

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027290.D
 Acq On : 04 Mar 2022 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 02:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39837	47.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.340%		
35) Dibromofluoromethane	5.391	113	34128	51.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.460%		
50) Toluene-d8	8.647	98	125244	50.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.560%		
62) 4-Bromofluorobenzene	11.079	95	47491	49.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	33588	48.050	ug/l	99
3) Chloromethane	1.301	50	27588	42.221	ug/l	99
4) Vinyl Chloride	1.380	62	27774	42.673	ug/l	100
5) Bromomethane	1.605	94	13727	48.268	ug/l	100
6) Chloroethane	1.691	64	17687	44.254	ug/l	99
7) Trichlorofluoromethane	1.892	101	51293	50.671	ug/l	96
8) Diethyl Ether	2.136	74	16546	46.960	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	36123	51.224	ug/l	95
10) Methyl Iodide	2.459	142	32696	34.529	ug/l	96
11) Tert butyl alcohol	2.959	59	30897	188.023	ug/l	96
12) 1,1-Dichloroethene	2.325	96	34223	49.989	ug/l	85
13) Acrolein	2.240	56	34437	226.729	ug/l	98
14) Allyl chloride	2.666	41	56229	46.649	ug/l	97
15) Acrylonitrile	3.063	53	95967	227.591	ug/l	99
16) Acetone	2.380	43	97959	264.171	ug/l	95
17) Carbon Disulfide	2.514	76	82358	46.264	ug/l	99
18) Methyl Acetate	2.703	43	42158	44.046	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	116887	49.758	ug/l	99
20) Methylene Chloride	2.794	84	37421	48.688	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	36302	49.722	ug/l	97
22) Diisopropyl ether	3.758	45	112345	47.810	ug/l	89
23) Vinyl Acetate	3.721	43	484854	244.343	ug/l	96
24) 1,1-Dichloroethane	3.611	63	65242	49.114	ug/l	99
25) 2-Butanone	4.556	43	134440	227.656	ug/l	95
26) 2,2-Dichloropropane	4.483	77	52234	54.203	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	42501	50.196	ug/l	95
28) Bromochloromethane	4.904	49	25980	48.344	ug/l	86
29) Tetrahydrofuran	5.001	42	83520	211.314	ug/l	94
30) Chloroform	5.099	83	69594	50.440	ug/l	98
31) Cyclohexane	5.471	56	58879	46.549	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	61952	51.869	ug/l	99
36) 1,1-Dichloropropene	5.690	75	51045	52.499	ug/l	97
37) Ethyl Acetate	4.709	43	49334	46.213	ug/l	98
38) Carbon Tetrachloride	5.678	117	56954	56.163	ug/l	96
39) Methylcyclohexane	7.385	83	63748	52.706	ug/l	93
40) Benzene	6.038	78	147175	51.761	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28390	48.479	ug/l	95
42) 1,2-Dichloroethane	6.086	62	54266	53.798	ug/l	98
43) Isopropyl Acetate	6.336	43	81953	49.903	ug/l	96
44) Trichloroethene	7.123	130	44815	52.688	ug/l	90
45) 1,2-Dichloropropane	7.434	63	36759	52.911	ug/l	98
46) Dibromomethane	7.580	93	27337	54.784	ug/l	94
47) Bromodichloromethane	7.824	83	53768	55.206	ug/l	99
48) Methyl methacrylate	7.690	41	41125	51.735	ug/l	93
49) 1,4-Dioxane	7.653	88	14663	815.942	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	254045	238.005	ug/l	96
52) Toluene	8.720	92	95368	52.380	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	55811	50.603	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	61465	56.536	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	38450	53.319	ug/l	97
56) Ethyl methacrylate	9.116	69	57974	51.637	ug/l	94
57) 1,3-Dichloropropane	9.311	76	64007	53.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	131922	243.769	ug/l	95
59) 2-Hexanone	9.427	43	195225	239.303	ug/l	95
60) Dibromochloromethane	9.519	129	43635	58.329	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40969	53.347	ug/l	100
64) Tetrachloroethene	9.275	164	45412	50.815	ug/l	93
65) Chlorobenzene	10.080	112	108560	53.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40053	54.854	ug/l	100
67) Ethyl Benzene	10.195	91	185820	52.570	ug/l	98
68) m/p-Xylenes	10.299	106	146196	107.586	ug/l	96
69) o-Xylene	10.640	106	70981	52.045	ug/l	95
70) Styrene	10.653	104	121222	54.319	ug/l	97
71) Bromoform	10.799	173	30792	48.952	ug/l #	98
73) Isopropylbenzene	10.964	105	188386	53.192	ug/l	99
74) N-amyl acetate	10.842	43	67732	50.264	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	53508	51.152	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52120m	52.281	ug/l	
77) Bromobenzene	11.201	156	47327	53.575	ug/l	91
78) n-propylbenzene	11.305	91	217450	54.021	ug/l	99
79) 2-Chlorotoluene	11.366	91	130015	52.709	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	160758	53.981	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15765	46.625	ug/l	90
82) 4-Chlorotoluene	11.457	91	150021	53.239	ug/l	96
83) tert-Butylbenzene	11.713	119	155540	53.714	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	161962	54.676	ug/l	97
85) sec-Butylbenzene	11.890	105	200570	55.240	ug/l	97
86) p-Isopropyltoluene	12.012	119	172380	55.690	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	90253	54.296	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	90121	53.025	ug/l	97
89) n-Butylbenzene	12.335	91	144479	55.845	ug/l	99
90) Hexachloroethane	12.536	117	25877	53.970	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	85366	52.634	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12318	50.721	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	56911	55.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	24195	56.941	ug/l	97
95) Naphthalene	13.774	128	183538	52.774	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56880	55.445	ug/l	99

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VSTDCCC050

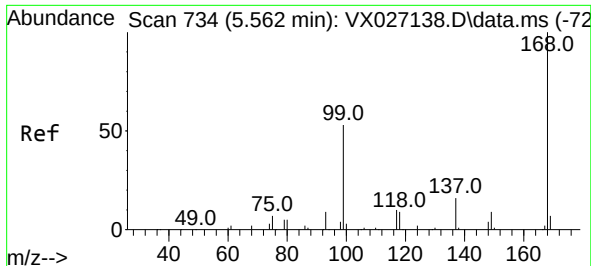
Manual Integrations
APPROVED

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Response via : Initial Calibration

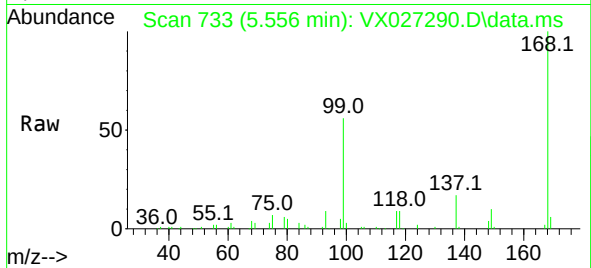
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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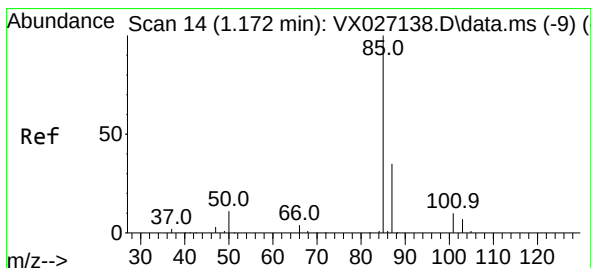
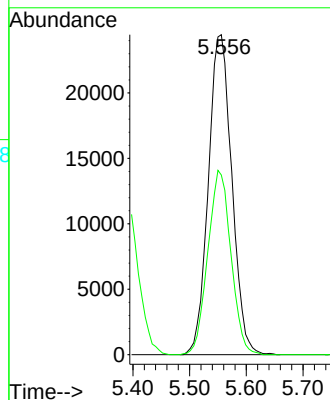
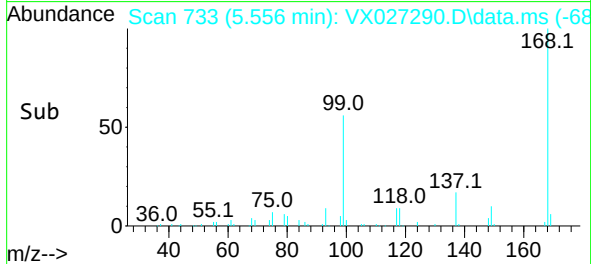
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 7032
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5

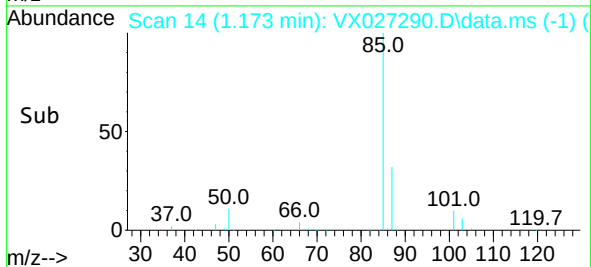
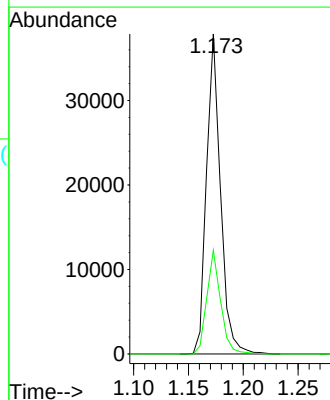
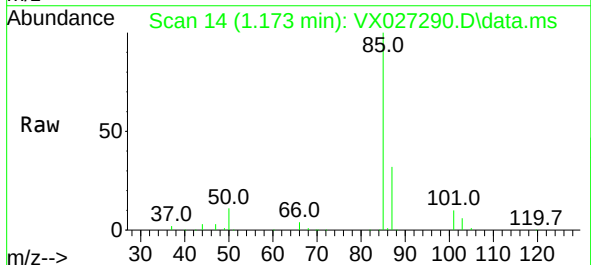
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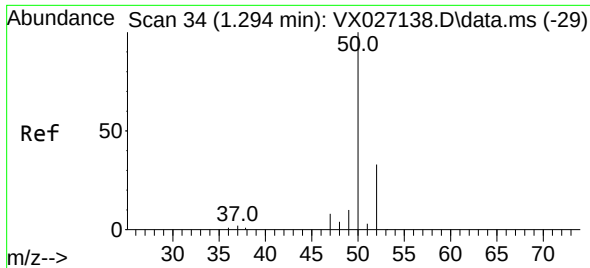
Reviewed By :John Carlone 03/07/2022
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#2
Dichlorodifluoromethane
Concen: 48.050 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.001 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion: 85 Resp: 33588
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.1





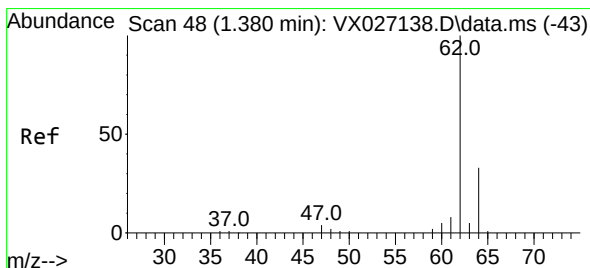
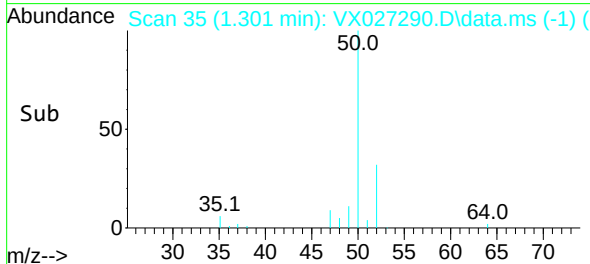
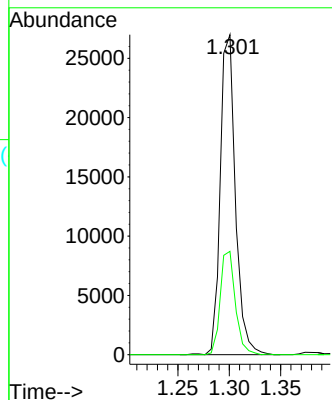
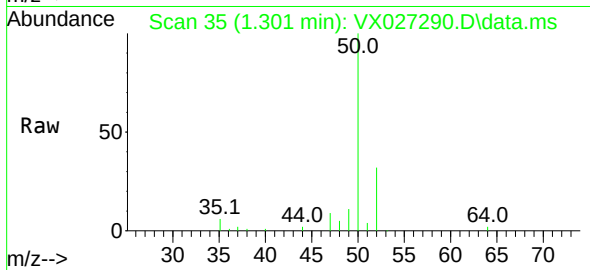
#3
Chloromethane
Concen: 42.221 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 27588
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1

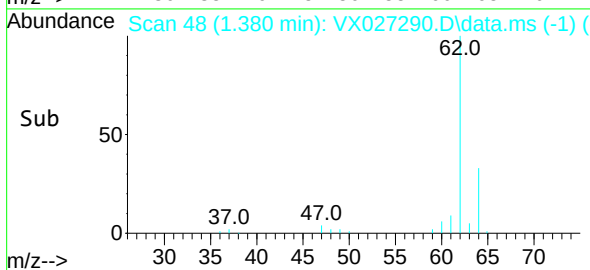
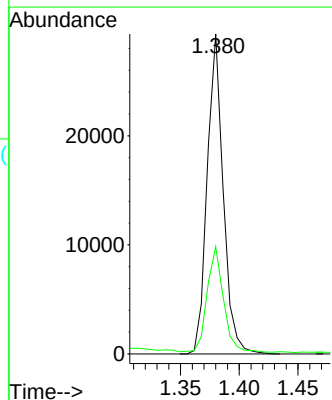
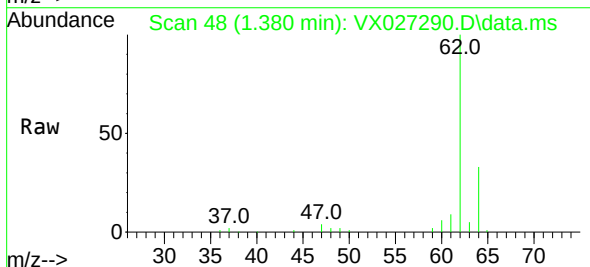
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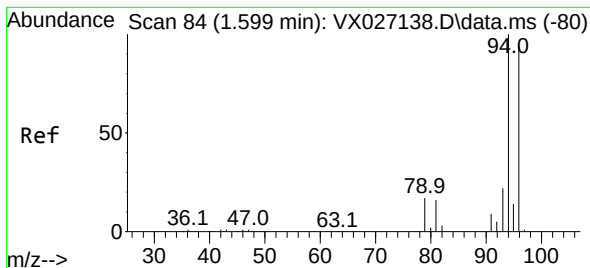
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#4
Vinyl Chloride
Concen: 42.673 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

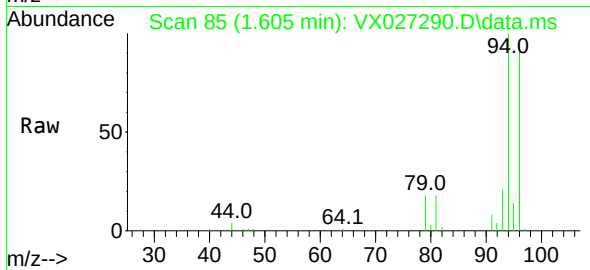
Tgt Ion: 62 Resp: 27774
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 48.268 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

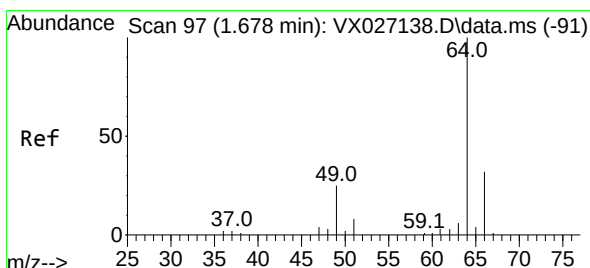
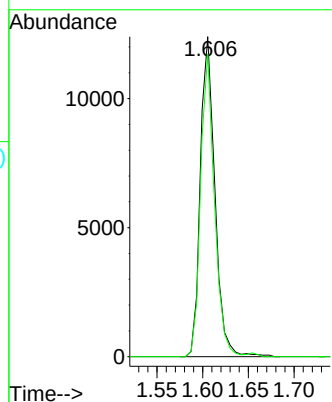
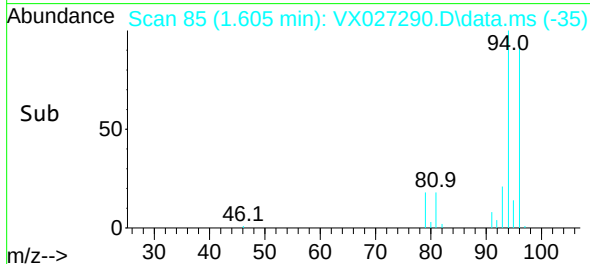
Instrument :
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Tgt Ion: 94 Resp: 1372
Ion Ratio Lower Upper
94 100
96 94.7 75.9 113.9

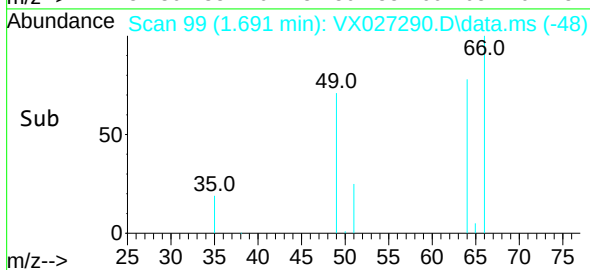
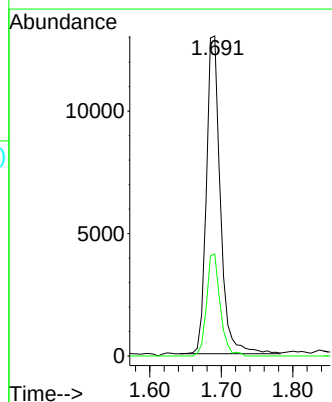
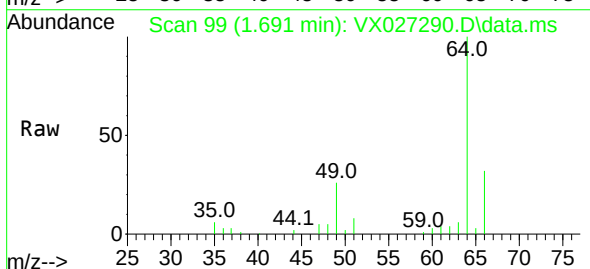
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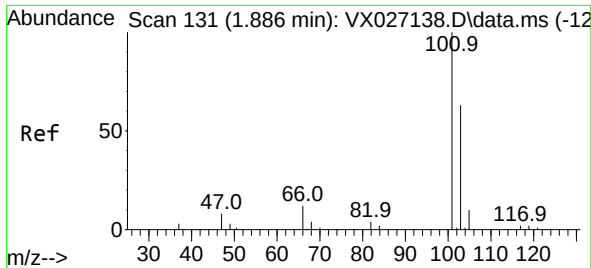
Reviewed By :John Carlone 03/07/2022
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#6
Chloroethane
Concen: 44.254 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion: 64 Resp: 17687
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





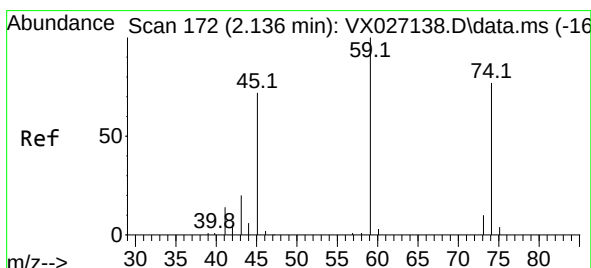
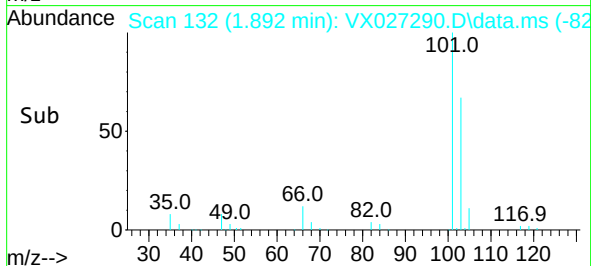
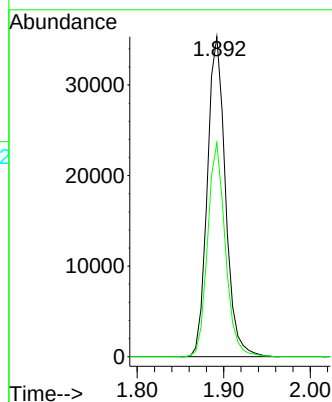
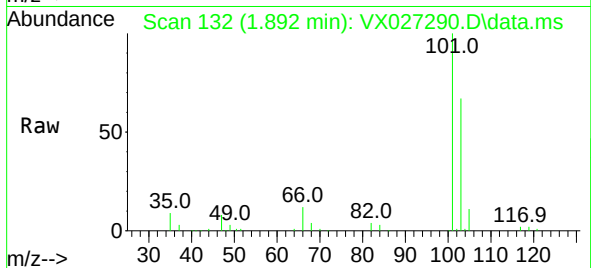
#7
Trichlorofluoromethane
Concen: 50.671 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5129
Ion Ratio Lower Upper
101 100
103 66.9 51.3 76.9

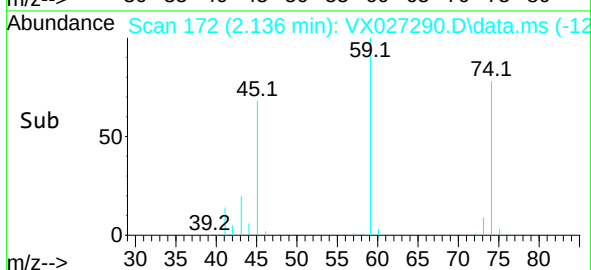
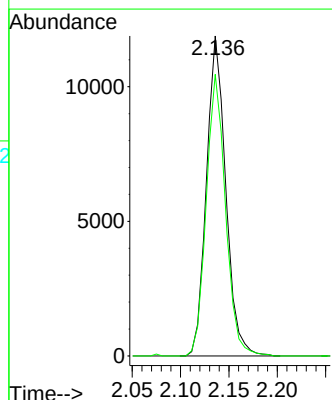
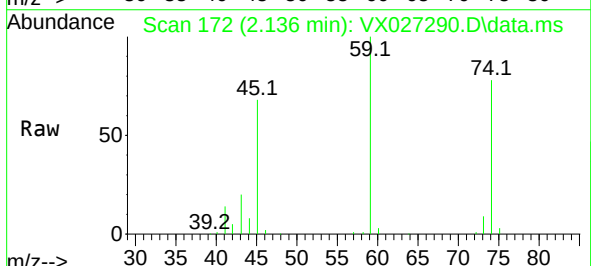
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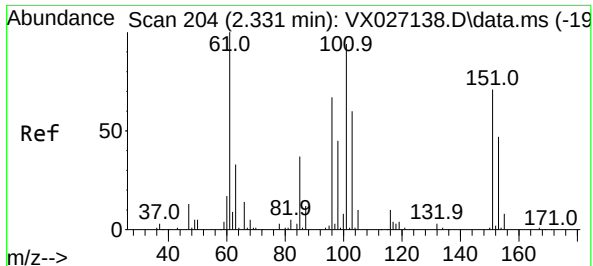
Reviewed By :John Carlone 03/07/2022
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#8
Diethyl Ether
Concen: 46.960 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion: 74 Resp: 16546
Ion Ratio Lower Upper
74 100
45 87.9 50.7 152.1





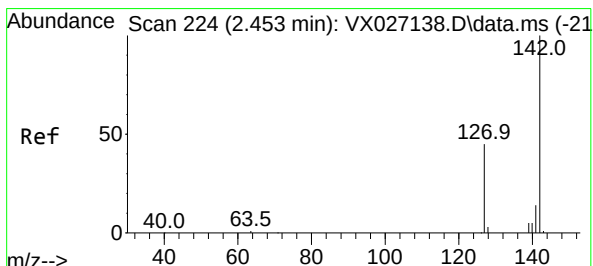
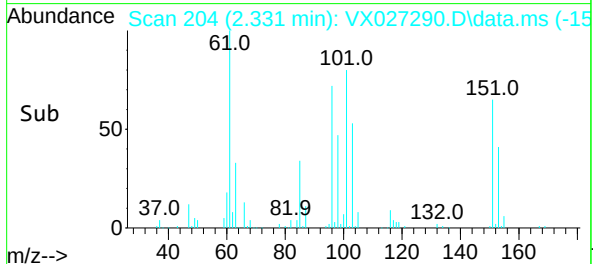
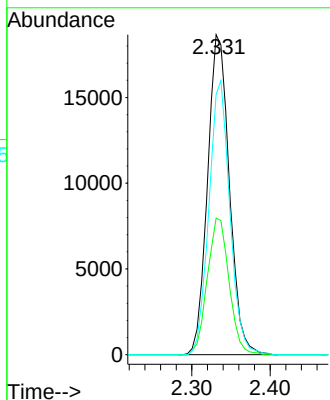
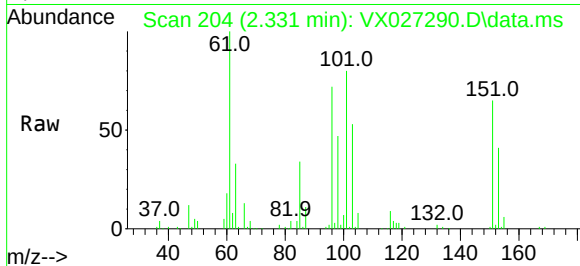
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.224 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

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Tgt Ion:101 Resp: 3612
Ion Ratio Lower Upper
101 100
85 42.4 35.3 52.9
151 82.3 61.4 92.2

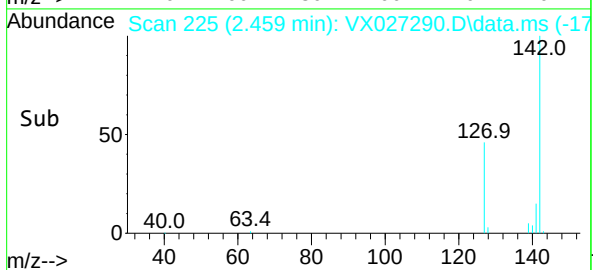
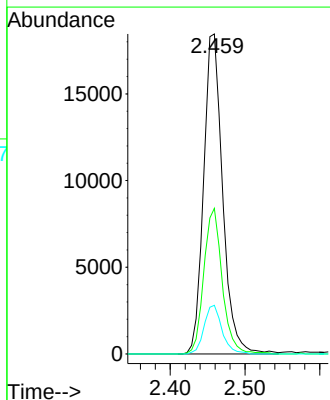
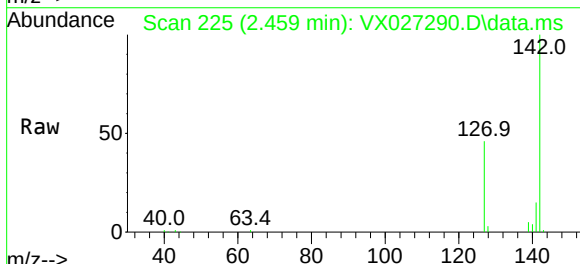
Manual Integrations
APPROVED

