

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030052.D
 Acq On : 14 Jul 2022 11:09
 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 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 04:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	182752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111666	50.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	5.391	113	100744	50.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	385694	51.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.085	95	139326	53.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	113023	54.539	ug/l	99
3) Chloromethane	1.288	50	104337	54.788	ug/l	100
4) Vinyl Chloride	1.373	62	112499	53.185	ug/l	100
5) Bromomethane	1.599	94	37990	42.280	ug/l	99
6) Chloroethane	1.678	64	62485	52.458	ug/l	97
7) Trichlorofluoromethane	1.879	101	149106	54.583	ug/l	98
8) Diethyl Ether	2.136	74	59224	52.405	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	102955	55.207	ug/l	98
10) Methyl Iodide	2.446	142	99351	54.057	ug/l	100
11) Tert butyl alcohol	2.971	59	147191	256.386	ug/l	100
12) 1,1-Dichloroethene	2.312	96	100710	54.088	ug/l	99
13) Acrolein	2.239	56	25996	227.357	ug/l	97
14) Allyl chloride	2.660	41	176403	54.214	ug/l	99
15) Acrylonitrile	3.062	53	352822	270.413	ug/l	100
16) Acetone	2.386	43	281542	268.605	ug/l	99
17) Carbon Disulfide	2.507	76	260642	50.024	ug/l	98
18) Methyl Acetate	2.703	43	162576	50.985	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	315944	53.681	ug/l	97
20) Methylene Chloride	2.788	84	115517	54.688	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	108670	55.993	ug/l	96
22) Diisopropyl ether	3.763	45	349669	54.900	ug/l	90
23) Vinyl Acetate	3.721	43	1540010	285.619	ug/l	99
24) 1,1-Dichloroethane	3.611	63	188607	53.439	ug/l	99
25) 2-Butanone	4.562	43	493089	276.166	ug/l	100
26) 2,2-Dichloropropane	4.477	77	130182	52.509	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	125120	52.645	ug/l	98
28) Bromochloromethane	4.903	49	79189	53.334	ug/l	95
29) Tetrahydrofuran	5.007	42	330596	272.834	ug/l	100
30) Chloroform	5.098	83	190461	54.151	ug/l	100
31) Cyclohexane	5.470	56	177909	55.172	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	155147	53.970	ug/l	99
36) 1,1-Dichloropropene	5.690	75	140655	54.228	ug/l	99
37) Ethyl Acetate	4.714	43	183330	55.005	ug/l	99
38) Carbon Tetrachloride	5.678	117	131114	54.206	ug/l	98
39) Methylcyclohexane	7.385	83	192721	58.611	ug/l	97
40) Benzene	6.037	78	450734	55.211	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	99177	55.264	ug/l	99
42) 1,2-Dichloroethane	6.092	62	139319	55.064	ug/l	100
43) Isopropyl Acetate	6.342	43	272866	54.445	ug/l	100
44) Trichloroethene	7.129	130	122211	51.229	ug/l	95
45) 1,2-Dichloropropane	7.433	63	115102	54.242	ug/l	100
46) Dibromomethane	7.580	93	78653	53.853	ug/l	99
47) Bromodichloromethane	7.824	83	144563	54.549	ug/l	95
48) Methyl methacrylate	7.696	41	131154	56.715	ug/l	97
49) 1,4-Dioxane	7.665	88	68438	1139.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	928694	280.023	ug/l	100
52) Toluene	8.720	92	276806	53.395	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	151179	54.919	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	174486	55.329	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	113794	53.228	ug/l	96
56) Ethyl methacrylate	9.116	69	179714	55.912	ug/l	98
57) 1,3-Dichloropropane	9.311	76	185412	54.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	485697	278.283	ug/l	100
59) 2-Hexanone	9.433	43	735603	289.234	ug/l	99
60) Dibromochloromethane	9.524	129	110748	53.174	ug/l	100
61) 1,2-Dibromoethane	9.610	107	120540	54.176	ug/l	100
64) Tetrachloroethene	9.275	164	119972	53.451	ug/l	97
65) Chlorobenzene	10.079	112	296323	53.221	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	101672	53.564	ug/l	97
67) Ethyl Benzene	10.195	91	531379	56.311	ug/l	100
68) m/p-Xylenes	10.305	106	411131	111.083	ug/l	99
69) o-Xylene	10.646	106	199092	53.723	ug/l	96
70) Styrene	10.658	104	340522	55.361	ug/l	99
71) Bromoform	10.799	173	79607	52.201	ug/l	99
73) Isopropylbenzene	10.963	105	524278	54.115	ug/l	100
74) N-amyl acetate	10.841	43	233942	54.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	181151	51.827	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	168930m	52.805	ug/l	
77) Bromobenzene	11.201	156	120402	49.671	ug/l	99
78) n-propylbenzene	11.305	91	635875	55.324	ug/l	100
79) 2-Chlorotoluene	11.366	91	366579	53.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	440824	53.999	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58634	52.895	ug/l	99
82) 4-Chlorotoluene	11.457	91	416311	53.974	ug/l	100
83) tert-Butylbenzene	11.719	119	414964	53.005	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	447629	55.436	ug/l	99
85) sec-Butylbenzene	11.890	105	572906	55.355	ug/l	100
86) p-Isopropyltoluene	12.012	119	470571	56.675	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	239568	53.489	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	239487	52.106	ug/l	99
89) n-Butylbenzene	12.335	91	449118	60.371	ug/l	100
90) Hexachloroethane	12.542	117	77089	54.311	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	243589	53.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45357	56.831	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	150277	53.769	ug/l	99
94) Hexachlorobutadiene	13.725	225	59325	53.167	ug/l	98
95) Naphthalene	13.780	128	604557	54.496	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154032	54.165	ug/l	100

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MSVOA_X
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VSTDCCC050

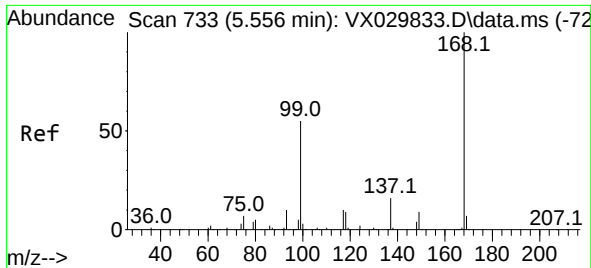
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
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



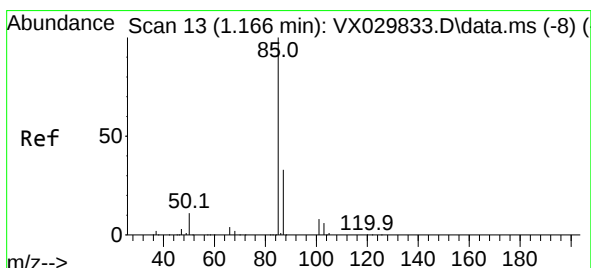
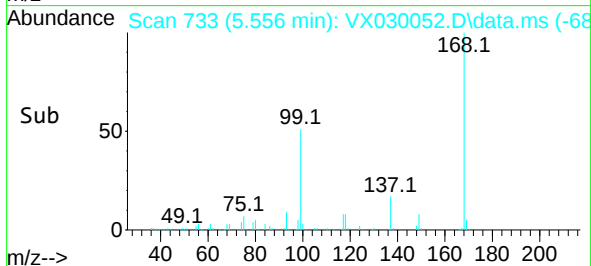
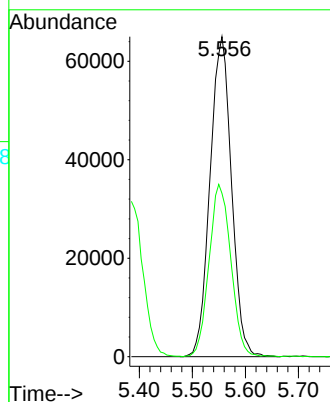
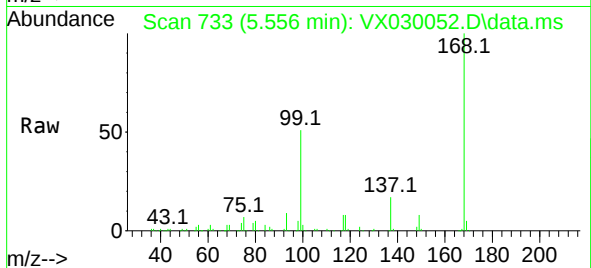
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 182752
Ion Ratio Lower Upper
168 100
99 51.1 44.0 66.0

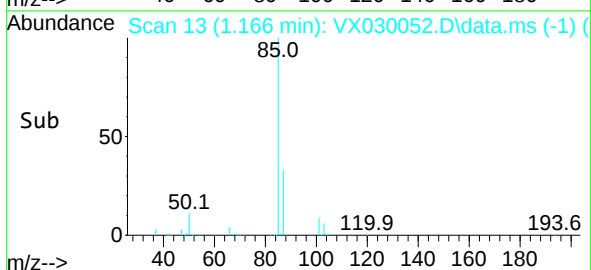
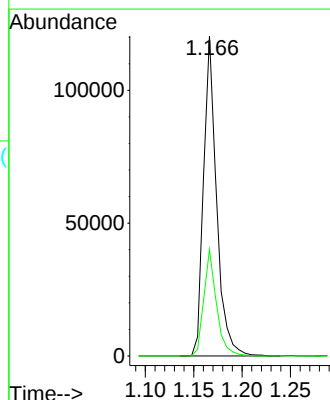
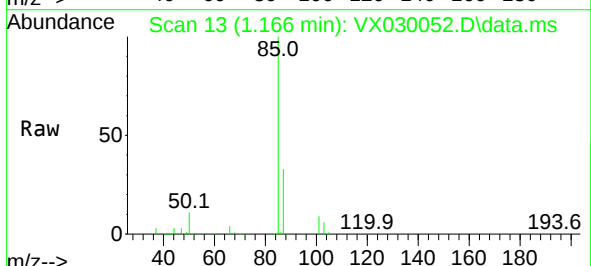
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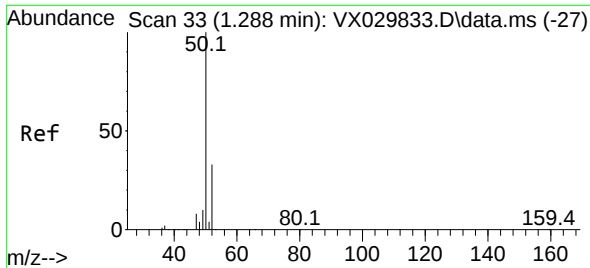
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 54.539 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

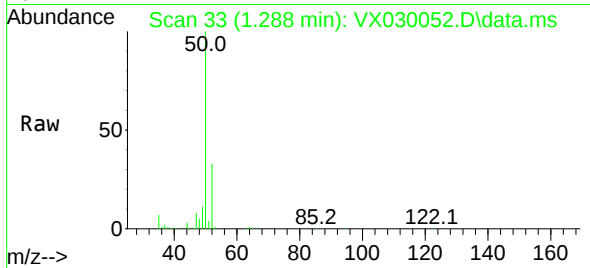
Tgt Ion: 85 Resp: 113023
Ion Ratio Lower Upper
85 100
87 33.3 16.5 49.5





#3
Chloromethane
Concen: 54.788 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

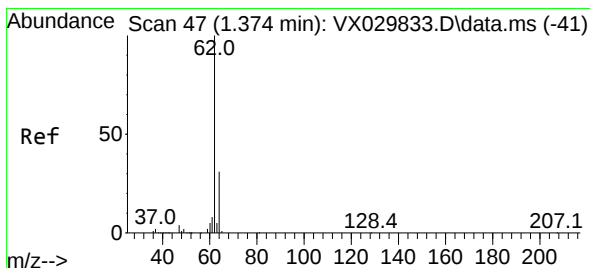
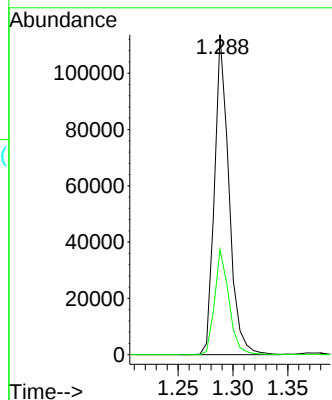
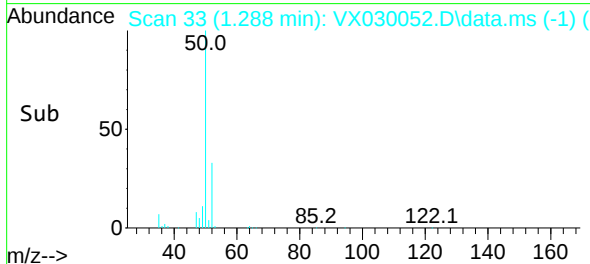
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 10433
Ion Ratio Lower Upper
50 100
52 32.8 26.3 39.5

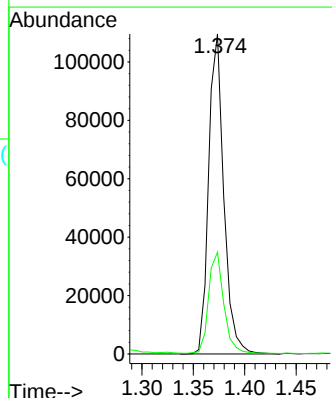
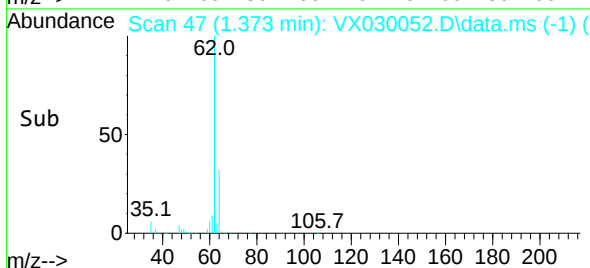
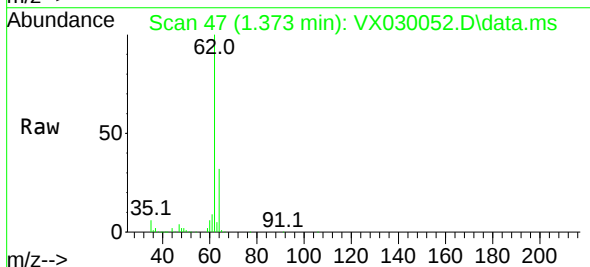
Manual Integrations
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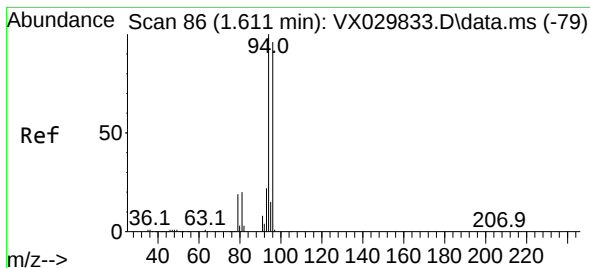
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 53.185 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 62 Resp: 112499
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5

Bromomethane

Concen: 42.280 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.012 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 37990

Ion Ratio Lower Upper

94 100

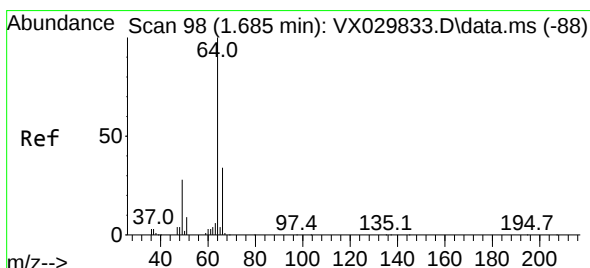
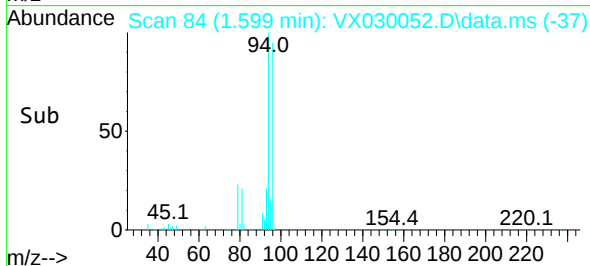
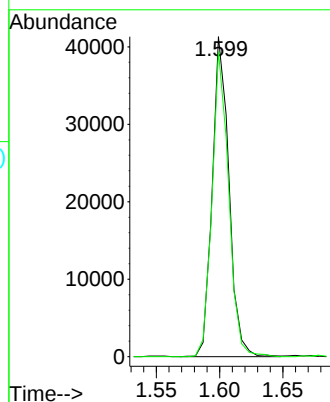
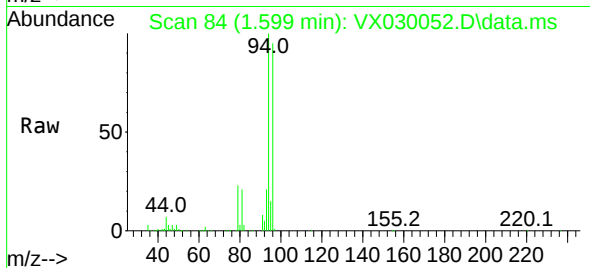
96 95.5 76.9 115.3

Manual Integrations

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Supervised By :Mahesh Dadoda 07/15/2022



#6

Chloroethane

Concen: 52.458 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.007 min

Lab File: VX030052.D

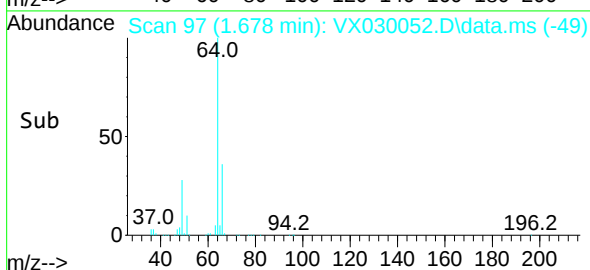
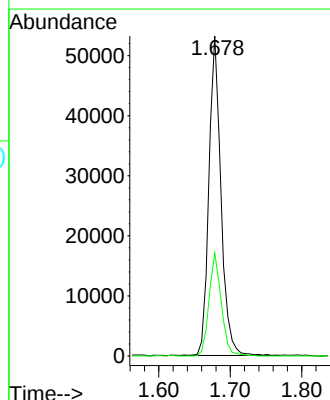
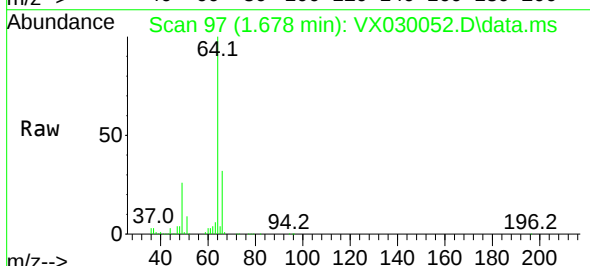
Acq: 14 Jul 2022 11:09

Tgt Ion: 64 Resp: 62485

Ion Ratio Lower Upper

64 100

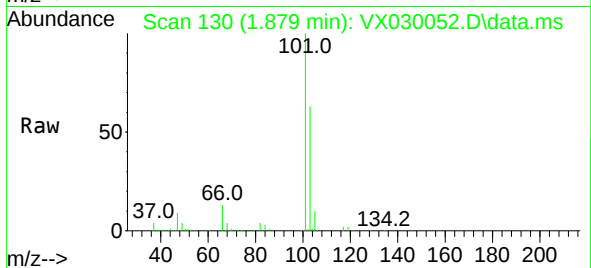
66 32.2 27.2 40.8





#7
Trichlorofluoromethane
Concen: 54.583 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

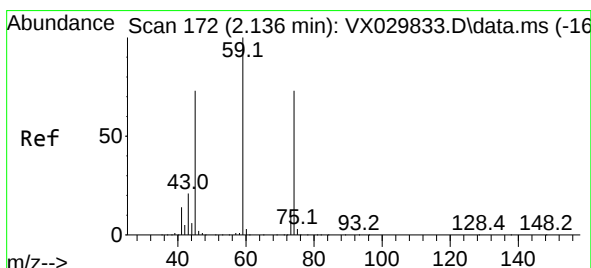
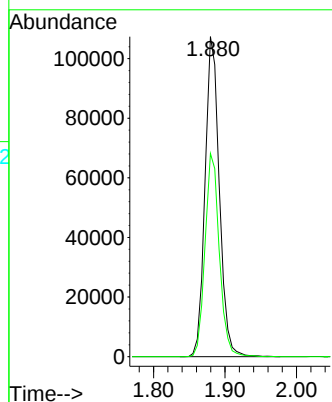
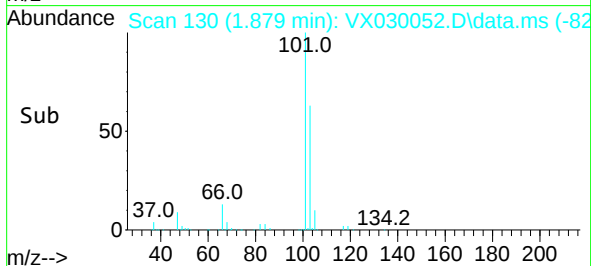
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



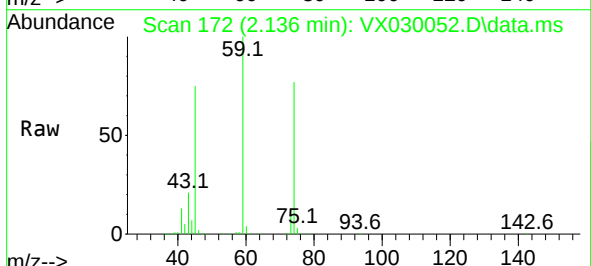
Tgt Ion:101 Resp: 149100
Ion Ratio Lower Upper
101 100
103 63.5 49.7 74.5

Manual Integrations
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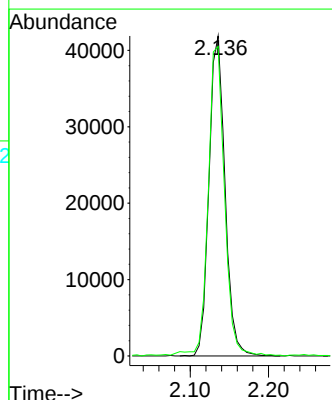
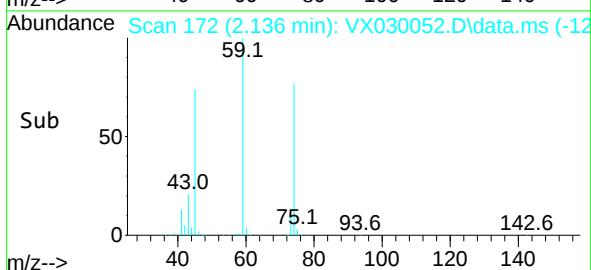
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

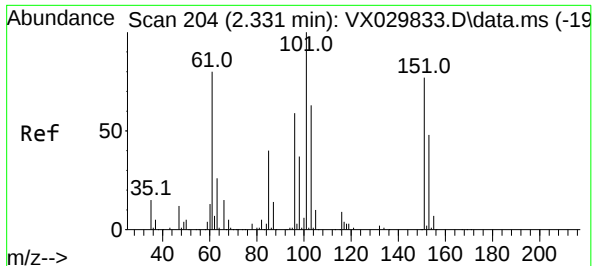


#8
Diethyl Ether
Concen: 52.405 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



Tgt Ion: 74 Resp: 59224
Ion Ratio Lower Upper
74 100
45 99.9 51.5 154.7





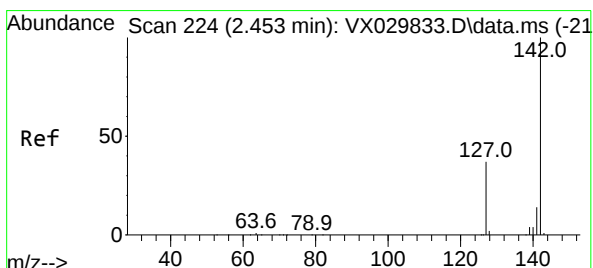
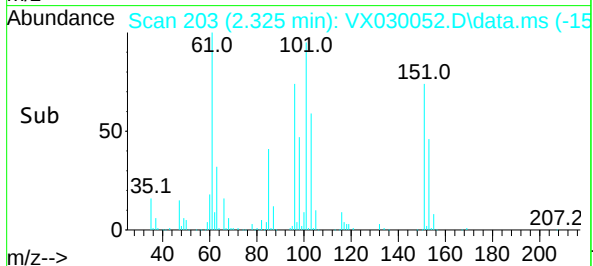
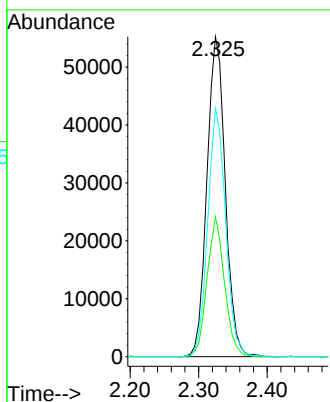
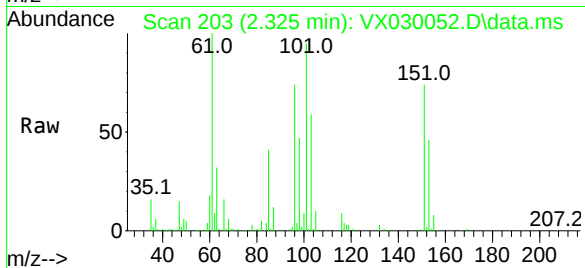
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.207 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10295
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 76.0 59.4 89.0

