

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028717.D
 Acq On : 14 May 2022 07:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150150	52.036	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.080%			
35) Dibromofluoromethane	5.391	113	120983	50.150	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.300%			
50) Toluene-d8	8.653	98	496657	54.607	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.220%			
62) 4-Bromofluorobenzene	11.085	95	164535	48.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	139930	50.767	ug/l	100
3) Chloromethane	1.288	50	131987	50.847	ug/l	98
4) Vinyl Chloride	1.373	62	139561	49.890	ug/l	100
5) Bromomethane	1.605	94	87374	43.445	ug/l	98
6) Chloroethane	1.684	64	92623	52.681	ug/l	100
7) Trichlorofluoromethane	1.886	101	223208	50.048	ug/l	99
8) Diethyl Ether	2.135	74	83468	51.362	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	115596	49.254	ug/l	95
10) Methyl Iodide	2.452	142	110874	39.459	ug/l	96
11) Tert butyl alcohol	3.007	59	143328	233.532	ug/l	# 72
12) 1,1-Dichloroethene	2.318	96	111013	50.957	ug/l	96
13) Acrolein	2.239	56	116004	244.932	ug/l	100
14) Allyl chloride	2.666	41	174425	49.919	ug/l	90
15) Acrylonitrile	3.062	53	349511	251.404	ug/l	98
16) Acetone	2.379	43	299538	241.879	ug/l	92
17) Carbon Disulfide	2.513	76	274820	48.663	ug/l	99
18) Methyl Acetate	2.702	43	157915	50.913	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	411299	53.201	ug/l	100
20) Methylene Chloride	2.788	84	128780	49.568	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	123196	50.203	ug/l	96
22) Diisopropyl ether	3.763	45	397245	53.200	ug/l	92
23) Vinyl Acetate	3.721	43	1737778	269.962	ug/l	96
24) 1,1-Dichloroethane	3.611	63	227883	52.496	ug/l	99
25) 2-Butanone	4.556	43	485669	249.849	ug/l	96
26) 2,2-Dichloropropane	4.483	77	125301	36.814	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	146897	51.254	ug/l	96
28) Bromochloromethane	4.903	49	91602	50.132	ug/l	91
29) Tetrahydrofuran	5.007	42	316529	250.512	ug/l	92
30) Chloroform	5.098	83	242620	51.643	ug/l	96
31) Cyclohexane	5.476	56	202232	50.492	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	210656	51.362	ug/l	99
36) 1,1-Dichloropropene	5.696	75	176853	48.809	ug/l	99
37) Ethyl Acetate	4.714	43	189999	50.204	ug/l	98
38) Carbon Tetrachloride	5.684	117	180185	49.413	ug/l	99
39) Methylcyclohexane	7.385	83	197649	47.565	ug/l	96
40) Benzene	6.037	78	520180	49.952	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	104194	51.348	ug/l	93
42) 1,2-Dichloroethane	6.086	62	192156	50.026	ug/l	97
43) Isopropyl Acetate	6.342	43	303875	51.324	ug/l	95
44) Trichloroethene	7.128	130	137643	48.737	ug/l	96
45) 1,2-Dichloropropane	7.433	63	131573	50.641	ug/l	95
46) Dibromomethane	7.586	93	97111	50.050	ug/l	92
47) Bromodichloromethane	7.823	83	181767	50.459	ug/l	98
48) Methyl methacrylate	7.695	41	146977	51.388	ug/l	86
49) 1,4-Dioxane	7.677	88	59500	832.727	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	1043539	267.578	ug/l	93
52) Toluene	8.720	92	363641	54.285	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	208398	50.249	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	199963	49.333	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	154581	56.591	ug/l	99
56) Ethyl methacrylate	9.116	69	244904	59.205	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	257731	55.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	505776	249.744	ug/l	100
59) 2-Hexanone	9.433	43	806461	266.161	ug/l	91
60) Dibromochloromethane	9.524	129	152594	57.280	ug/l	98
61) 1,2-Dibromoethane	9.610	107	160777	56.040	ug/l	97
64) Tetrachloroethene	9.274	164	131781	51.772	ug/l	97
65) Chlorobenzene	10.079	112	353372	49.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	129749	51.222	ug/l	99
67) Ethyl Benzene	10.195	91	641397	50.043	ug/l	100
68) m/p-Xylenes	10.305	106	492162	98.629	ug/l	99
69) o-Xylene	10.646	106	239947	48.840	ug/l	96
70) Styrene	10.658	104	404839	50.742	ug/l	98
71) Bromoform	10.805	173	91502	43.827	ug/l #	99
73) Isopropylbenzene	10.963	105	630877	51.486	ug/l	98
74) N-amyl acetate	10.847	43	264423	54.898	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	213608	50.815	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	183851m	48.586	ug/l	
77) Bromobenzene	11.201	156	149084	51.422	ug/l	96
78) n-propylbenzene	11.305	91	723648	51.056	ug/l	100
79) 2-Chlorotoluene	11.366	91	436744	50.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	530317	51.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48324	39.019	ug/l #	84
82) 4-Chlorotoluene	11.457	91	507879	50.571	ug/l	99
83) tert-Butylbenzene	11.719	119	523630	52.970	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	531928	51.954	ug/l	99
85) sec-Butylbenzene	11.890	105	624229	51.192	ug/l	100
86) p-Isopropyltoluene	12.012	119	526227	51.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280819	49.382	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	285124	48.339	ug/l	98
89) n-Butylbenzene	12.335	91	441004	49.744	ug/l	98
90) Hexachloroethane	12.542	117	82906	50.104	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	278407	49.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46192	51.463	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	164981	51.133	ug/l	98
94) Hexachlorobutadiene	13.725	225	61172	46.668	ug/l	95
95) Naphthalene	13.774	128	633393	55.165	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166501	51.379	ug/l	97