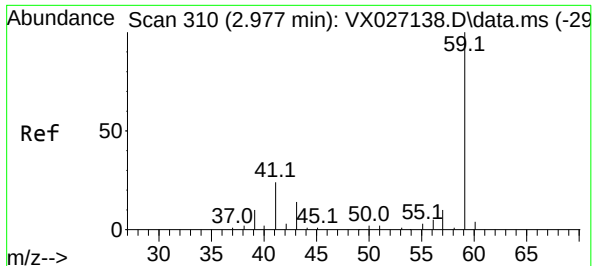
Reviewed By :John Carbone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#10
Methyl Iodide
Concen: 34.529 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

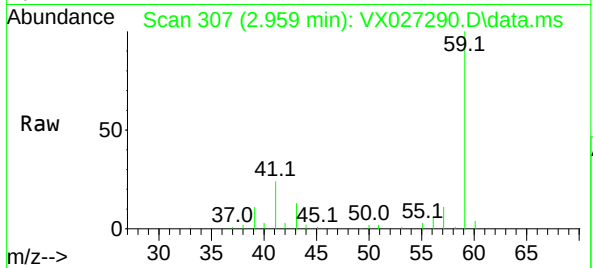
Tgt Ion:142 Resp: 32696
Ion Ratio Lower Upper
142 100
127 44.1 38.1 57.1
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 188.023 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

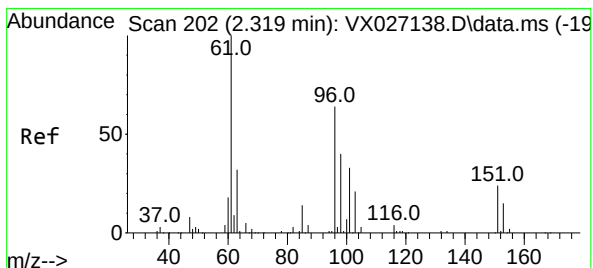
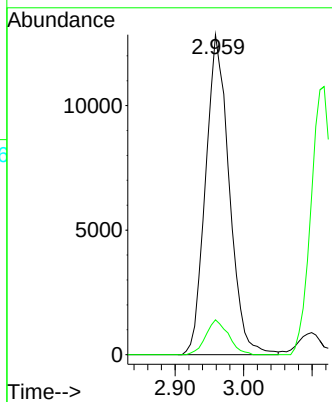
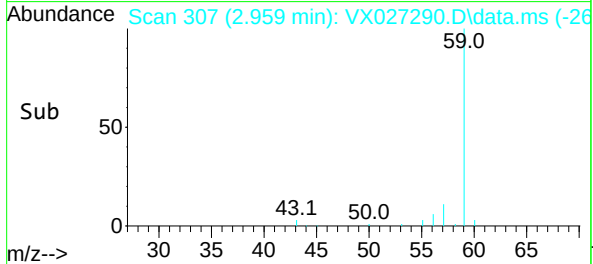
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



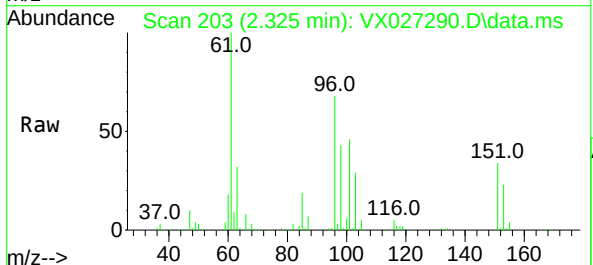
Tgt Ion: 59 Resp: 3089
Ion Ratio Lower Upper
59 100
57 10.4 7.2 10.8

Manual Integrations
APPROVED

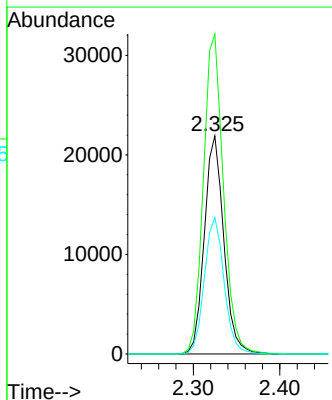
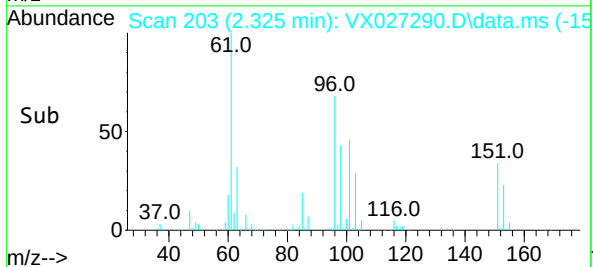
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

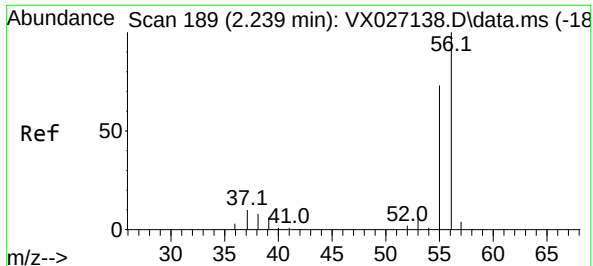


#12
1,1-Dichloroethene
Concen: 49.989 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



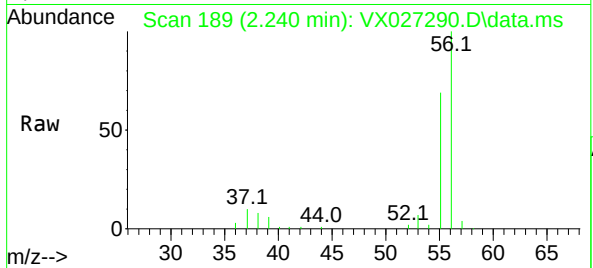
Tgt Ion: 96 Resp: 34223
Ion Ratio Lower Upper
96 100
61 146.7 138.5 207.7
98 62.6 51.8 77.6





#13
Acrolein
Concen: 226.729 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

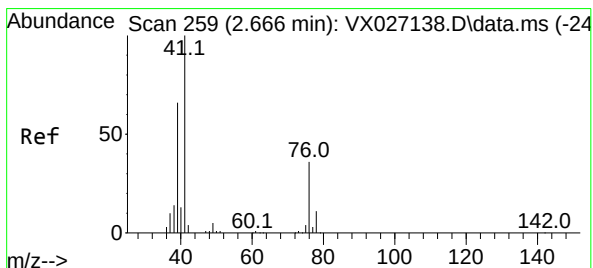
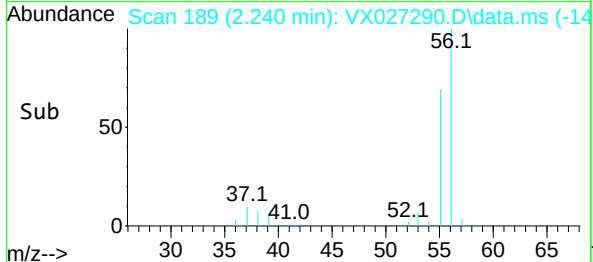
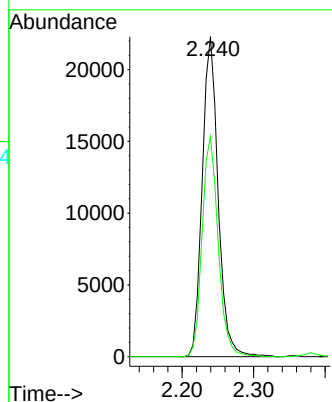
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3443
Ion Ratio Lower Upper
56 100
55 69.5 56.9 85.3

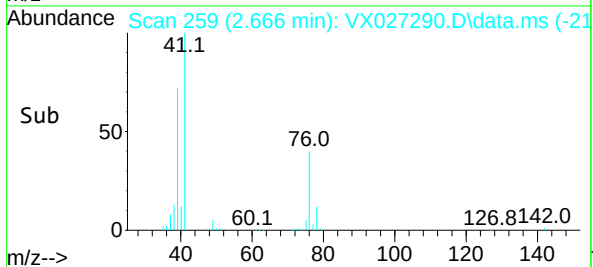
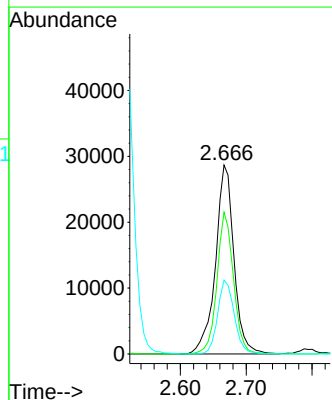
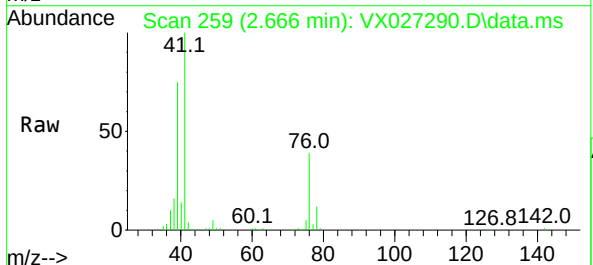
Manual Integrations
APPROVED

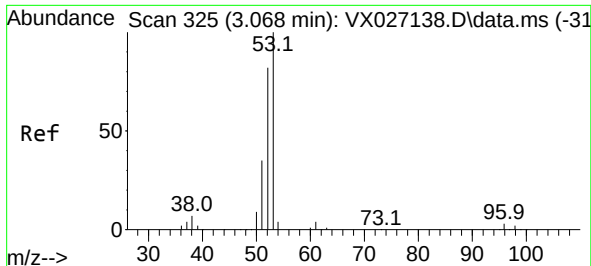
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Allyl chloride
Concen: 46.649 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

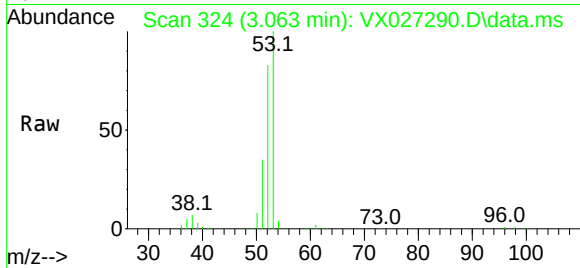
Tgt Ion: 41 Resp: 56229
Ion Ratio Lower Upper
41 100
39 66.9 54.2 81.4
76 35.0 25.2 37.8





#15
Acrylonitrile
Concen: 227.591 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

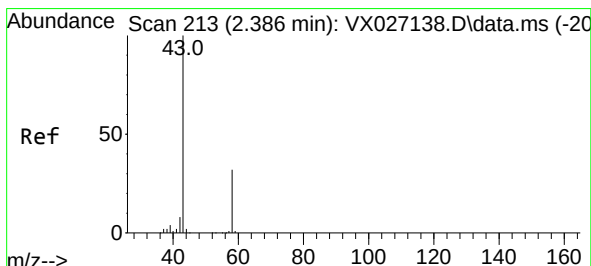
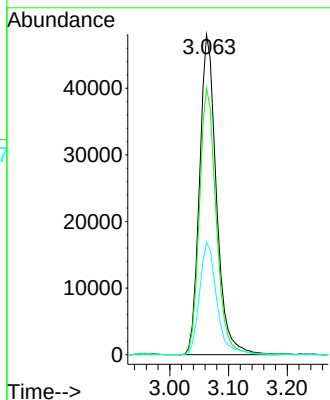
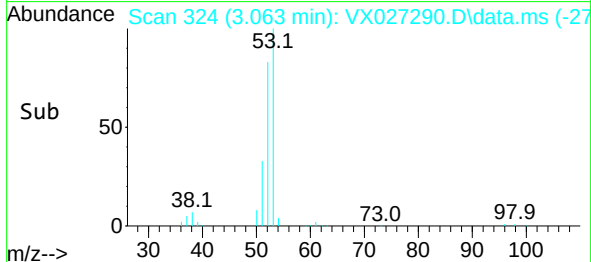
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



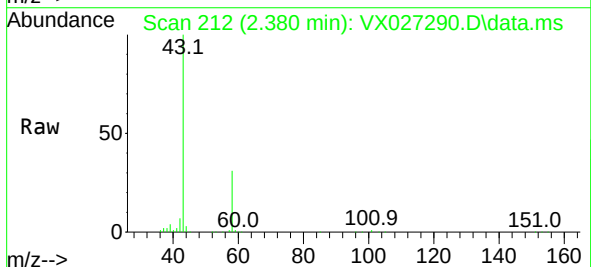
Tgt Ion: 53 Resp: 9596
Ion Ratio Lower Upper
53 100
52 82.9 66.6 100.0
51 35.9 29.5 44.3

Manual Integrations
APPROVED

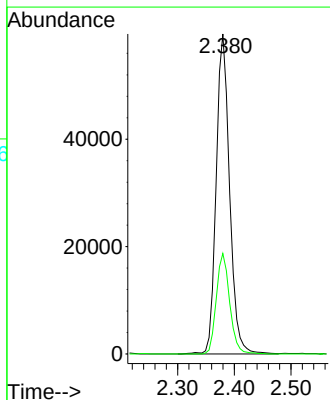
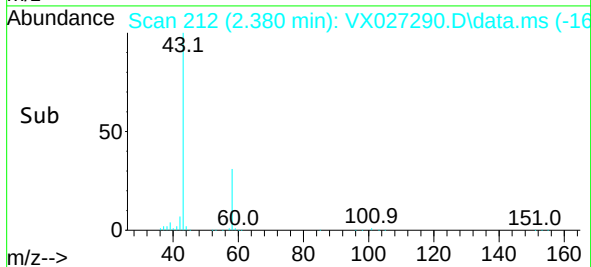
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

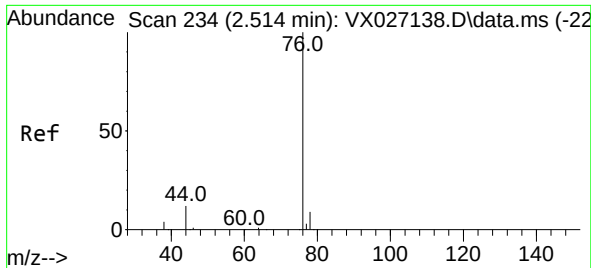


#16
Acetone
Concen: 264.171 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



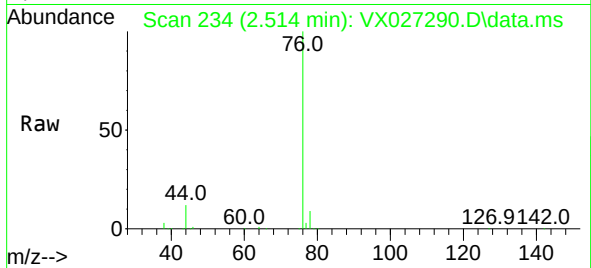
Tgt Ion: 43 Resp: 97959
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6





#17
Carbon Disulfide
Concen: 46.264 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

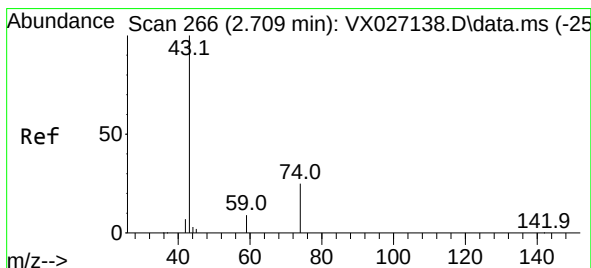
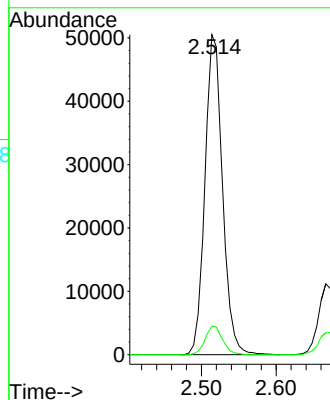
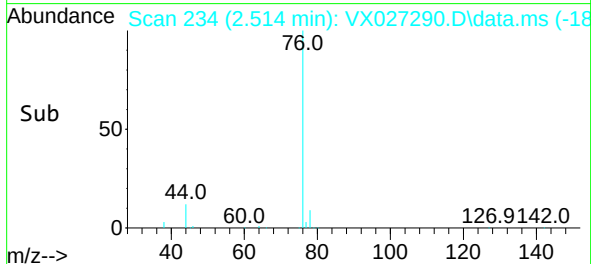
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



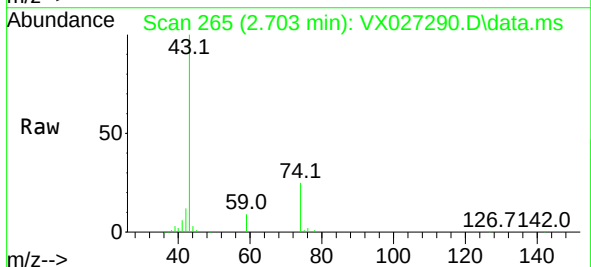
Tgt Ion: 76 Resp: 82358
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

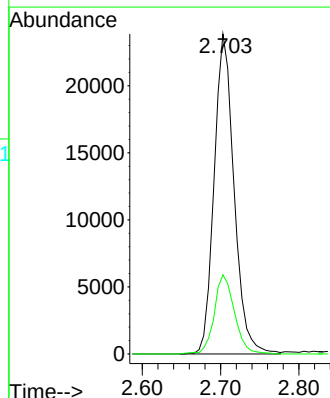
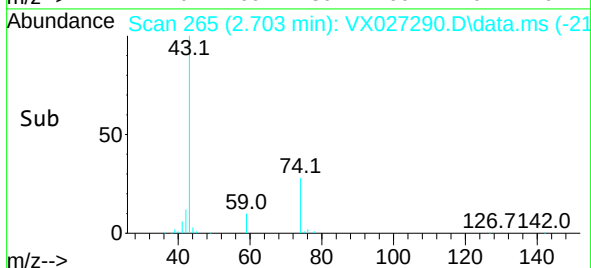
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

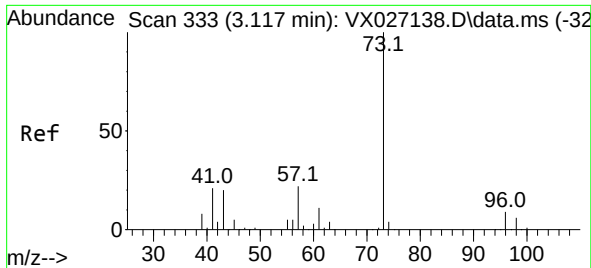


#18
Methyl Acetate
Concen: 44.046 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 43 Resp: 42158
Ion Ratio Lower Upper
43 100
74 25.2 18.3 27.5





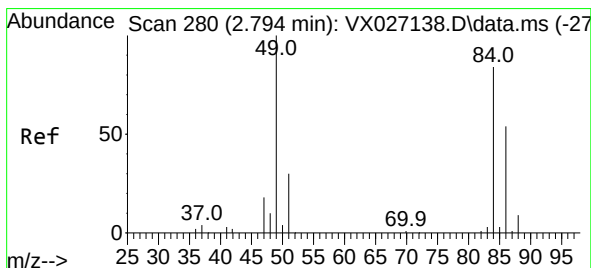
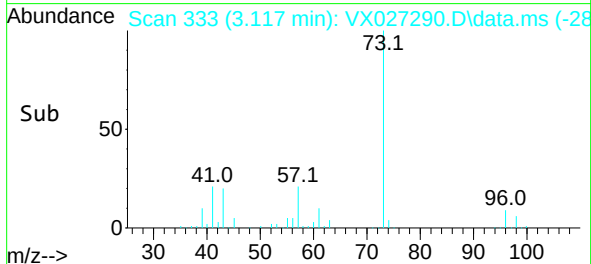
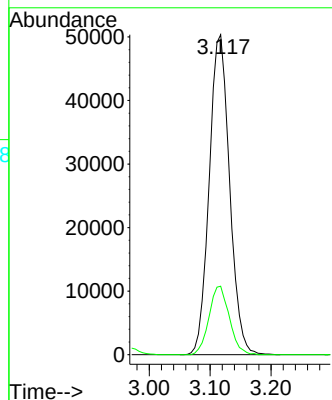
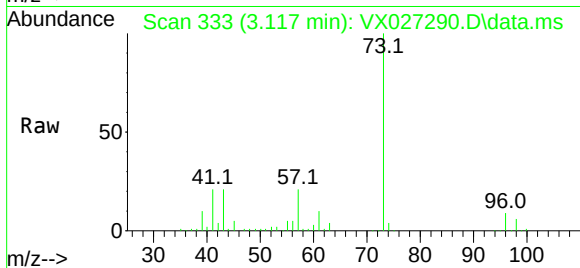
#19
Methyl tert-butyl Ether
Concen: 49.758 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 11688
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2

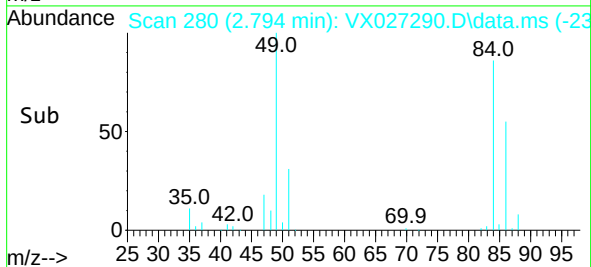
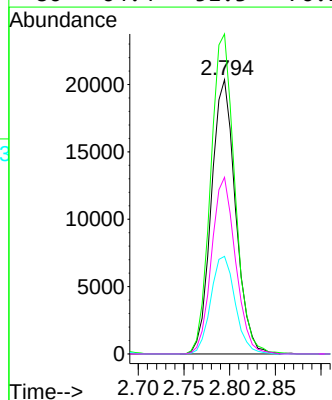
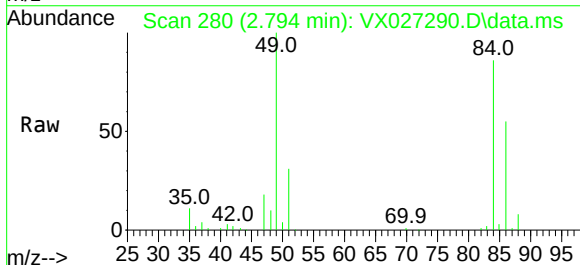
Manual Integrations
APPROVED

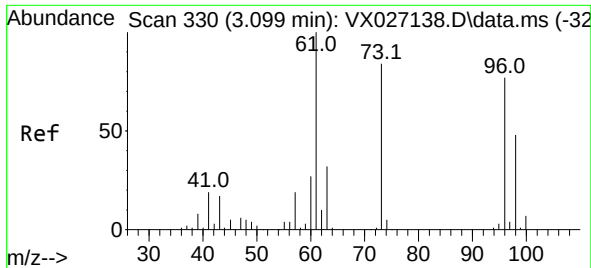
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 48.688 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

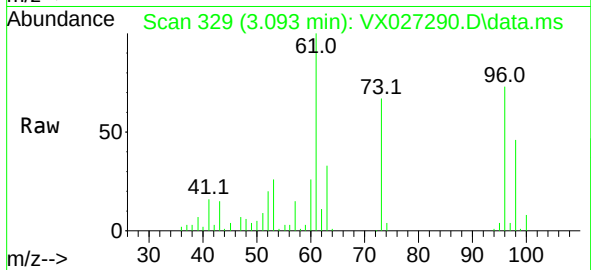
Tgt Ion: 84 Resp: 37421
Ion Ratio Lower Upper
84 100
49 116.7 101.5 152.3
51 35.6 31.2 46.8
86 64.4 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 49.722 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

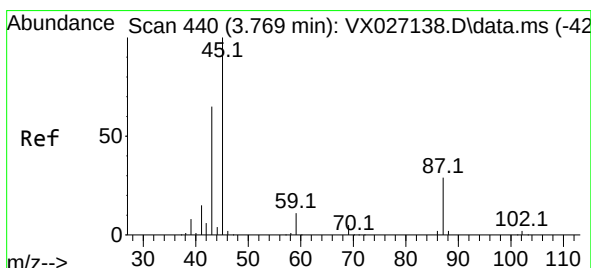
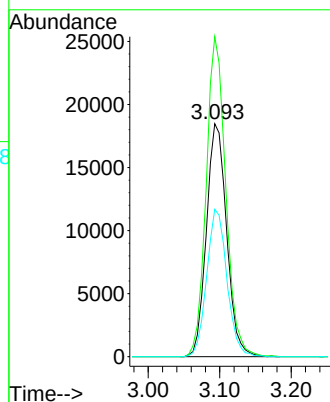
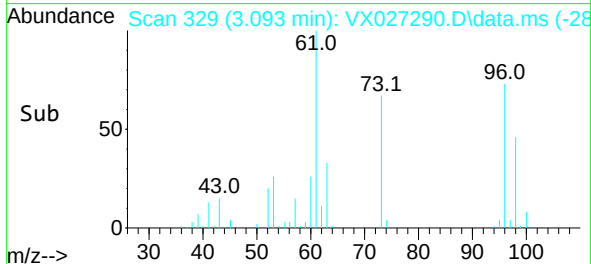
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



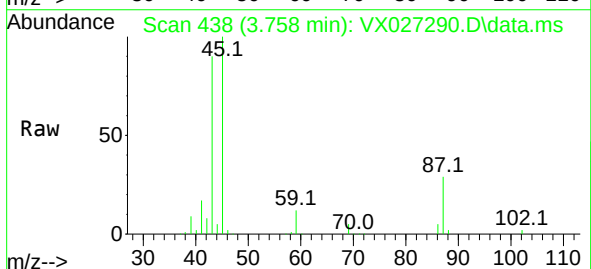
Tgt Ion: 96 Resp: 3630
Ion Ratio Lower Upper
96 100
61 137.4 112.9 169.3
98 63.2 49.5 74.3

Manual Integrations
APPROVED

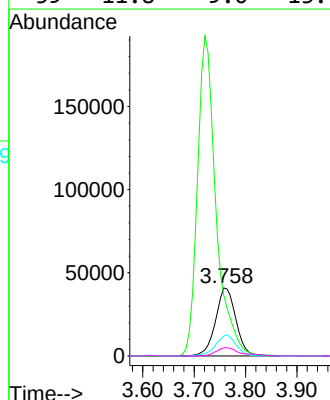
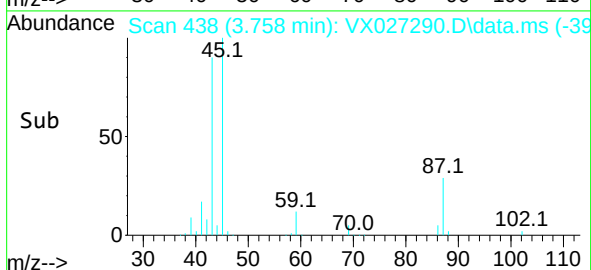
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