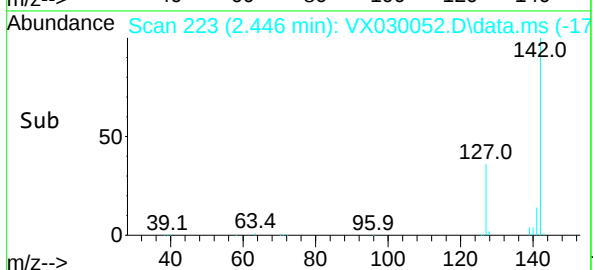
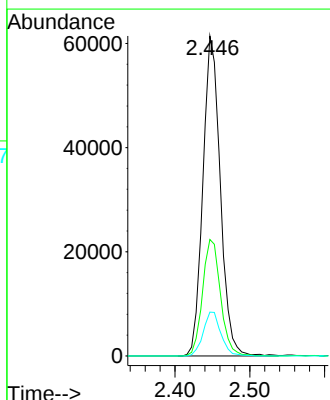
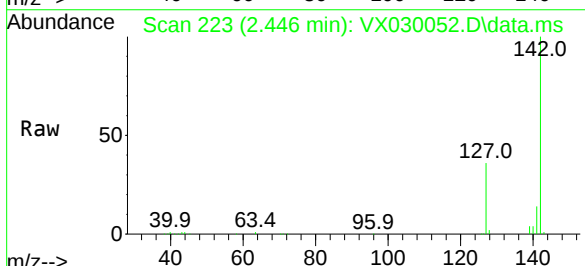
Manual Integrations
APPROVED

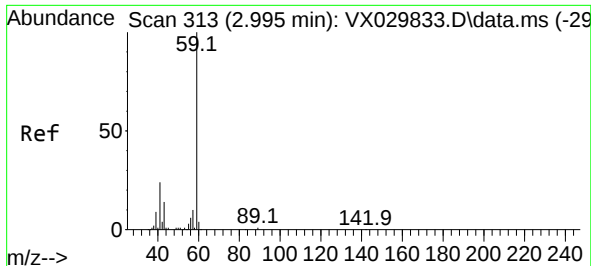
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 54.057 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

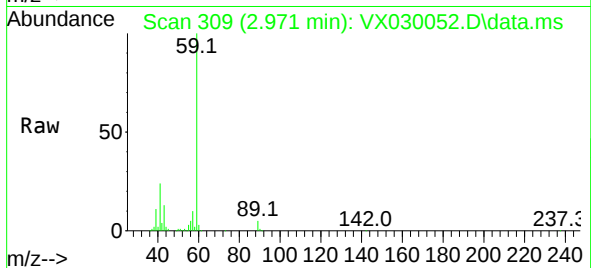
Tgt Ion:142 Resp: 99351
Ion Ratio Lower Upper
142 100
127 37.6 30.2 45.2
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 256.386 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

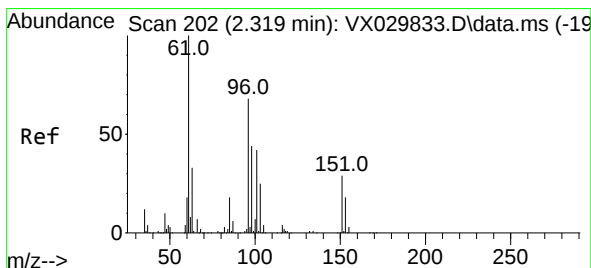
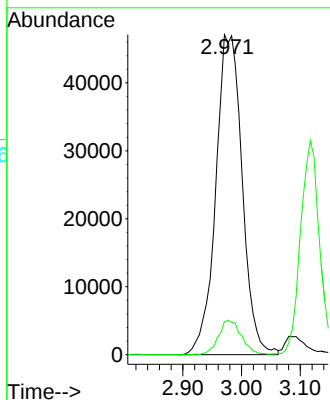
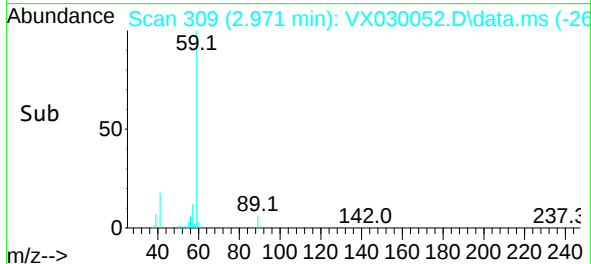
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



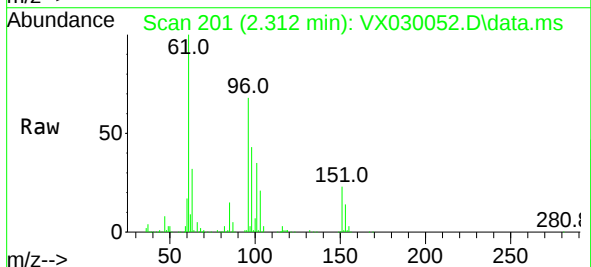
Tgt Ion: 59 Resp: 14719
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2

Manual Integrations
APPROVED

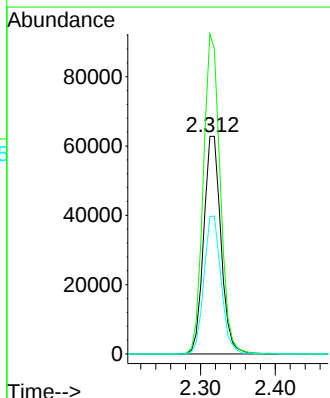
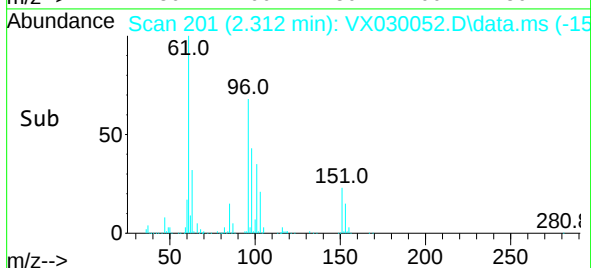
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

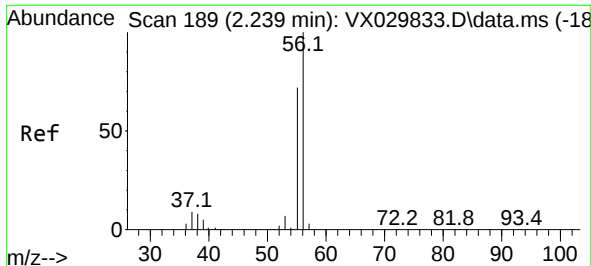


#12
1,1-Dichloroethene
Concen: 54.088 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



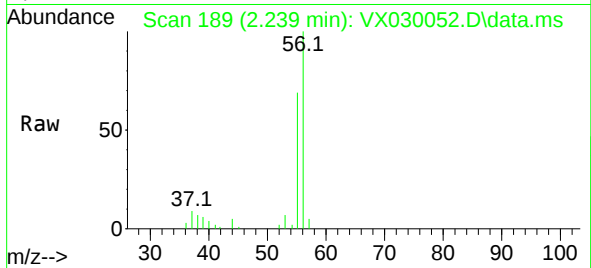
Tgt Ion: 96 Resp: 100710
Ion Ratio Lower Upper
96 100
61 147.1 117.4 176.0
98 63.1 52.2 78.4





#13
Acrolein
Concen: 227.357 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

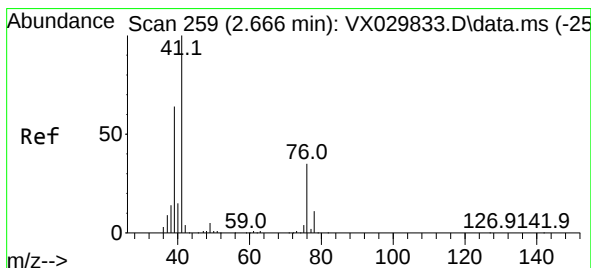
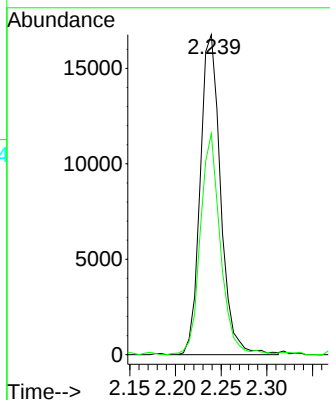
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 25990
Ion Ratio Lower Upper
56 100
55 67.9 56.6 84.8

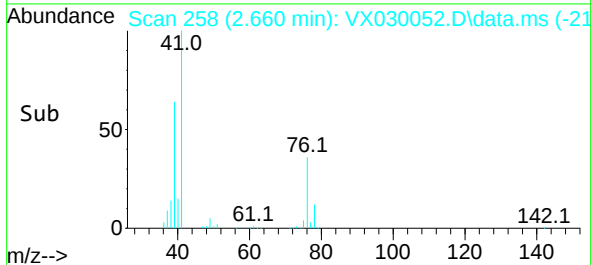
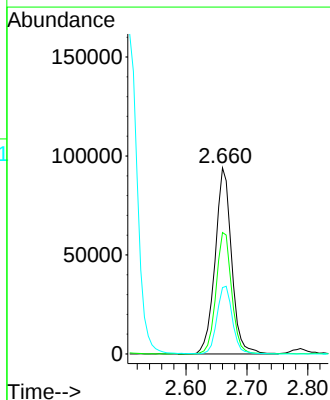
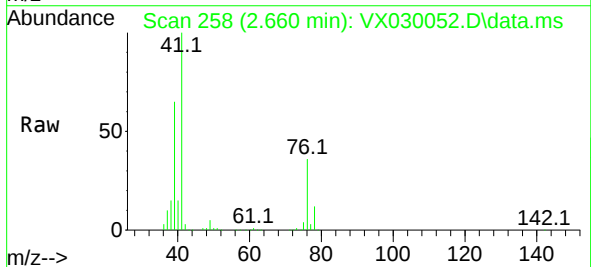
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 54.214 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

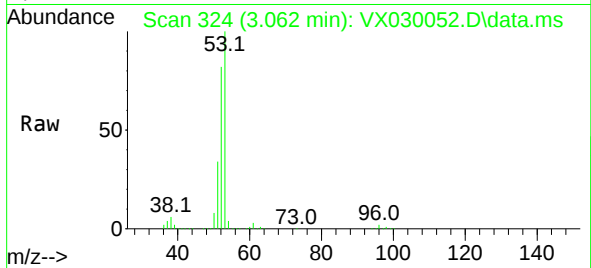
Tgt Ion: 41 Resp: 176403
Ion Ratio Lower Upper
41 100
39 61.9 48.9 73.3
76 34.0 26.9 40.3





#15
Acrylonitrile
Concen: 270.413 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

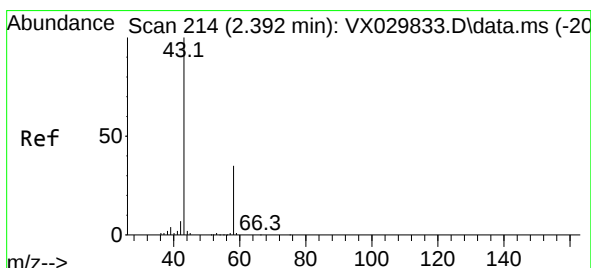
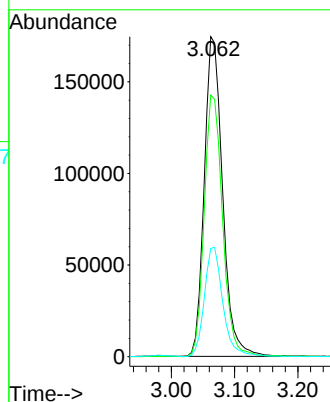
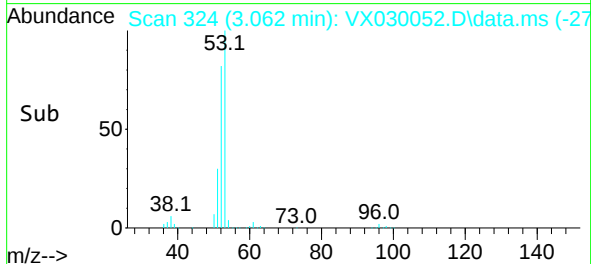
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 35282
Ion Ratio Lower Upper
53 100
52 82.0 65.4 98.0
51 34.8 27.7 41.5

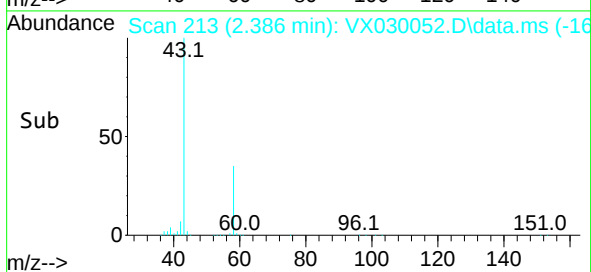
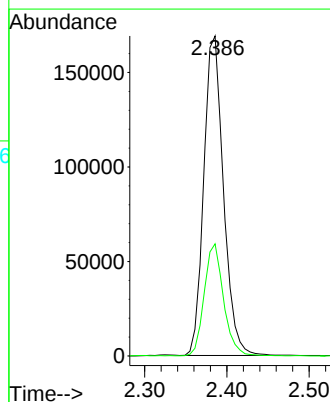
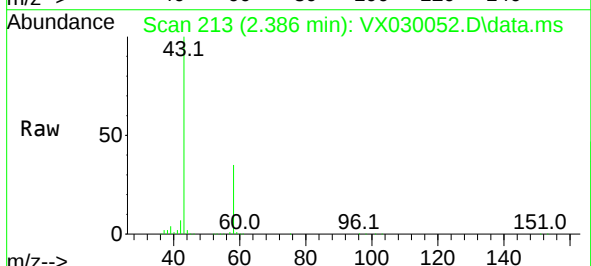
Manual Integrations
APPROVED

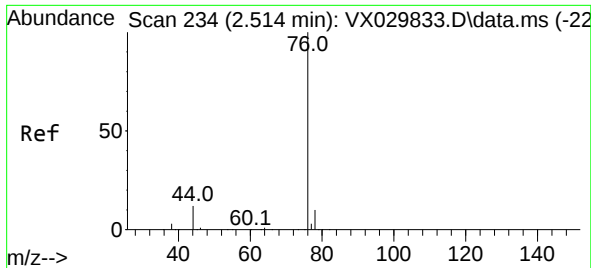
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#16
Acetone
Concen: 268.605 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 43 Resp: 281542
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5





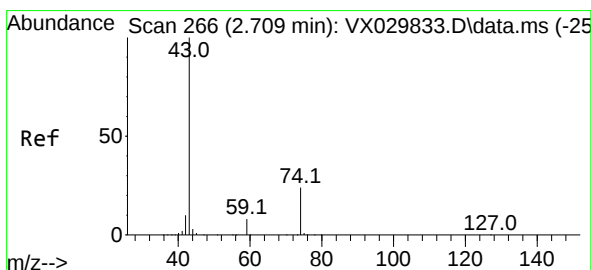
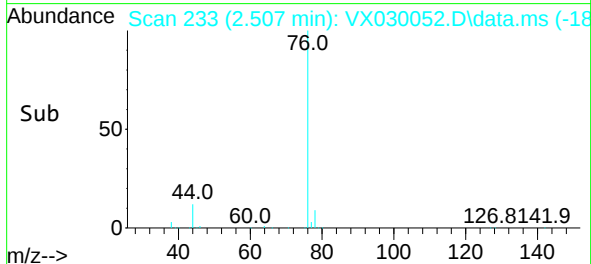
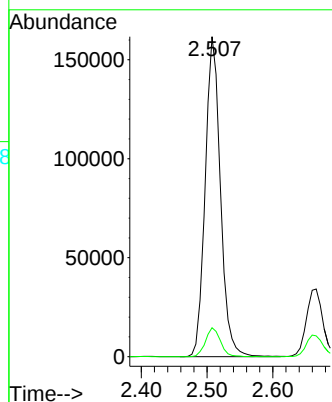
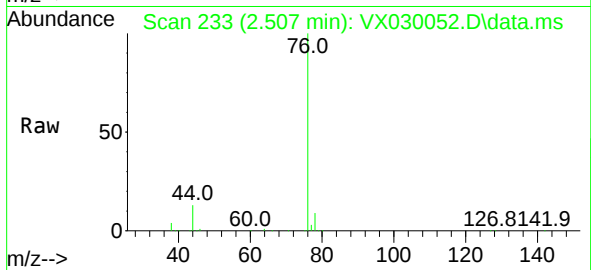
#17
Carbon Disulfide
Concen: 50.024 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 26064
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

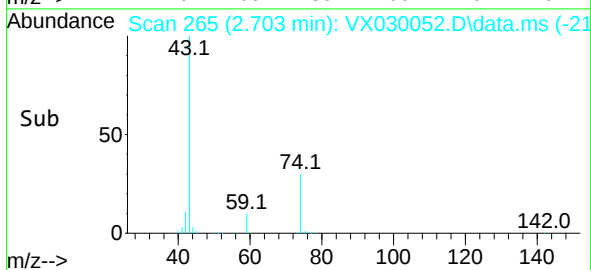
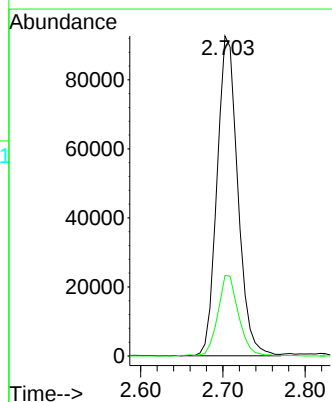
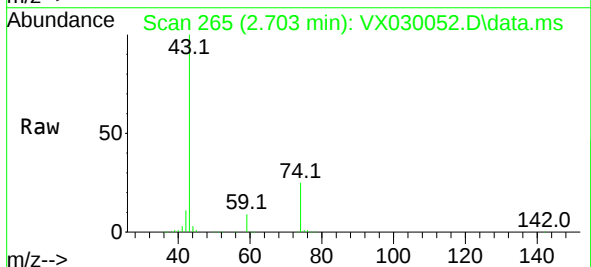
Manual Integrations
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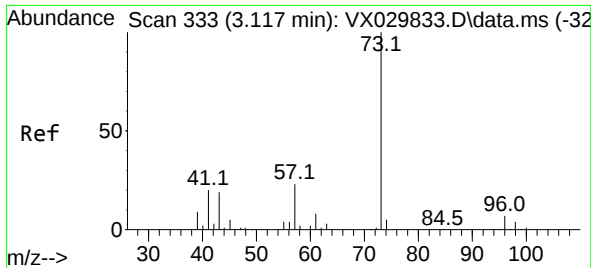
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 50.985 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 43 Resp: 162576
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2





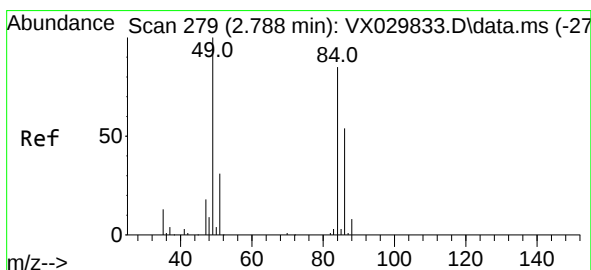
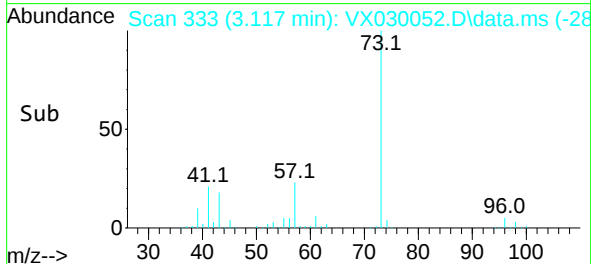
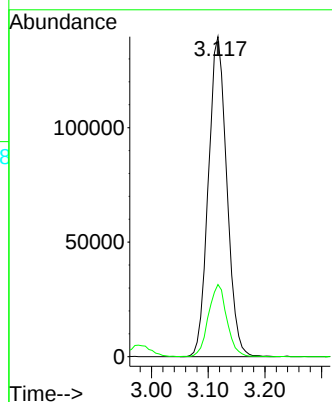
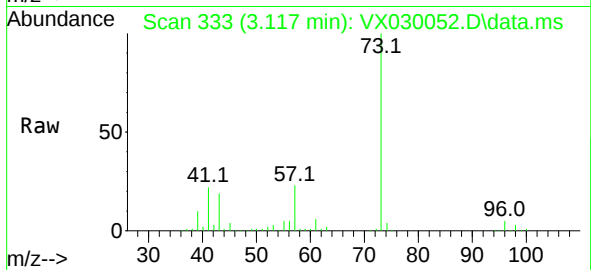
#19
Methyl tert-butyl Ether
Concen: 53.681 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 315944
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6

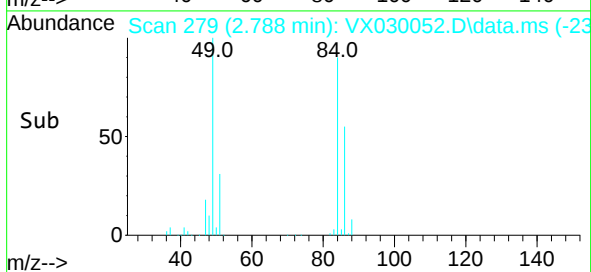
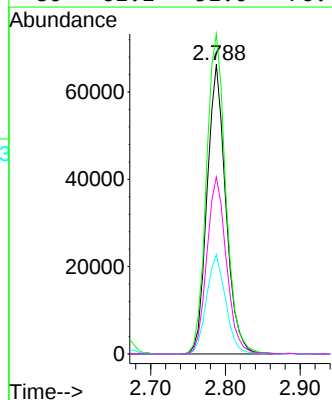
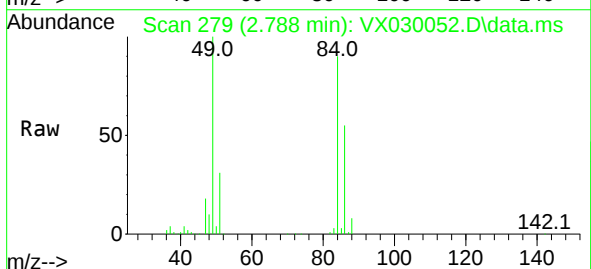
Manual Integrations
APPROVED

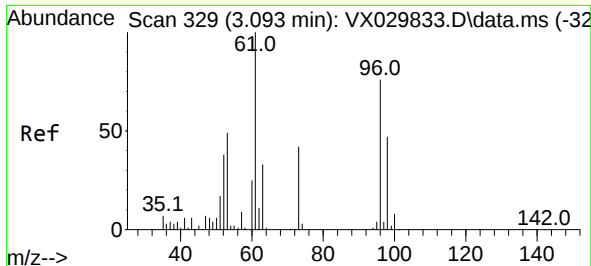
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Methylene Chloride
Concen: 54.688 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

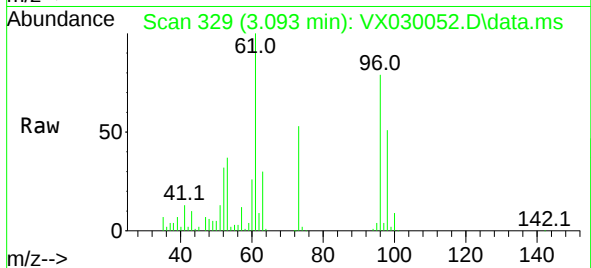
Tgt Ion: 84 Resp: 115517
Ion Ratio Lower Upper
84 100
49 110.5 93.8 140.6
51 34.3 29.4 44.0
86 61.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 55.993 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

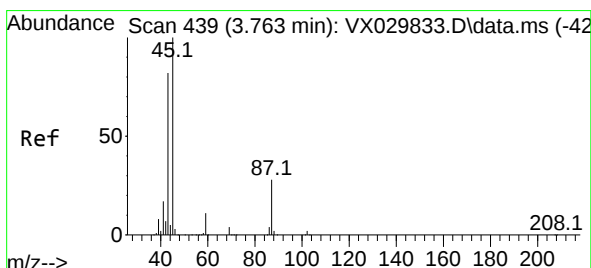
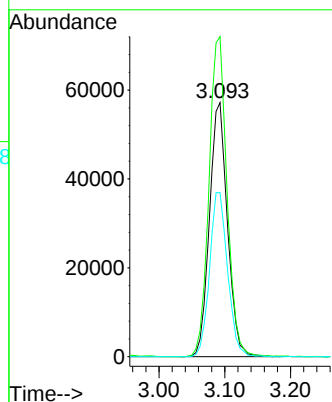
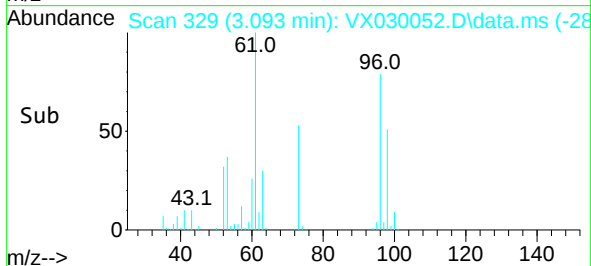
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



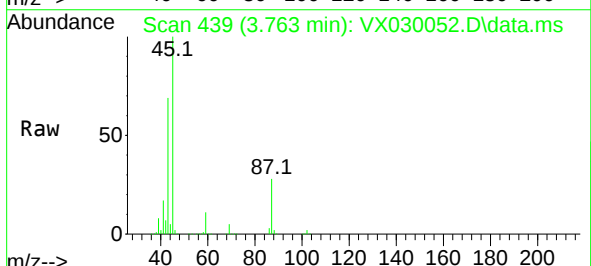
Tgt Ion: 96 Resp: 108670
Ion Ratio Lower Upper
96 100
61 125.9 105.6 158.4
98 64.5 50.1 75.1