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ClientSampleId :
VSTDCCC050EC

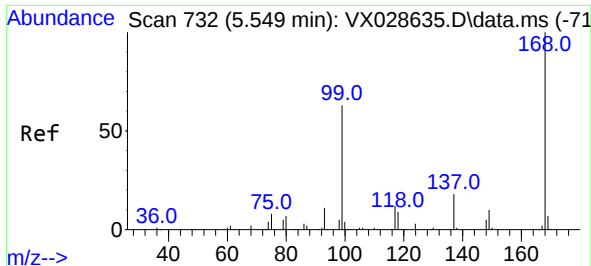
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Quant Title : SW846 8260
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Response via : Initial Calibration

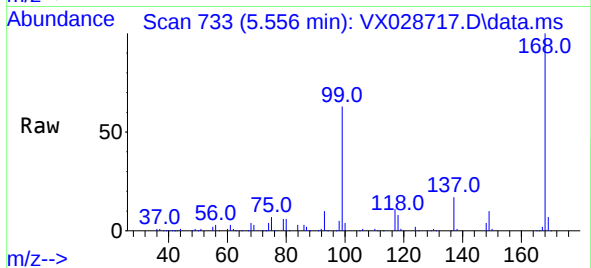
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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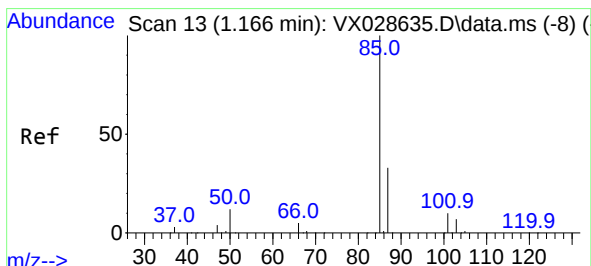
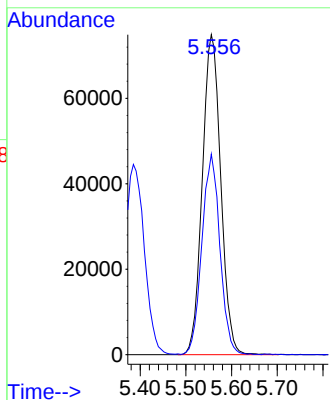
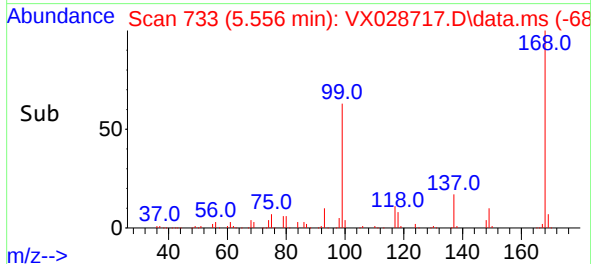
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