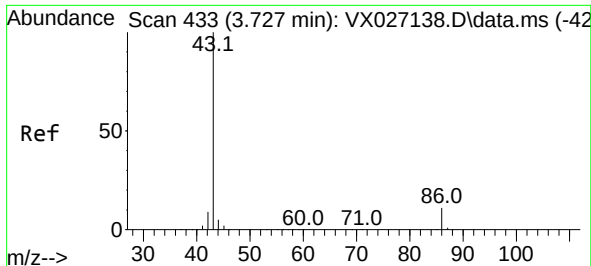


#22
Diisopropyl ether
Concen: 47.810 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.011 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 45 Resp: 112345
Ion Ratio Lower Upper
45 100
43 89.2 60.6 91.0
87 29.4 22.0 33.0
59 11.8 9.0 13.4





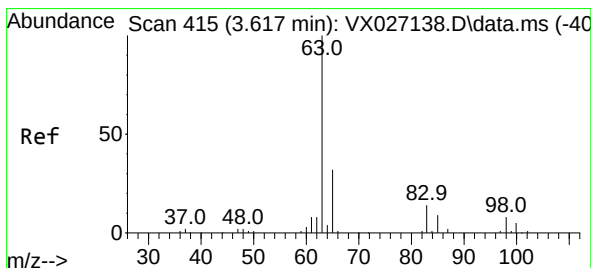
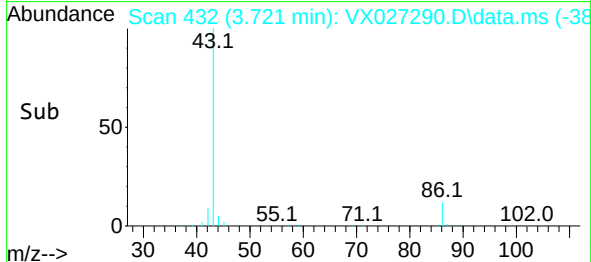
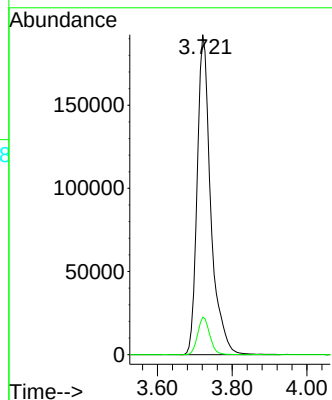
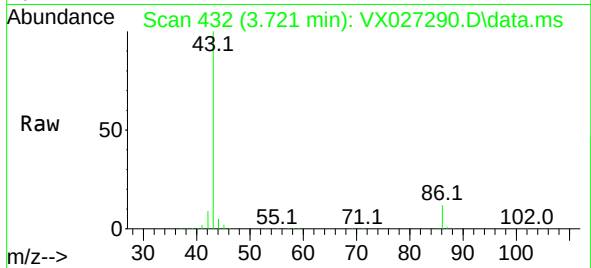
#23
 Vinyl Acetate
 Concen: 244.343 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 484854
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.1 12.1

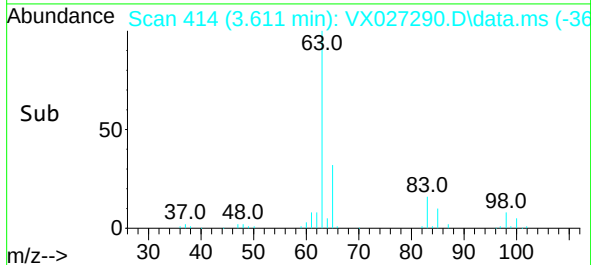
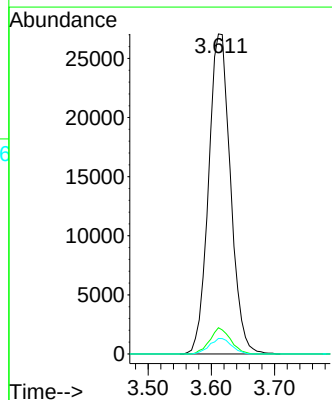
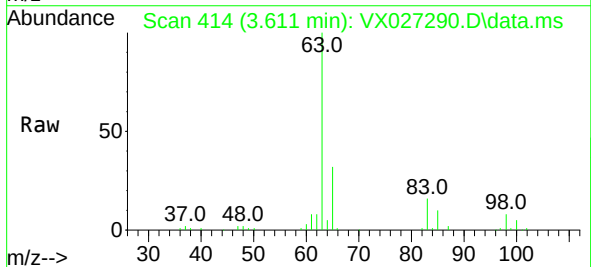
Manual Integrations
 APPROVED

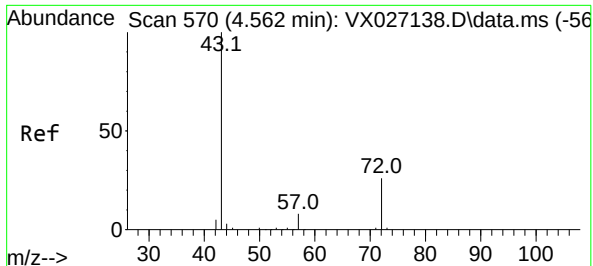
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 49.114 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13

Tgt Ion: 63 Resp: 65242
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.7 11.1
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 227.656 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 134440

Ion Ratio Lower Upper

43 100

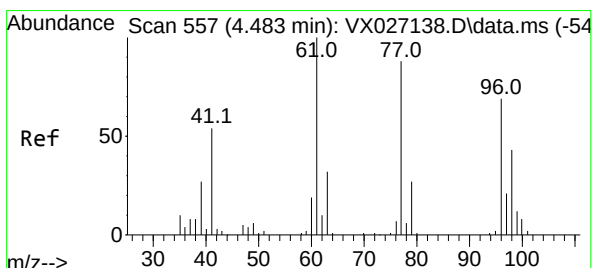
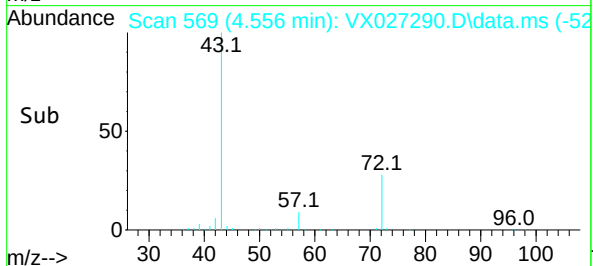
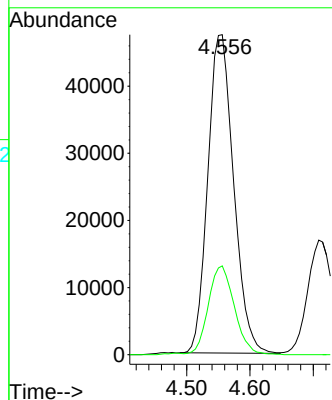
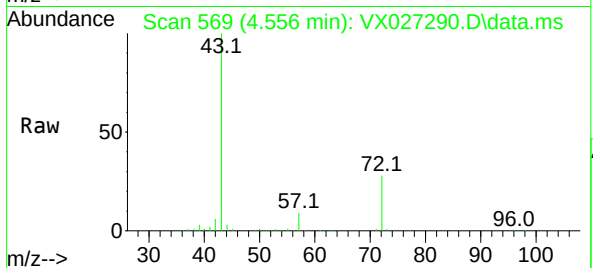
72 27.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#26

2,2-Dichloropropane

Concen: 54.203 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX027290.D

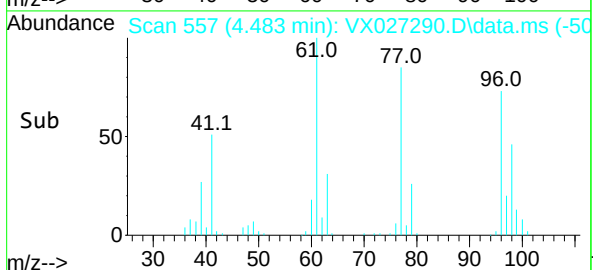
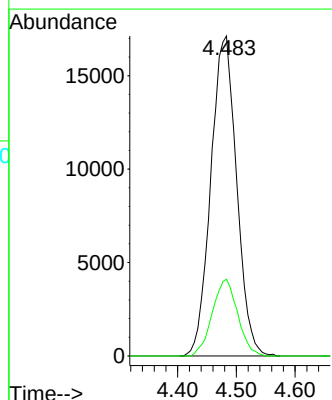
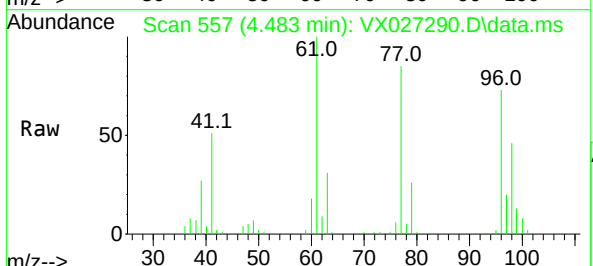
Acq: 04 Mar 2022 10:13

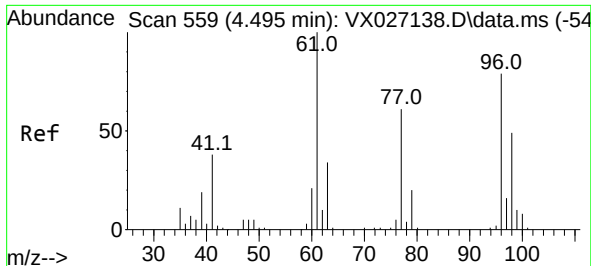
Tgt Ion: 77 Resp: 52234

Ion Ratio Lower Upper

77 100

97 23.6 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 50.196 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 4250

Ion Ratio Lower Upper

96 100

61 139.0 0.0 296.6

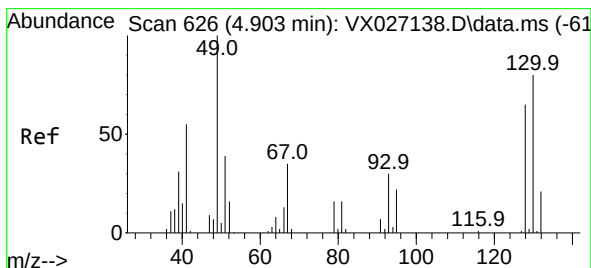
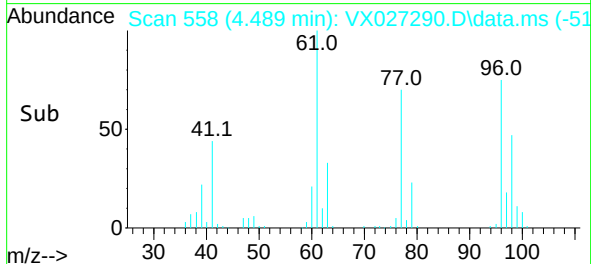
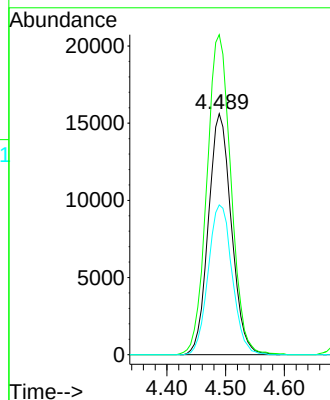
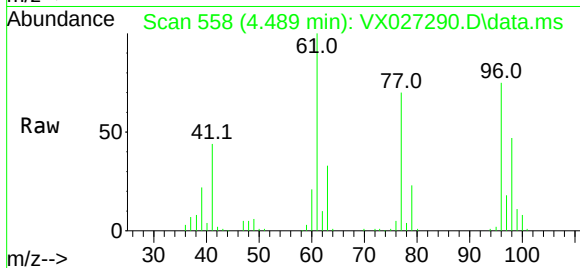
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

Bromochloromethane

Concen: 48.344 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.001 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

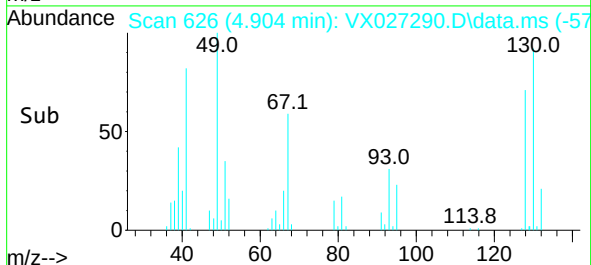
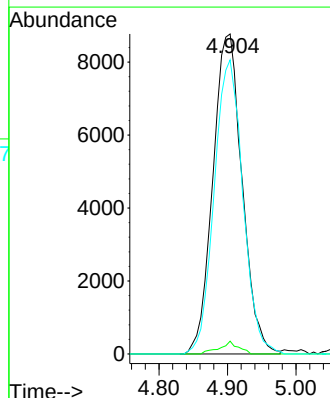
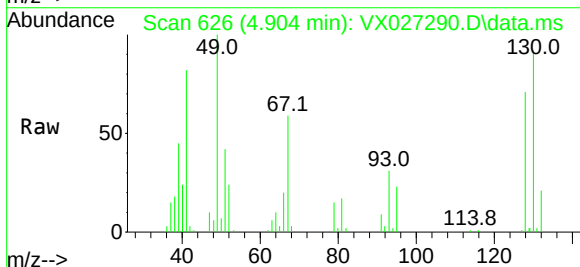
Tgt Ion: 49 Resp: 25980

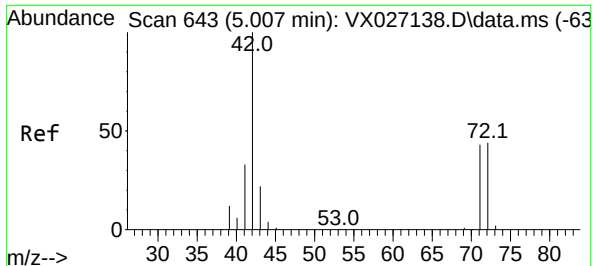
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 90.2 62.4 93.6





#29

Tetrahydrofuran

Concen: 211.314 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

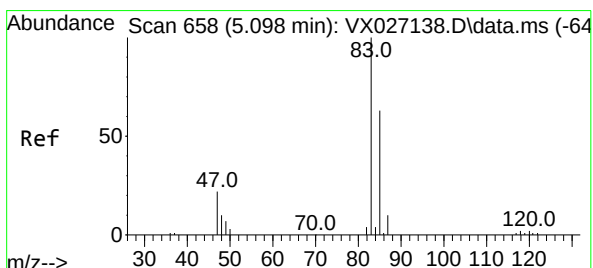
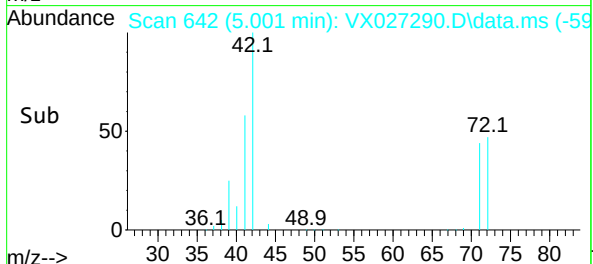
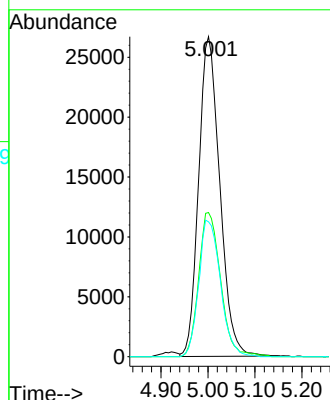
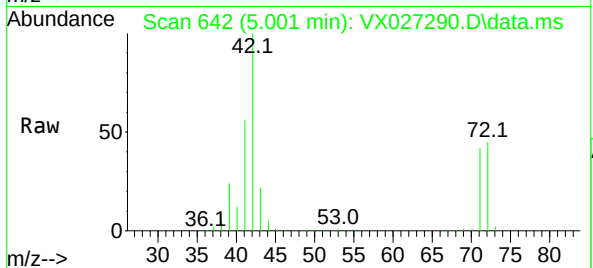
Tgt Ion: 42 Resp: 83520
 Ion Ratio Lower Upper
 42 100
 72 46.7 34.6 52.0
 71 43.8 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 50.440 ug/l

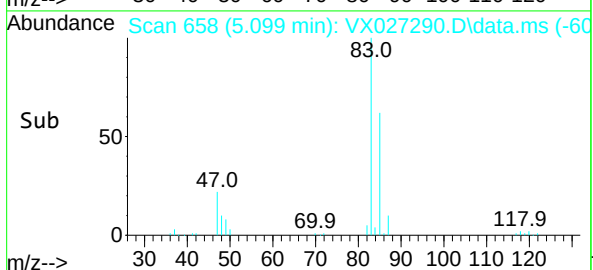
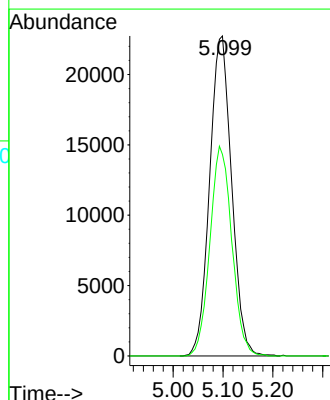
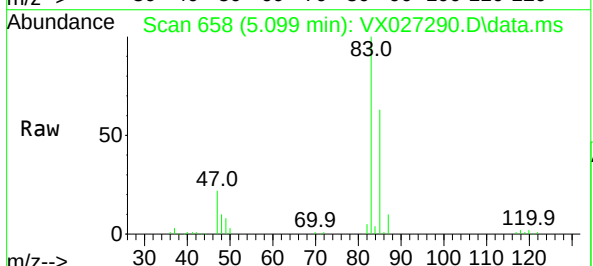
RT: 5.099 min Scan# 658

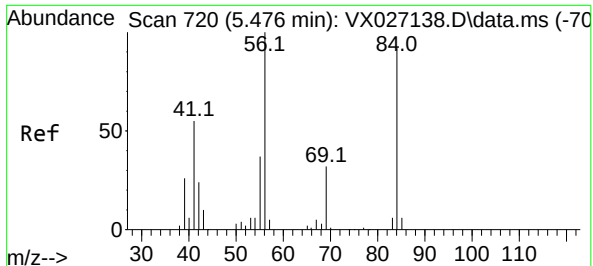
Delta R.T. 0.001 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

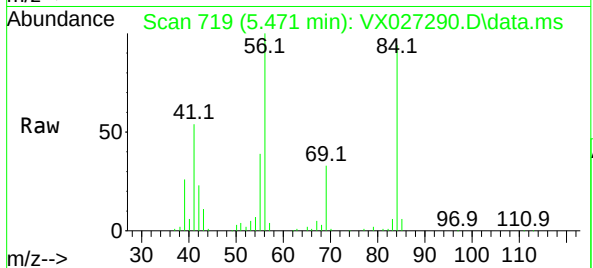
Tgt Ion: 83 Resp: 69594
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.6 77.4





#31
Cyclohexane
Concen: 46.549 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.005 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

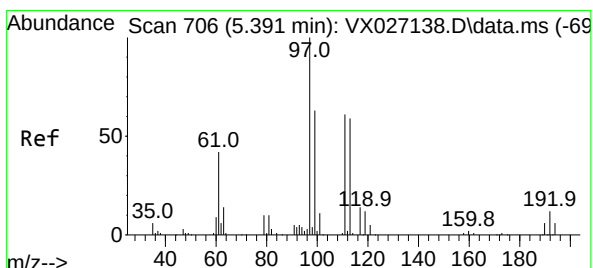
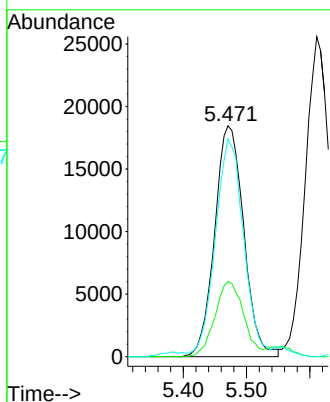
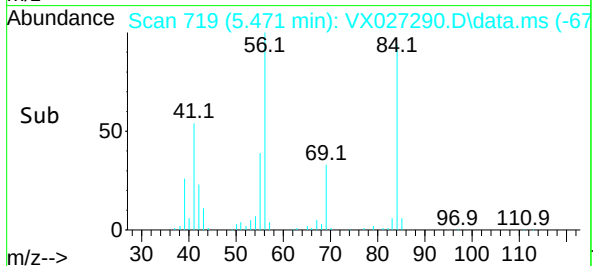
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



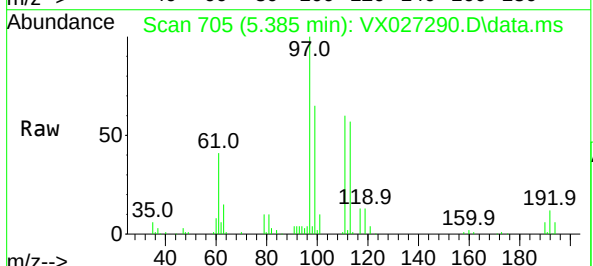
Tgt Ion: 56 Resp: 58879
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 92.8 68.9 103.3

Manual Integrations
APPROVED

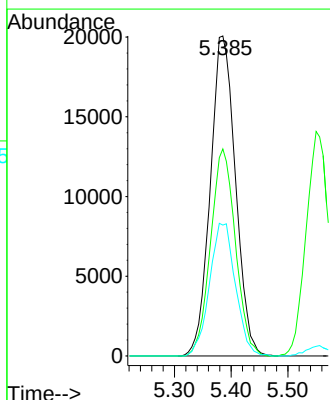
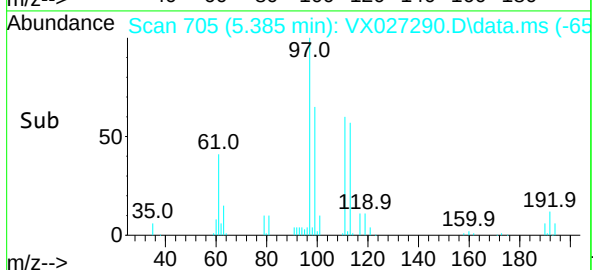
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

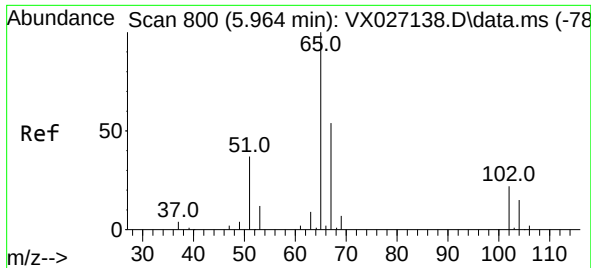


#32
1,1,1-Trichloroethane
Concen: 51.869 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 97 Resp: 61952
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 42.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.168 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3983

Ion Ratio Lower Upper

65 100

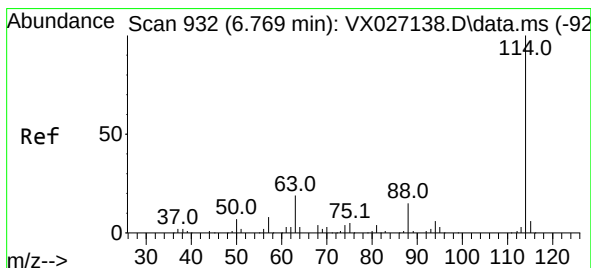
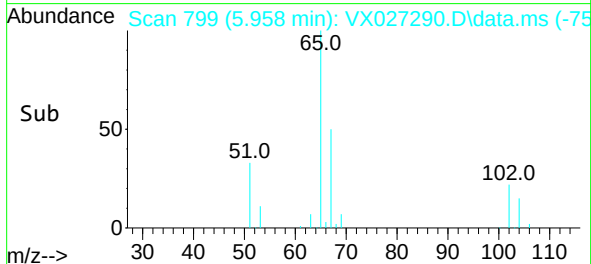
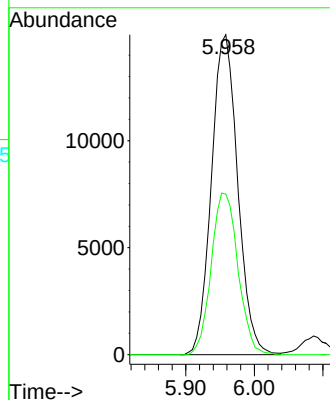
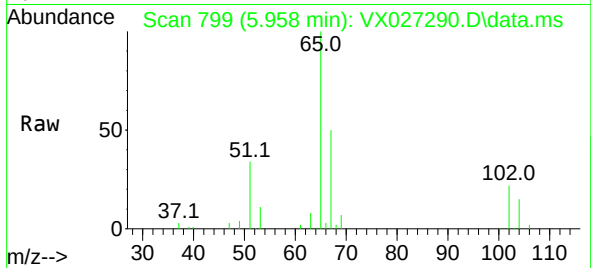
67 51.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

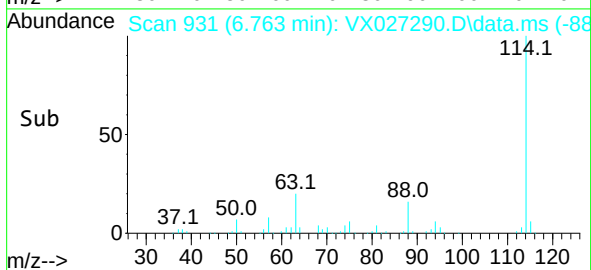
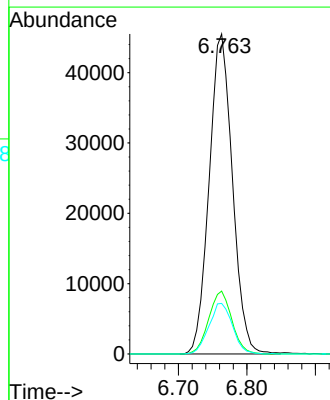
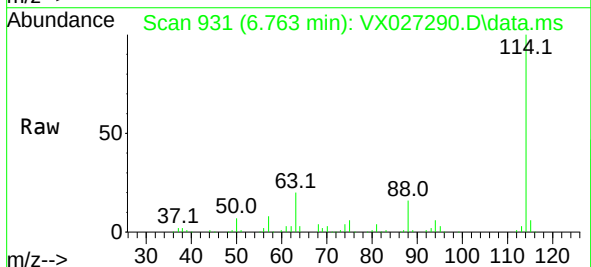
Tgt Ion:114 Resp: 107331

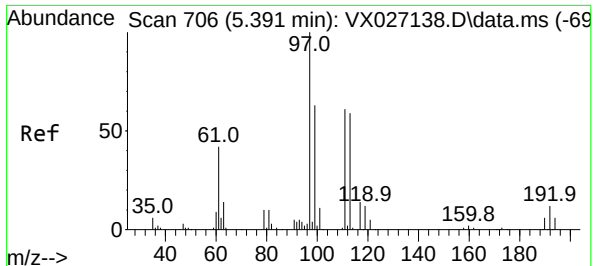
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.226 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