Manual Integrations
APPROVED

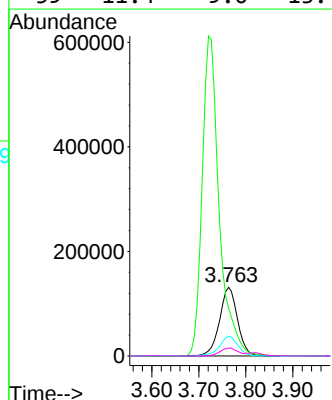
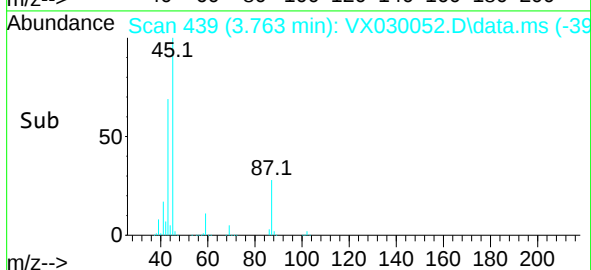
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
Diisopropyl ether
Concen: 54.900 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



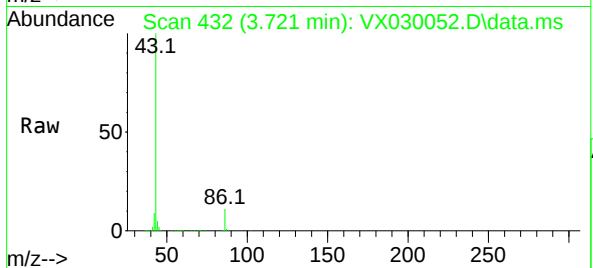
Tgt Ion: 45 Resp: 349669
Ion Ratio Lower Upper
45 100
43 69.3 65.4 98.0
87 28.5 22.3 33.5
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 285.619 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030052.D
 Acq: 14 Jul 2022 11:09

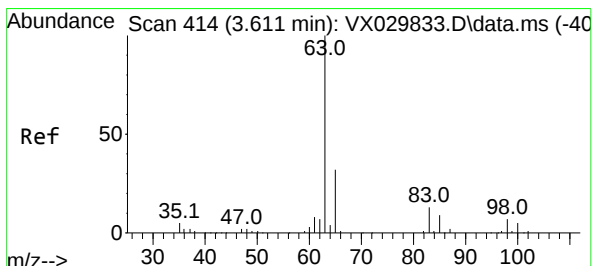
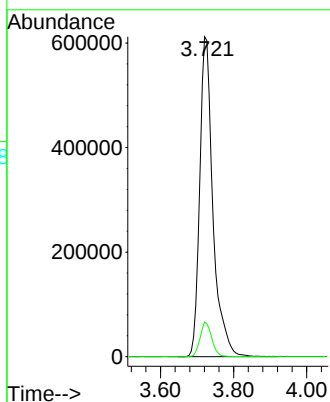
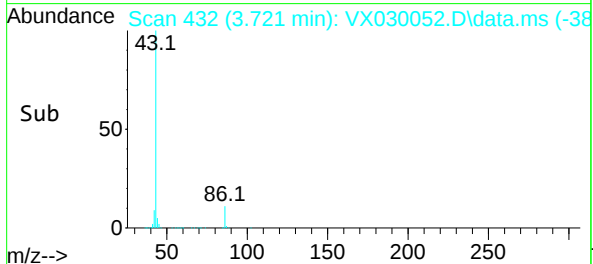
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



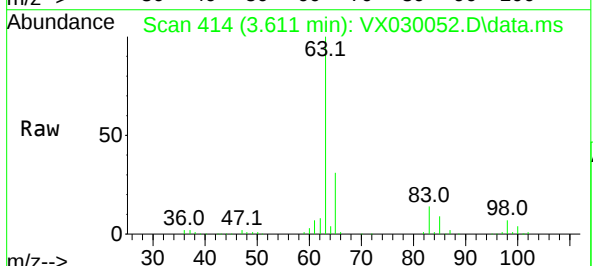
Tgt Ion: 43 Resp: 1540010
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

Manual Integrations
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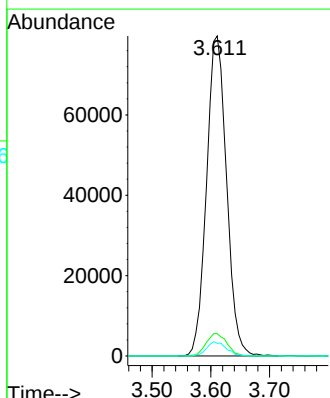
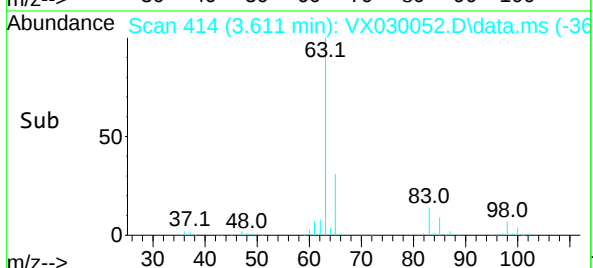
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

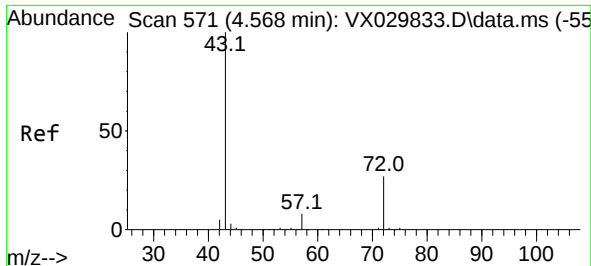


#24
 1,1-Dichloroethane
 Concen: 53.439 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030052.D
 Acq: 14 Jul 2022 11:09



Tgt Ion: 63 Resp: 188607
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 3.9 2.3 6.9





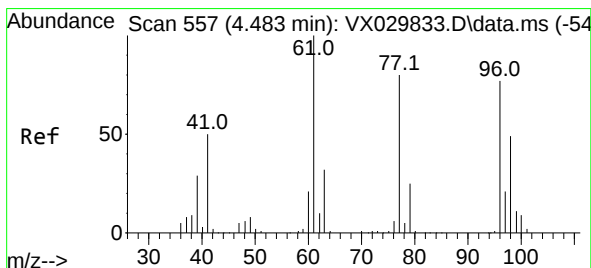
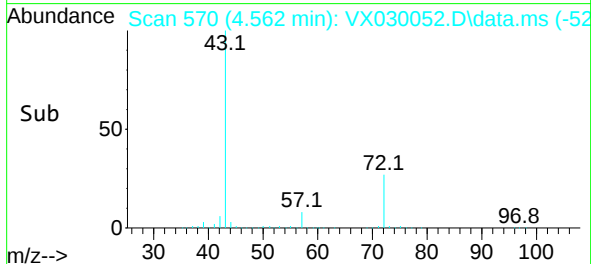
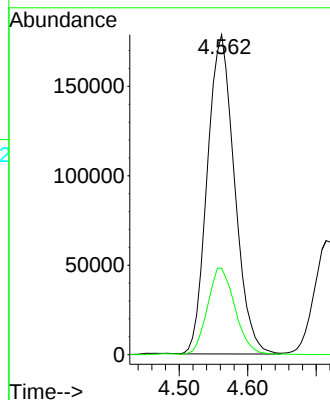
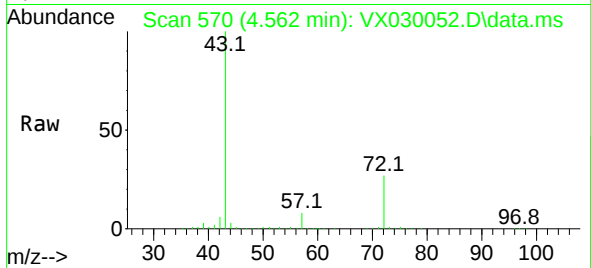
#25
2-Butanone
Concen: 276.166 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 493089
Ion Ratio Lower Upper
43 100
72 26.9 21.7 32.5

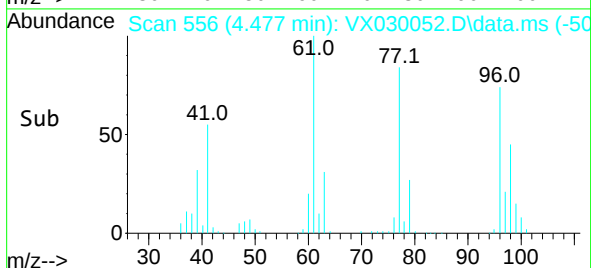
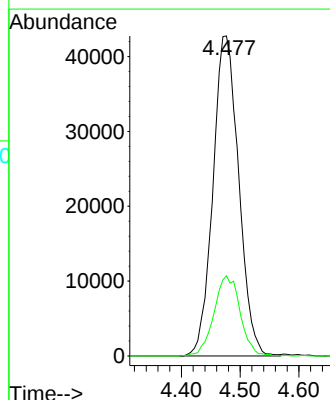
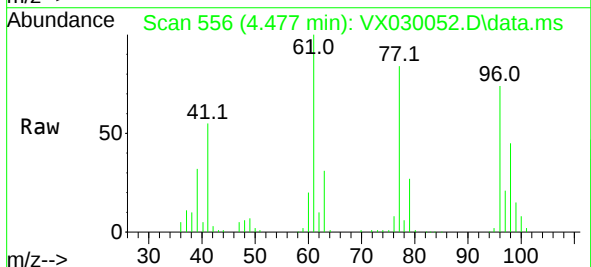
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#26
2,2-Dichloropropane
Concen: 52.509 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 77 Resp: 130182
Ion Ratio Lower Upper
77 100
97 25.4 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 52.645 ug/l

RT: 4.489 min Scan# 559

Delta R.T. -0.006 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 125120

Ion Ratio Lower Upper

96 100

61 132.6 0.0 270.0

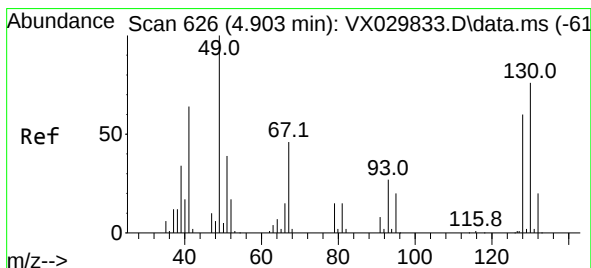
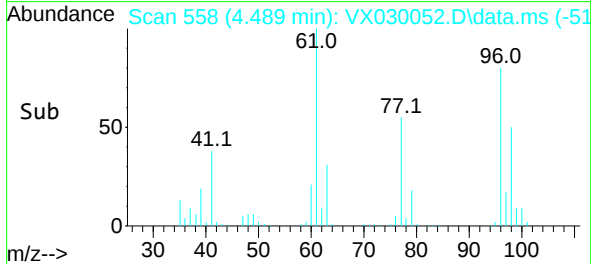
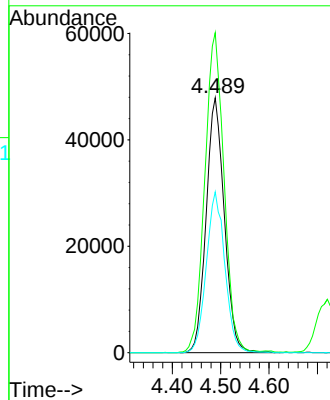
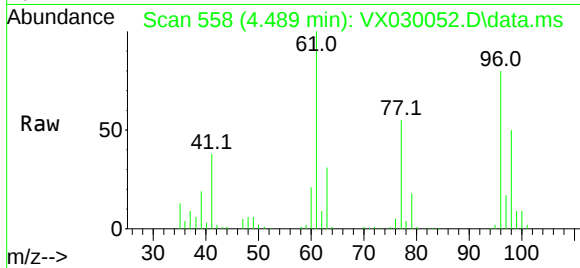
98 64.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#28

Bromochloromethane

Concen: 53.334 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

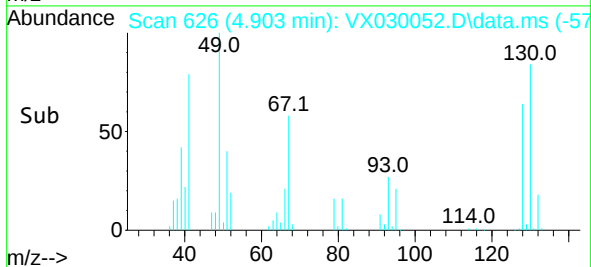
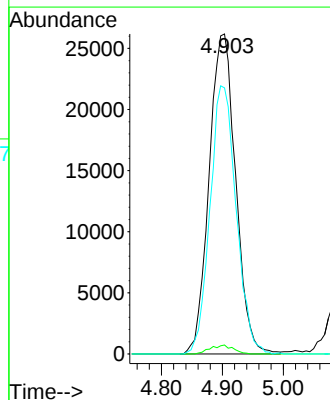
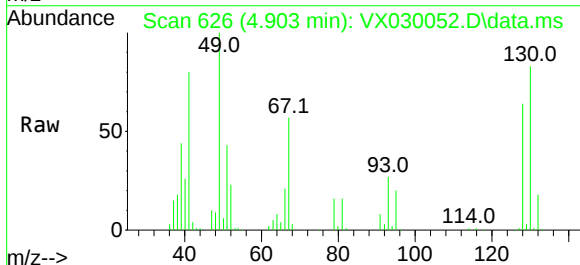
Tgt Ion: 49 Resp: 79189

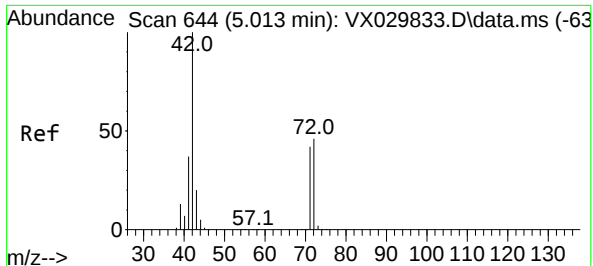
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 82.6 62.8 94.2





#29

Tetrahydrofuran

Concen: 272.834 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

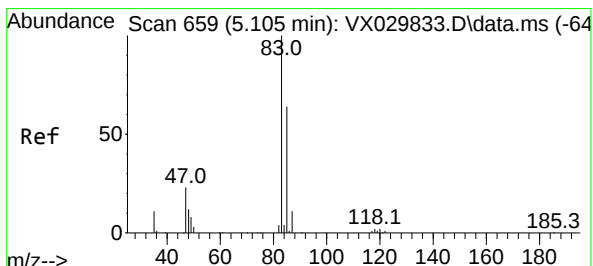
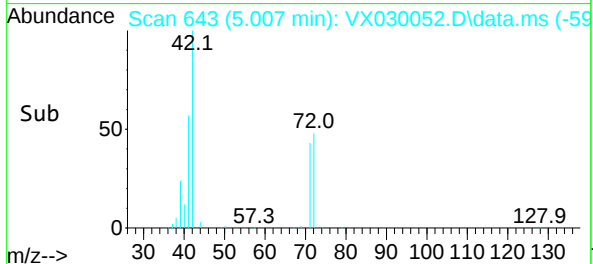
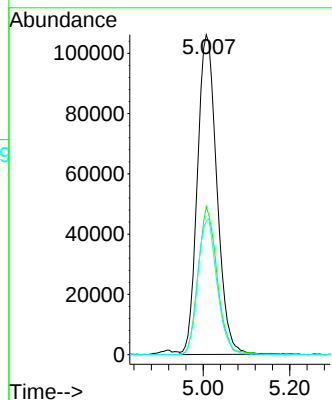
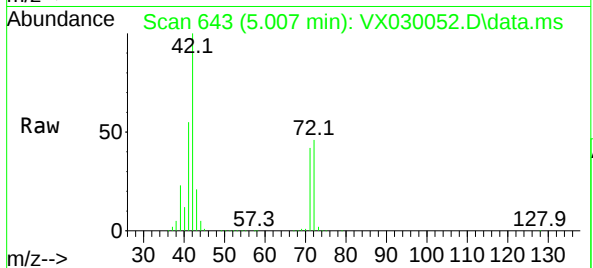
Tgt Ion:	42	Resp:	330590
Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.5	54.7
71	42.2	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

Chloroform

Concen: 54.151 ug/l

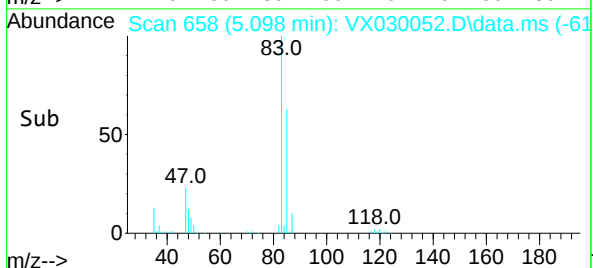
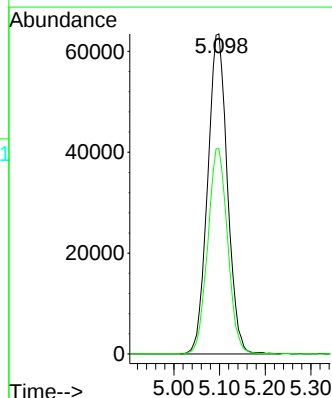
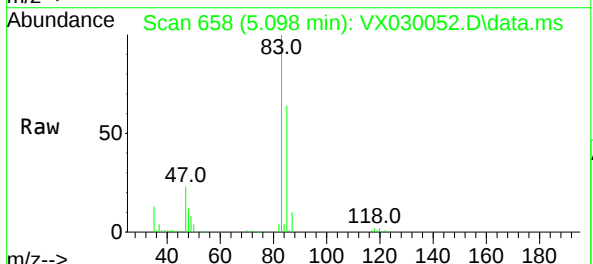
RT: 5.098 min Scan# 658

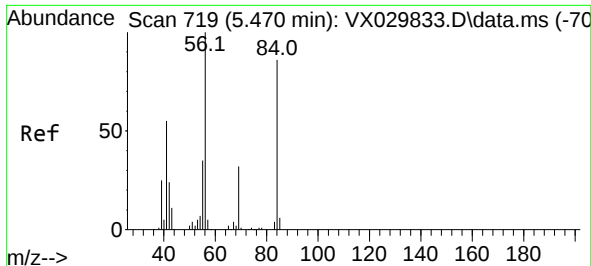
Delta R.T. -0.007 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

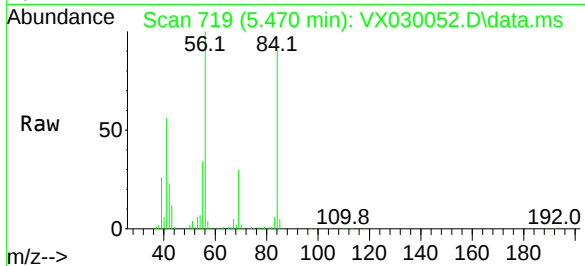
Tgt Ion:	83	Resp:	190461
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





#31
Cyclohexane
Concen: 55.172 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

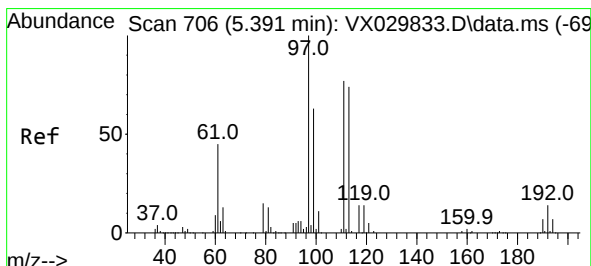
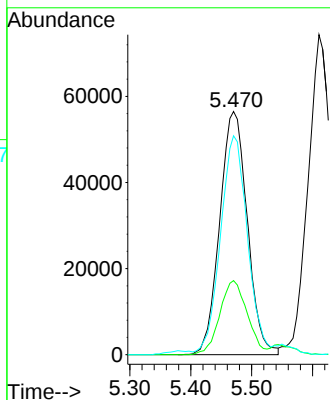
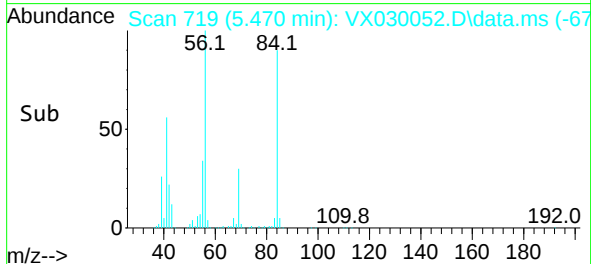
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



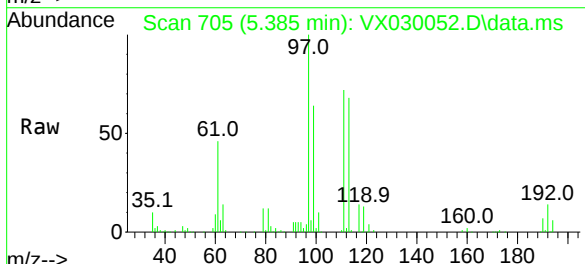
Tgt Ion: 56 Resp: 177909
Ion Ratio Lower Upper
56 100
69 30.5 25.4 38.0
84 88.4 68.9 103.3

Manual Integrations
APPROVED

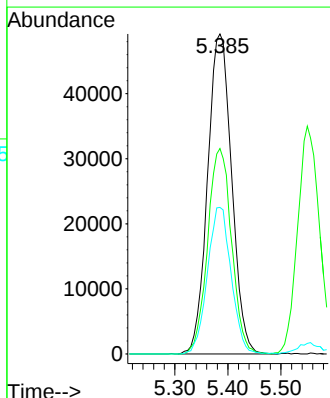
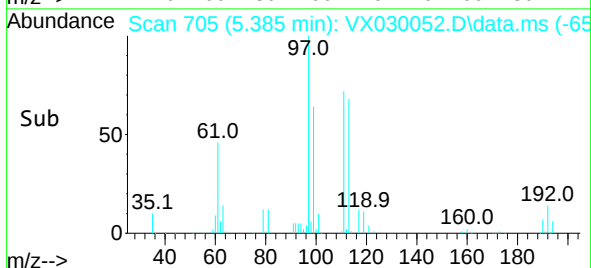
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

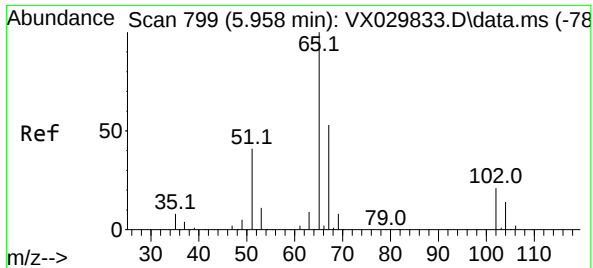


#32
1,1,1-Trichloroethane
Concen: 53.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



Tgt Ion: 97 Resp: 155147
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.200 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 111660

Ion Ratio Lower Upper

65 100

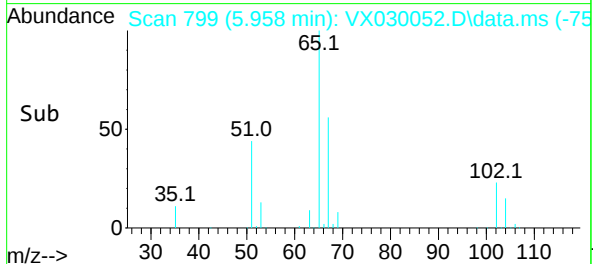
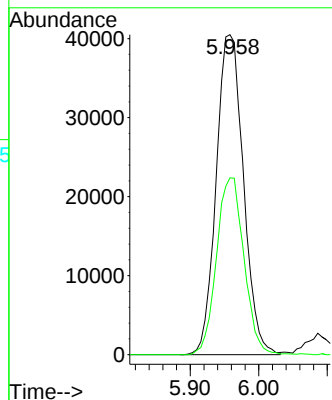
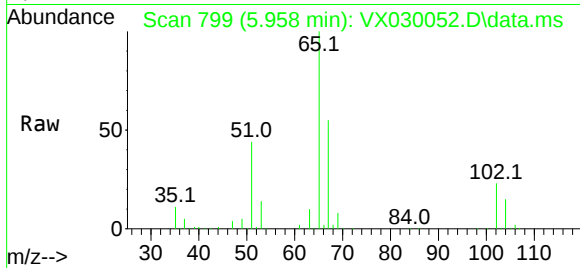
67 55.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

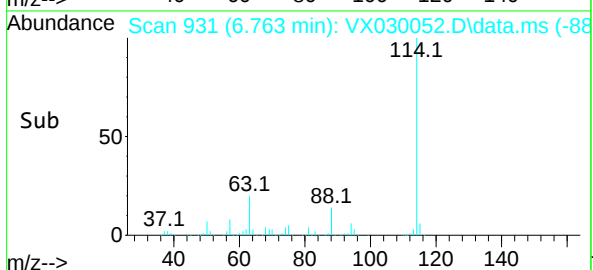
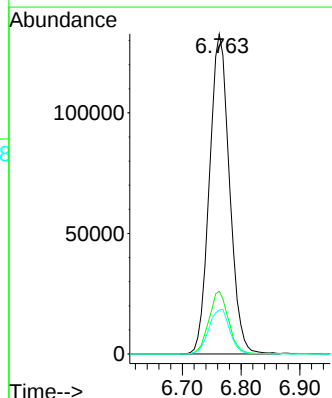
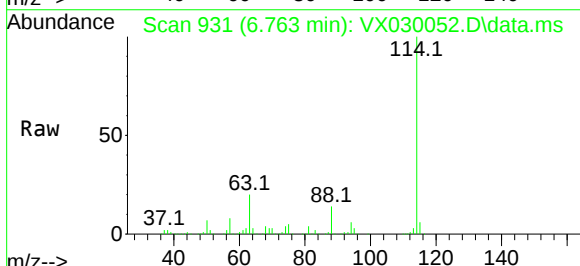
Tgt Ion:114 Resp: 314332

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.170 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030052.D