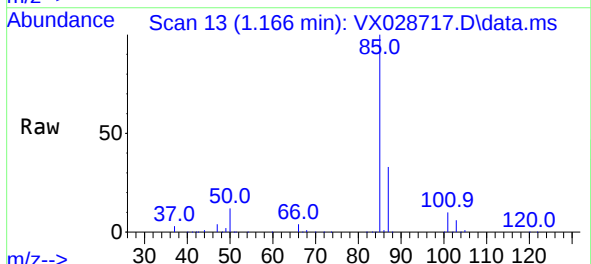
Tgt Ion:168 Resp: 21050
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5

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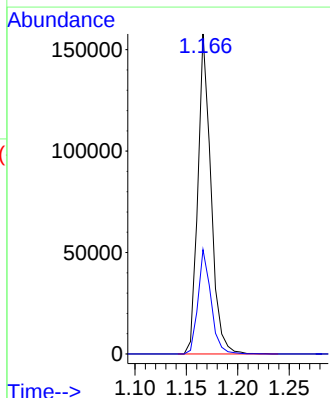
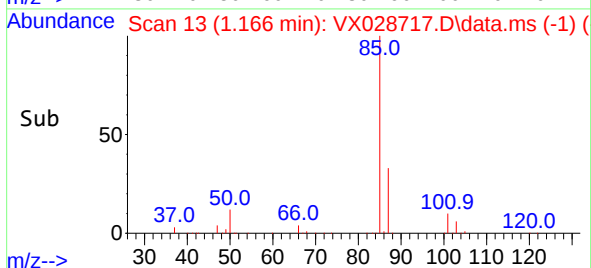
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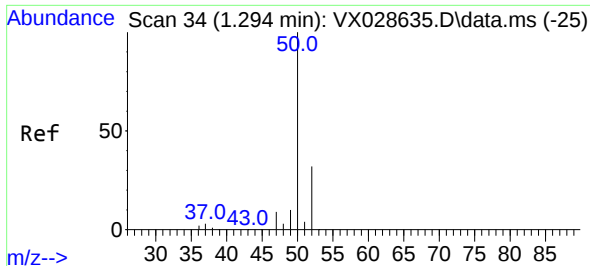


#2
Dichlorodifluoromethane
Concen: 50.767 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



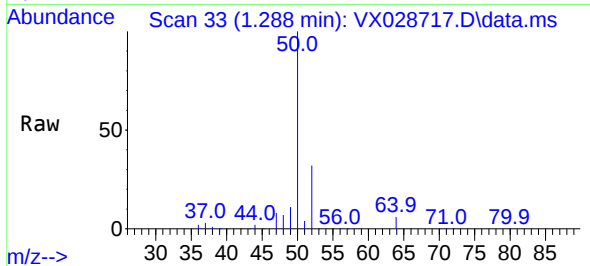
Tgt Ion: 85 Resp: 139930
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 50.847 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