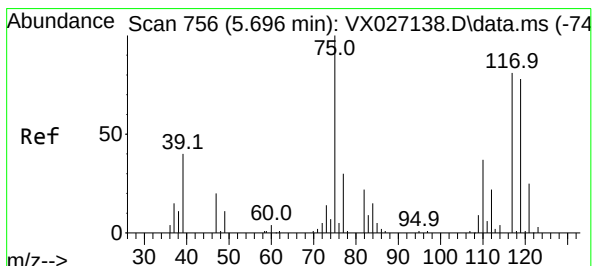
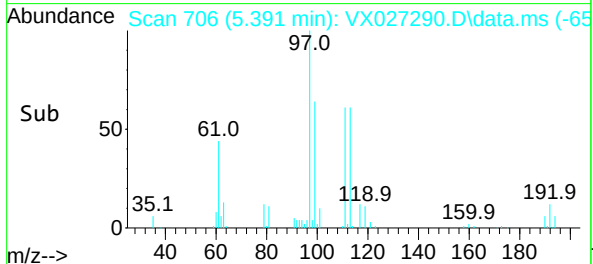
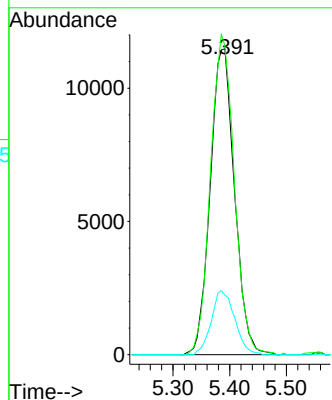
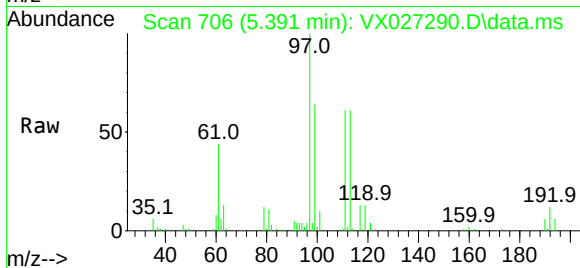
Tgt Ion:	113	Resp:	34128
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.2	121.8
192	20.2	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#36

1,1-Dichloropropene

Concen: 52.499 ug/l

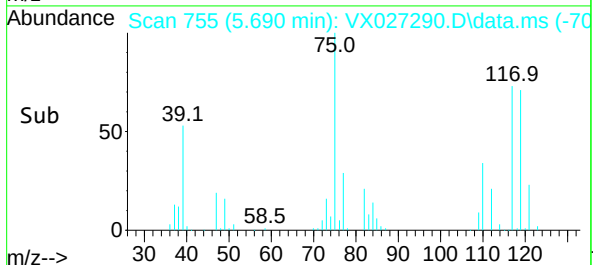
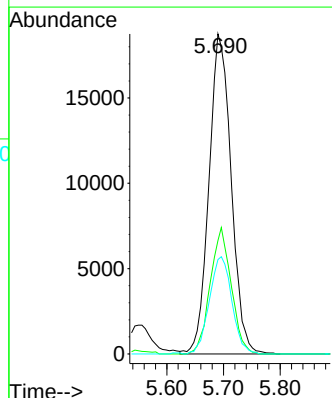
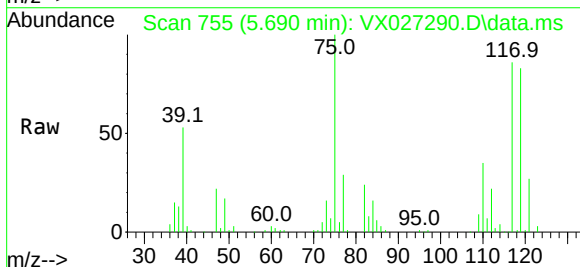
RT: 5.690 min Scan# 755

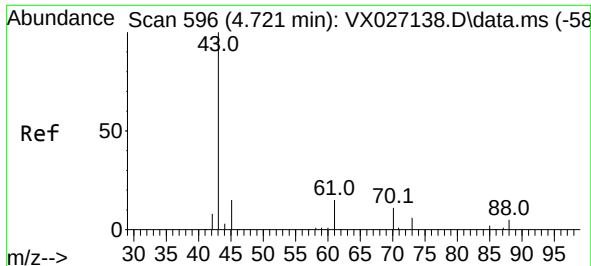
Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Tgt Ion:	75	Resp:	51045
Ion Ratio	Lower	Upper	
75	100		
110	37.4	17.2	51.6
77	30.8	24.6	36.8





#37

Ethyl Acetate

Concen: 46.213 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

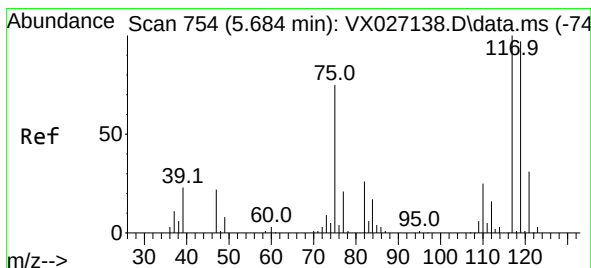
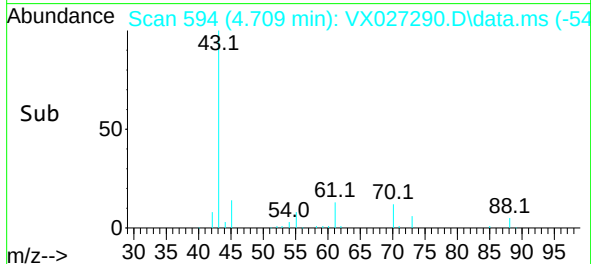
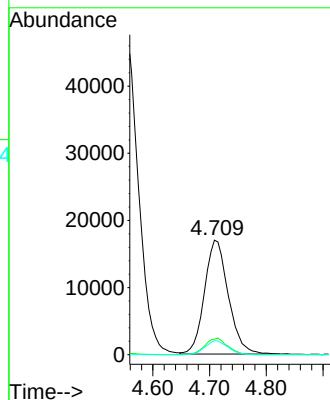
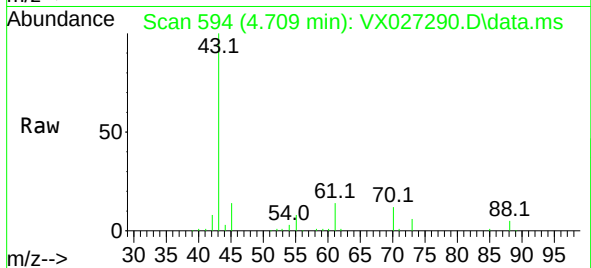
Tgt Ion:	43	Resp:	49334
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	11.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#38

Carbon Tetrachloride

Concen: 56.163 ug/l

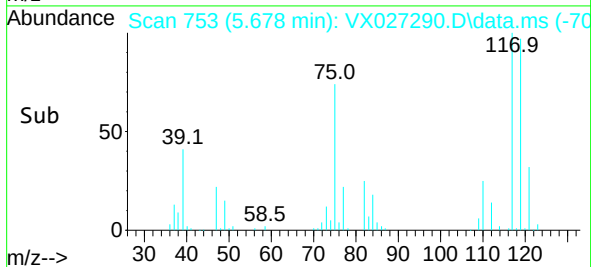
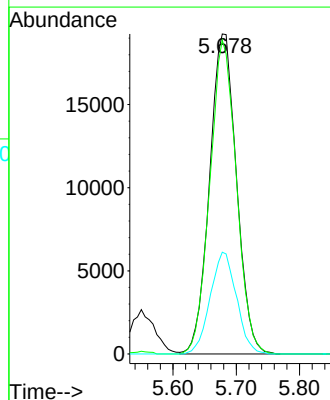
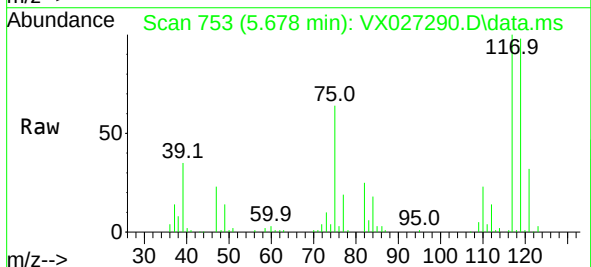
RT: 5.678 min Scan# 753

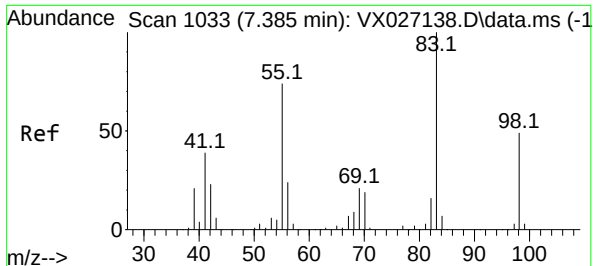
Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Tgt Ion:	117	Resp:	56954
Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.7	112.1
121	31.8	25.4	38.0





#39

Methylcyclohexane

Concen: 52.706 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 63748

Ion Ratio Lower Upper

83 100

55 69.9 63.6 95.4

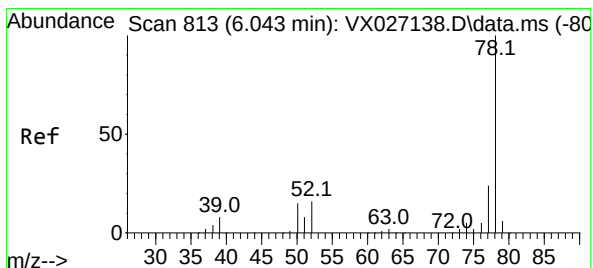
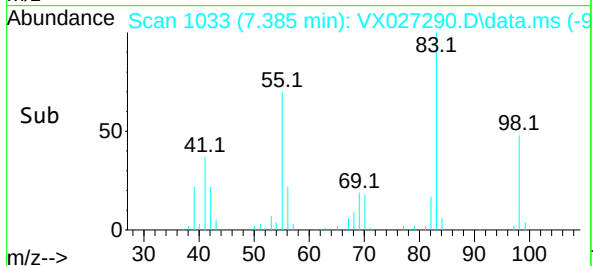
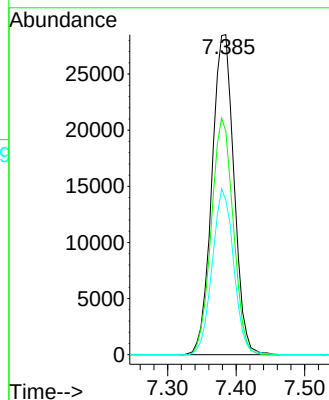
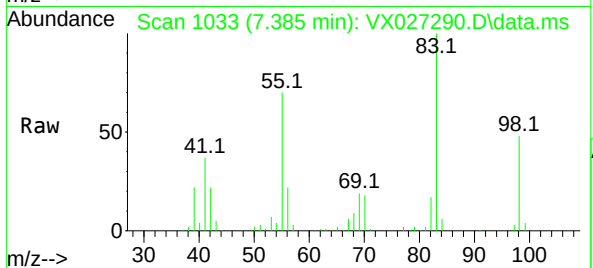
98 48.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Benzene

Concen: 51.761 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.005 min

Lab File: VX027290.D

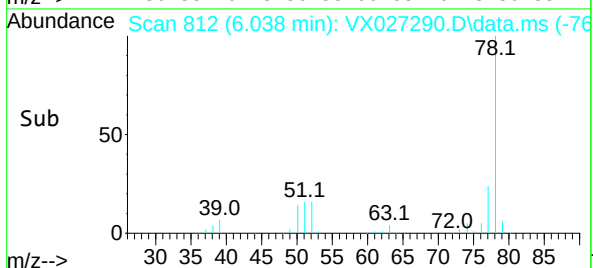
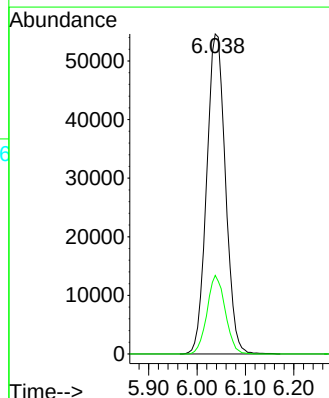
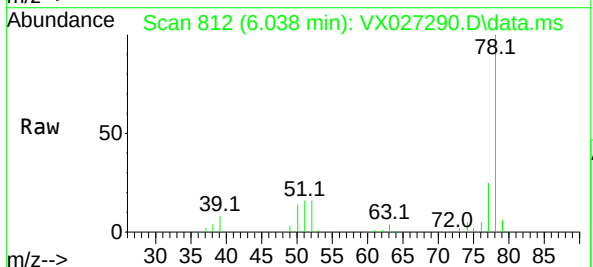
Acq: 04 Mar 2022 10:13

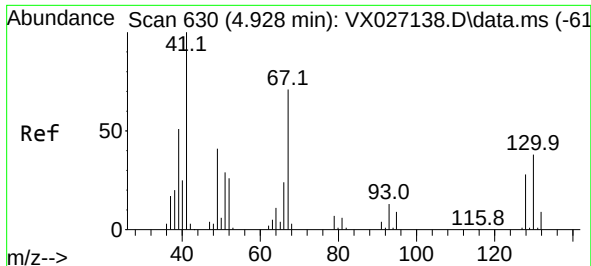
Tgt Ion: 78 Resp: 147175

Ion Ratio Lower Upper

78 100

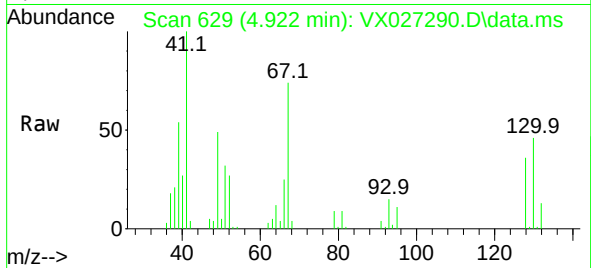
77 24.5 18.9 28.3





#41
Methacrylonitrile
Concen: 48.479 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

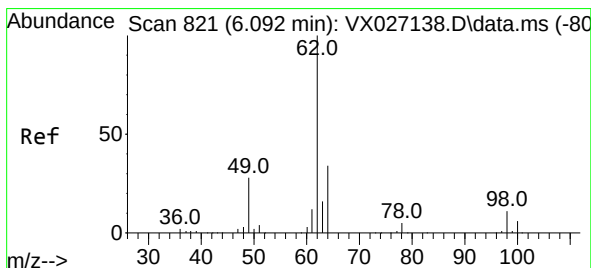
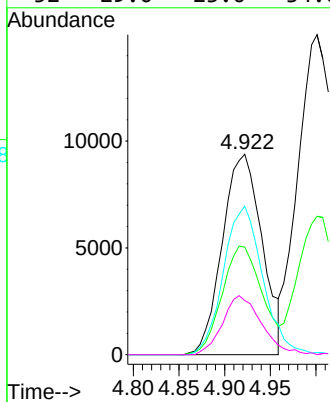
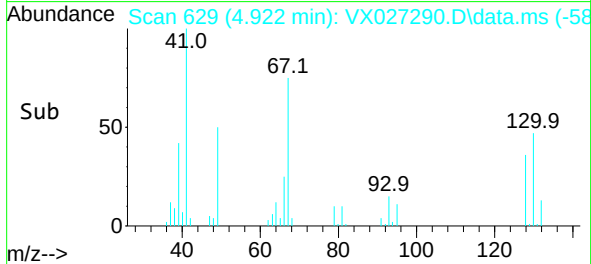
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 28390
Ion Ratio Lower Upper
41 100
39 54.5 45.4 68.0
67 73.6 53.2 79.8
52 29.0 23.0 34.6

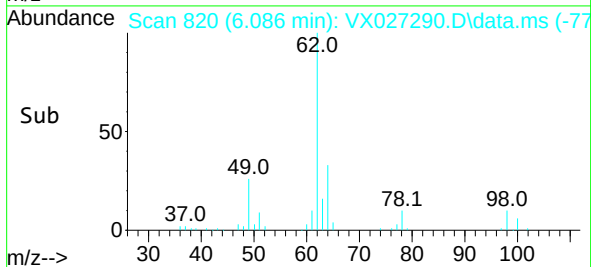
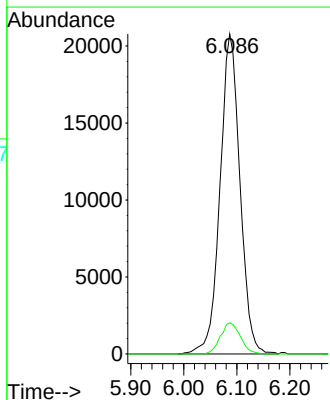
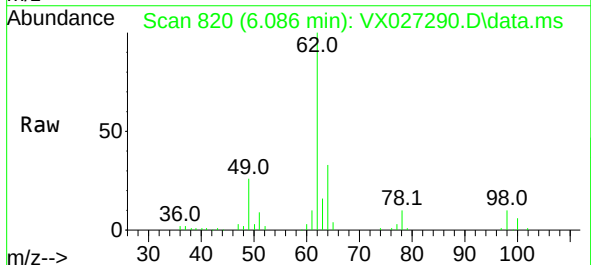
Manual Integrations
APPROVED

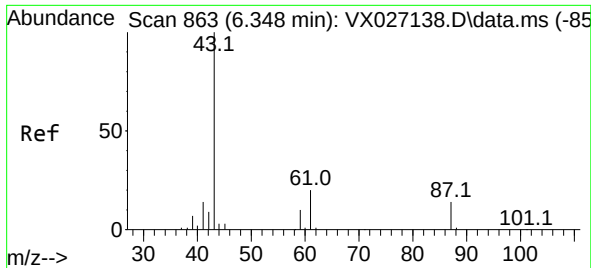
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
1,2-Dichloroethane
Concen: 53.798 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

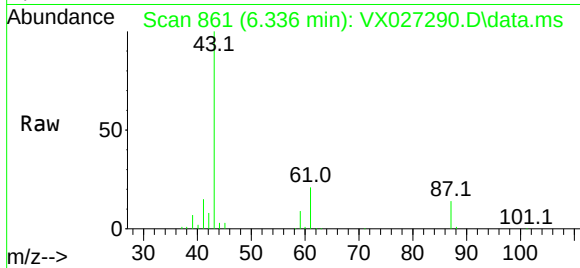
Tgt Ion: 62 Resp: 54266
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 49.903 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

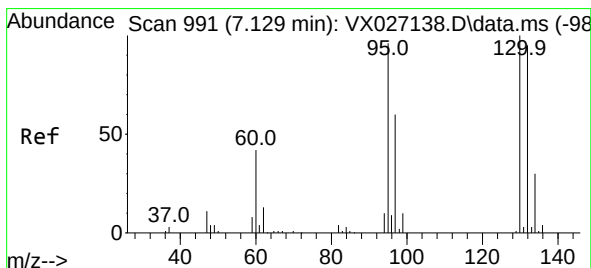
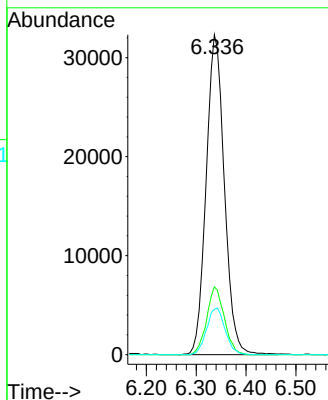
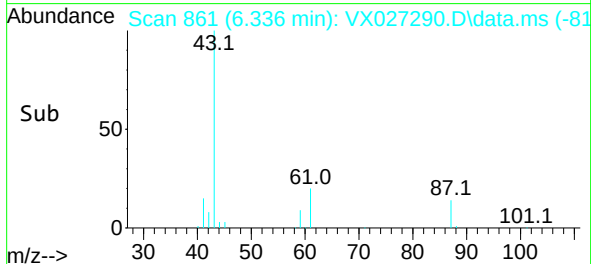
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8195
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 14.8 10.2 15.2

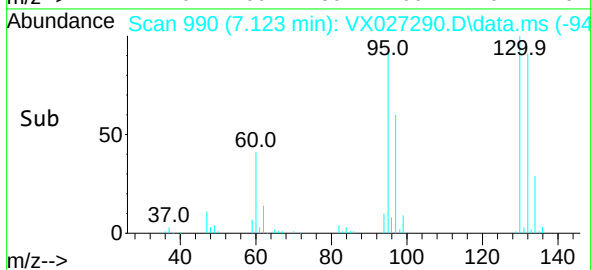
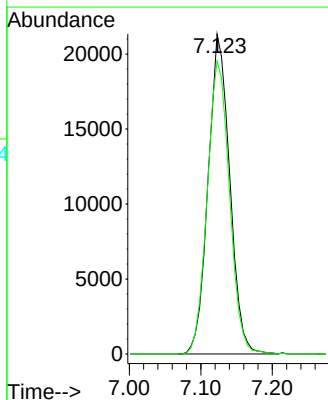
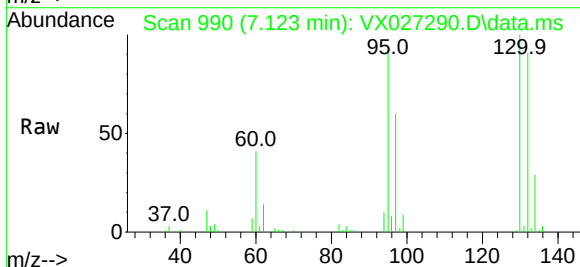
Manual Integrations
APPROVED

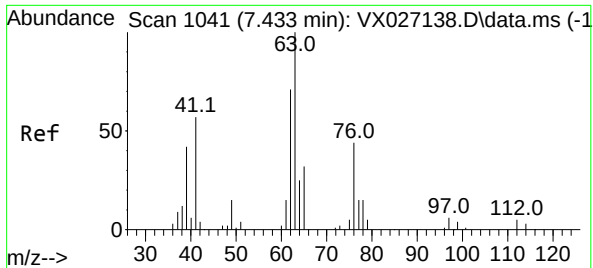
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#44
Trichloroethene
Concen: 52.688 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion:130 Resp: 44815
Ion Ratio Lower Upper
130 100
95 91.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 52.911 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 3675

Ion Ratio Lower Upper

63 100

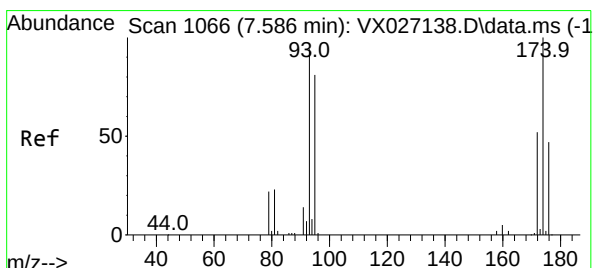
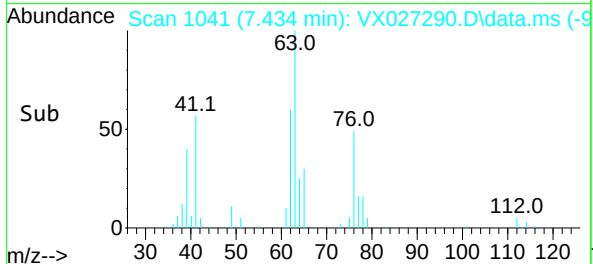
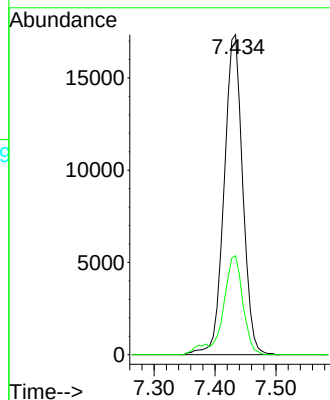
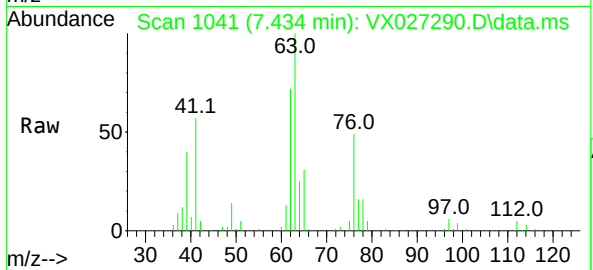
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 54.784 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

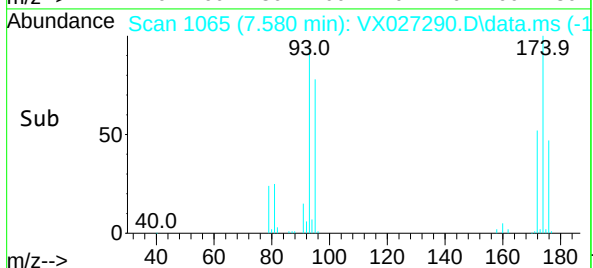
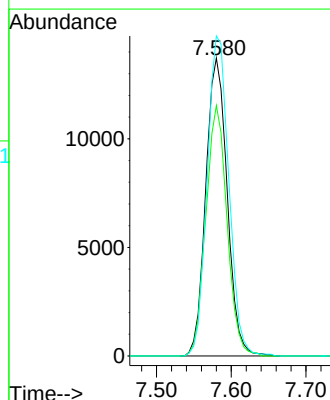
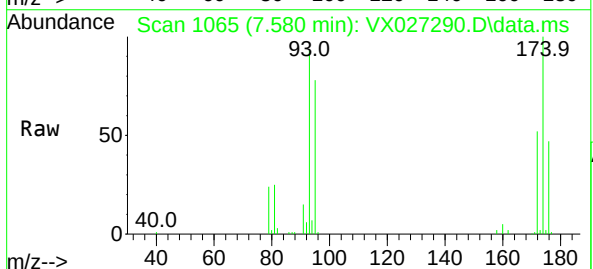
Tgt Ion: 93 Resp: 27337

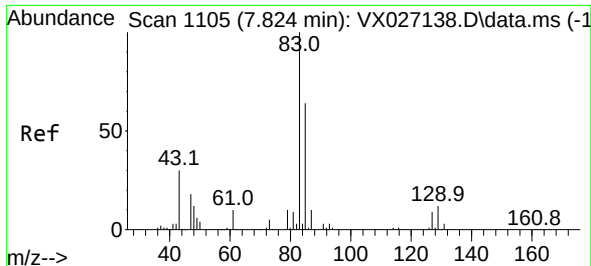
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

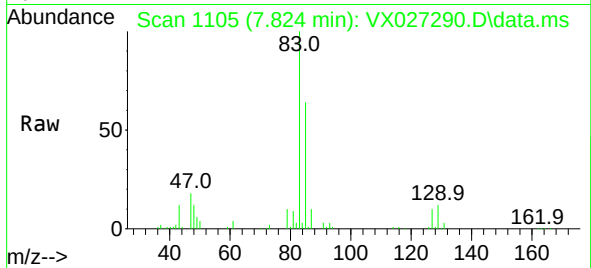
174 108.8 78.7 118.1





#47
Bromodichloromethane
Concen: 55.206 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