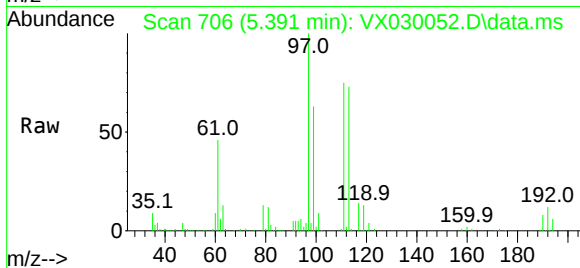
Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 100744

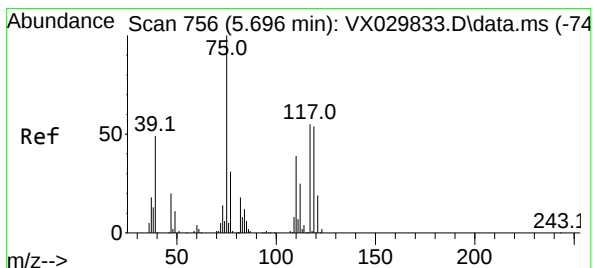
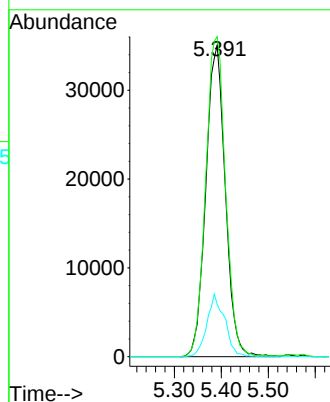
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.2	124.8
192	18.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#36

1,1-Dichloropropene

Concen: 54.228 ug/l

RT: 5.690 min Scan# 755

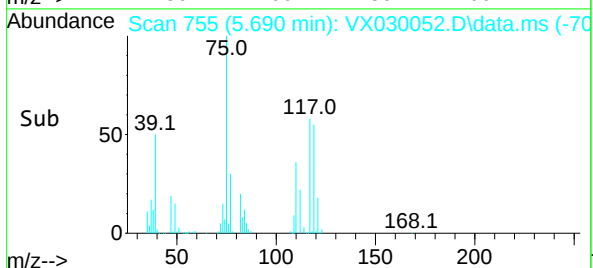
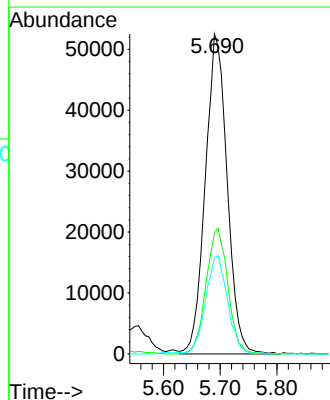
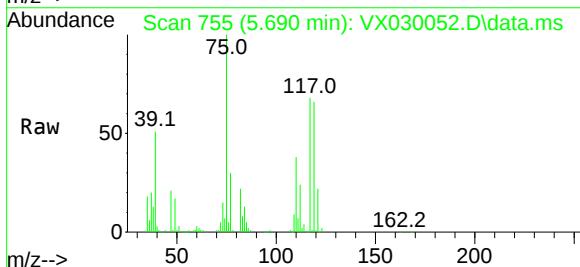
Delta R.T. -0.006 min

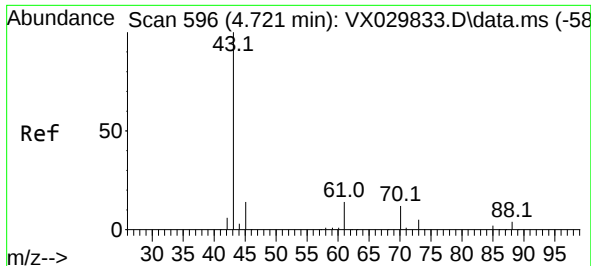
Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Tgt Ion: 75 Resp: 140655

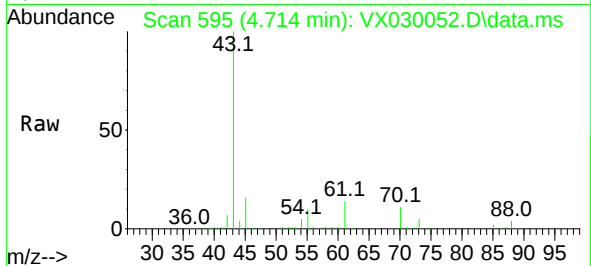
Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.3	57.9
77	30.6	24.4	36.6





#37
Ethyl Acetate
Concen: 55.005 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

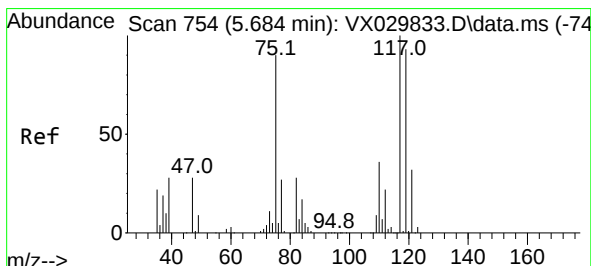
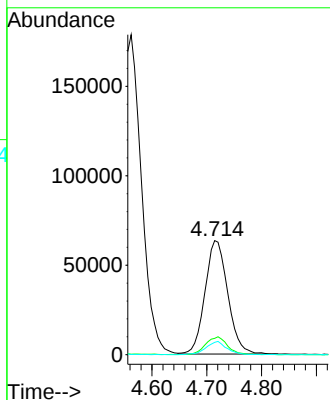
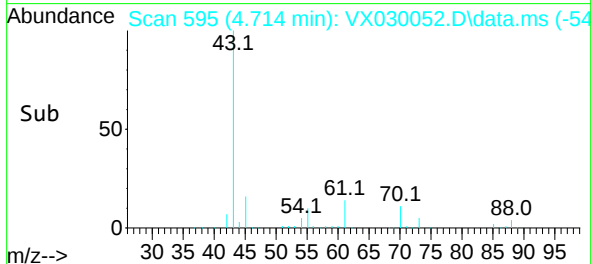
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 183330
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 10.6 9.3 13.9

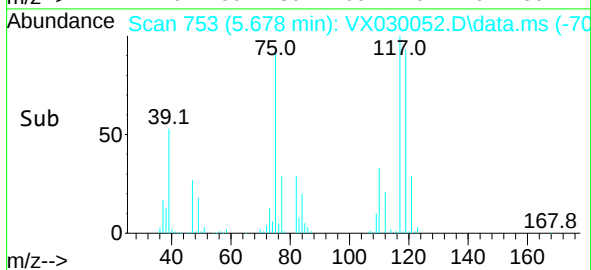
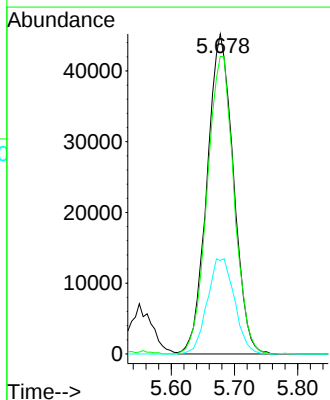
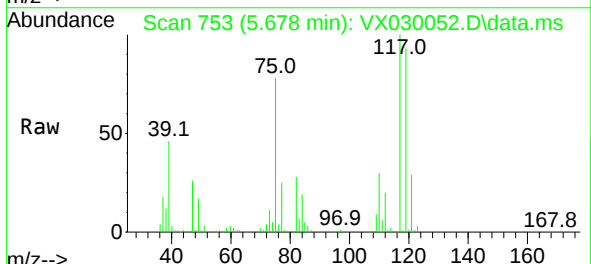
Manual Integrations
APPROVED

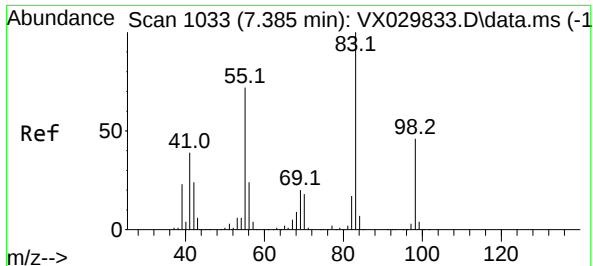
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#38
Carbon Tetrachloride
Concen: 54.206 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion:117 Resp: 131114
Ion Ratio Lower Upper
117 100
119 92.8 74.1 111.1
121 29.2 25.8 38.8





#39

Methylcyclohexane

Concen: 58.611 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19272

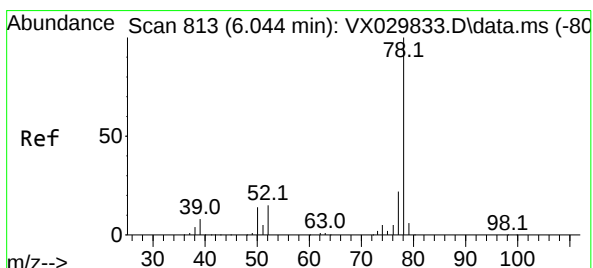
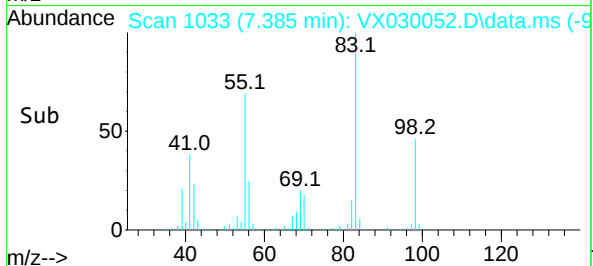
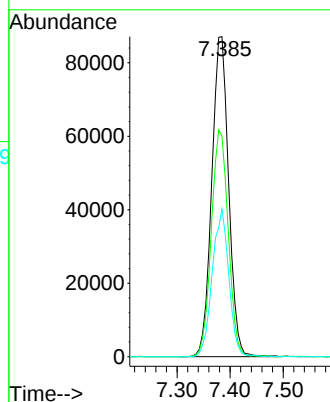
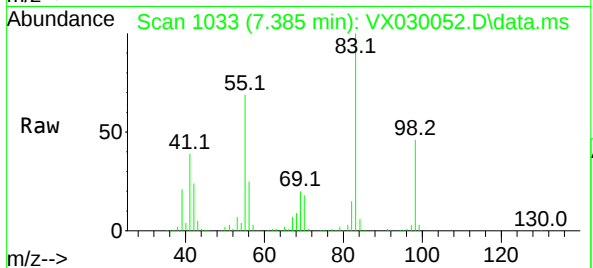
Ion	Ratio	Lower	Upper
83	100		
55	68.9	57.7	86.5
98	46.2	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 55.211 ug/l

RT: 6.037 min Scan# 812

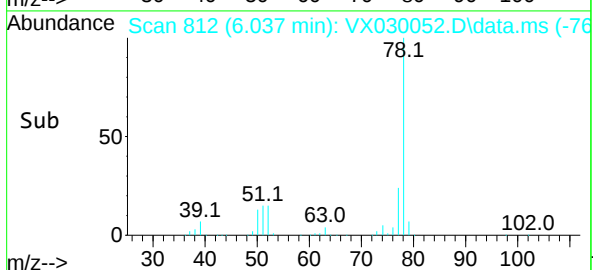
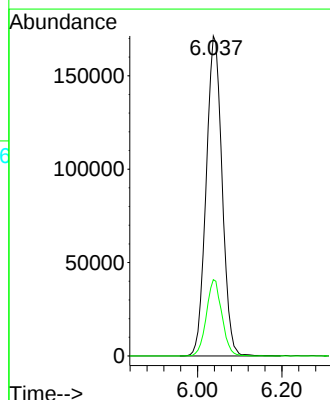
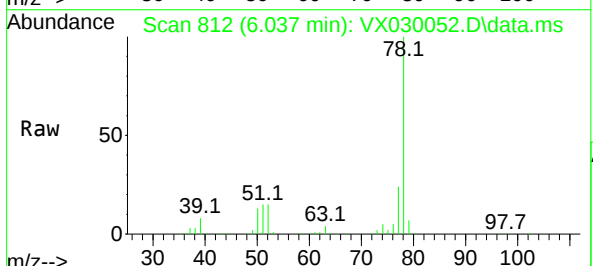
Delta R.T. -0.007 min

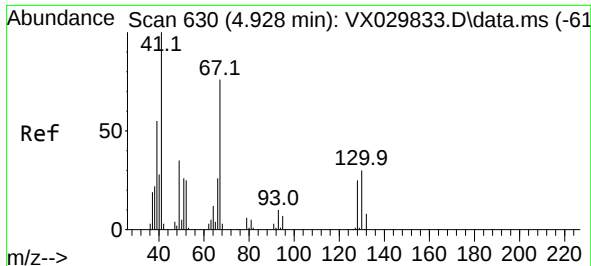
Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Tgt Ion: 78 Resp: 450734

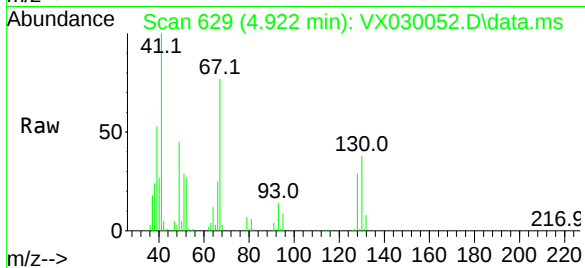
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.0	27.0





#41
Methacrylonitrile
Concen: 55.264 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

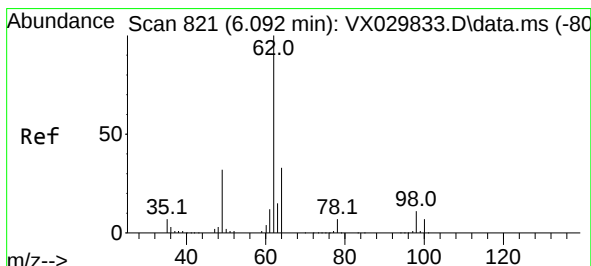
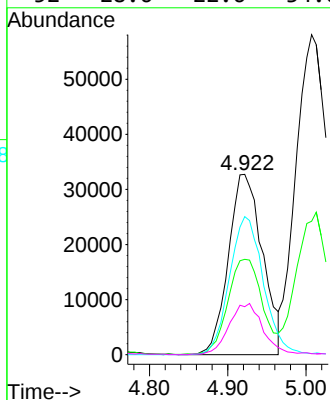
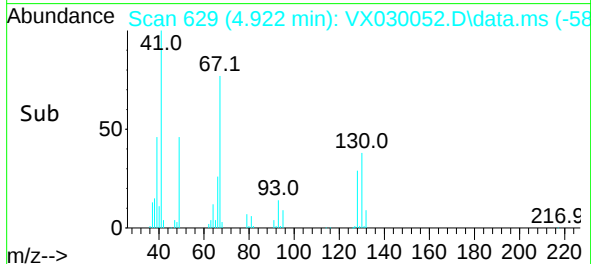
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 9917
Ion Ratio Lower Upper
41 100
39 53.1 42.9 64.3
67 76.3 60.1 90.1
52 28.6 22.6 34.0

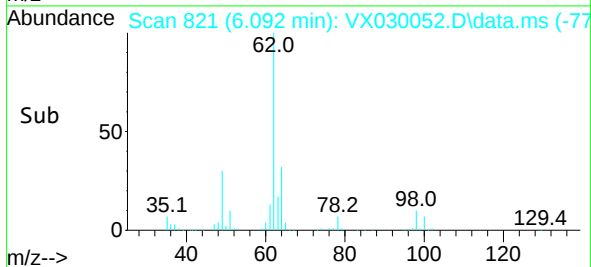
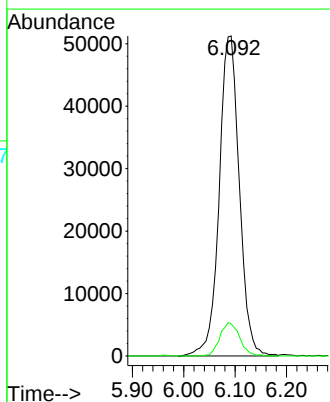
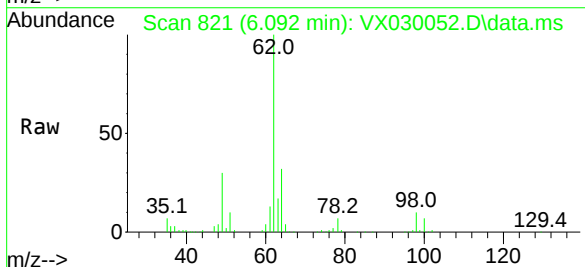
Manual Integrations
APPROVED

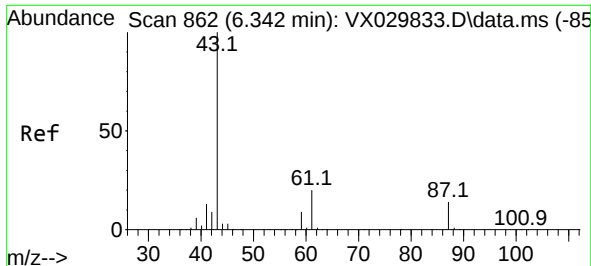
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#42
1,2-Dichloroethane
Concen: 55.064 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 62 Resp: 139319
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 54.445 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX030052.D

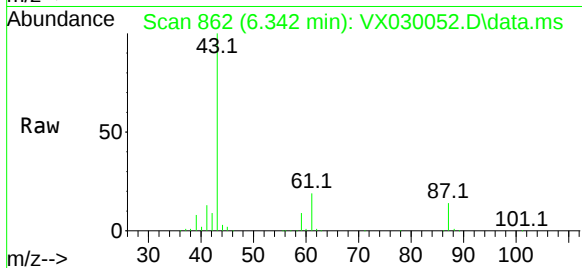
Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



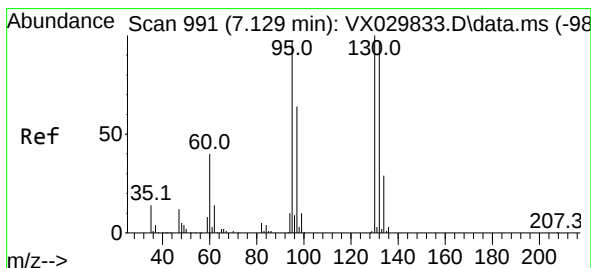
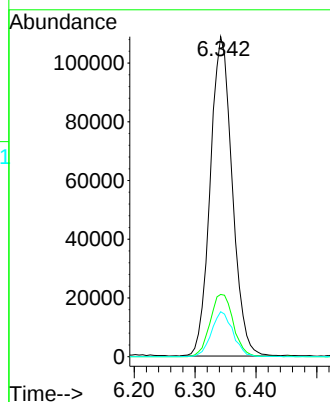
Tgt Ion:	43	Resp:	272860
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	13.8	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#44

Trichloroethene

Concen: 51.229 ug/l

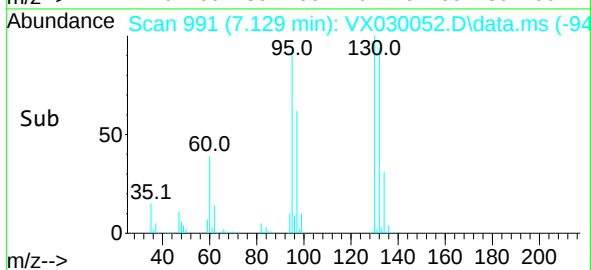
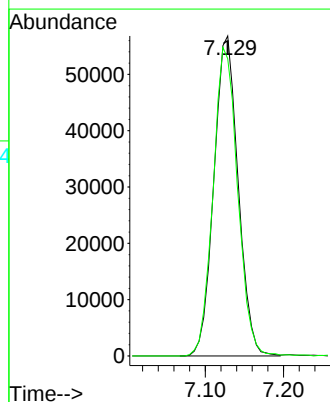
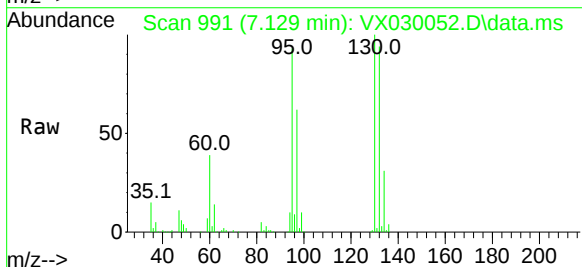
RT: 7.129 min Scan# 991

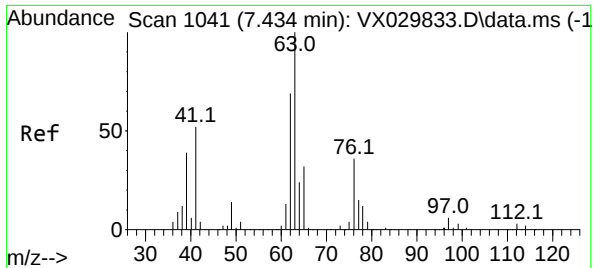
Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

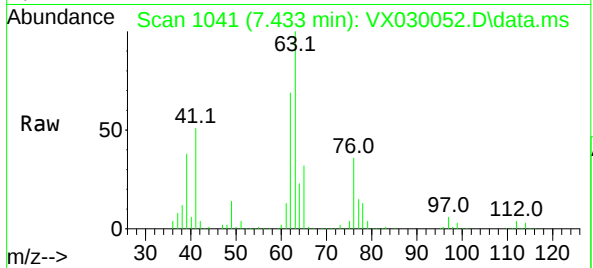
Tgt Ion:	130	Resp:	122211
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	194.8





#45
1,2-Dichloropropane
Concen: 54.242 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.001 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

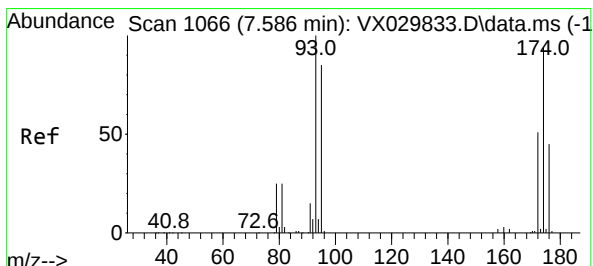
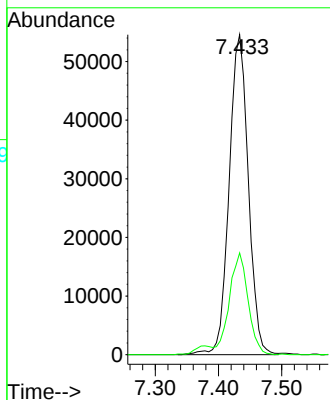
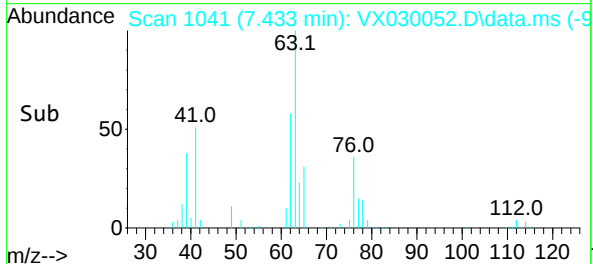
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 11510
Ion Ratio Lower Upper
63 100
65 31.7 25.2 37.8

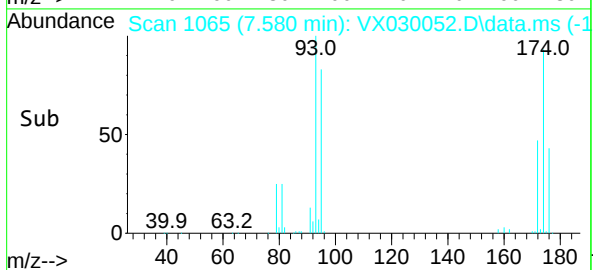
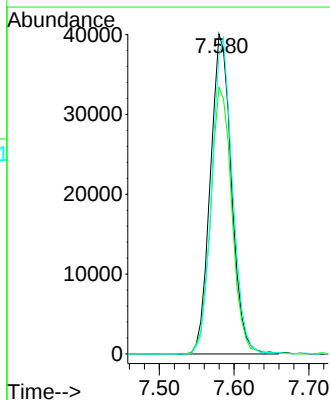
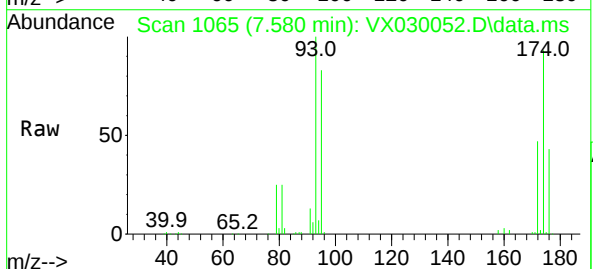
Manual Integrations
APPROVED

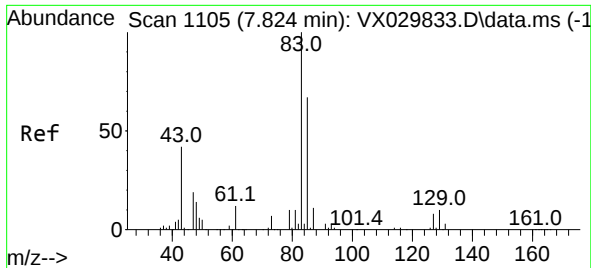
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#46
Dibromomethane
Concen: 53.853 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 93 Resp: 78653
Ion Ratio Lower Upper
93 100
95 84.0 67.4 101.0
174 96.7 75.6 113.4





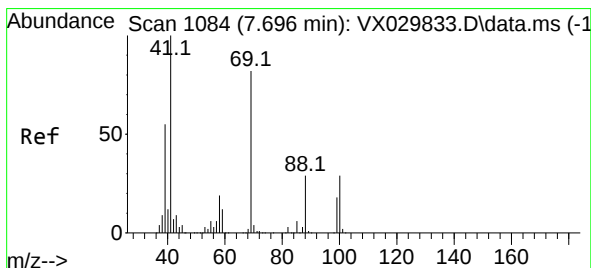
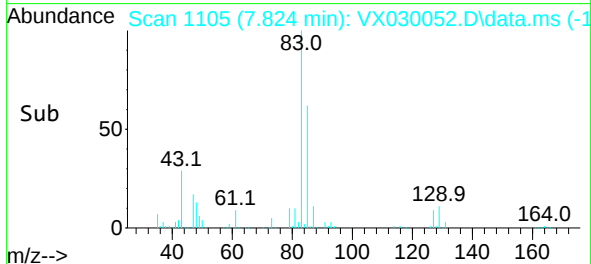
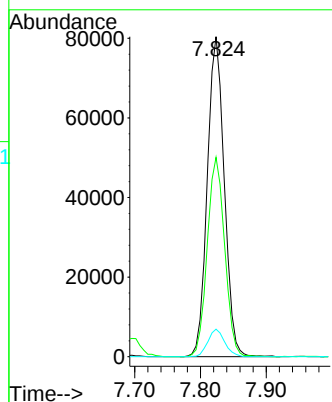
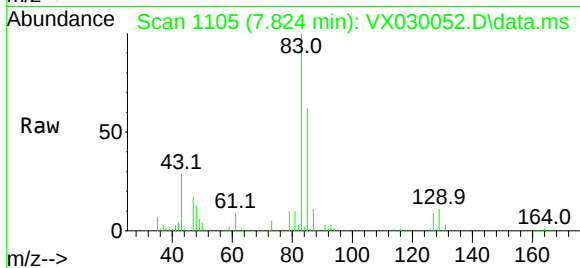
#47
Bromodichloromethane
Concen: 54.549 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 144563
Ion Ratio Lower Upper
83 100
85 62.3 53.5 80.3
127 8.6 6.6 10.0

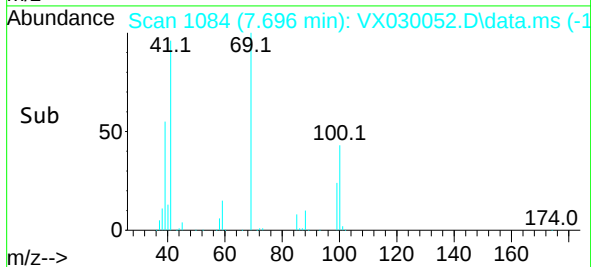
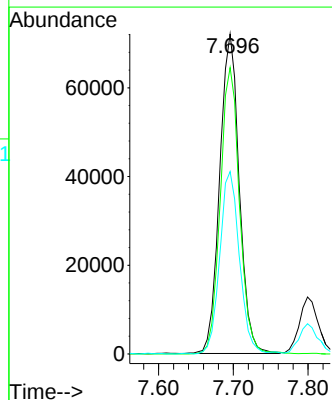
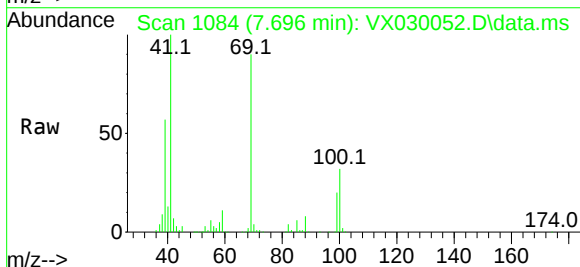
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#48
Methyl methacrylate
Concen: 56.715 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 41 Resp: 131154
Ion Ratio Lower Upper
41 100
69 88.6 68.8 103.2
39 57.6 44.6 66.8





#49

1,4-Dioxane

Concen: 1139.105 ug/l

RT: 7.665 min Scan# 1082

Delta R.T. -0.018 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 68438

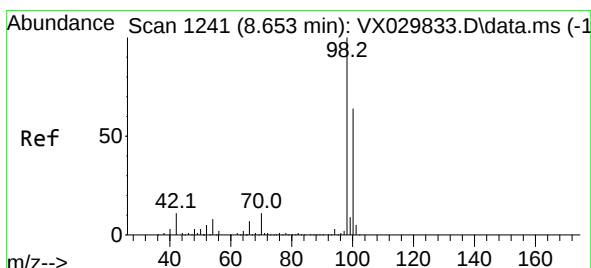
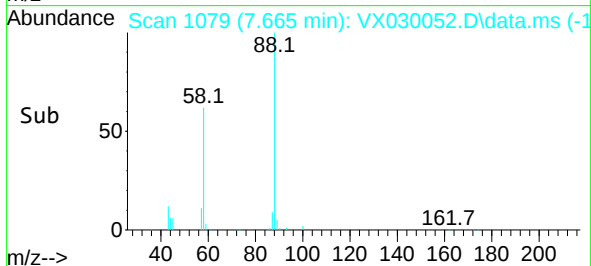
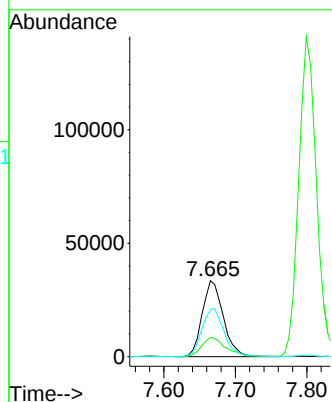
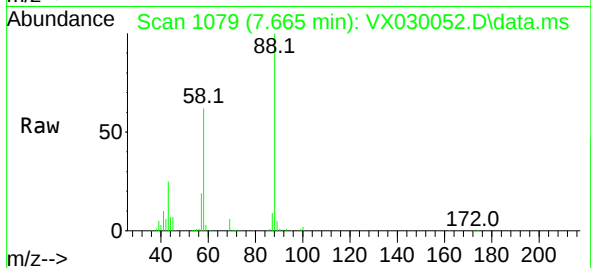
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.8	35.8
58	66.8	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 8.653 min Scan# 1241

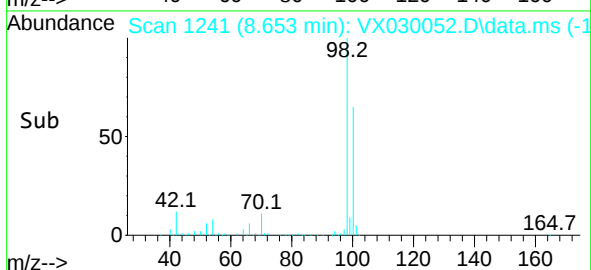
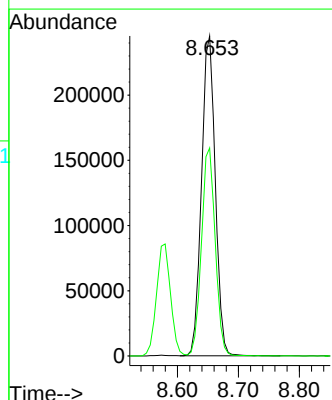
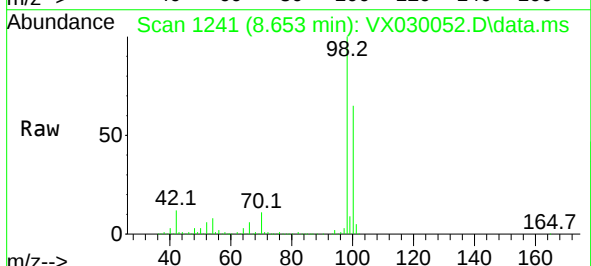
Delta R.T. -0.000 min

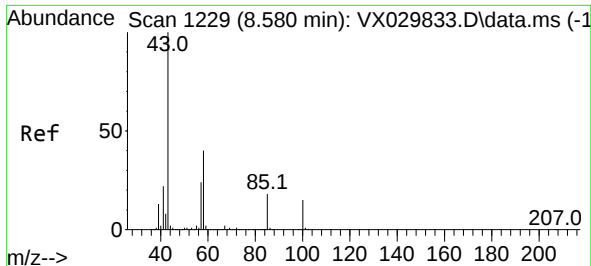
Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Tgt Ion: 98 Resp: 385694

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





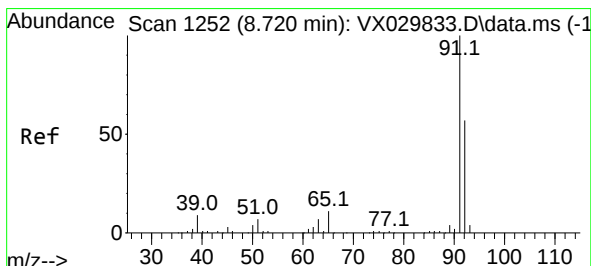
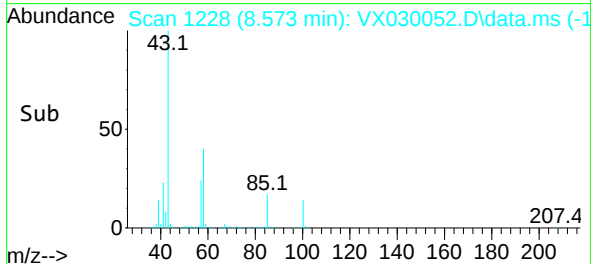
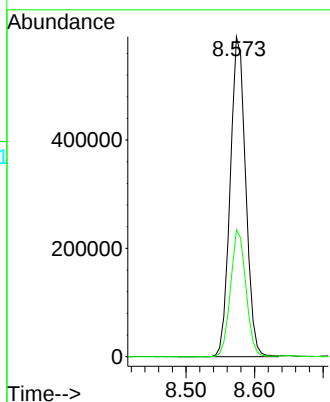
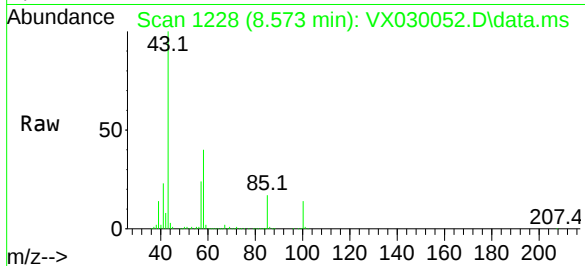
#51
4-Methyl-2-Pentanone
Concen: 280.023 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 928694
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2

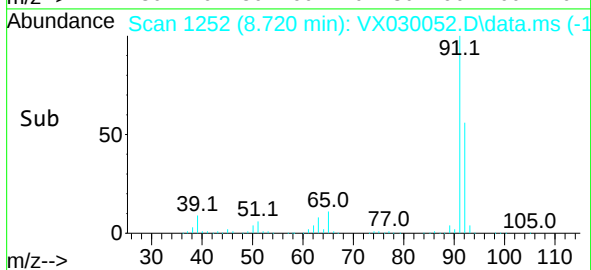
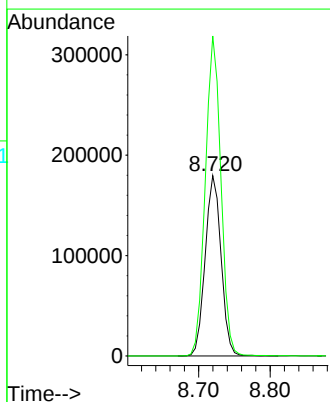
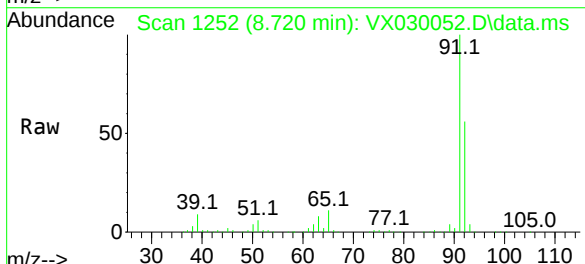
Manual Integrations
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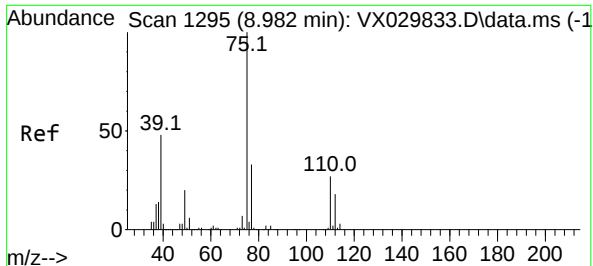
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 53.395 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 92 Resp: 276806
Ion Ratio Lower Upper
92 100
91 174.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.919 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 151179

Ion Ratio Lower Upper

75 100

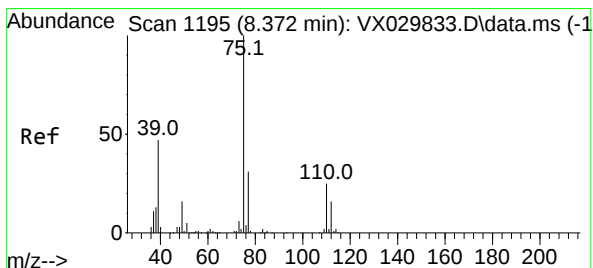
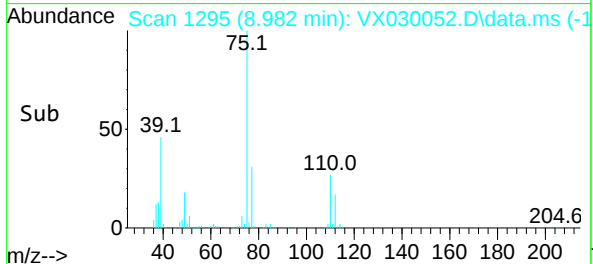
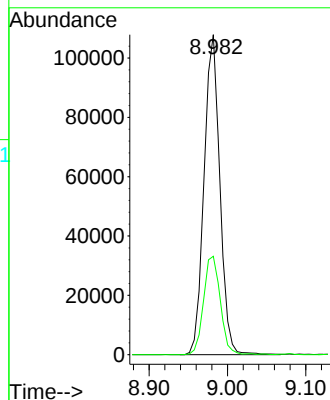
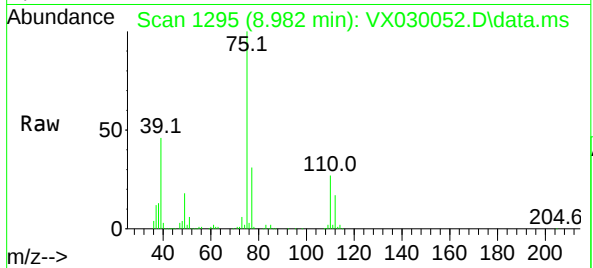
77 30.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#54

cis-1,3-Dichloropropene

Concen: 55.329 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

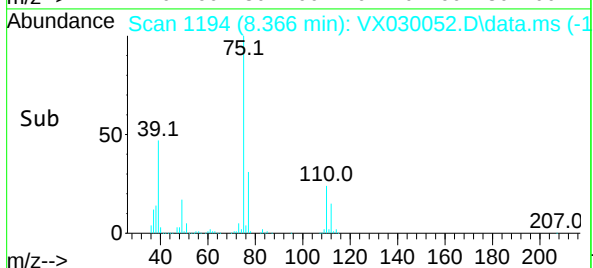
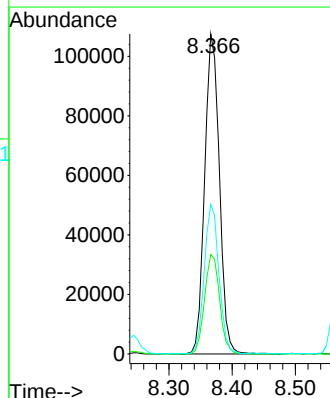
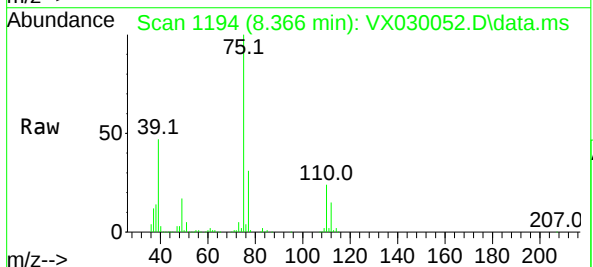
Tgt Ion: 75 Resp: 174486

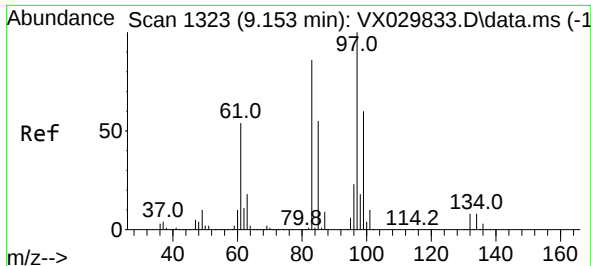
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 46.6 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 53.228 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 113794

Ion Ratio Lower Upper

97 100

83 88.5 68.9 103.3

85 58.6 44.0 66.0

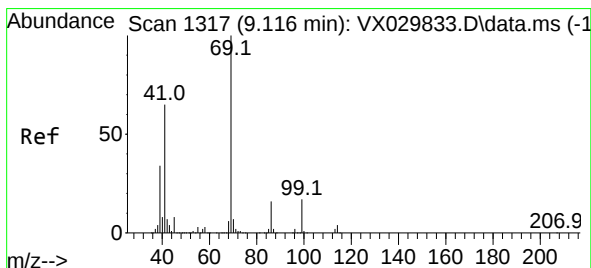
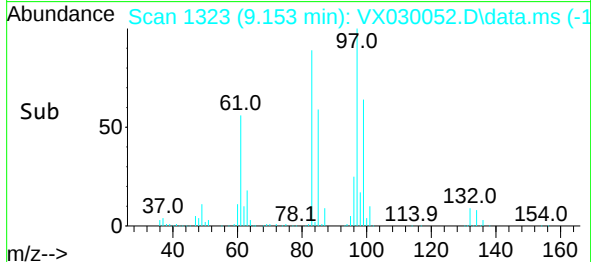
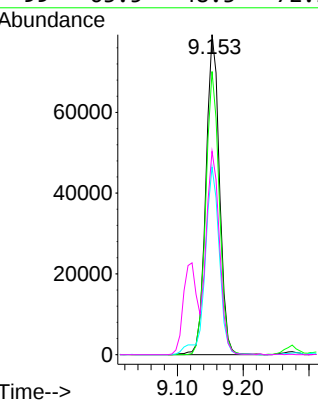
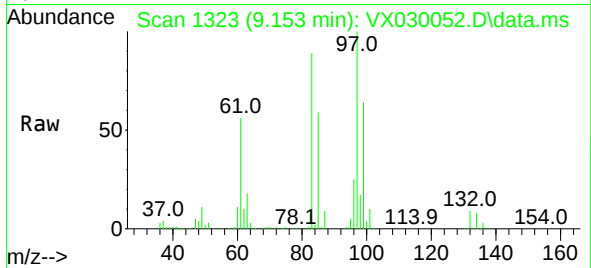
99 63.5 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#56

Ethyl methacrylate

Concen: 55.912 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

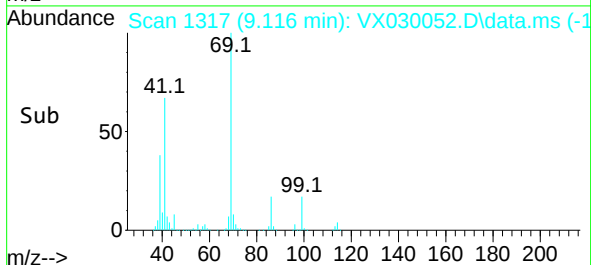
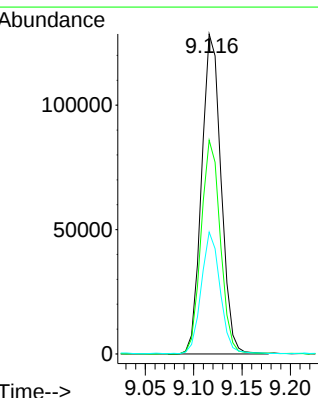
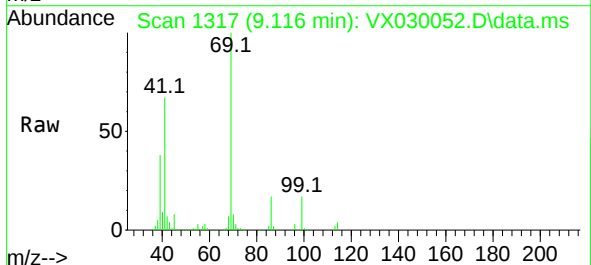
Tgt Ion: 69 Resp: 179714

Ion Ratio Lower Upper

69 100

41 66.3 52.3 78.5

39 37.0 28.2 42.4





#57

1,3-Dichloropropane

Concen: 54.596 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18541

Ion Ratio Lower Upper

76 100

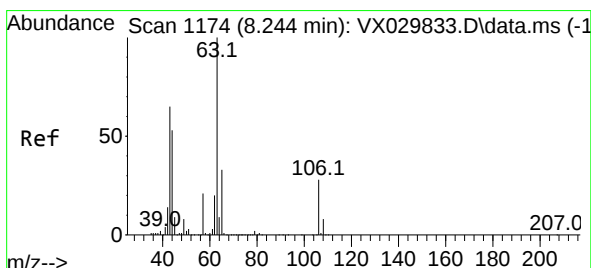
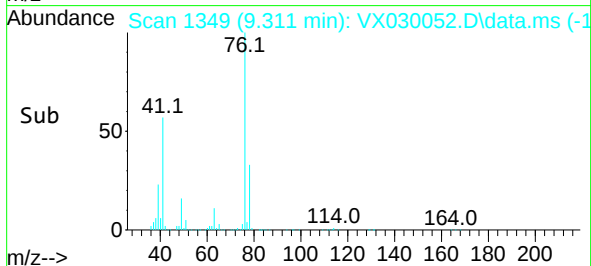
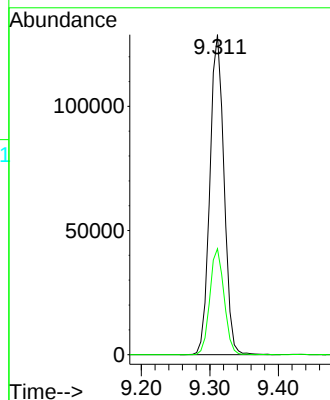
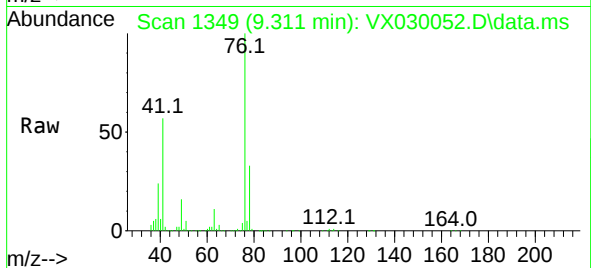
78 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 278.283 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030052.D

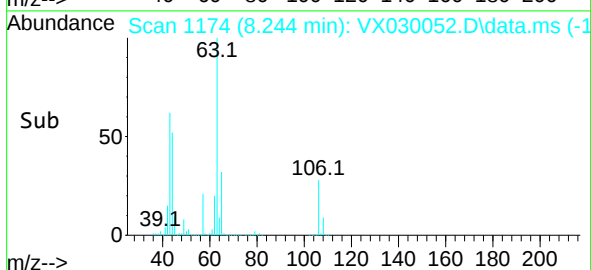
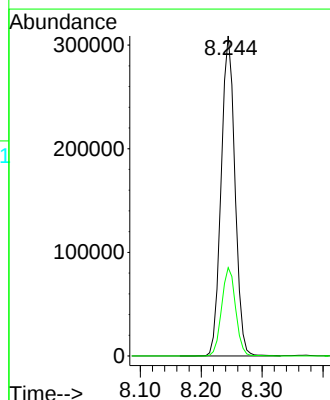
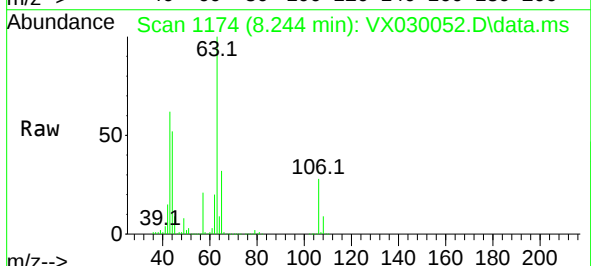
Acq: 14 Jul 2022 11:09

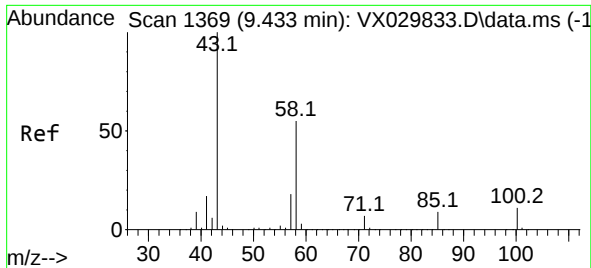
Tgt Ion: 63 Resp: 485697

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.2





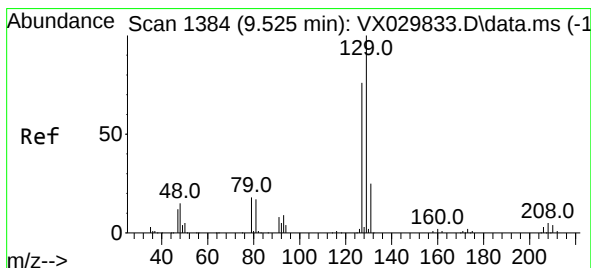
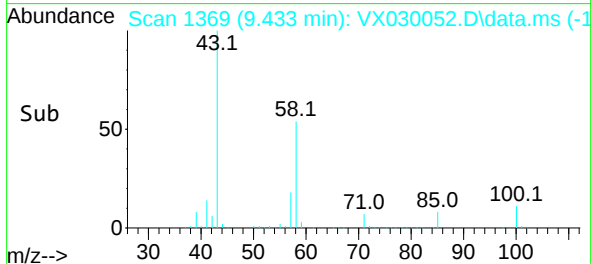
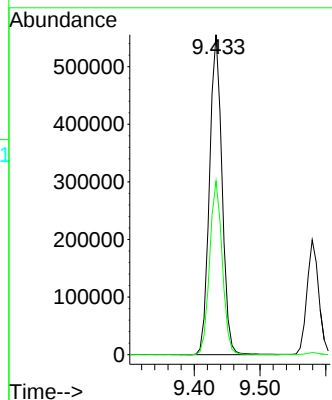
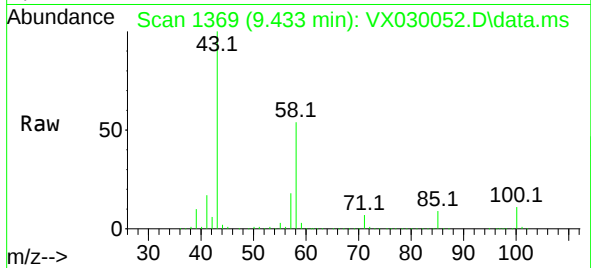
#59
2-Hexanone
Concen: 289.234 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73560
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.8