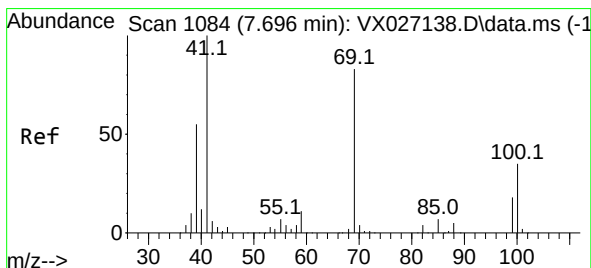
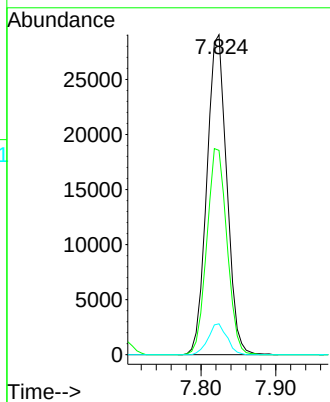
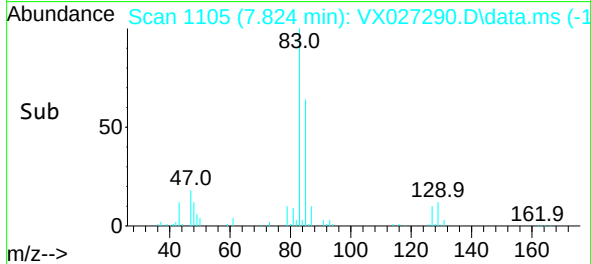
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



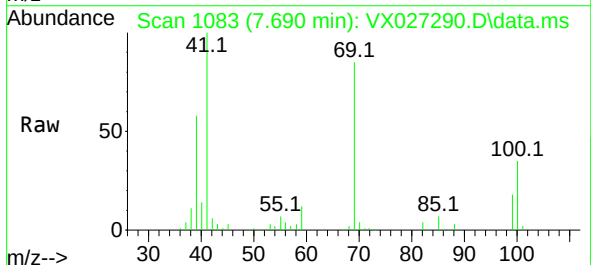
Tgt Ion: 83 Resp: 53768
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 9.7 6.9 10.3

Manual Integrations
APPROVED

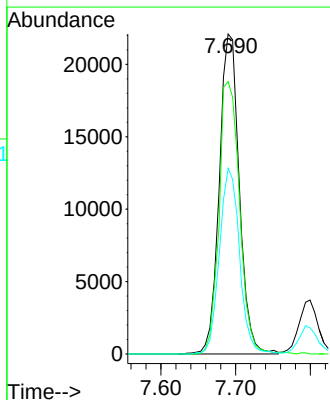
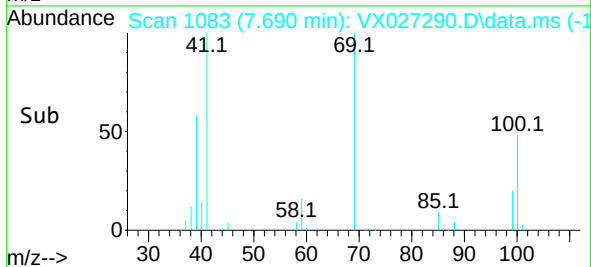
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

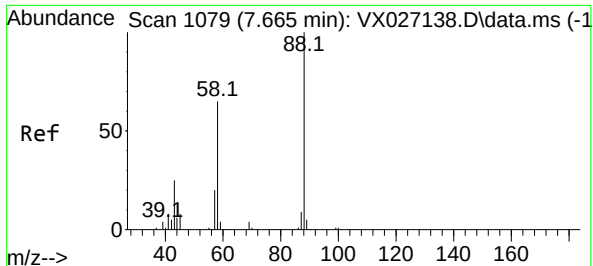


#48
Methyl methacrylate
Concen: 51.735 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 41 Resp: 41125
Ion Ratio Lower Upper
41 100
69 87.3 62.2 93.4
39 58.3 45.4 68.0





#49

1,4-Dioxane

Concen: 815.942 ug/l

RT: 7.653 min Scan# 1079

Delta R.T. -0.012 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1466

Ion Ratio Lower Upper

88 100

43 33.1 29.9 44.9

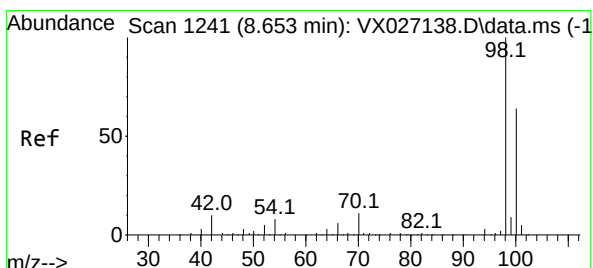
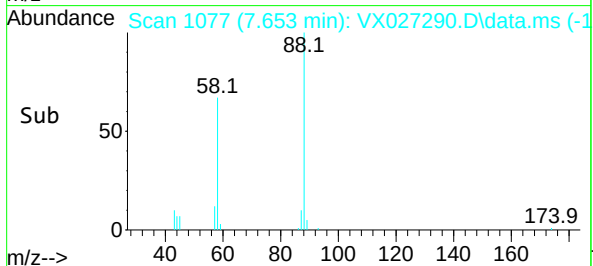
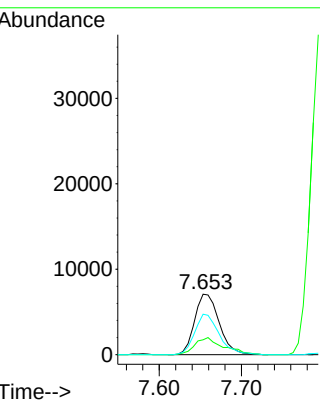
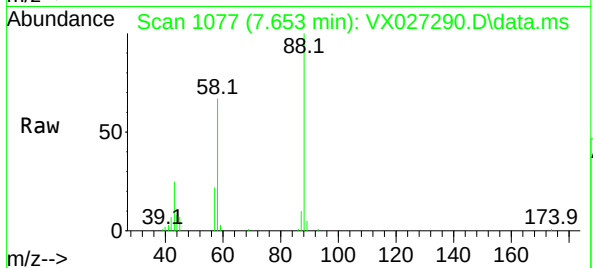
58 66.8 57.8 86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 50.277 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX027290.D

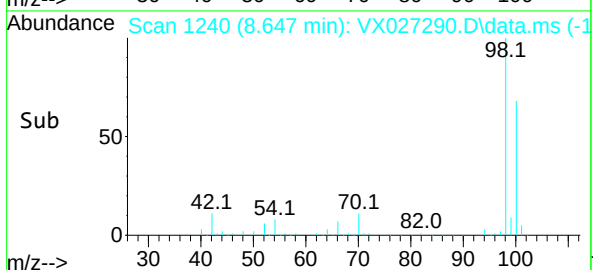
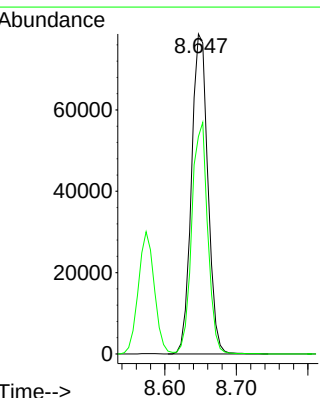
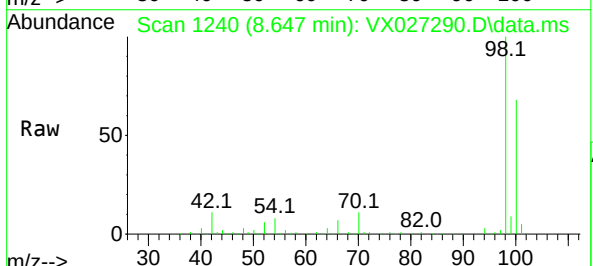
Acq: 04 Mar 2022 10:13

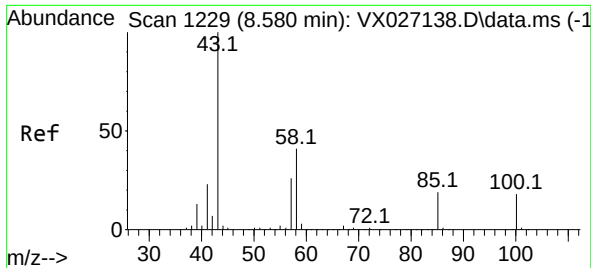
Tgt Ion: 98 Resp: 125244

Ion Ratio Lower Upper

98 100

100 70.4 53.2 79.8





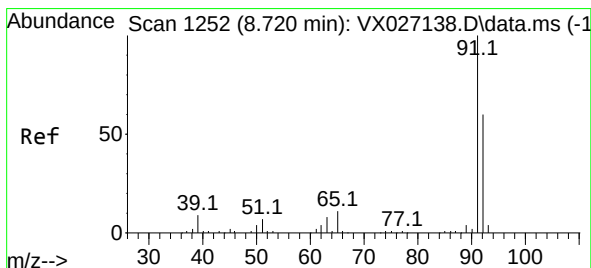
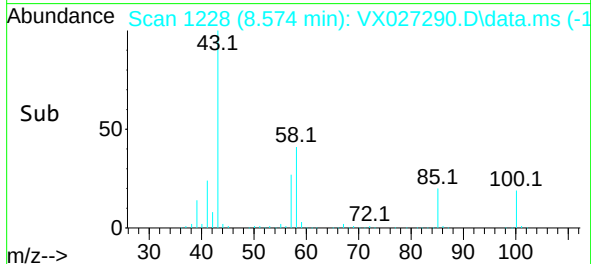
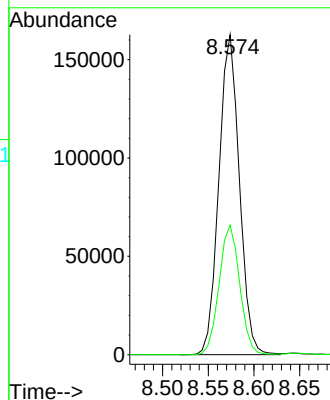
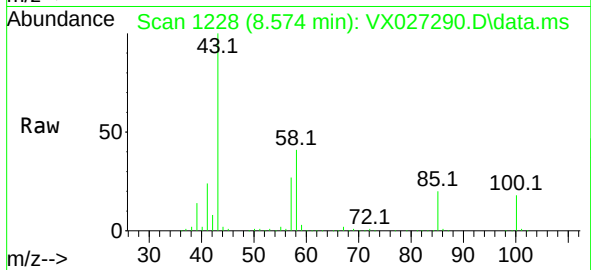
#51
4-Methyl-2-Pentanone
Concen: 238.005 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25404
Ion Ratio Lower Upper
43 100
58 40.6 30.5 45.7

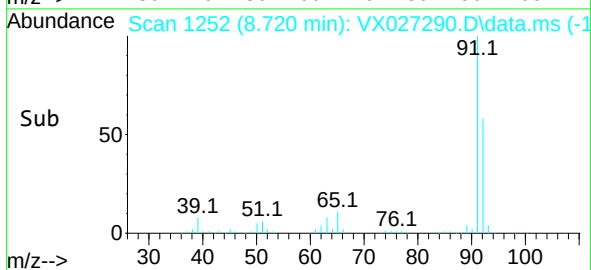
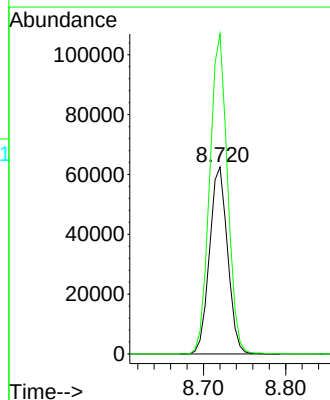
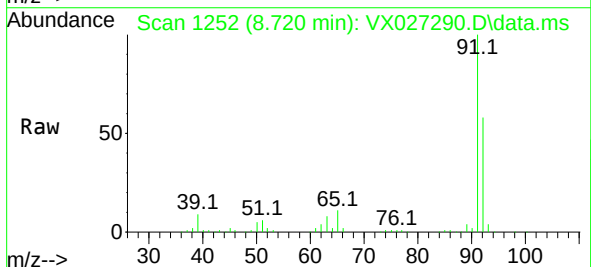
Manual Integrations
APPROVED

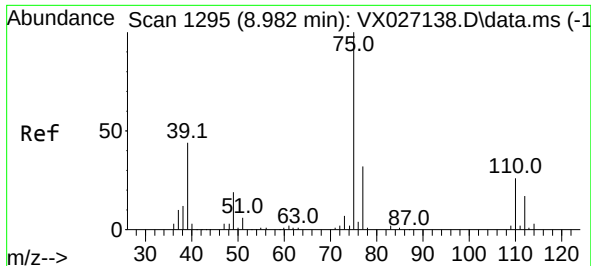
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 52.380 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion: 92 Resp: 95368
Ion Ratio Lower Upper
92 100
91 169.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 50.603 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 5581

Ion Ratio Lower Upper

75 100

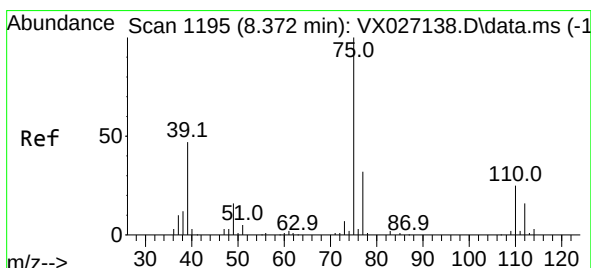
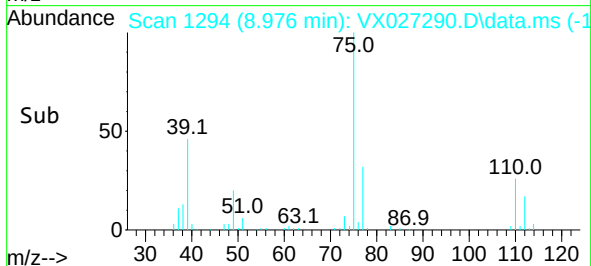
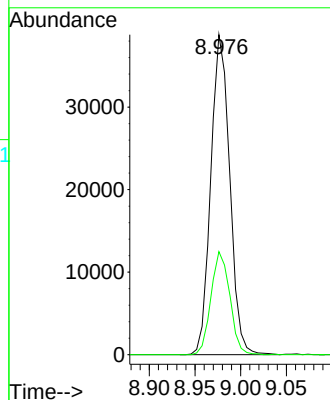
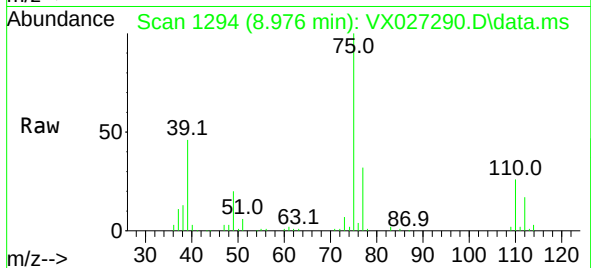
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#54

cis-1,3-Dichloropropene

Concen: 56.536 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

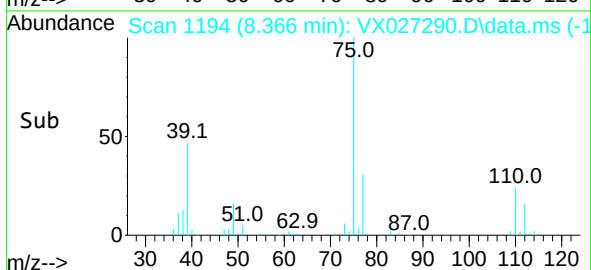
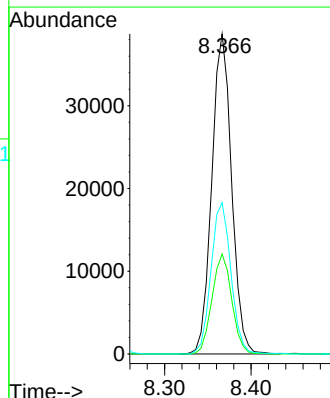
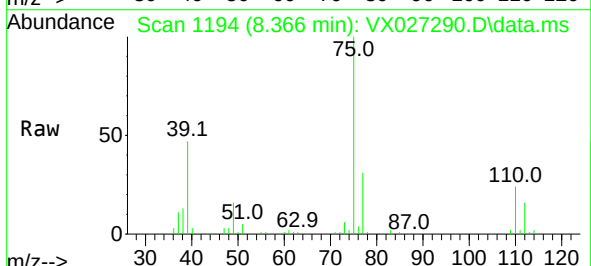
Tgt Ion: 75 Resp: 61465

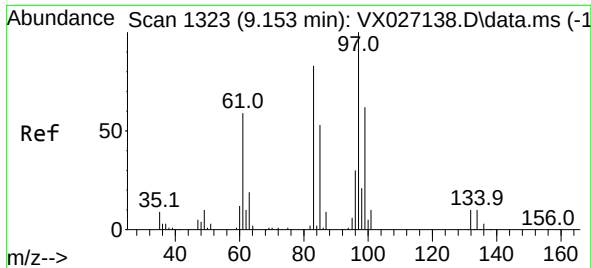
Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

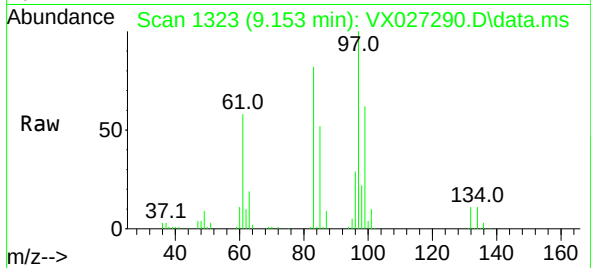
39 47.3 43.5 65.3





#55
 1,1,2-Trichloroethane
 Concen: 53.319 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

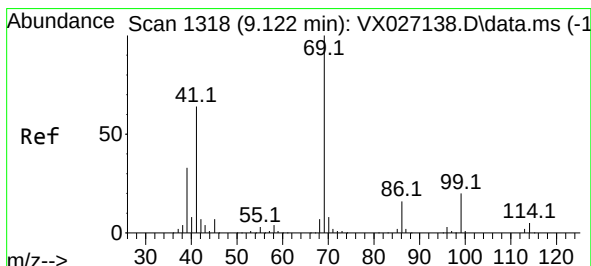
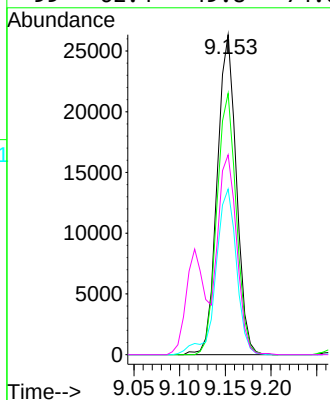
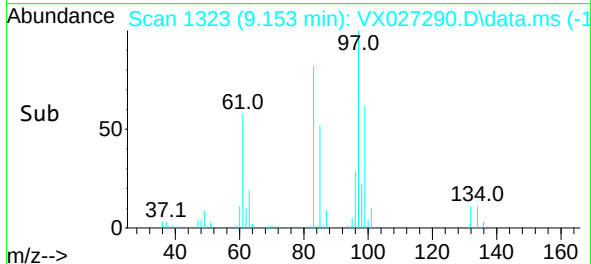


Tgt Ion: 97 Resp: 38450

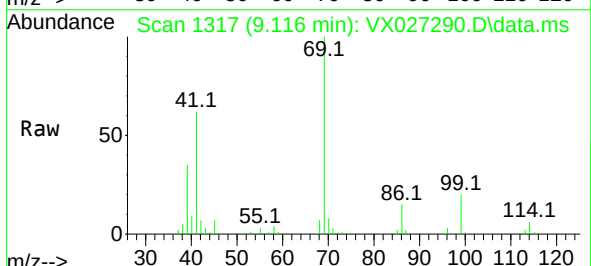
Ion	Ratio	Lower	Upper
97	100		
83	81.6	68.4	102.6
85	51.7	44.0	66.0
99	62.4	49.8	74.6

Manual Integrations
 APPROVED

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

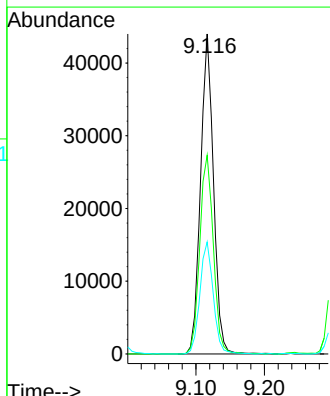
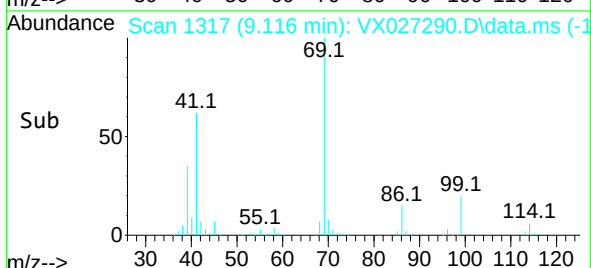


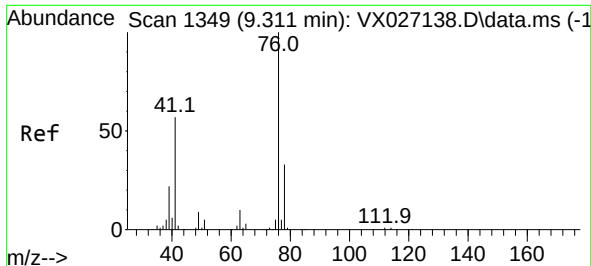
#56
 Ethyl methacrylate
 Concen: 51.637 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13



Tgt Ion: 69 Resp: 57974

Ion	Ratio	Lower	Upper
69	100		
41	65.3	57.2	85.8
39	36.2	30.9	46.3





#57

1,3-Dichloropropane

Concen: 53.364 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 6400

Ion Ratio Lower Upper

76 100

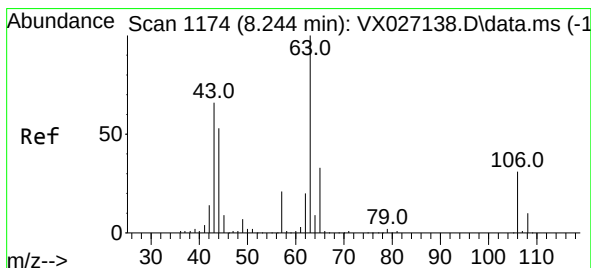
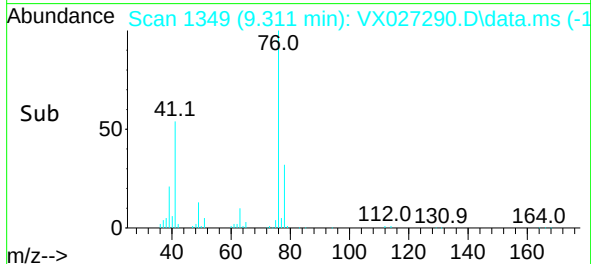
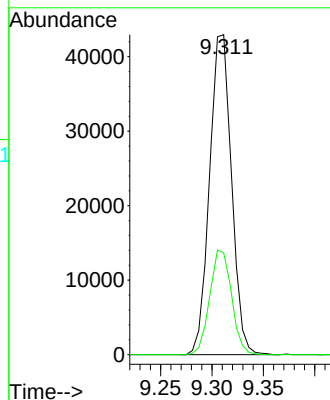
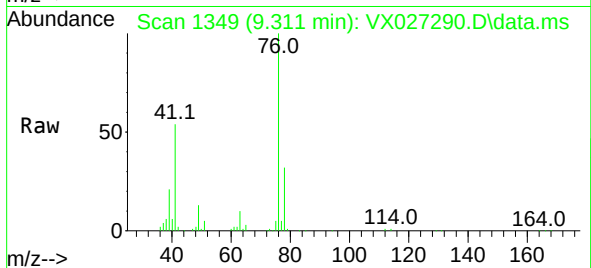
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 243.769 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX027290.D

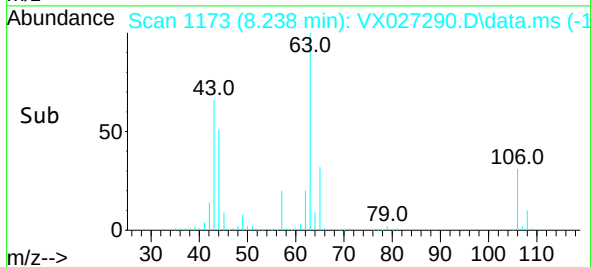
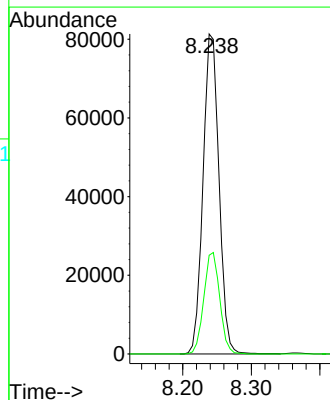
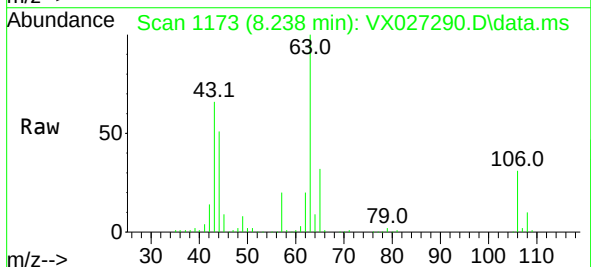
Acq: 04 Mar 2022 10:13

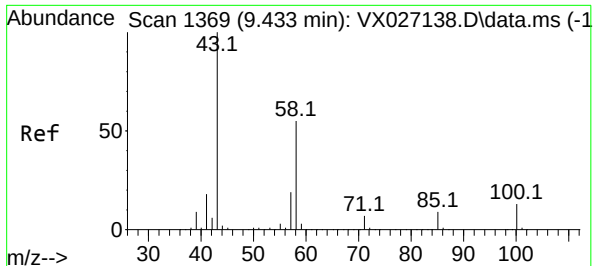
Tgt Ion: 63 Resp: 131922

Ion Ratio Lower Upper

63 100

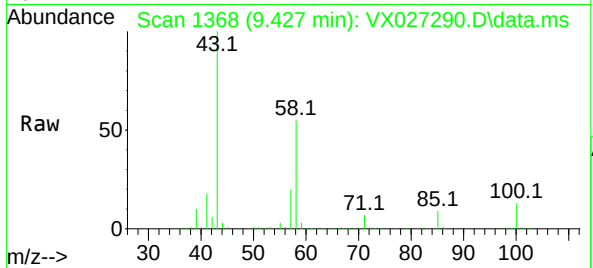
106 31.6 23.0 34.6





#59
2-Hexanone
Concen: 239.303 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