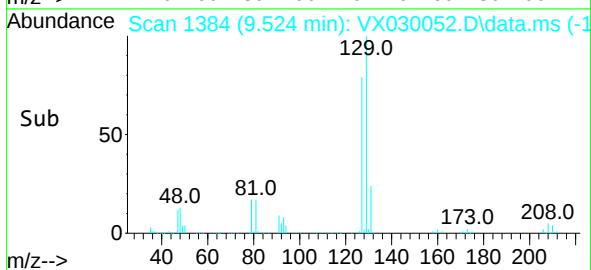
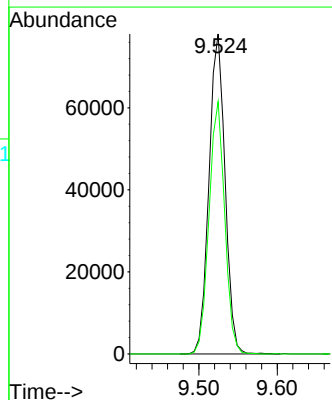
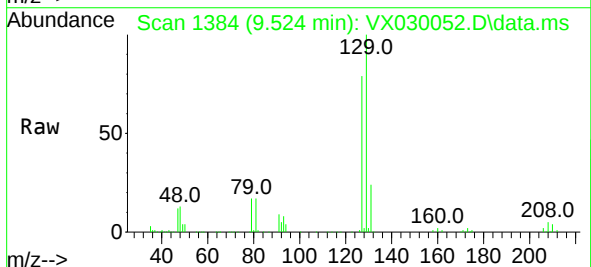
Manual Integrations
APPROVED

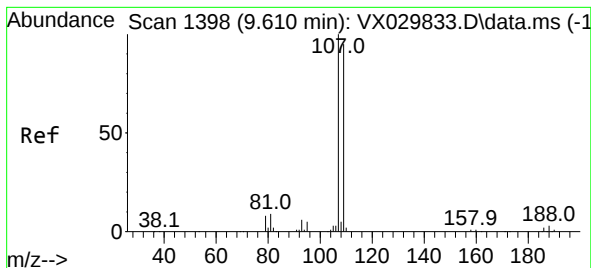
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#60
Dibromochloromethane
Concen: 53.174 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.001 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

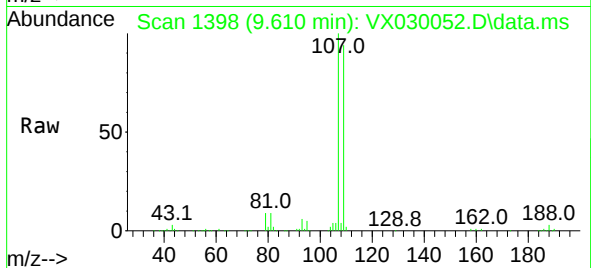
Tgt Ion:129 Resp: 110748
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.176 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

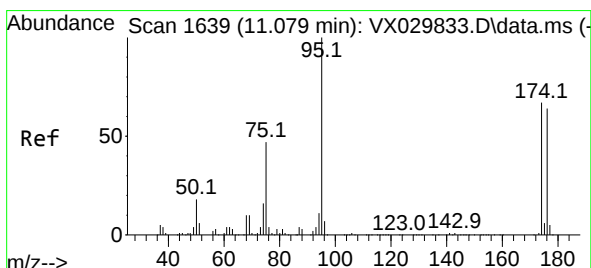
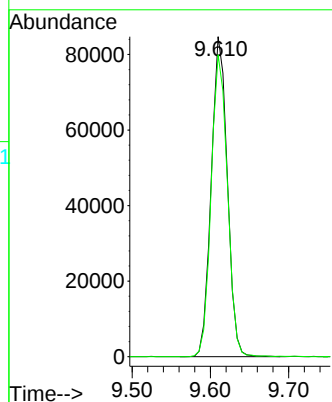
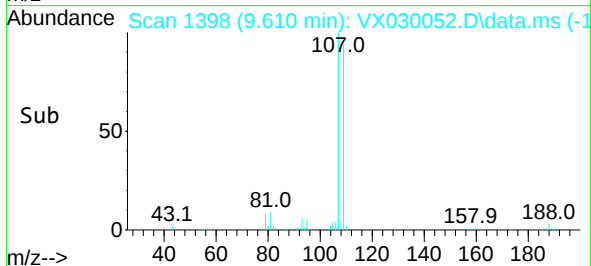
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



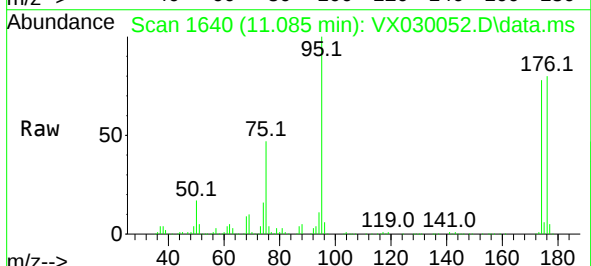
Tgt Ion:107 Resp: 120540
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

Manual Integrations
APPROVED

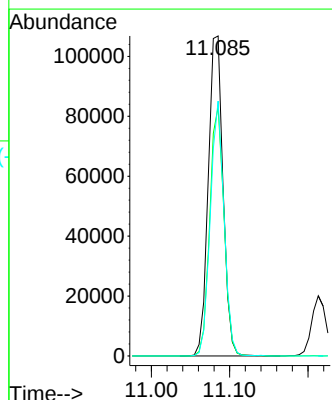
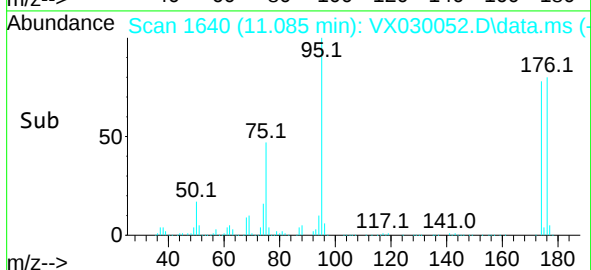
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#62
4-Bromofluorobenzene
Concen: 53.161 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



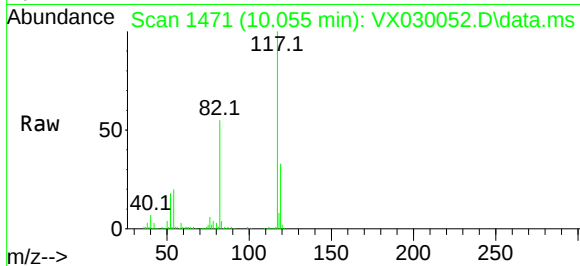
Tgt Ion: 95 Resp: 139326
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.0
176 74.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

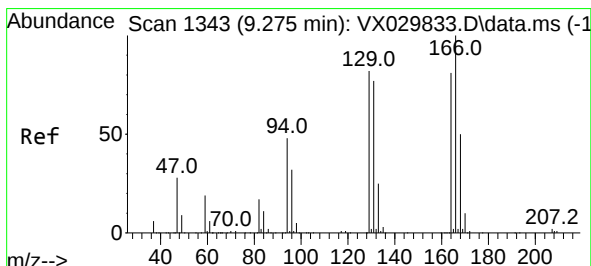
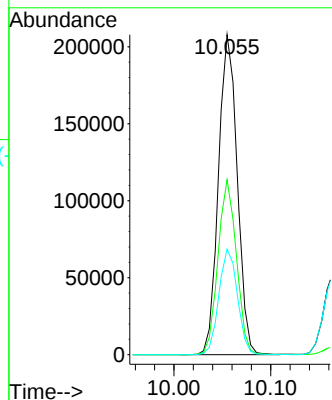
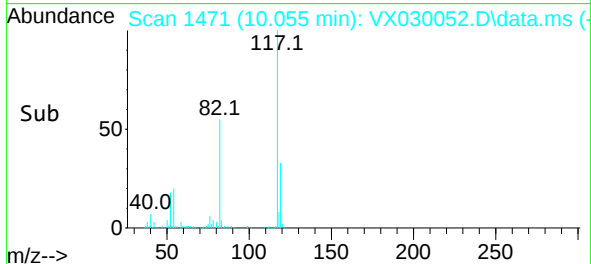
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27960
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 33.0 25.4 38.2

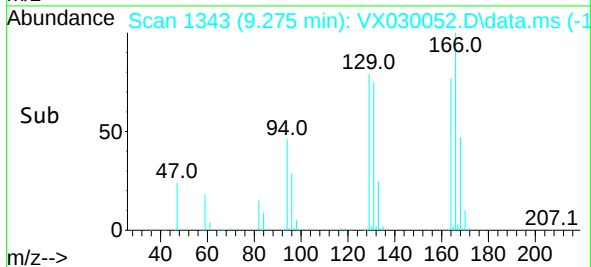
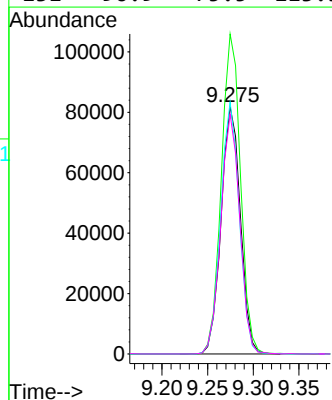
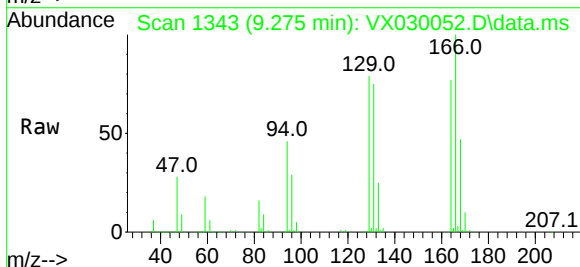
Manual Integrations
APPROVED

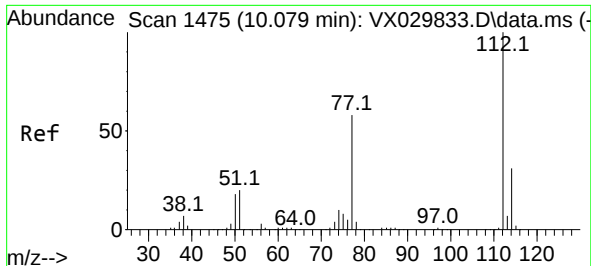
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#64
Tetrachloroethene
Concen: 53.451 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion:164 Resp: 119972
Ion Ratio Lower Upper
164 100
166 129.3 98.2 147.4
129 101.8 80.8 121.2
131 96.9 75.5 113.3





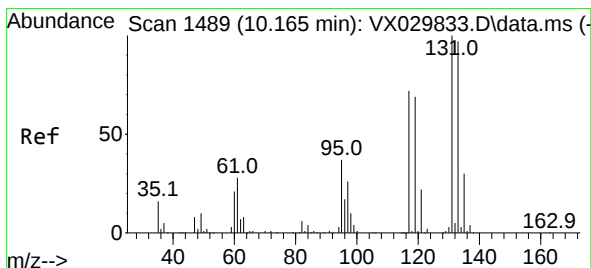
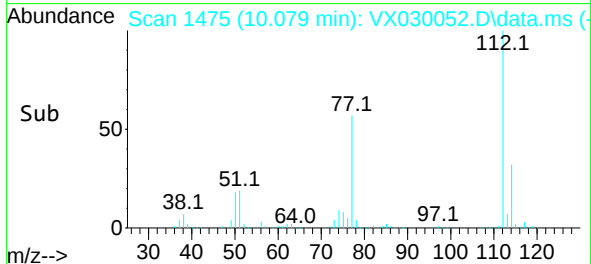
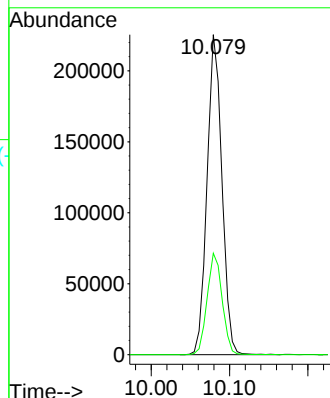
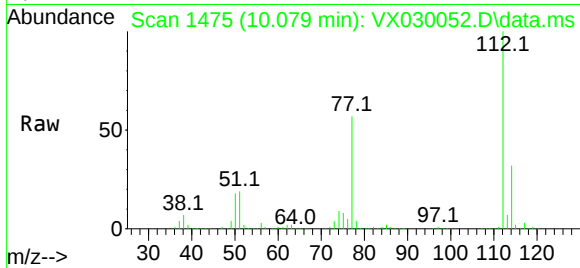
#65
Chlorobenzene
Concen: 53.221 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 29632
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8

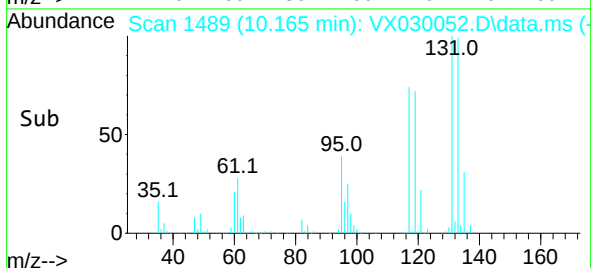
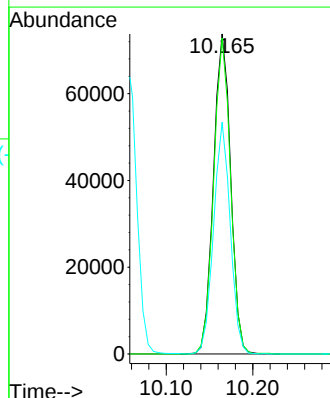
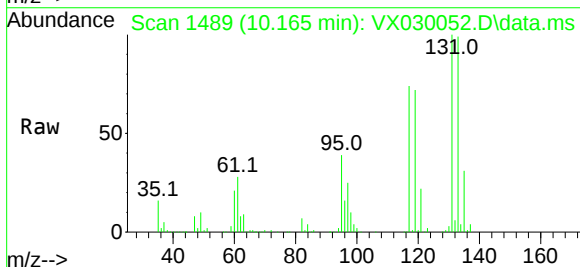
Manual Integrations
APPROVED

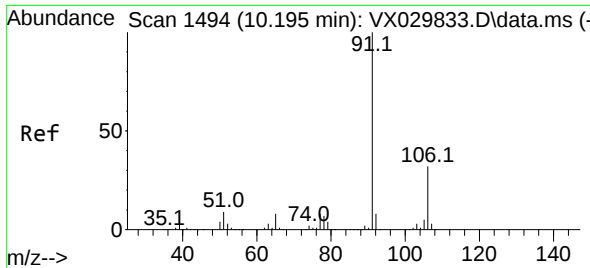
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.564 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

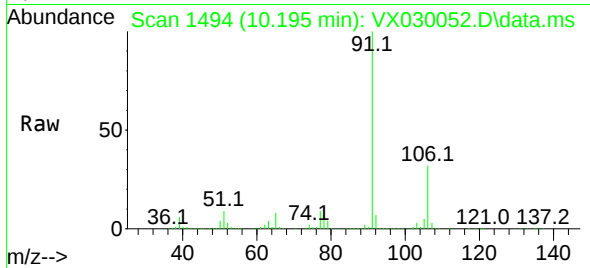
Tgt Ion:131 Resp: 101672
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.8
119 70.4 34.4 103.1





#67
Ethyl Benzene
Concen: 56.311 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

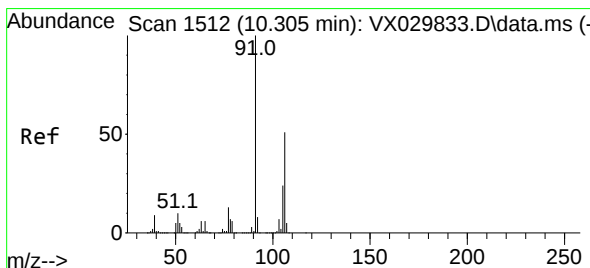
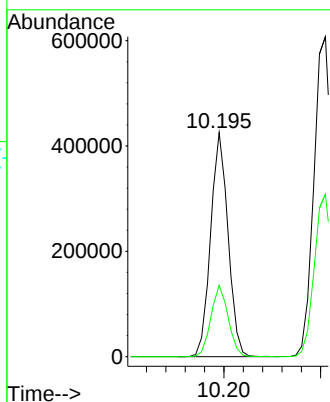
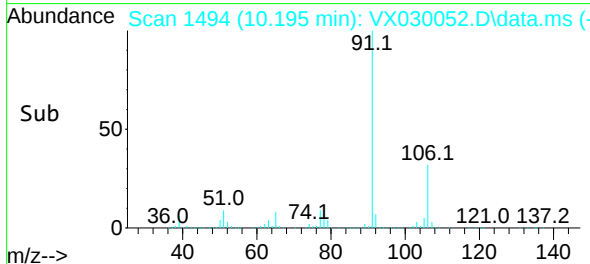
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



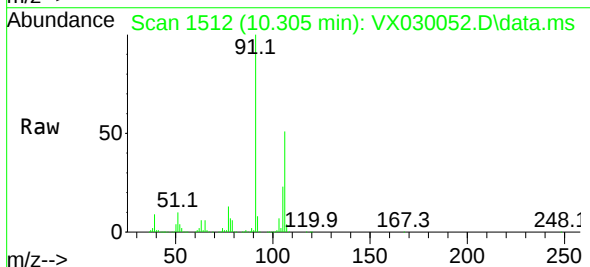
Tgt Ion: 91 Resp: 531379
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

Manual Integrations
APPROVED

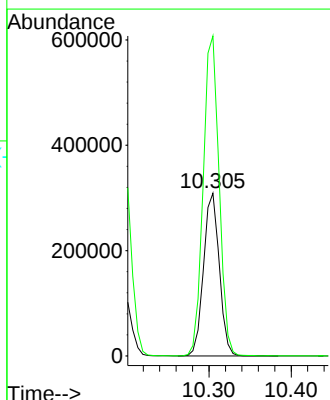
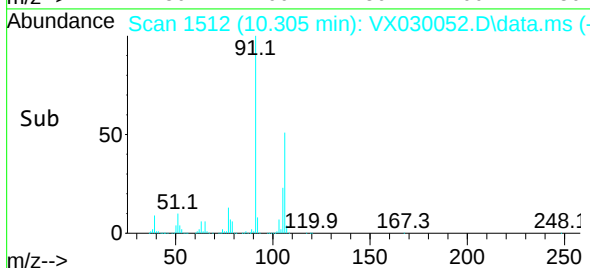
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

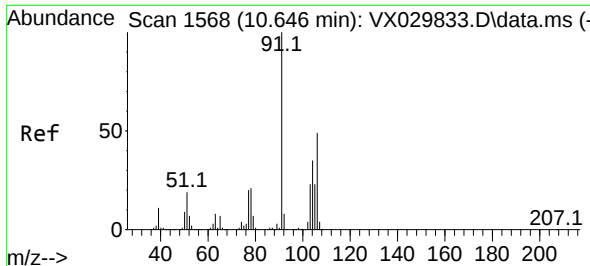


#68
m/p-Xylenes
Concen: 111.083 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



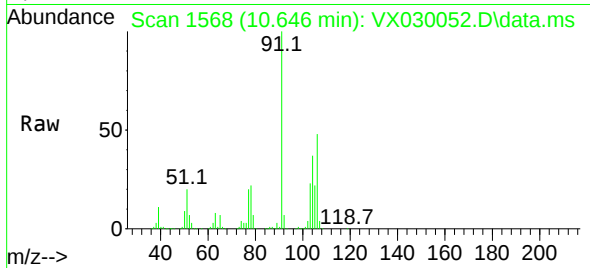
Tgt Ion:106 Resp: 411131
Ion Ratio Lower Upper
106 100
91 198.7 158.2 237.4





#69
o-Xylene
Concen: 53.723 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

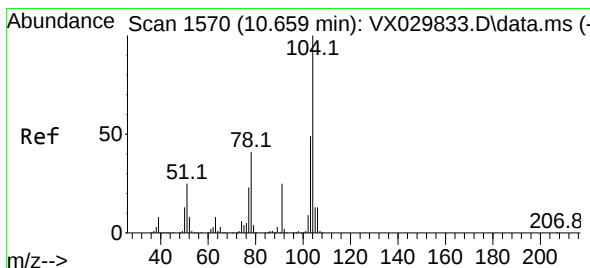
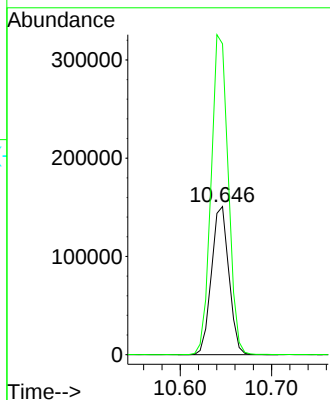
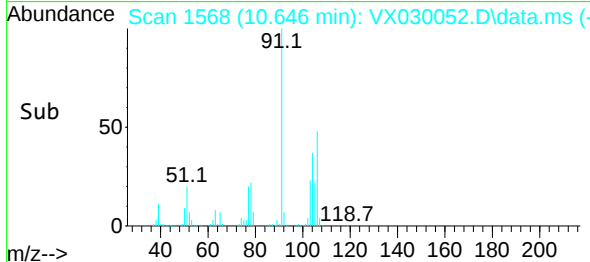
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



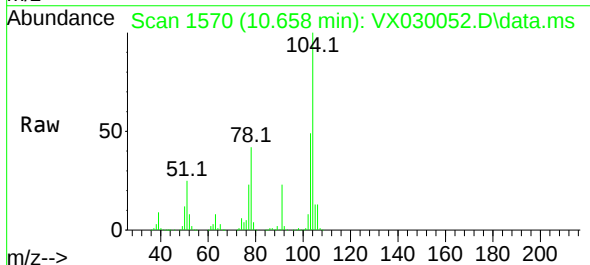
Tgt Ion:106 Resp: 199092
Ion Ratio Lower Upper
106 100
91 213.3 103.8 311.6

Manual Integrations
APPROVED

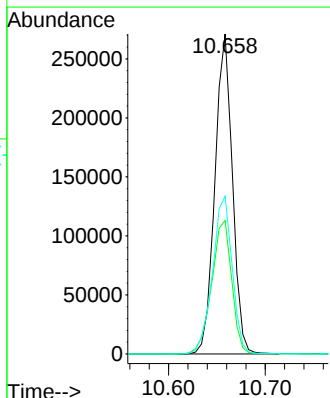
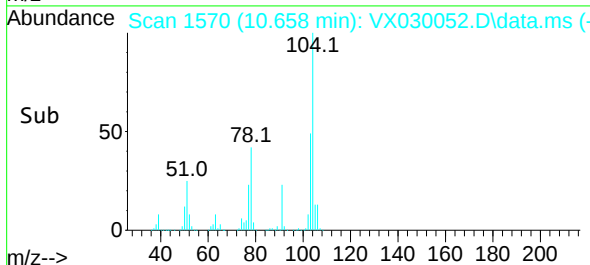
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

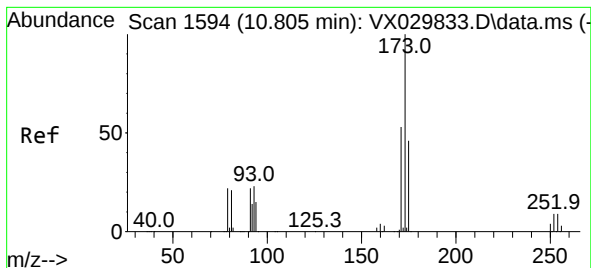


#70
Styrene
Concen: 55.361 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



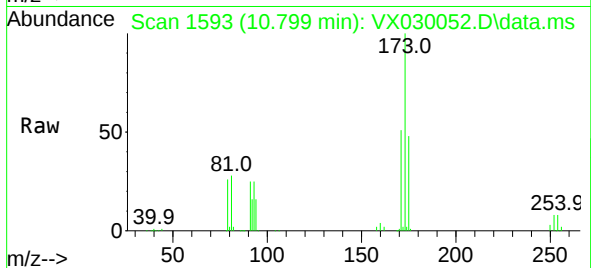
Tgt Ion:104 Resp: 340522
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 52.201 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