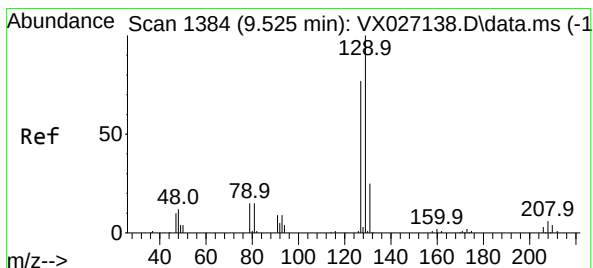
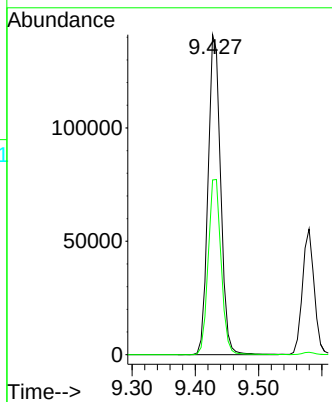
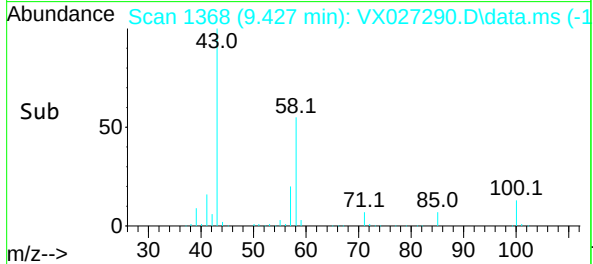
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 195225
Ion Ratio Lower Upper
43 100
58 56.2 26.4 79.2

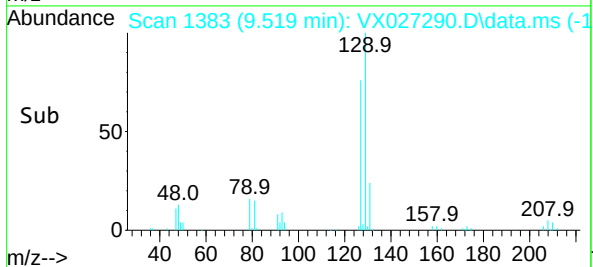
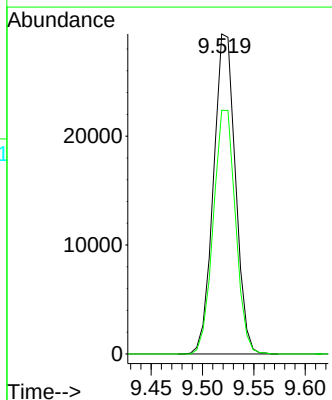
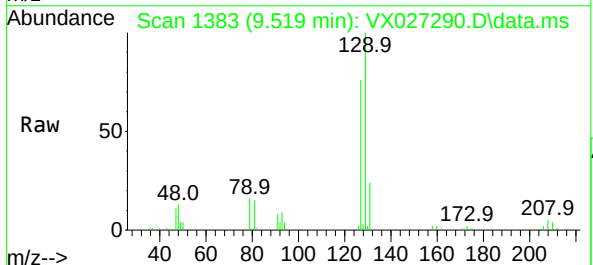
Manual Integrations
APPROVED

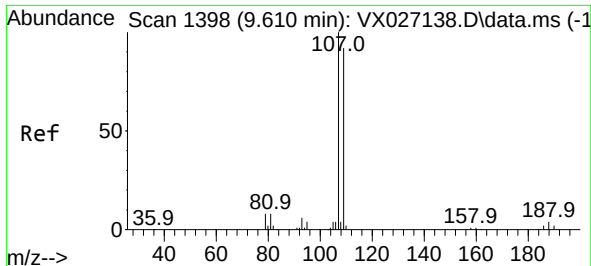
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
Dibromochloromethane
Concen: 58.329 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

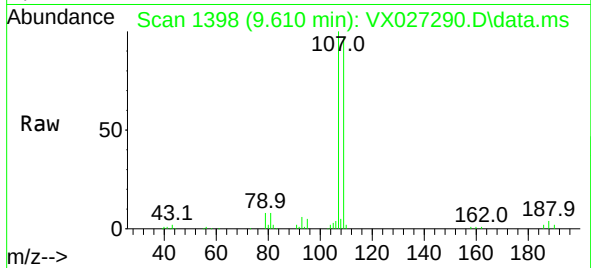
Tgt Ion:129 Resp: 43635
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.347 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

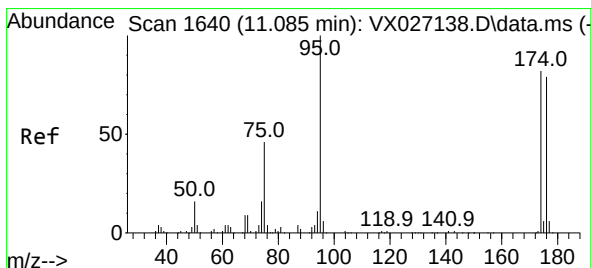
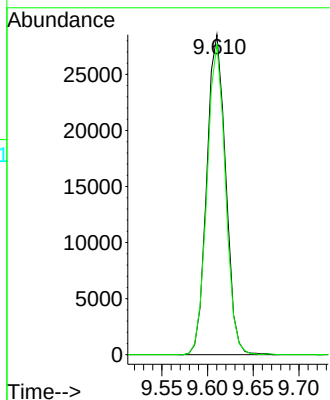
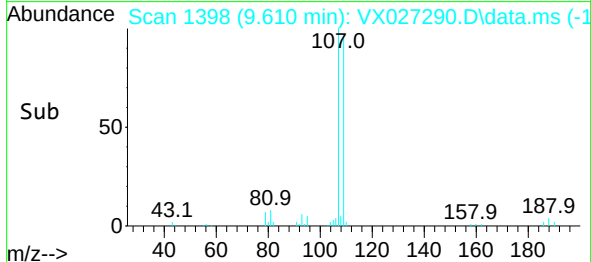
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



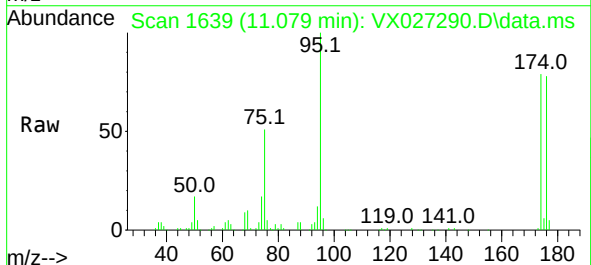
Tgt Ion:107 Resp: 40969
Ion Ratio Lower Upper
107 100
109 94.6 75.5 113.3

Manual Integrations
APPROVED

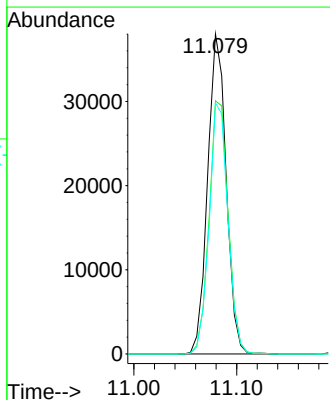
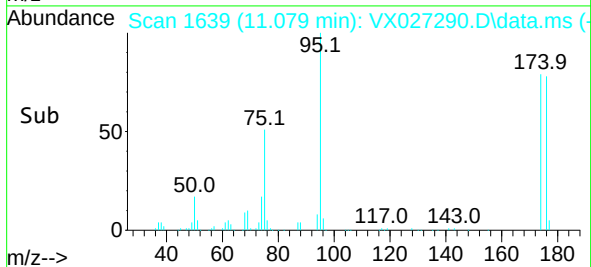
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

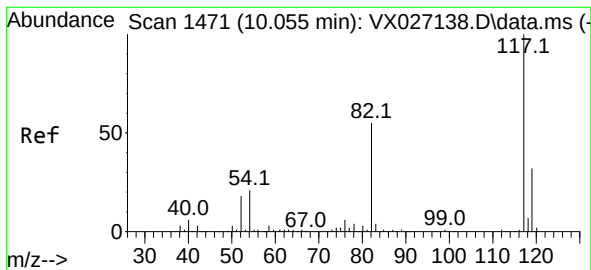


#62
4-Bromofluorobenzene
Concen: 49.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



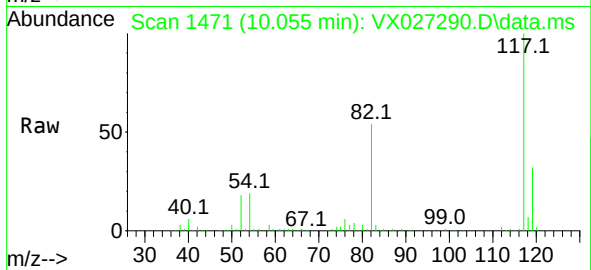
Tgt Ion: 95 Resp: 47491
Ion Ratio Lower Upper
95 100
174 81.8 0.0 148.6
176 79.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

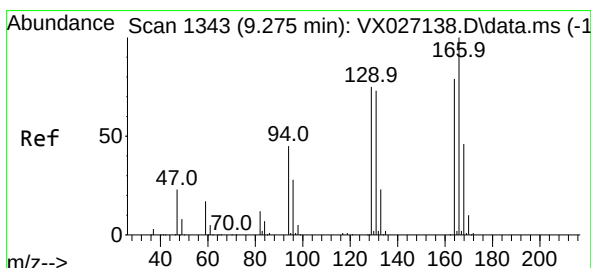
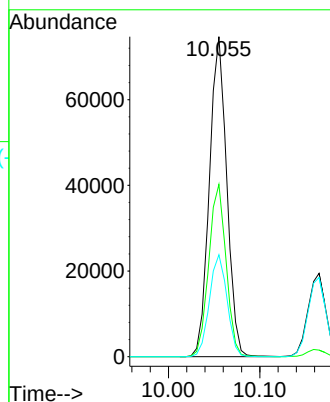
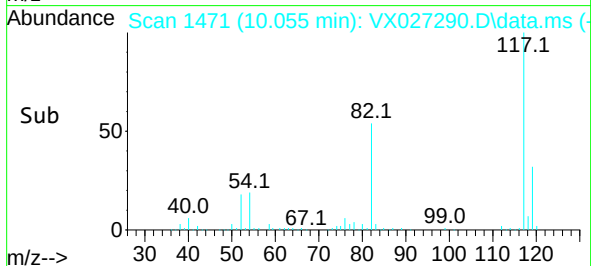
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 98776
Ion Ratio Lower Upper
117 100
82 53.8 45.2 67.8
119 31.9 26.2 39.2

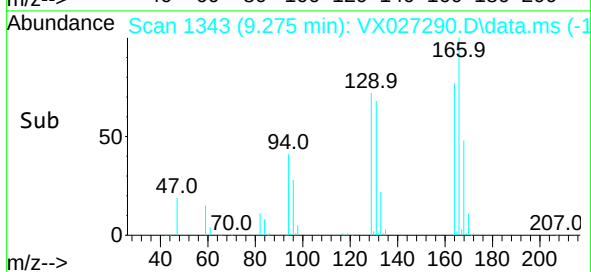
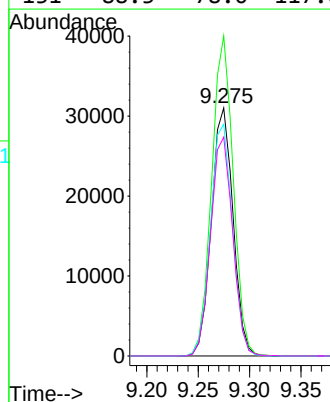
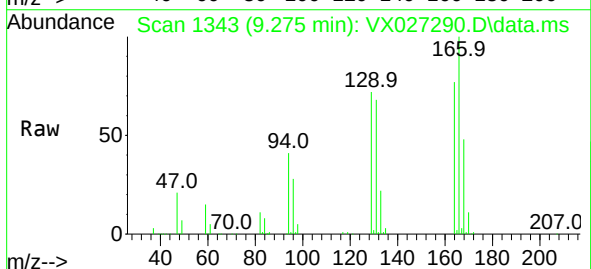
Manual Integrations
APPROVED

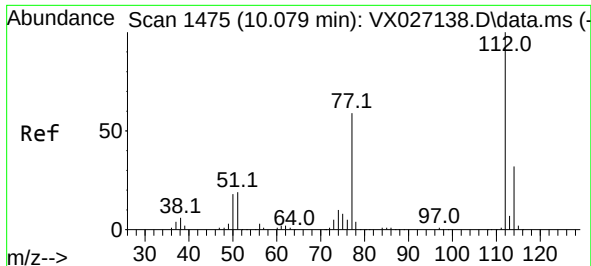
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#64
Tetrachloroethene
Concen: 50.815 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

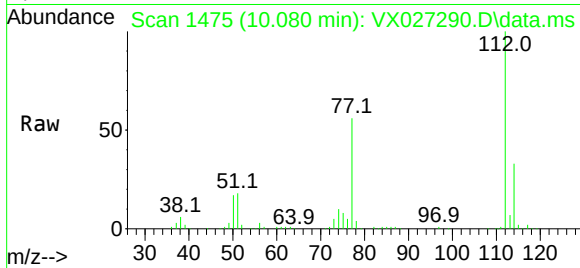
Tgt Ion:164 Resp: 45412
Ion Ratio Lower Upper
164 100
166 129.0 101.8 152.6
129 93.4 83.3 124.9
131 88.3 78.0 117.0





#65
Chlorobenzene
Concen: 53.916 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

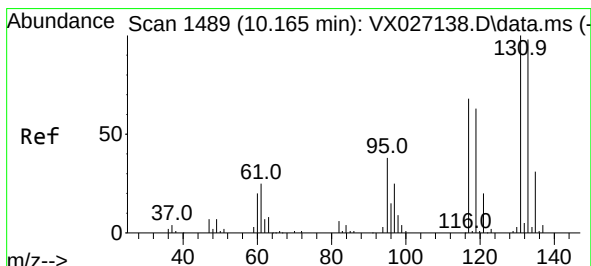
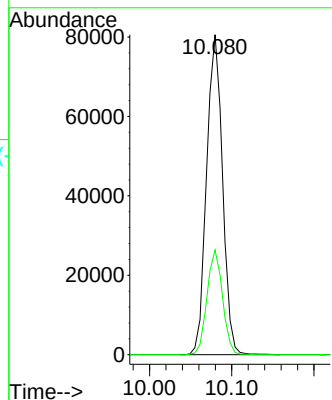
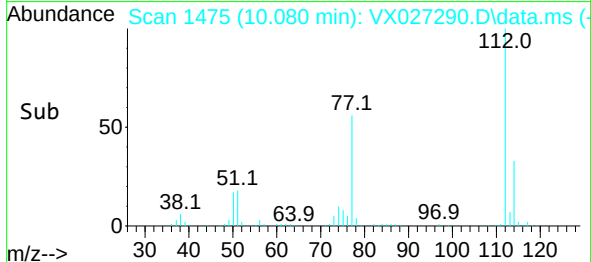
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



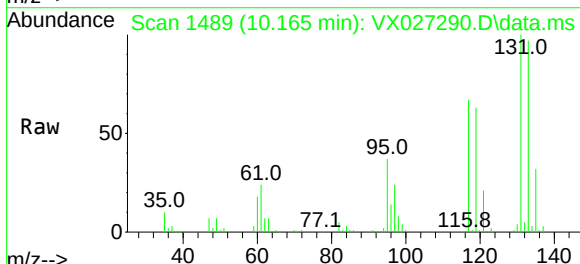
Tgt Ion:112 Resp: 108560
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

Manual Integrations
APPROVED

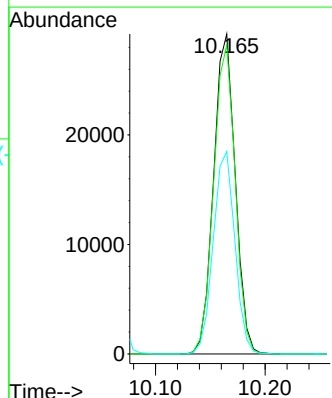
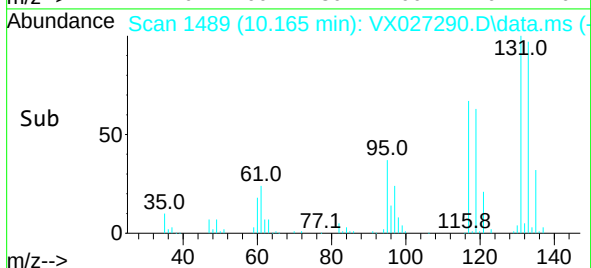
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

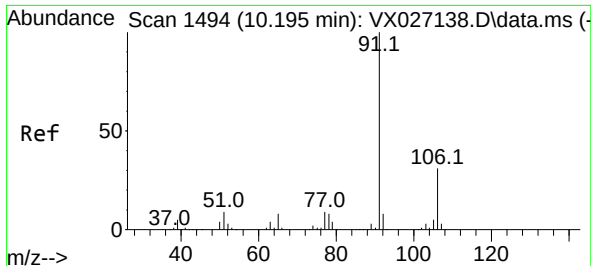


#66
1,1,1,2-Tetrachloroethane
Concen: 54.854 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion:131 Resp: 40053
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 52.570 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 185820

Ion Ratio Lower Upper

91 100

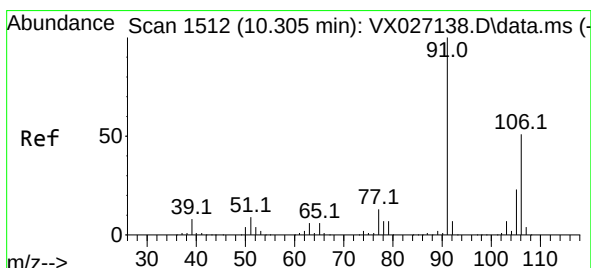
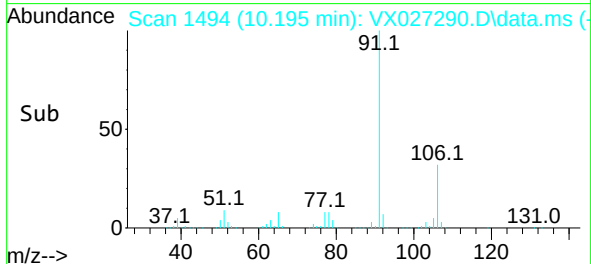
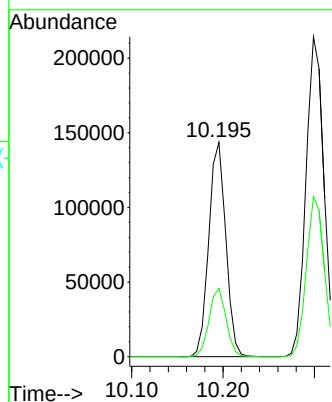
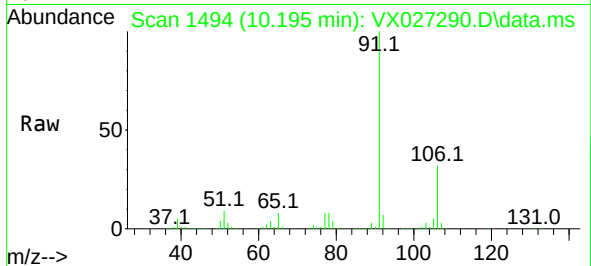
106 31.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

m/p-Xylenes

Concen: 107.586 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX027290.D

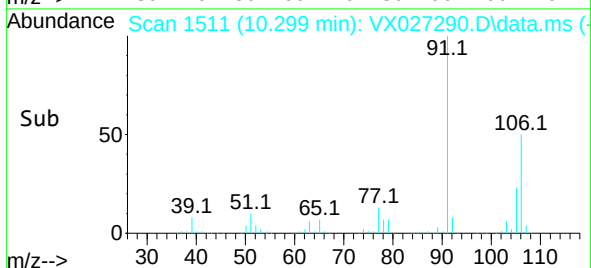
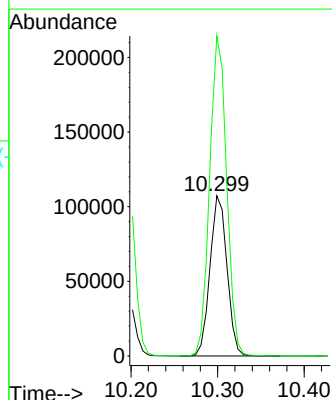
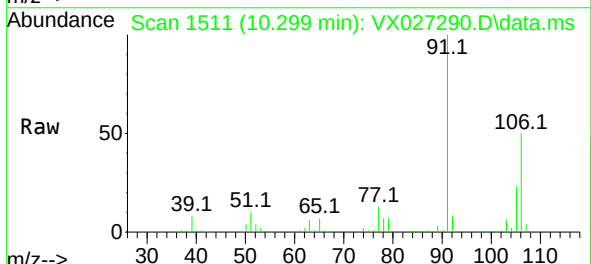
Acq: 04 Mar 2022 10:13

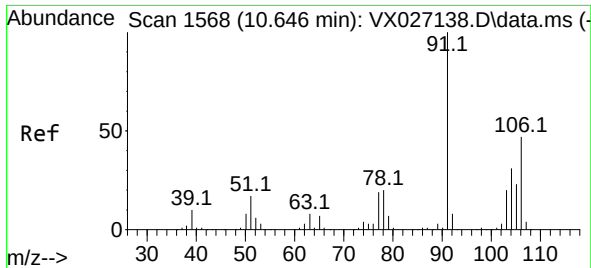
Tgt Ion:106 Resp: 146196

Ion Ratio Lower Upper

106 100

91 199.9 165.3 247.9





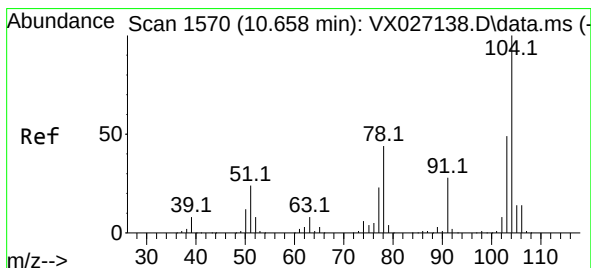
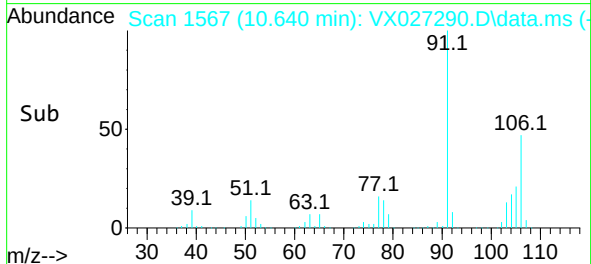
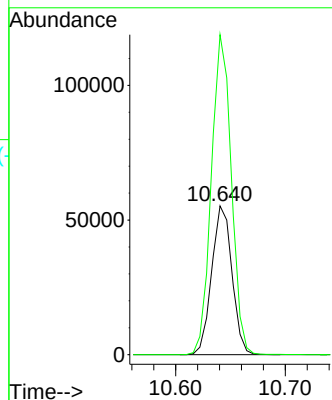
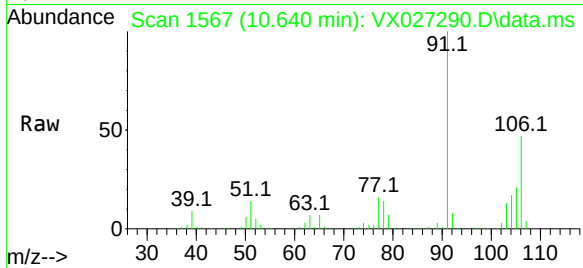
#69
o-Xylene
Concen: 52.045 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 7098
Ion Ratio Lower Upper
106 100
91 211.8 109.7 329.0

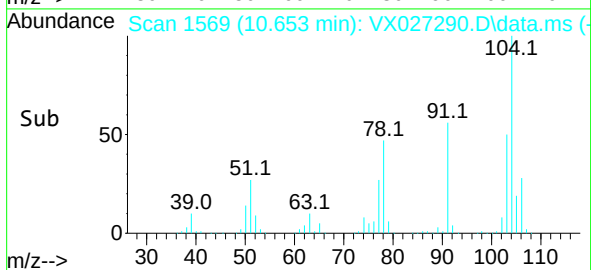
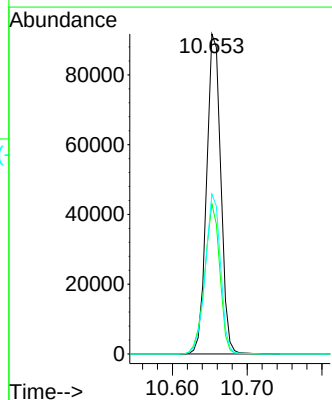
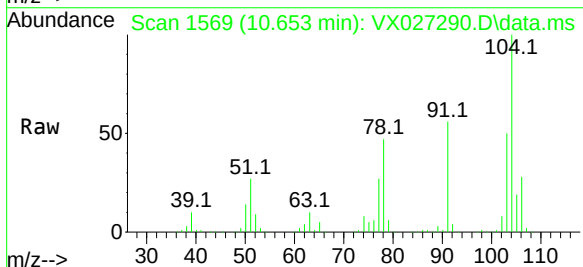
Manual Integrations
APPROVED

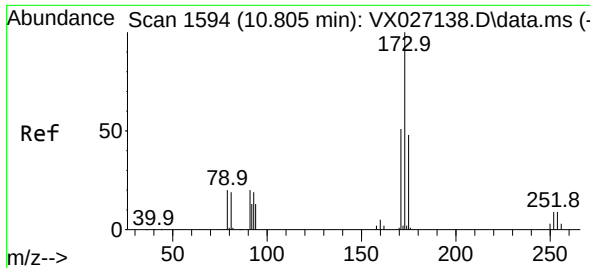
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Styrene
Concen: 54.319 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

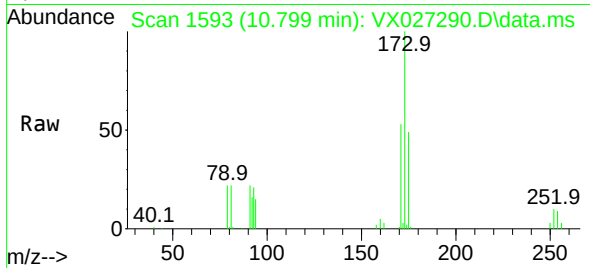
Tgt Ion:104 Resp: 121222
Ion Ratio Lower Upper
104 100
78 49.7 42.5 63.7
103 53.4 43.3 64.9





#71
Bromoform
Concen: 48.952 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

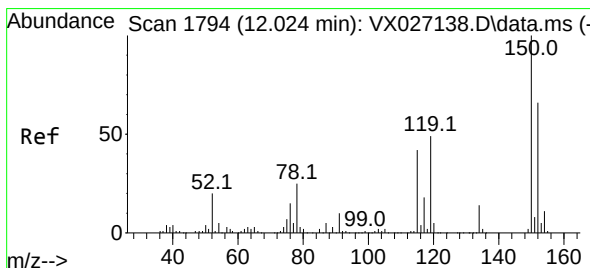
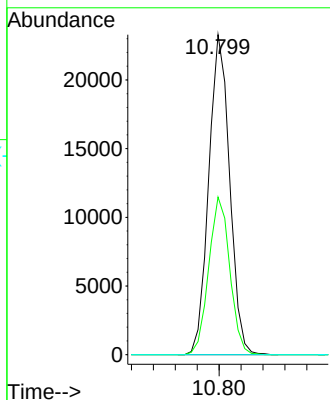
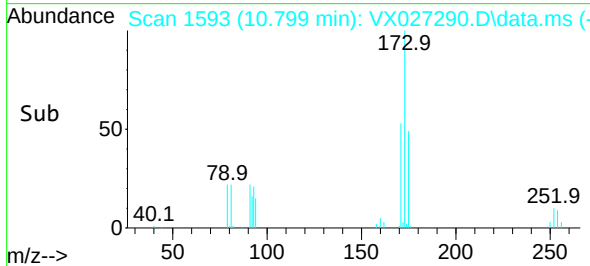
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