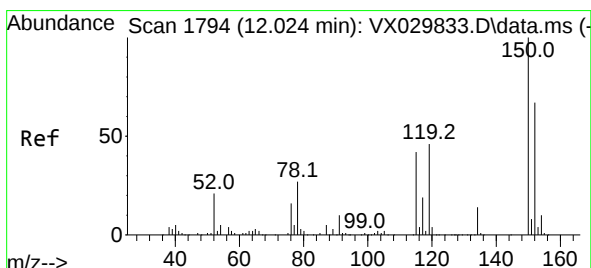
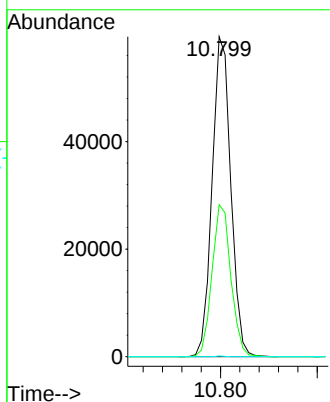
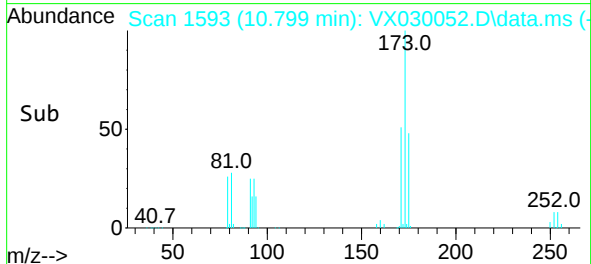
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



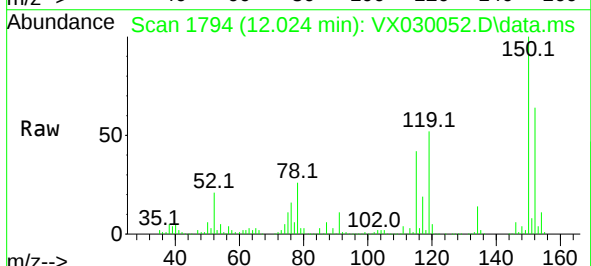
Tgt Ion:173 Resp: 7960
Ion Ratio Lower Upper
173 100
175 48.0 23.8 71.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

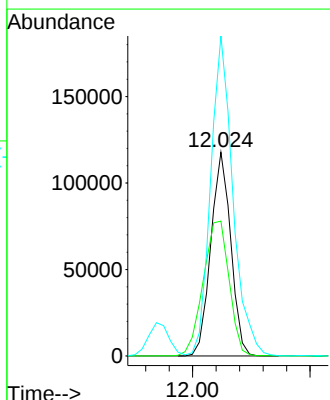
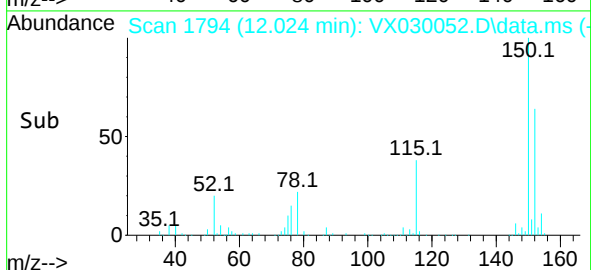
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

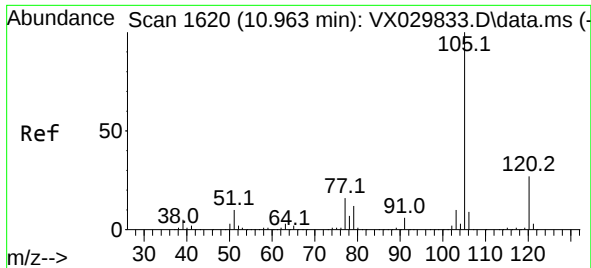


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



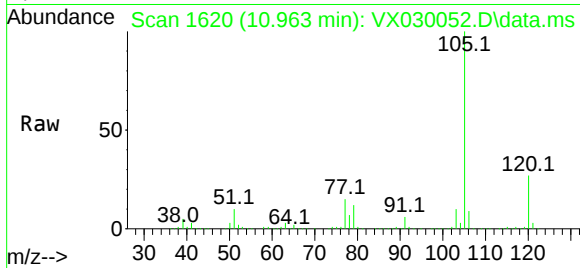
Tgt Ion:152 Resp: 139139
Ion Ratio Lower Upper
152 100
115 86.0 40.5 121.5
150 175.0 0.0 347.0





#73
Isopropylbenzene
Concen: 54.115 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

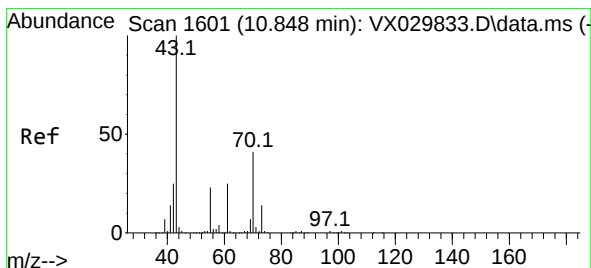
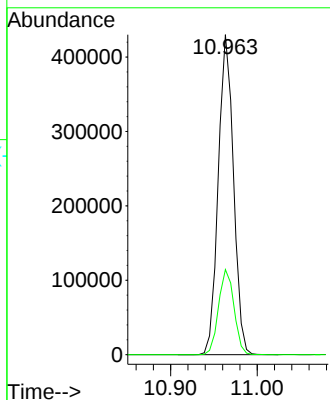
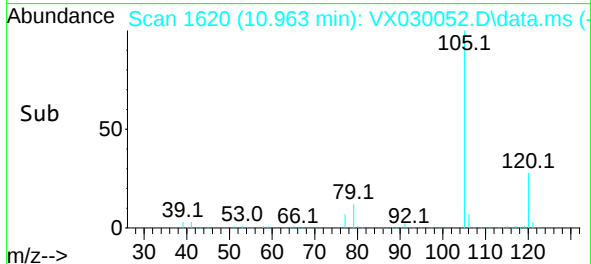
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



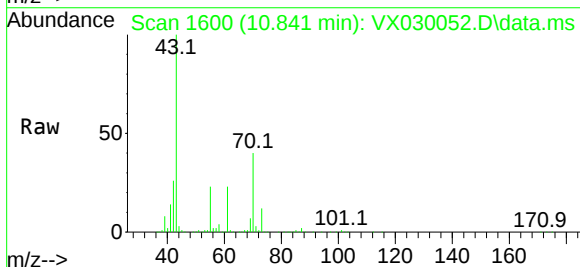
Tgt Ion:105 Resp: 524278
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

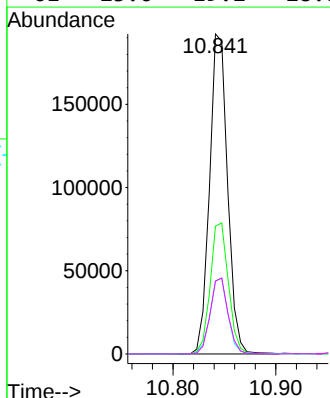
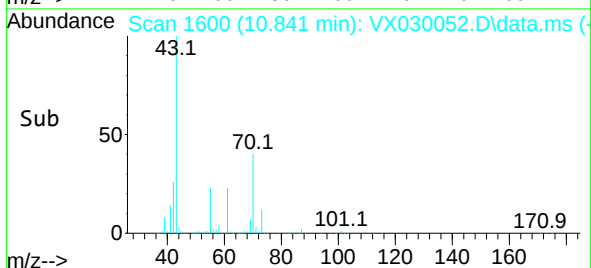
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#74
N-ethyl acetate
Concen: 54.978 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



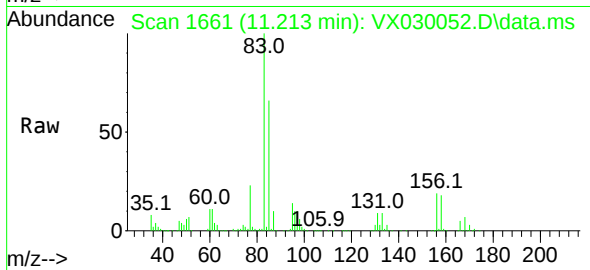
Tgt Ion: 43 Resp: 233942
Ion Ratio Lower Upper
43 100
70 41.4 32.3 48.5
55 23.5 18.4 27.6
61 23.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.827 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

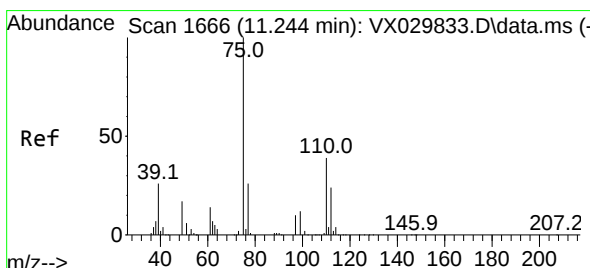
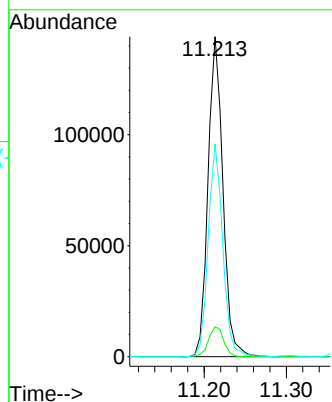
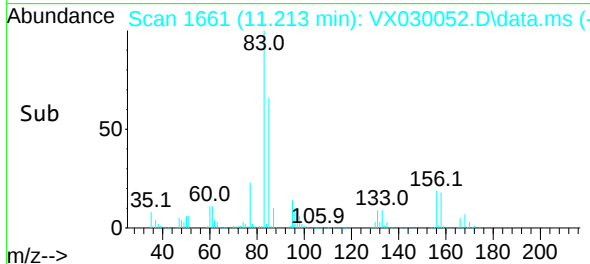
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



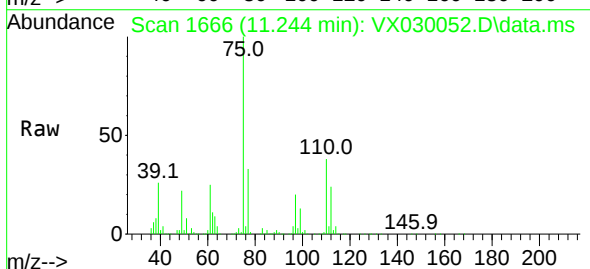
Tgt Ion: 83 Resp: 18115
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 65.3 32.5 97.5

Manual Integrations
APPROVED

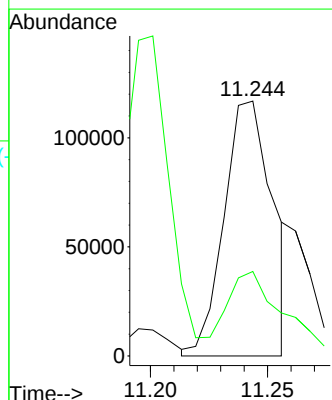
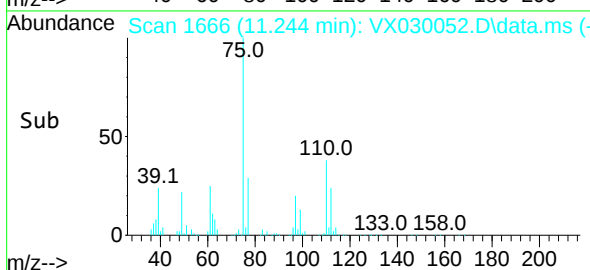
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

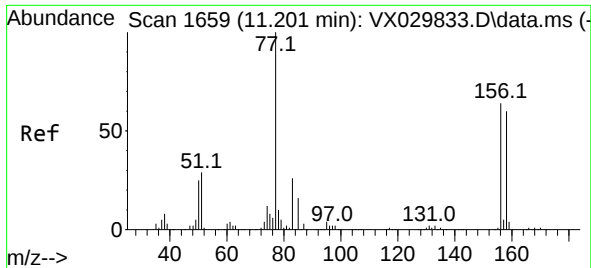


#76
1,2,3-Trichloropropane
Concen: 52.805 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



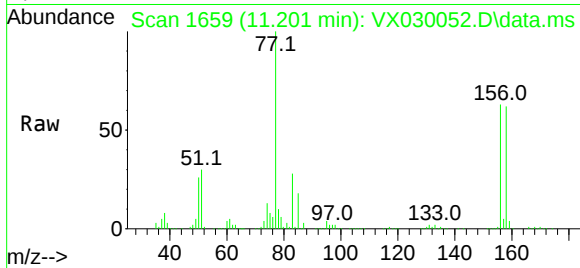
Tgt Ion: 75 Resp: 168930
Ion Ratio Lower Upper
75 100
77 38.0 19.8 59.3





#77
Bromobenzene
Concen: 49.671 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

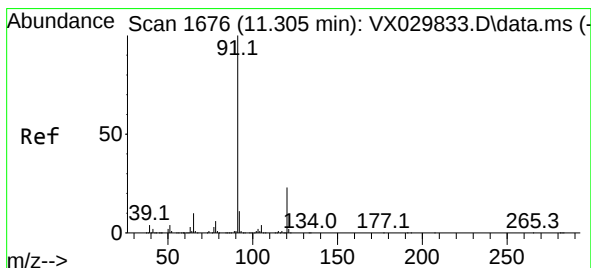
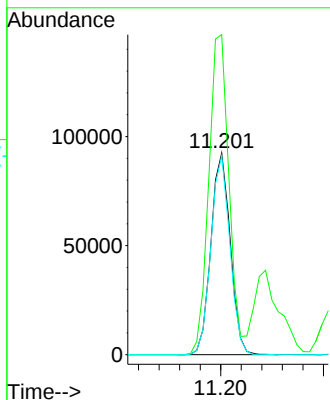
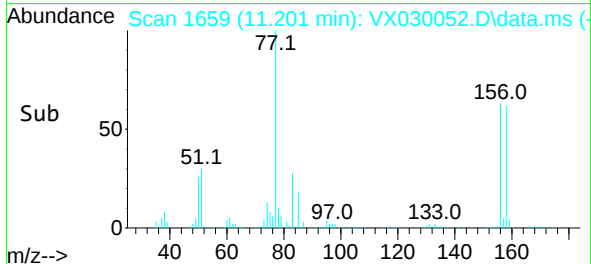
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



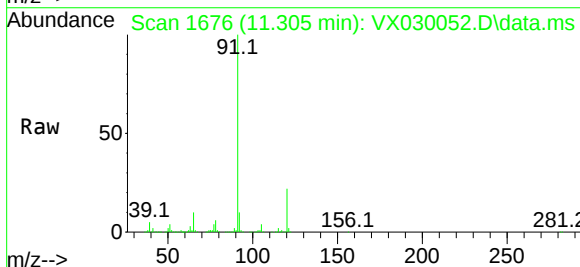
Tgt Ion:156 Resp: 120402
Ion Ratio Lower Upper
156 100
77 164.6 82.7 247.9
158 96.8 47.5 142.5

Manual Integrations
APPROVED

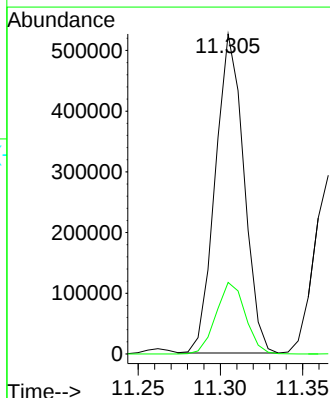
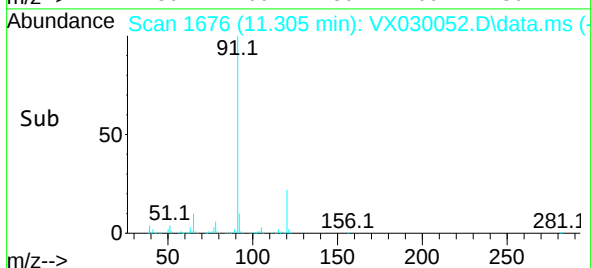
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

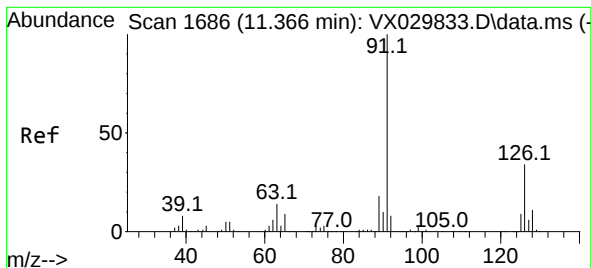


#78
n-propylbenzene
Concen: 55.324 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



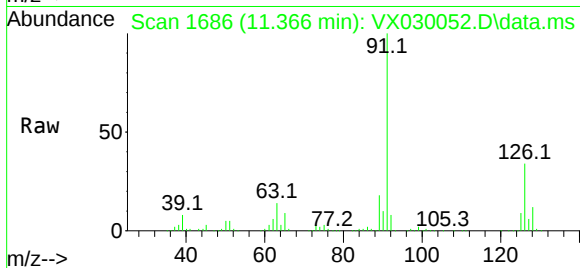
Tgt Ion: 91 Resp: 635875
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 53.249 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

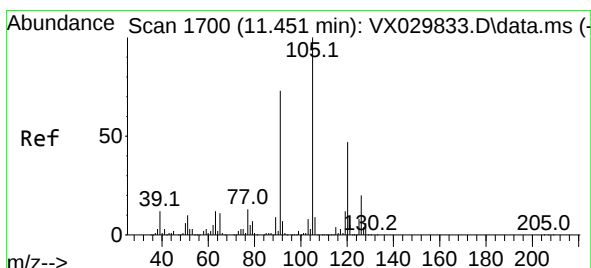
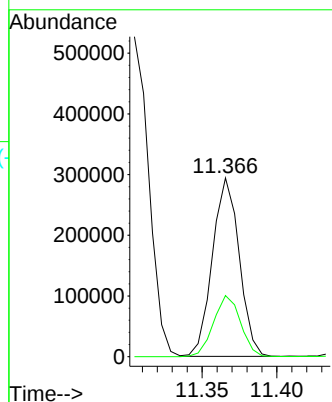
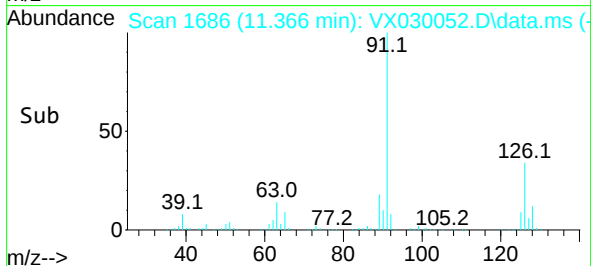
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



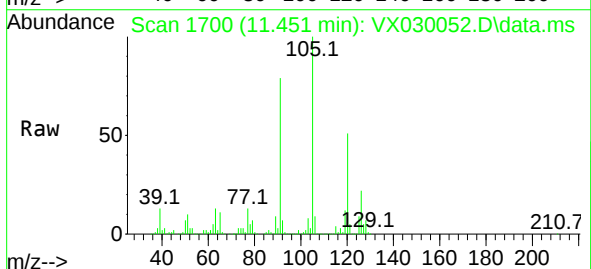
Tgt Ion: 91 Resp: 366579
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3

Manual Integrations
APPROVED

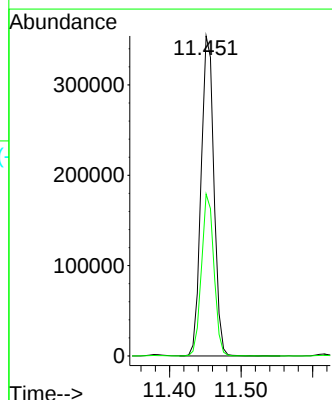
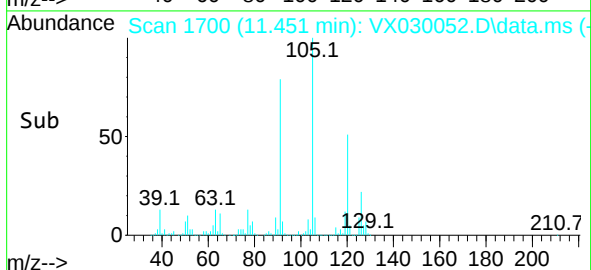
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

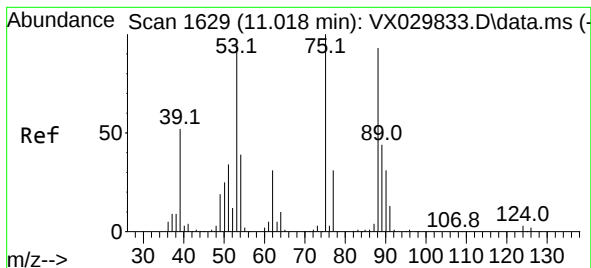


#80
1,3,5-Trimethylbenzene
Concen: 53.999 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



Tgt Ion:105 Resp: 440824
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.2





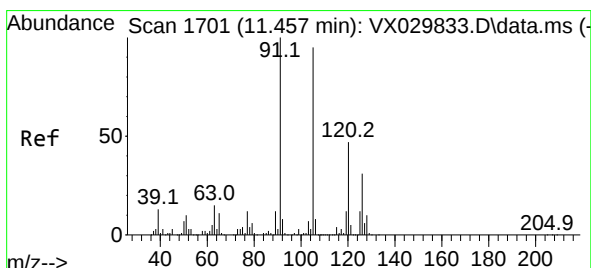
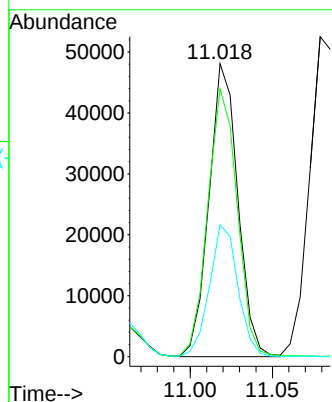
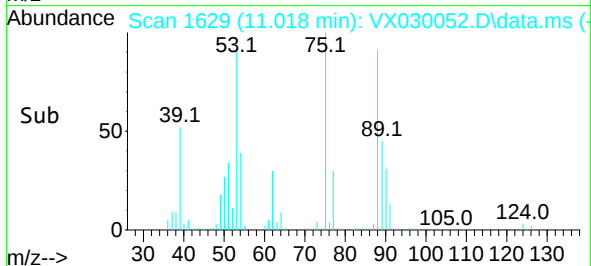
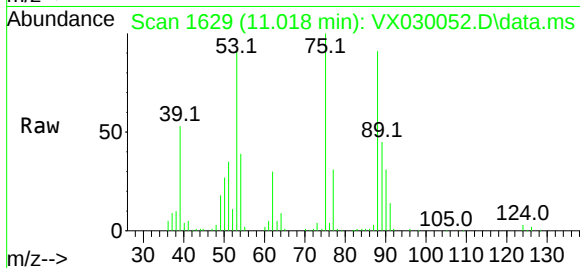
#81
trans-1,4-Dichloro-2-butene
Concen: 52.895 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58634
Ion Ratio Lower Upper
75 100
53 93.1 74.2 111.4
89 44.5 34.8 52.2

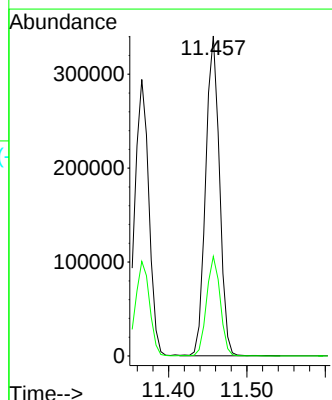
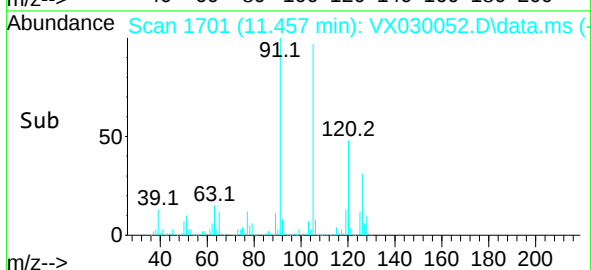
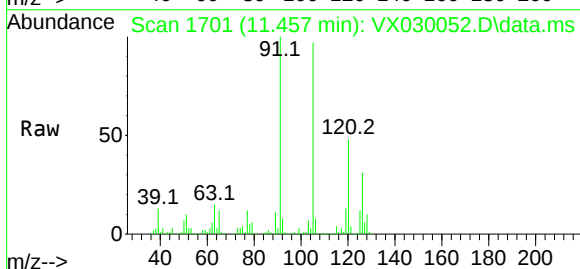
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#82
4-Chlorotoluene
Concen: 53.974 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion: 91 Resp: 416311
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 53.005 ug/l

RT: 11.719 min Scan# 11744

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 414964

Ion Ratio Lower Upper

119 100

91 60.0 28.3 84.9

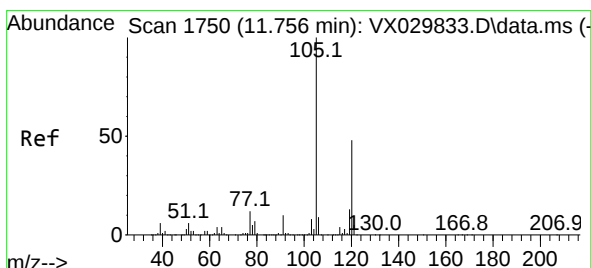
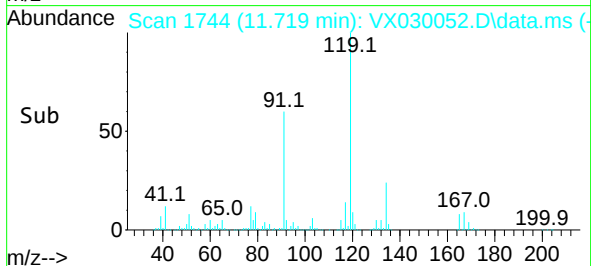
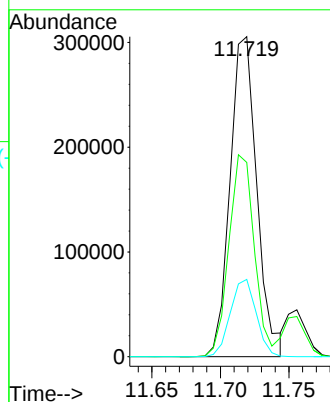
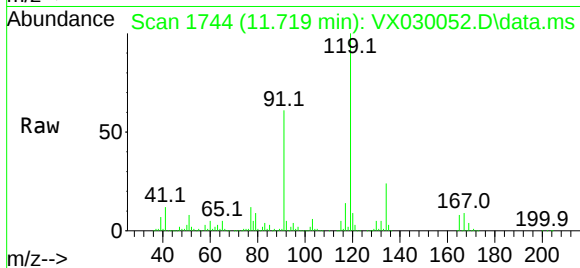
134 23.4 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#84