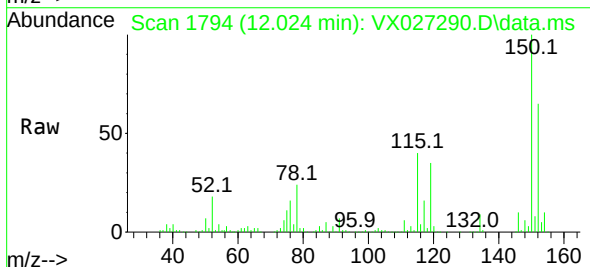
Tgt Ion:173 Resp: 30792
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

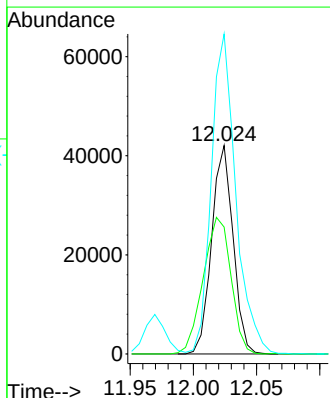
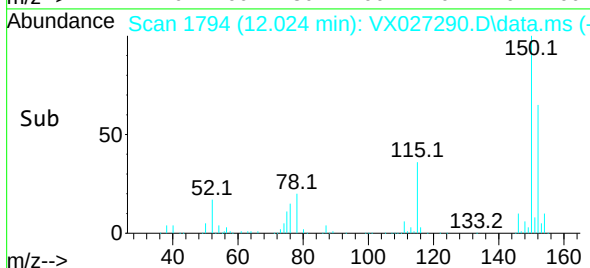
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

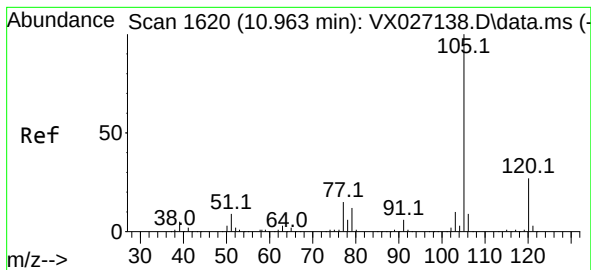


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion:152 Resp: 49494
Ion Ratio Lower Upper
152 100
115 85.2 44.2 132.6
150 175.8 0.0 348.2





#73

Isopropylbenzene

Concen: 53.192 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 18838

Ion Ratio Lower Upper

105 100

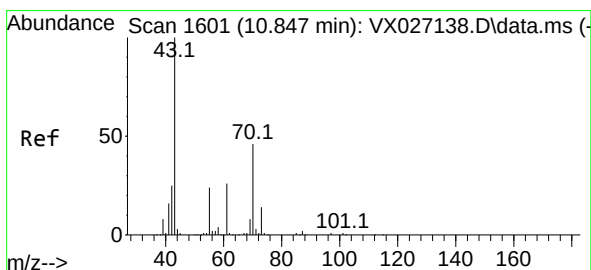
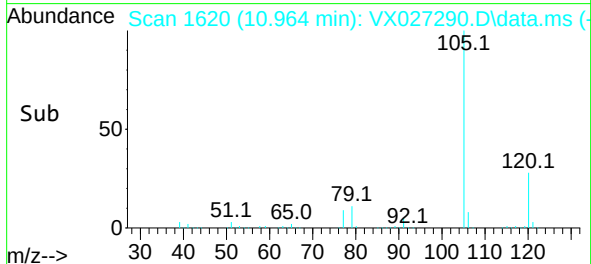
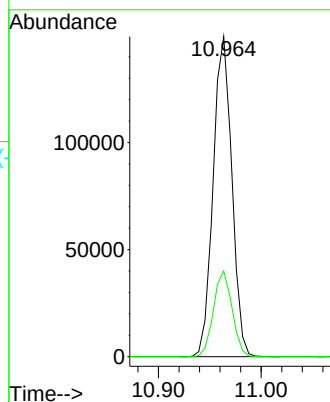
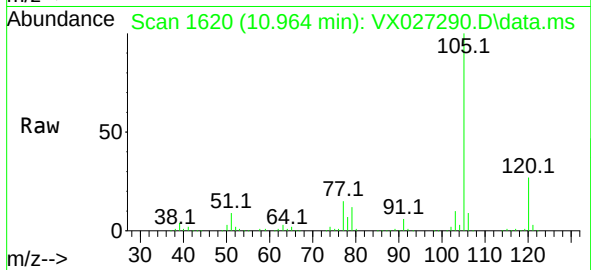
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#74

N-ethyl acetate

Concen: 50.264 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.005 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Tgt Ion: 43 Resp: 67732

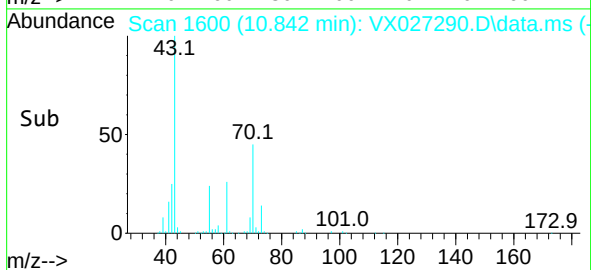
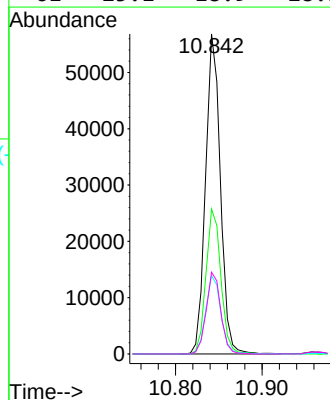
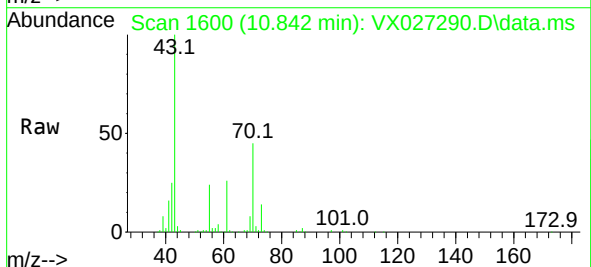
Ion Ratio Lower Upper

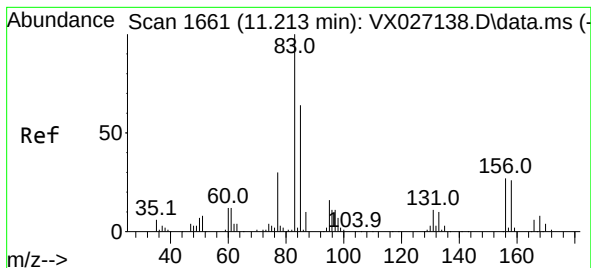
43 100

70 45.5 32.9 49.3

55 25.2 18.3 27.5

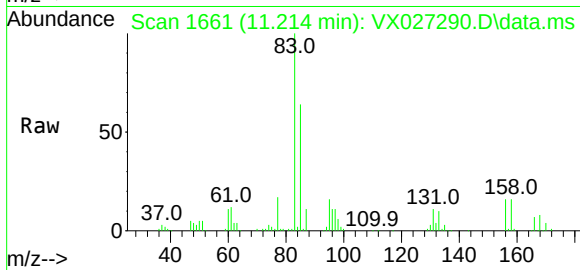
61 25.1 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 51.152 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

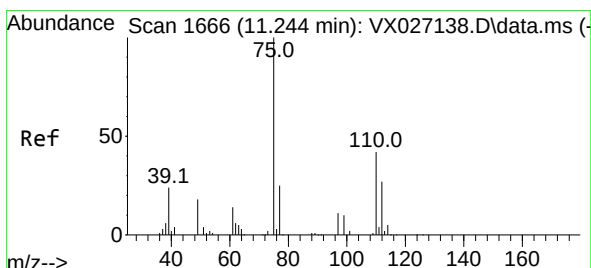
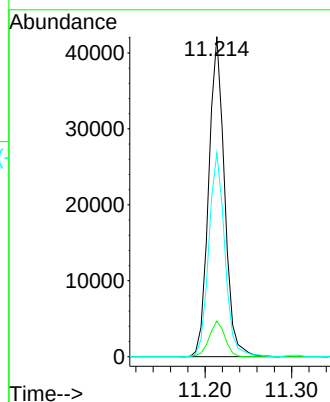
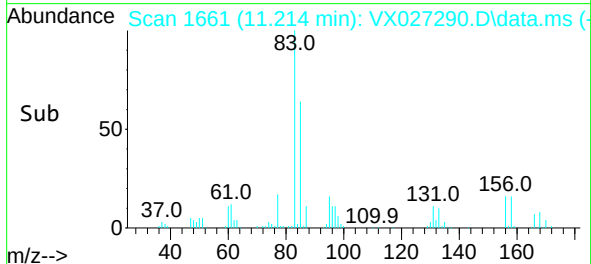
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



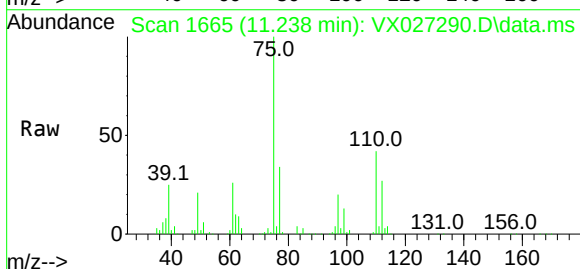
Tgt Ion: 83 Resp: 53508
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 64.4 32.0 96.2

Manual Integrations
APPROVED

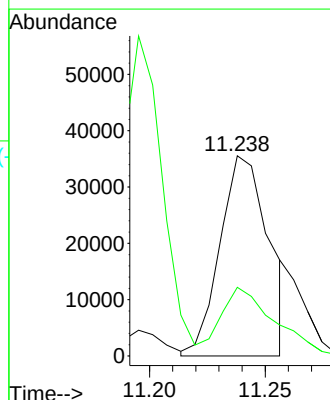
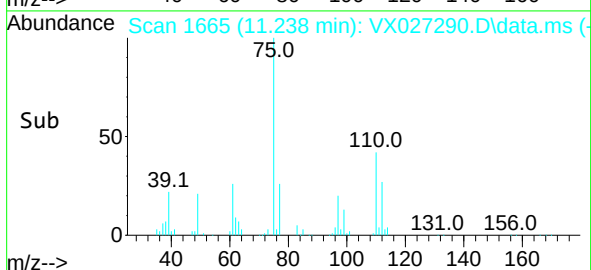
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

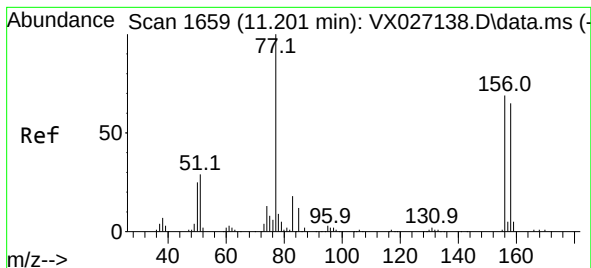


#76
1,2,3-Trichloropropane
Concen: 52.281 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 75 Resp: 52120
Ion Ratio Lower Upper
75 100
77 38.2 18.3 54.8





#77

Bromobenzene

Concen: 53.575 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

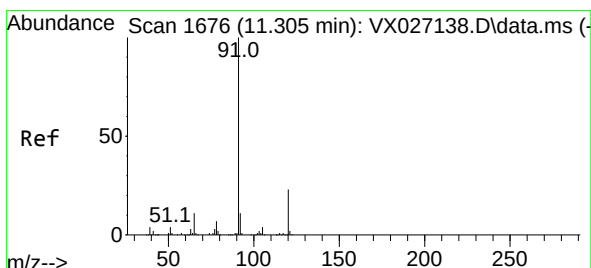
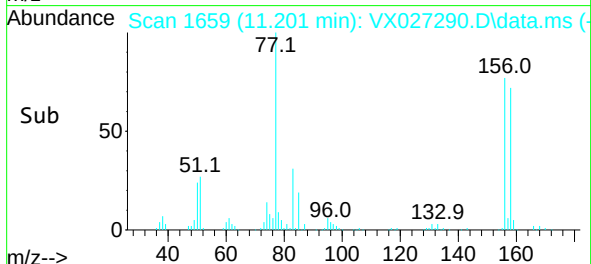
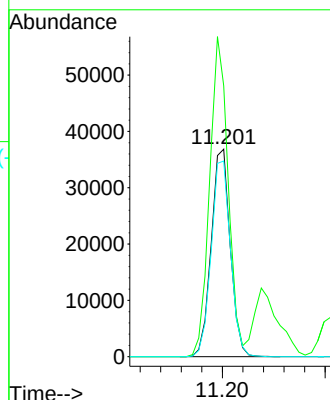
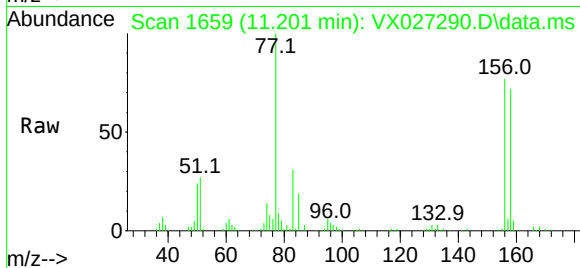
Tgt Ion:	156	Resp:	4732
Ion Ratio	Lower	Upper	
156	100		
77	149.5	84.5	253.4
158	95.7	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#78

n-propylbenzene

Concen: 54.021 ug/l

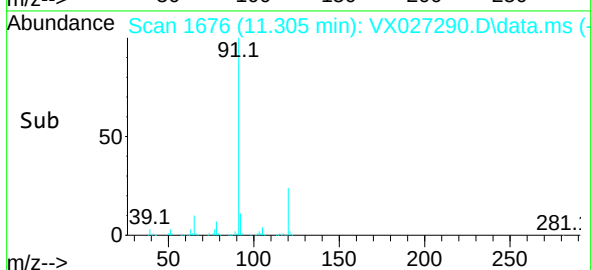
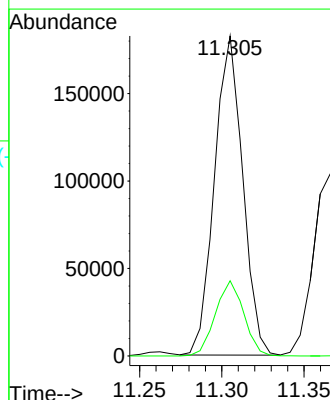
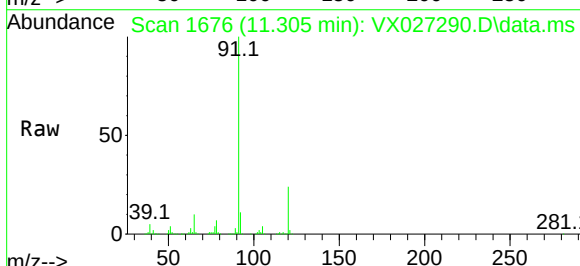
RT: 11.305 min Scan# 1676

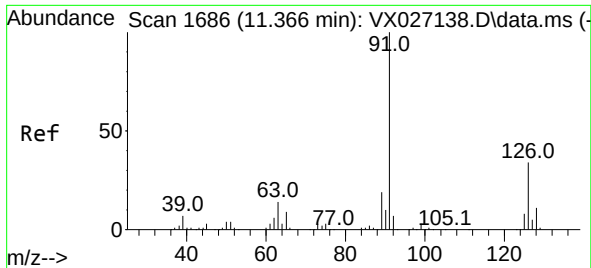
Delta R.T. -0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Tgt Ion:	91	Resp:	217450
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.7





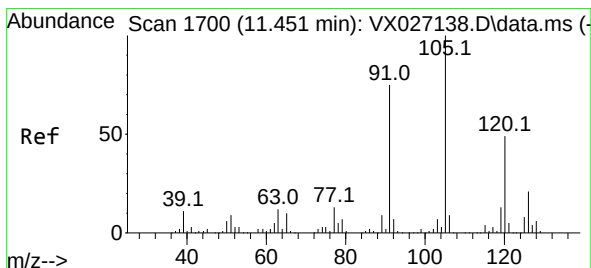
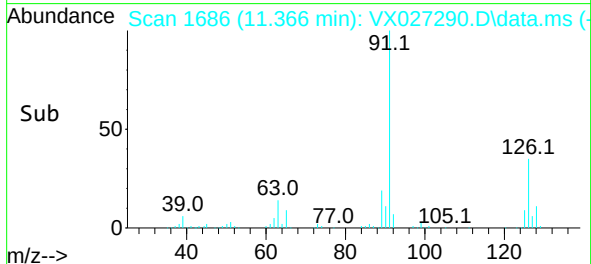
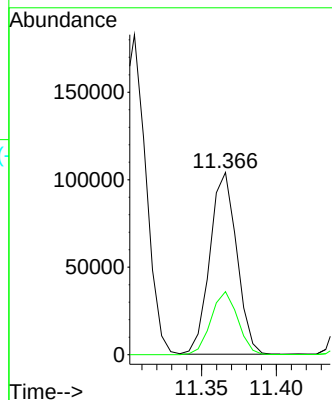
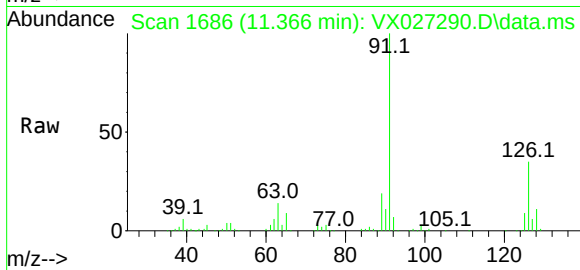
#79
2-Chlorotoluene
Concen: 52.709 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 130015
Ion Ratio Lower Upper
91 100
126 34.5 16.4 49.2

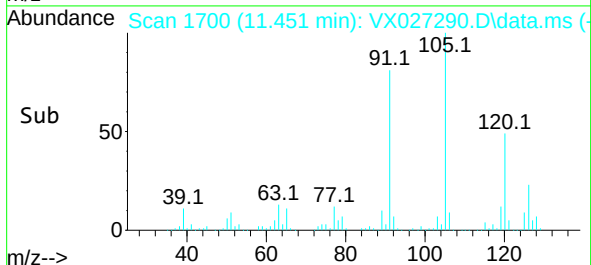
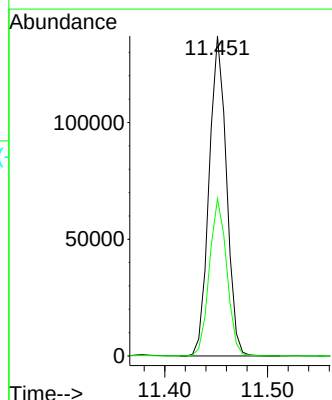
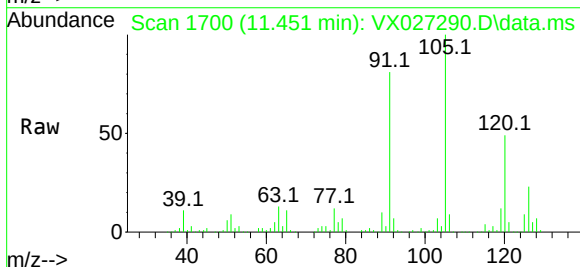
Manual Integrations
APPROVED

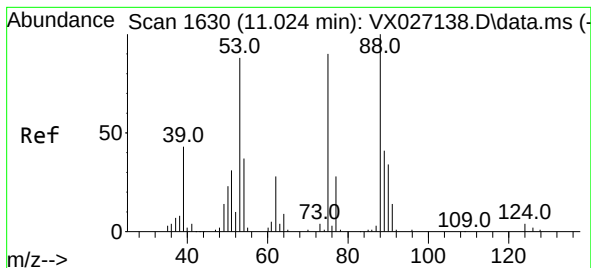
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Tgt Ion:105 Resp: 160758
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0





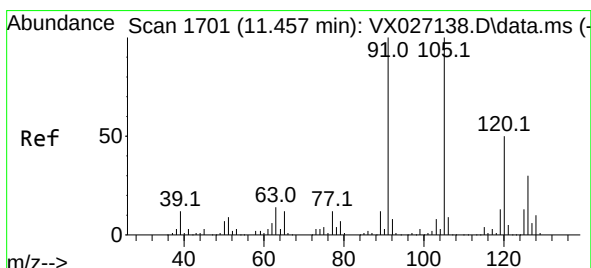
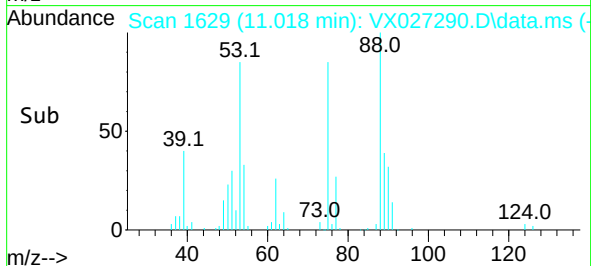
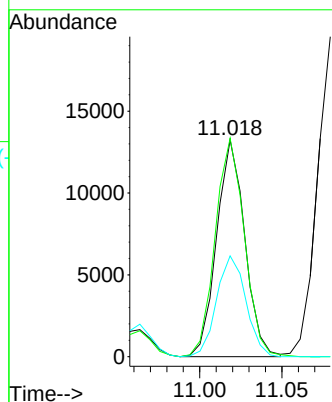
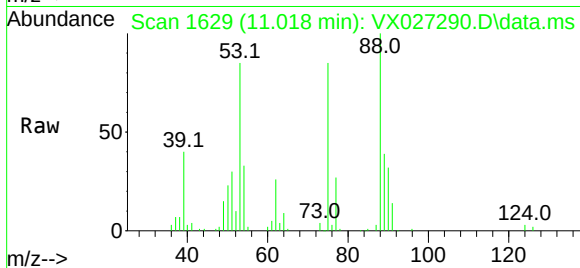
#81
trans-1,4-Dichloro-2-butene
Concen: 46.625 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 1576
Ion Ratio Lower Upper
75 100
53 104.2 94.0 141.0
89 48.4 37.0 55.4

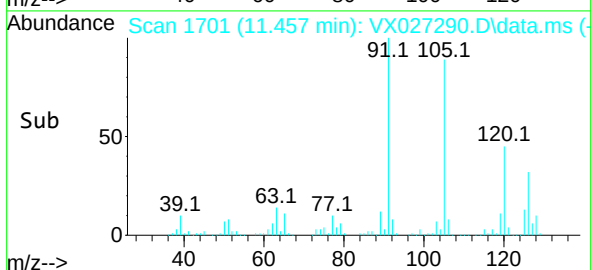
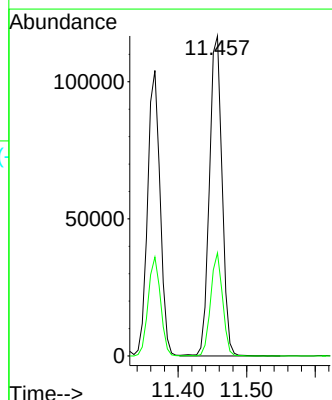
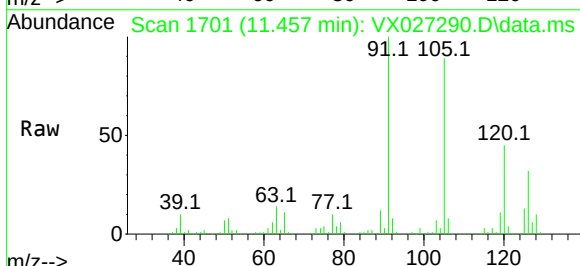
Manual Integrations
APPROVED

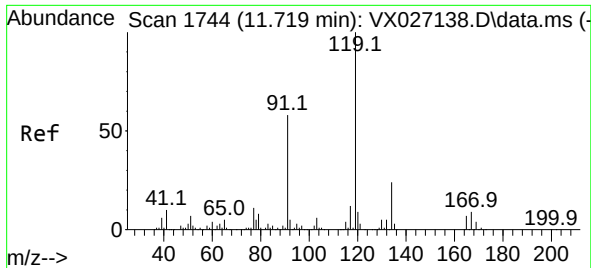
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#82
4-Chlorotoluene
Concen: 53.239 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

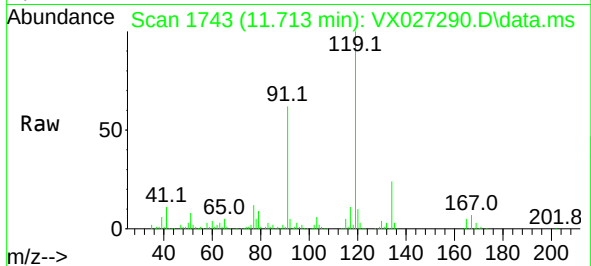
Tgt Ion: 91 Resp: 150021
Ion Ratio Lower Upper
91 100
126 30.5 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.714 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

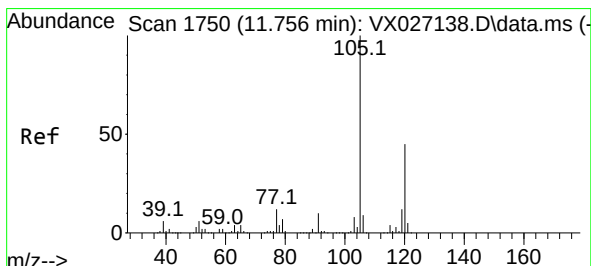
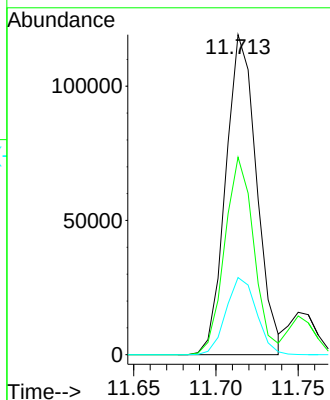
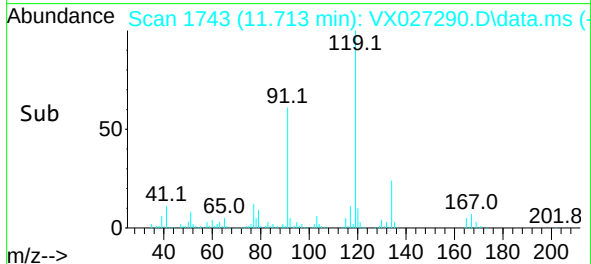
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 155540
Ion Ratio Lower Upper
119 100
91 58.7 31.4 94.0
134 23.8 11.8 35.3

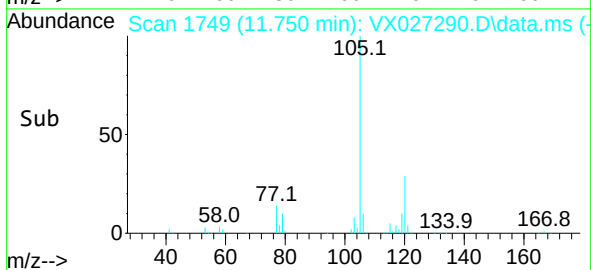
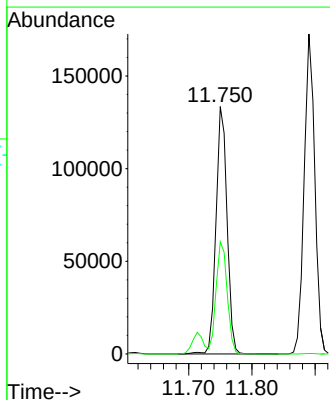
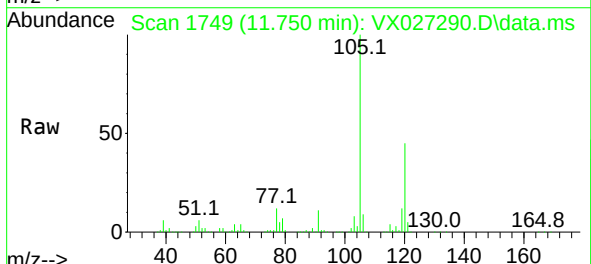
Manual Integrations
APPROVED

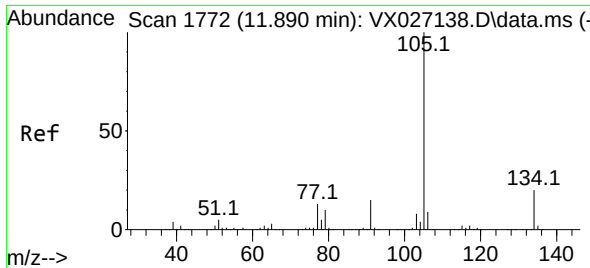
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.676 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

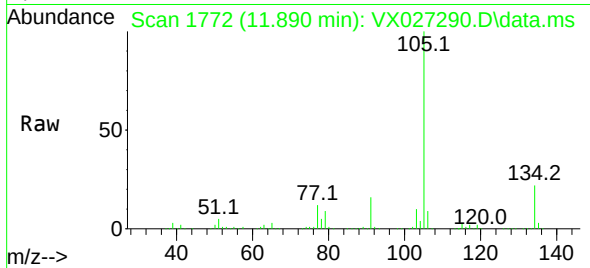
Tgt Ion:105 Resp: 161962
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 55.240 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13

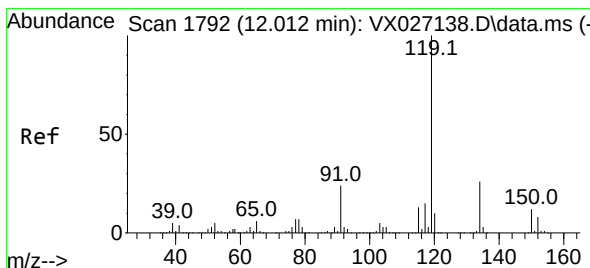
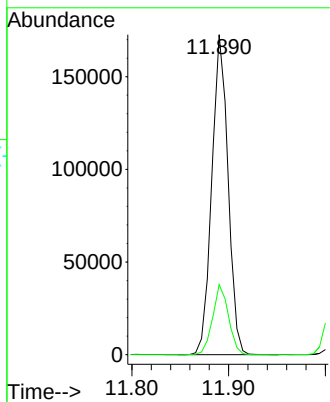
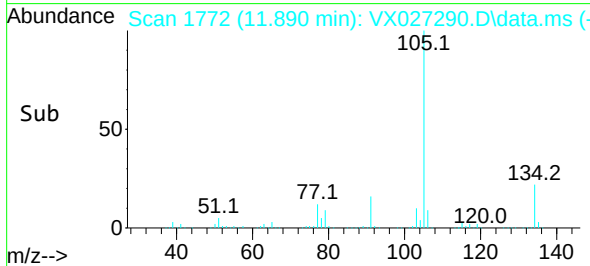
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



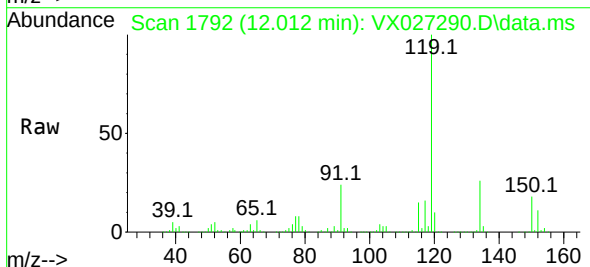
Tgt Ion:105 Resp: 200570
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.1

Manual Integrations
 APPROVED

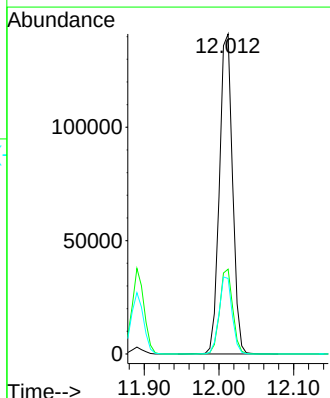
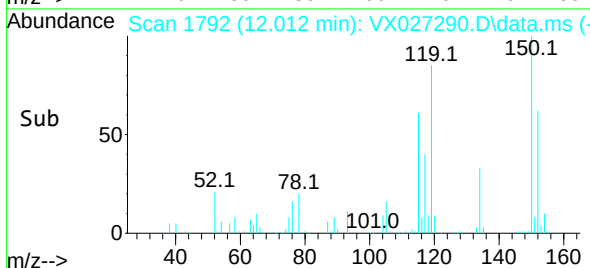
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

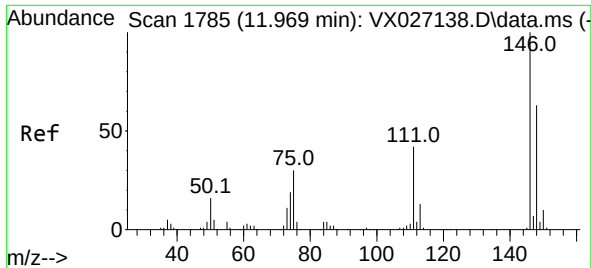


#86
 p-Isopropyltoluene
 Concen: 55.690 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027290.D
 Acq: 04 Mar 2022 10:13



Tgt Ion:119 Resp: 172380
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.9 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 54.296 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

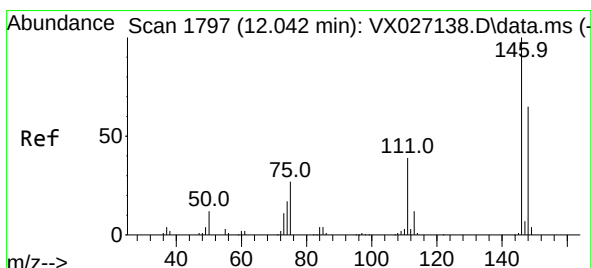
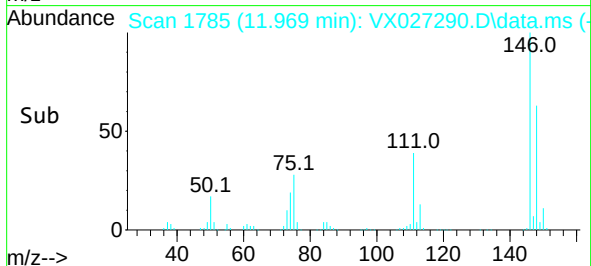
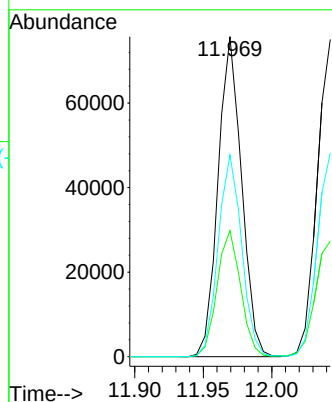
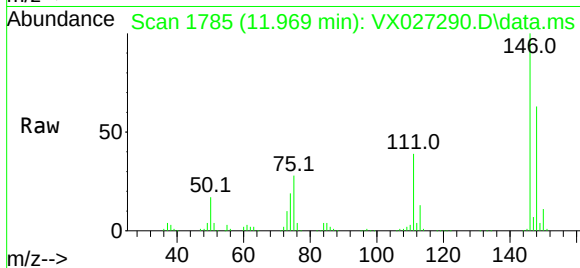
Tgt Ion:146 Resp: 9025
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.3 63.7
 148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#88

1,4-Dichlorobenzene

Concen: 53.025 ug/l

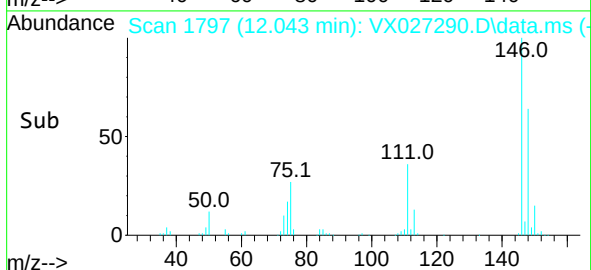
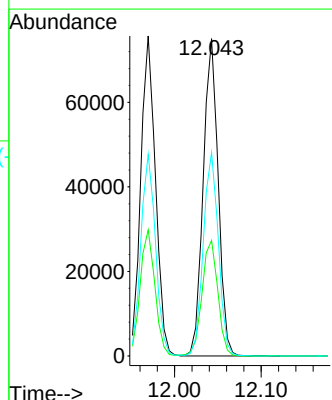
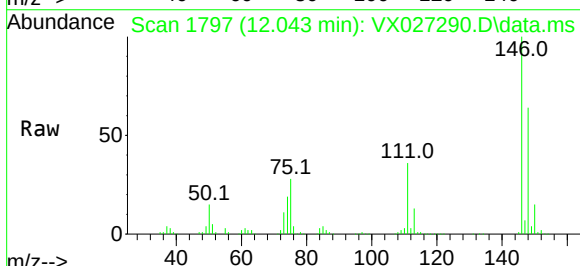
RT: 12.043 min Scan# 1797

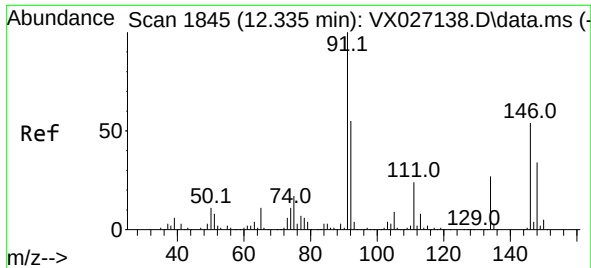
Delta R.T. 0.001 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Tgt Ion:146 Resp: 90121
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.2 60.6
 148 64.6 31.4 94.0





#89

n-Butylbenzene

Concen: 55.845 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027290.D

Acq: 04 Mar 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 144479

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

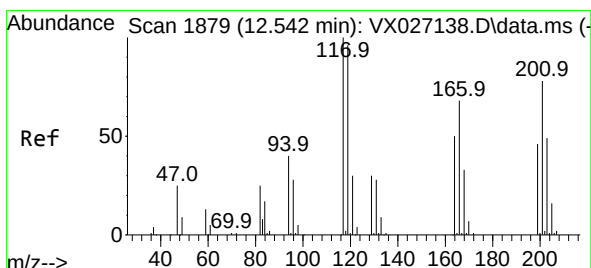
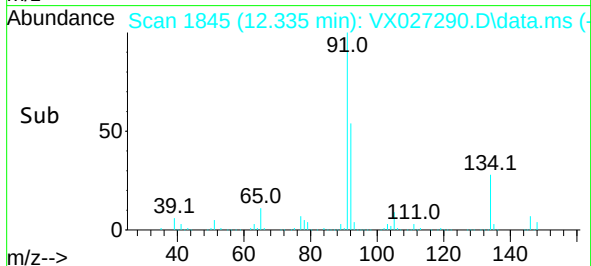
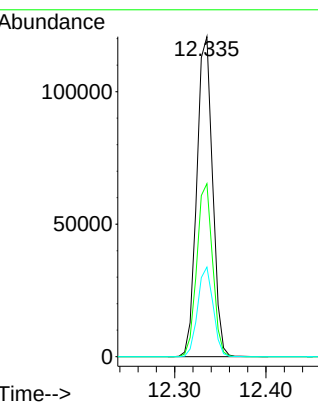
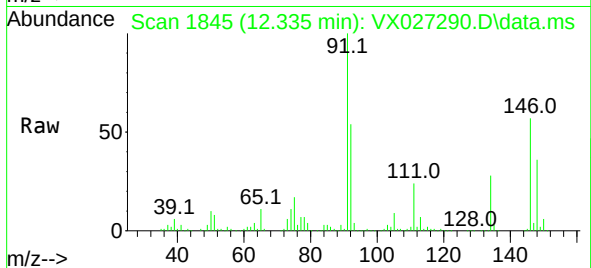
134 27.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#90

Hexachloroethane

Concen: 53.970 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX027290.D

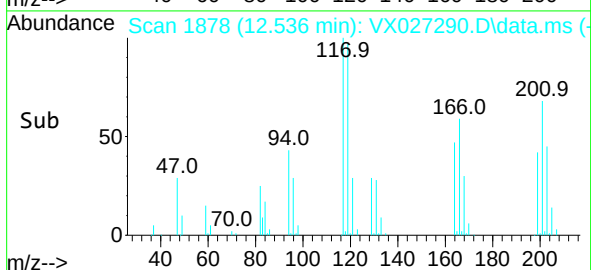
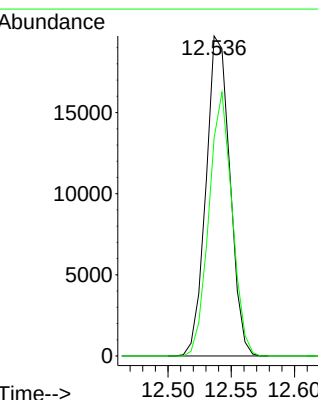
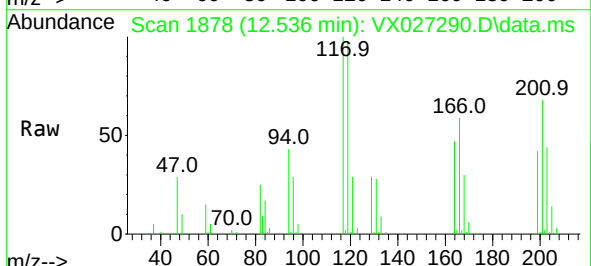
Acq: 04 Mar 2022 10:13

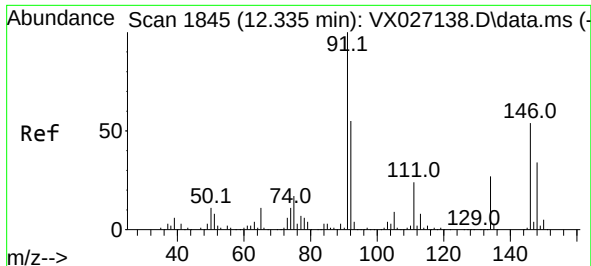
Tgt Ion:117 Resp: 25877

Ion Ratio Lower Upper

117 100

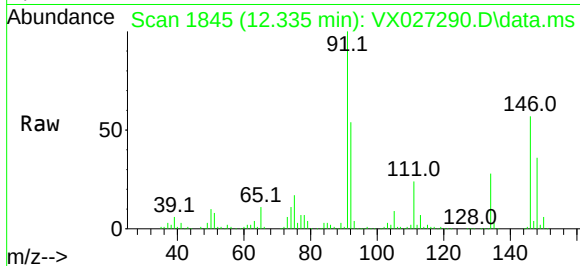
201 79.5 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 52.634 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

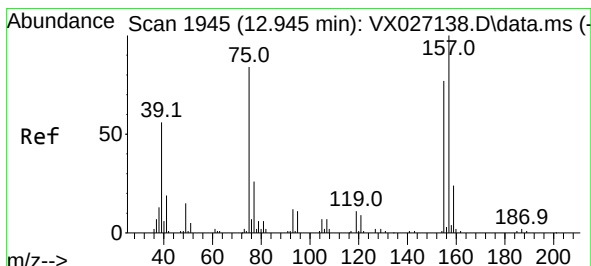
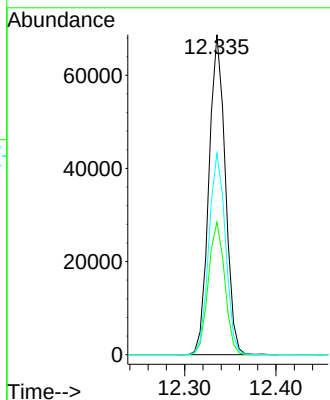
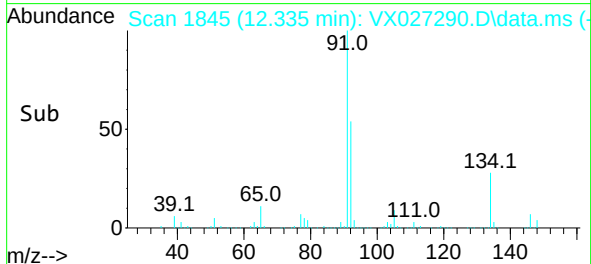
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



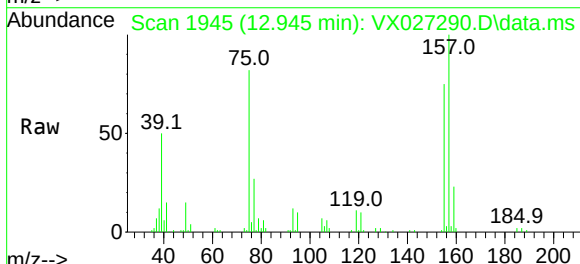
Tgt Ion:146 Resp: 85360
Ion Ratio Lower Upper
146 100
111 41.4 21.8 65.3
148 63.7 32.0 96.2

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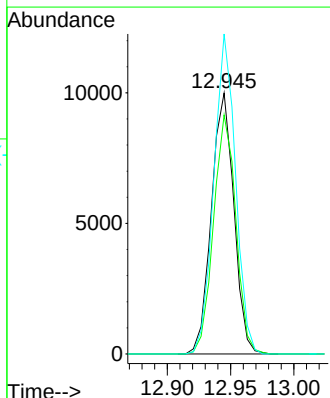
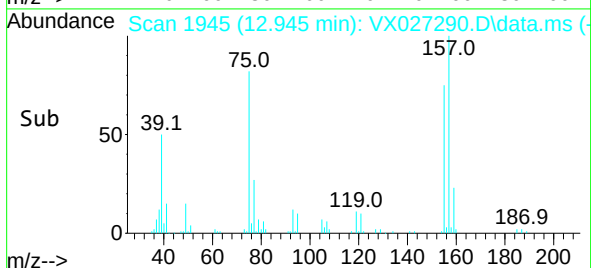
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

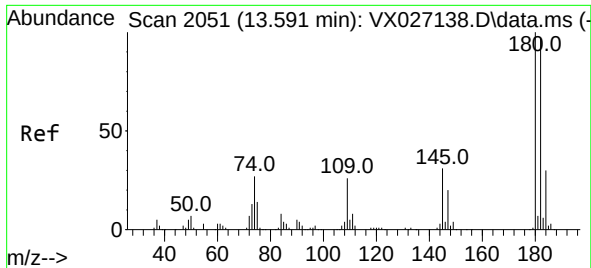


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.721 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion: 75 Resp: 12318
Ion Ratio Lower Upper
75 100
155 90.9 40.0 119.9
157 118.5 51.6 154.8





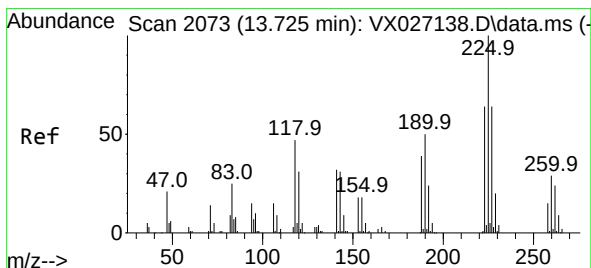
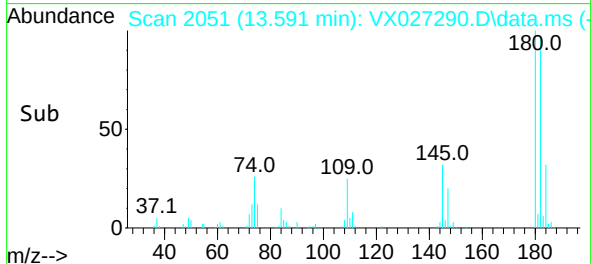
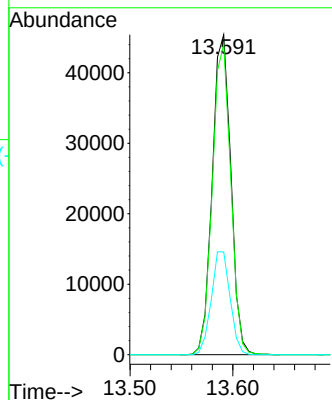
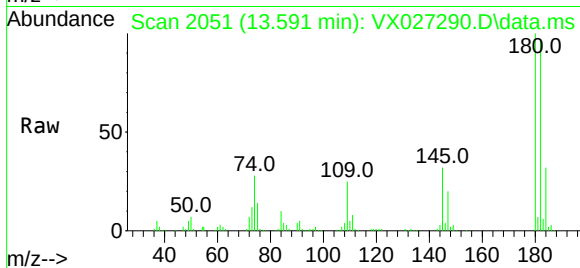
#93
1,2,4-Trichlorobenzene
Concen: 55.606 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 5691
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 32.6 16.3 48.8

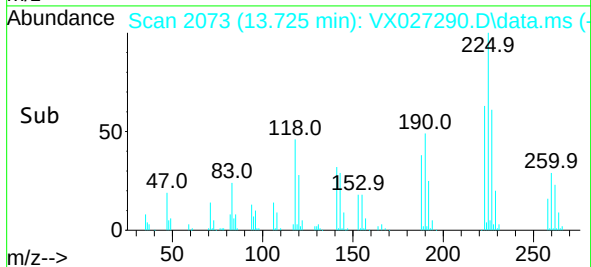
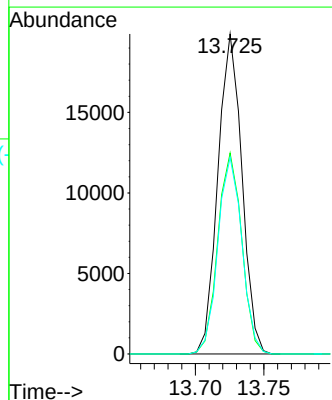
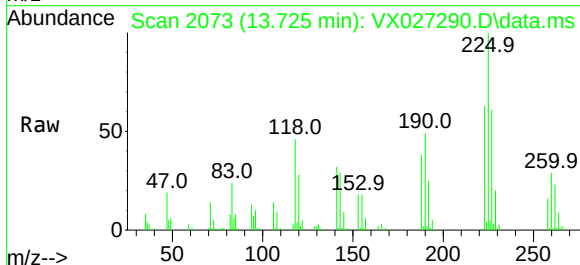
Manual Integrations
APPROVED

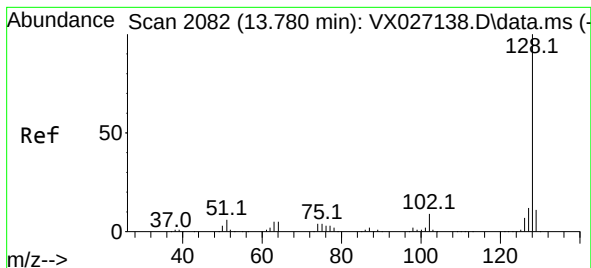
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#94
Hexachlorobutadiene
Concen: 56.941 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

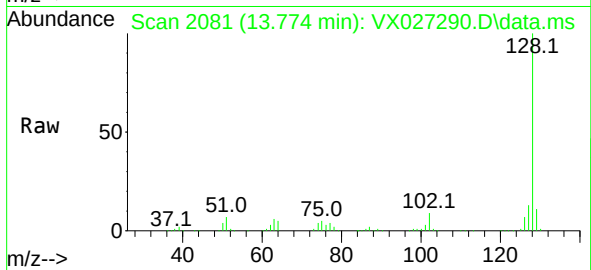
Tgt Ion:225 Resp: 24195
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.0
227 61.5 32.3 96.9





#95
Naphthalene
Concen: 52.774 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13

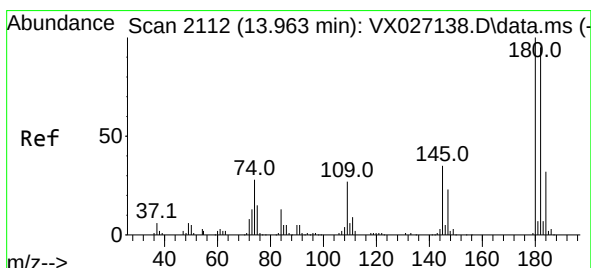
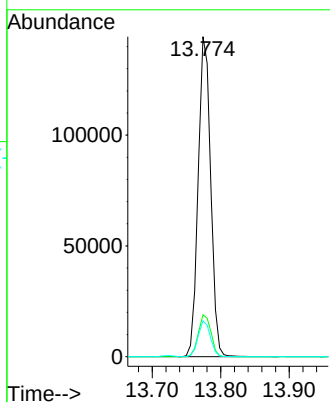
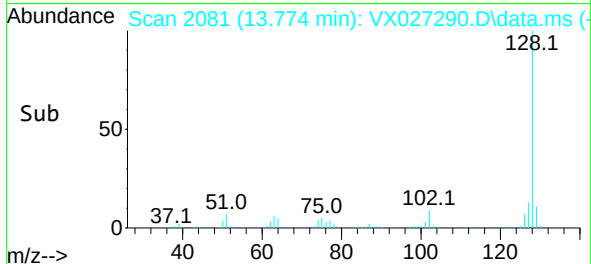
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



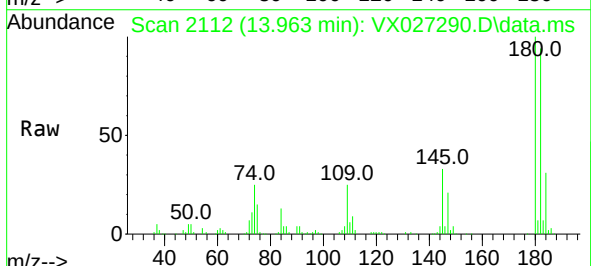
Tgt Ion:128 Resp: 183538
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 55.445 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027290.D
Acq: 04 Mar 2022 10:13



Tgt Ion:180 Resp: 56880
Ion Ratio Lower Upper
180 100
182 94.5 47.2 141.6
145 33.6 17.5 52.5