1,2,4-Trimethylbenzene

Concen: 55.436 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030052.D

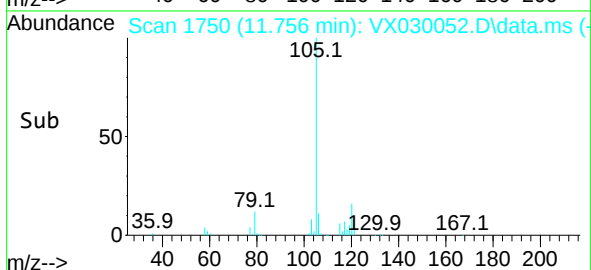
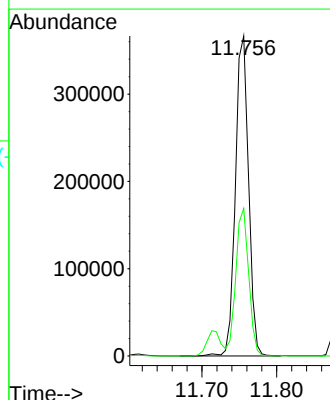
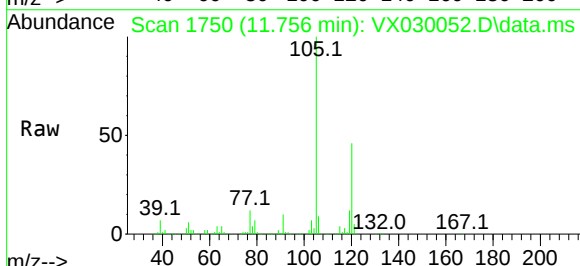
Acq: 14 Jul 2022 11:09

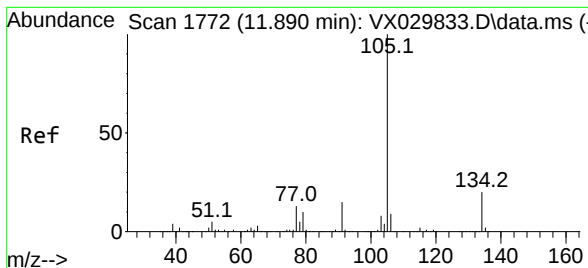
Tgt Ion:105 Resp: 447629

Ion Ratio Lower Upper

105 100

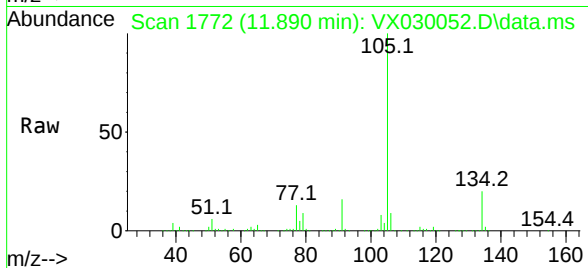
120 45.3 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 55.355 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030052.D
 Acq: 14 Jul 2022 11:09

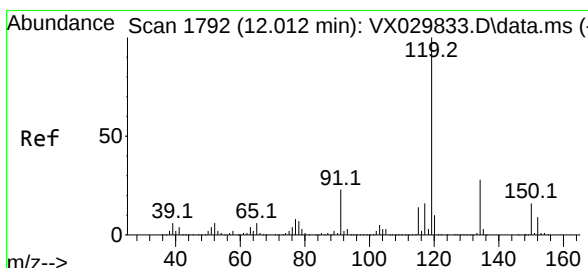
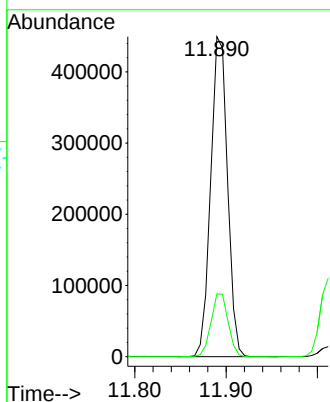
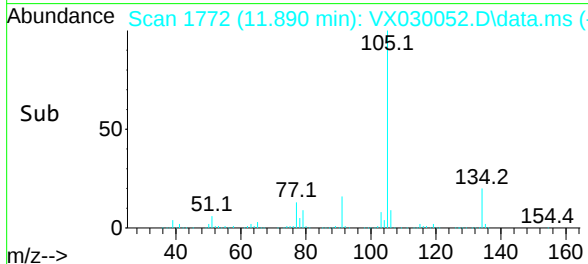
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



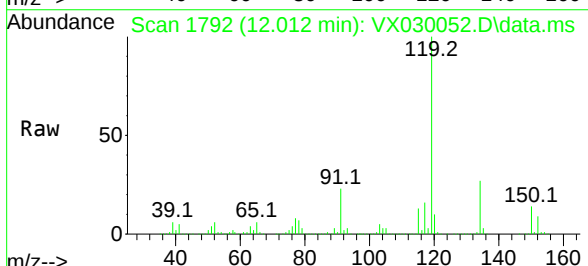
Tgt Ion:105 Resp: 572900
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

Manual Integrations
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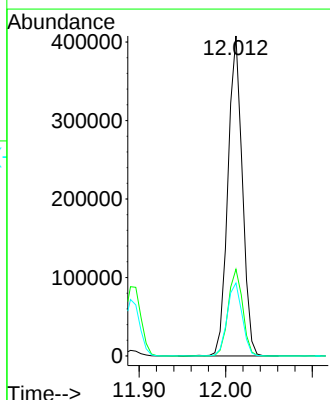
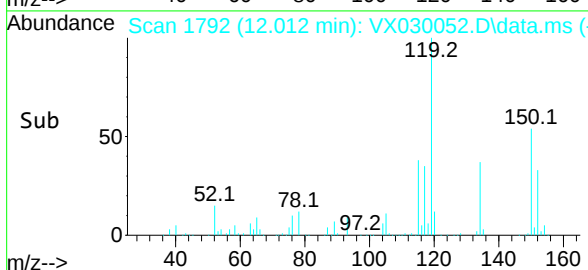
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#86
 p-Isopropyltoluene
 Concen: 56.675 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030052.D
 Acq: 14 Jul 2022 11:09



Tgt Ion:119 Resp: 470571
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.9 41.6
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.489 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 239568

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

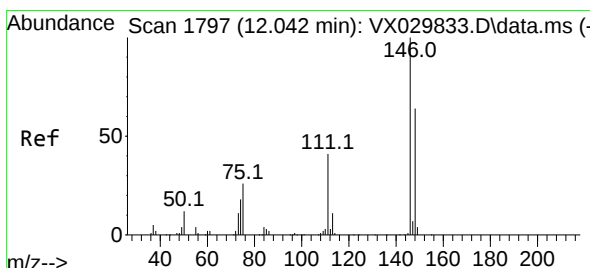
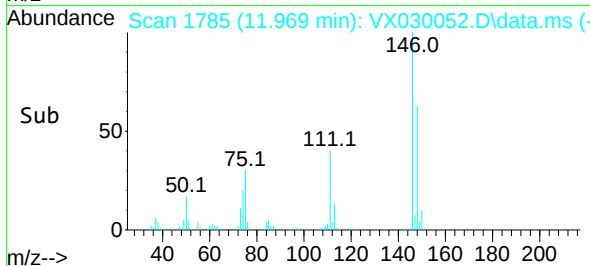
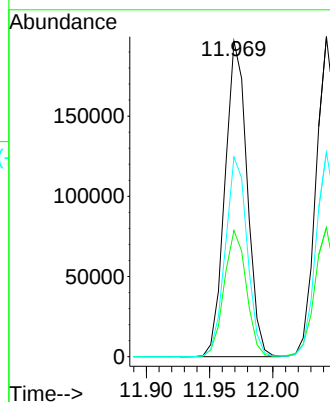
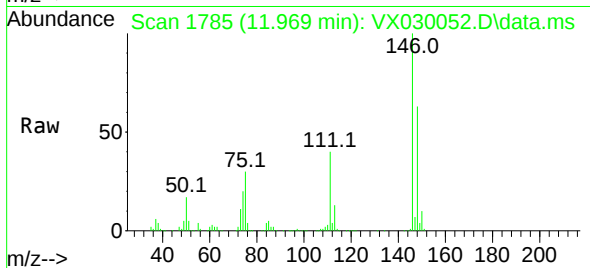
148 62.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#88

1,4-Dichlorobenzene

Concen: 52.106 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

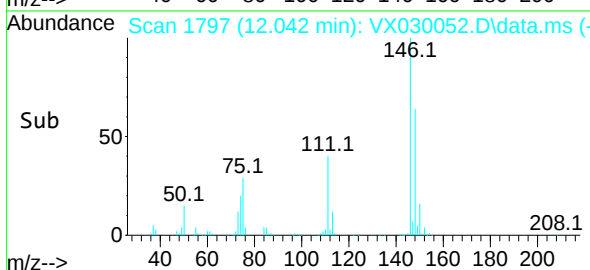
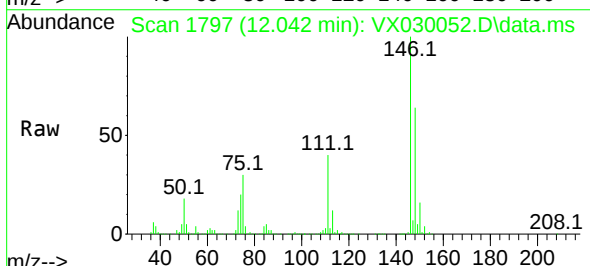
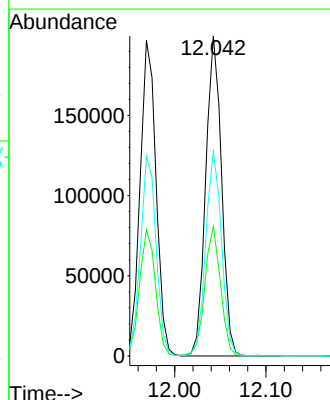
Tgt Ion:146 Resp: 239487

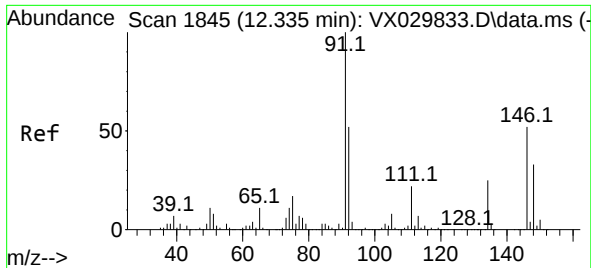
Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 60.371 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 449118

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

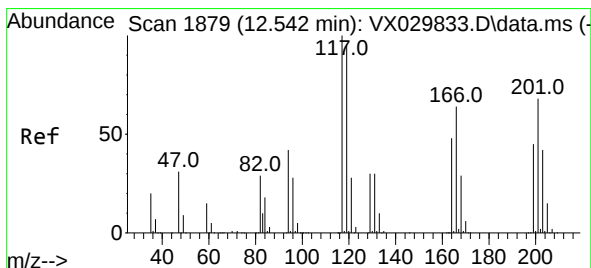
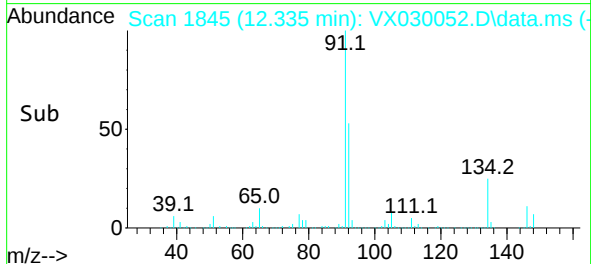
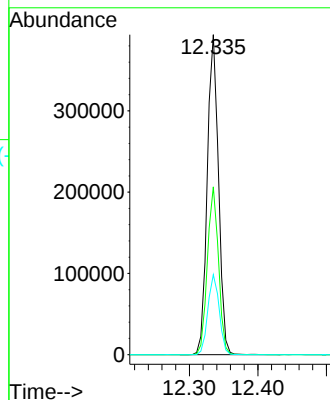
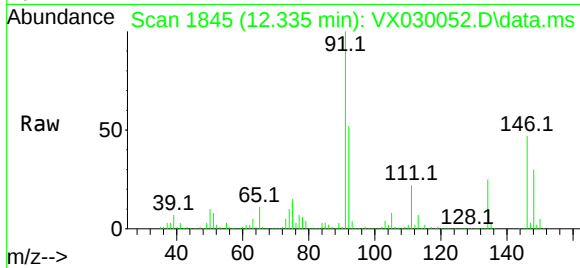
134 25.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#90

Hexachloroethane

Concen: 54.311 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX030052.D

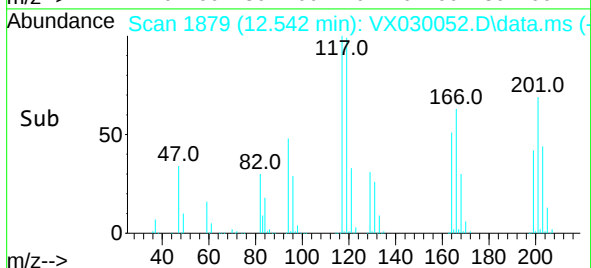
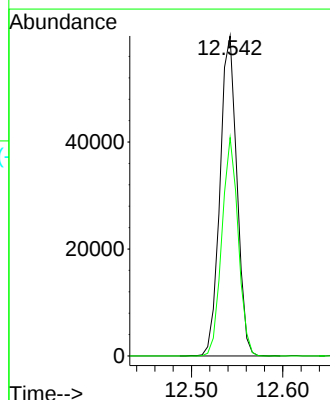
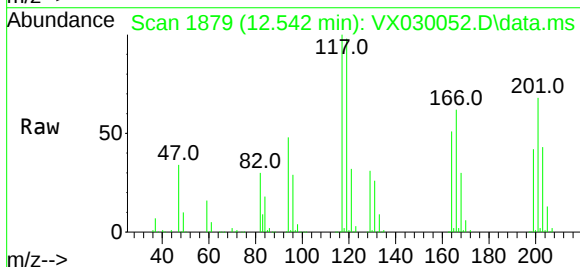
Acq: 14 Jul 2022 11:09

Tgt Ion:117 Resp: 77089

Ion Ratio Lower Upper

117 100

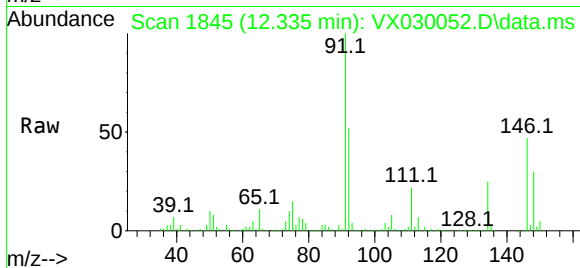
201 65.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 53.534 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

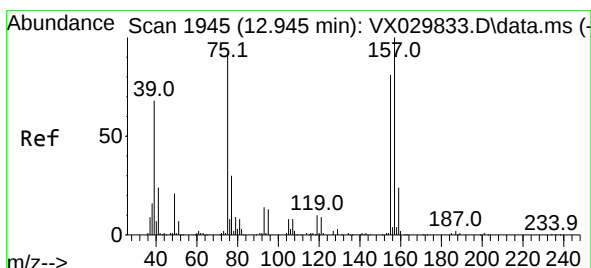
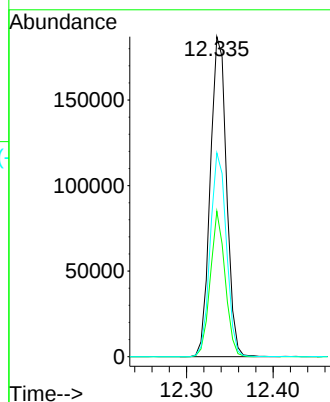
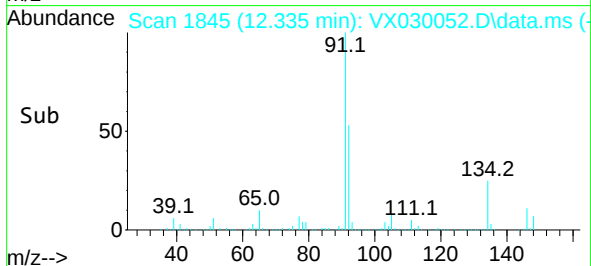
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



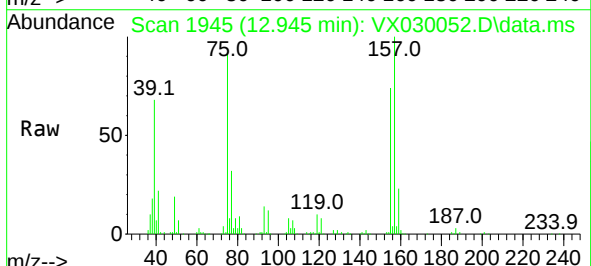
Tgt Ion:146 Resp: 243589
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 63.2 32.0 96.2

Manual Integrations
APPROVED

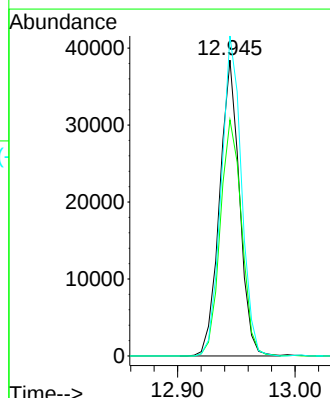
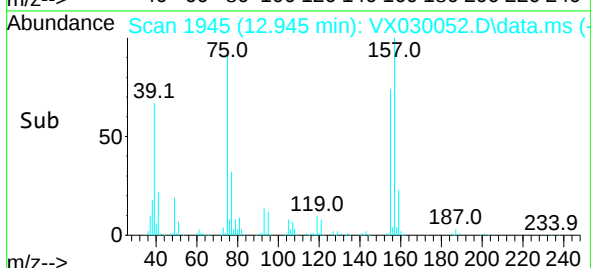
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

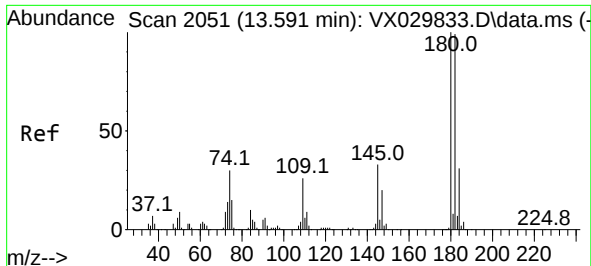


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.831 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09



Tgt Ion: 75 Resp: 45357
Ion Ratio Lower Upper
75 100
155 85.1 45.0 134.8
157 109.2 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 53.769 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 15027

Ion Ratio Lower Upper

180 100

182 94.8 48.2 144.6

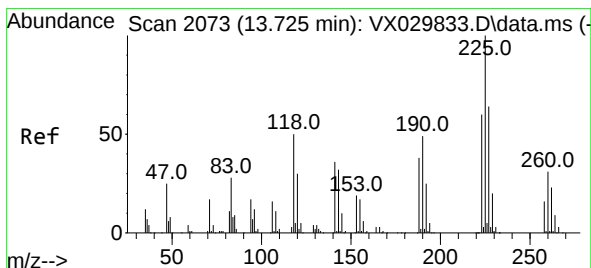
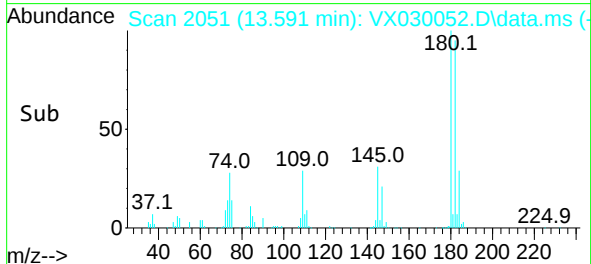
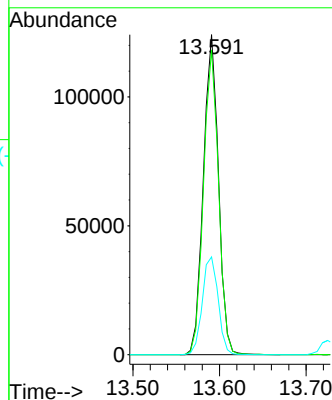
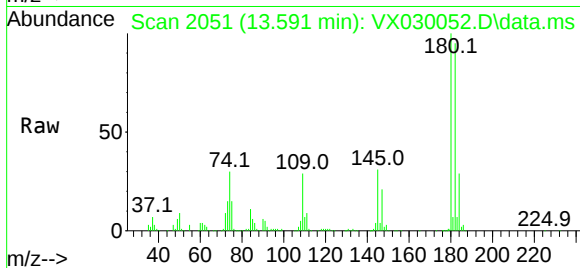
145 32.1 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#94

Hexachlorobutadiene

Concen: 53.167 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX030052.D

Acq: 14 Jul 2022 11:09

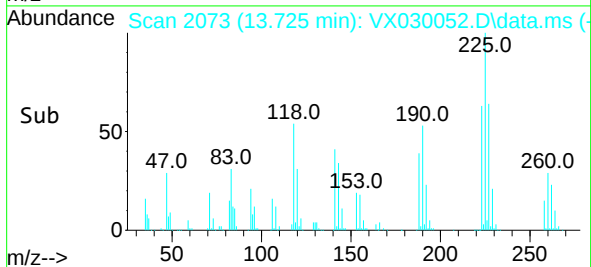
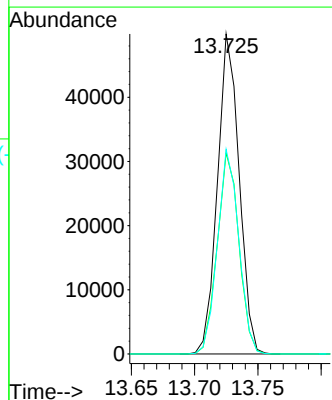
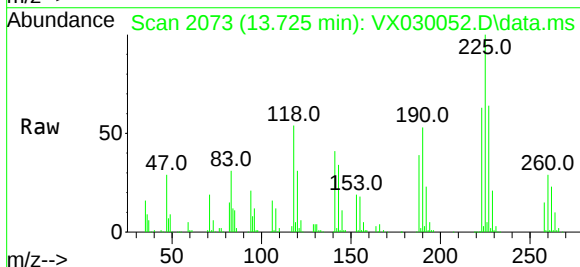
Tgt Ion:225 Resp: 59325

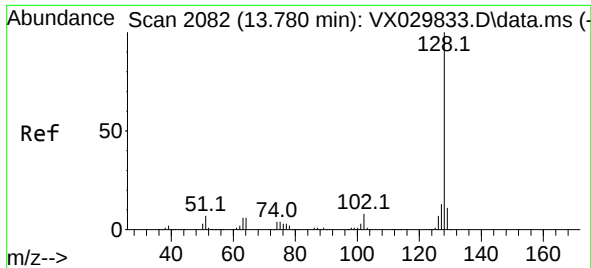
Ion Ratio Lower Upper

225 100

223 62.8 30.6 91.6

227 62.9 31.9 95.9





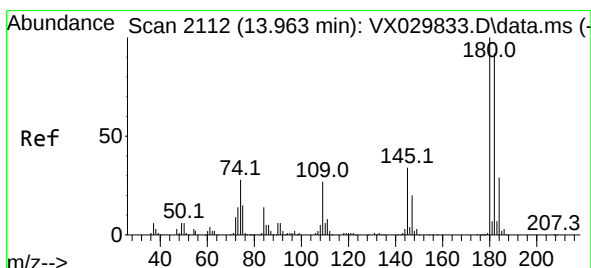
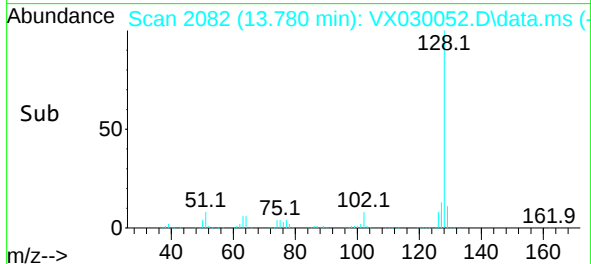
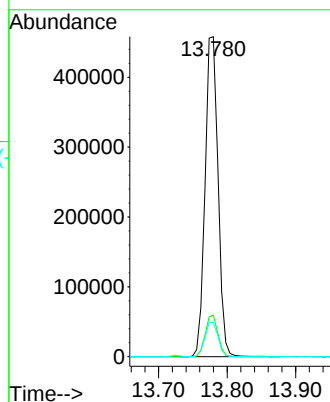
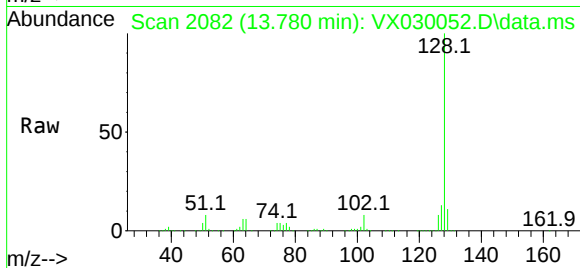
#95
Naphthalene
Concen: 54.496 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 60455
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.165 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030052.D
Acq: 14 Jul 2022 11:09

Tgt Ion:180 Resp: 154032
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 33.9 17.0 50.9