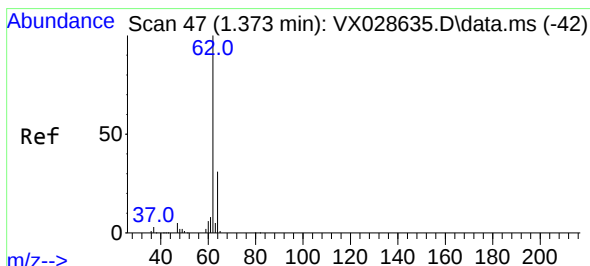
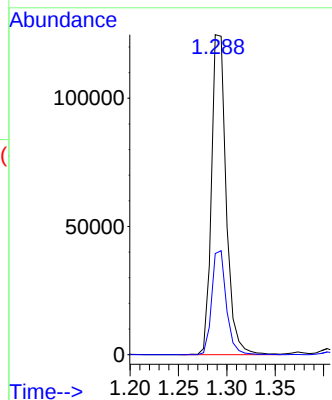
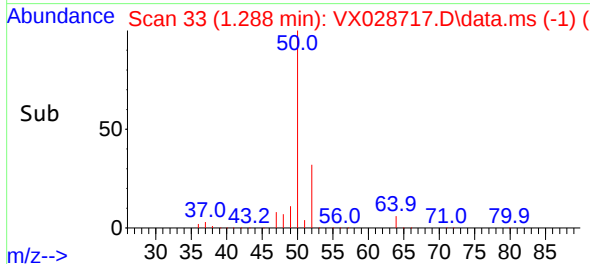
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 13198
Ion Ratio Lower Upper
50 100
52 31.6 26.4 39.6

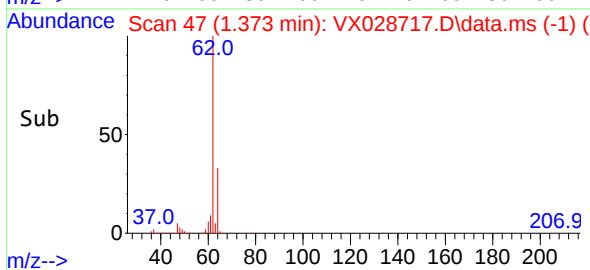
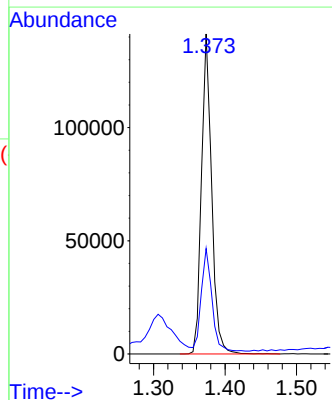
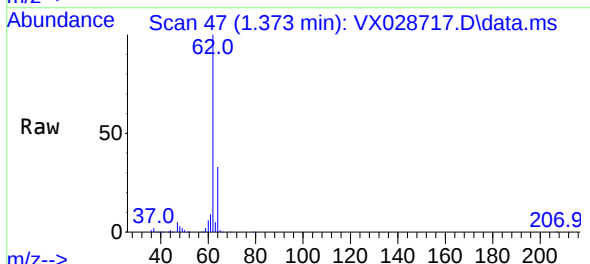
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#4
Vinyl Chloride
Concen: 49.890 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

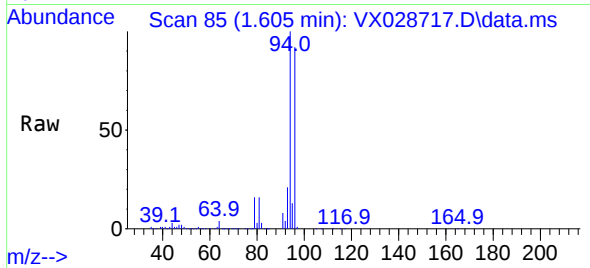
Tgt Ion: 62 Resp: 139561
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3





#5
Bromomethane
Concen: 43.445 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

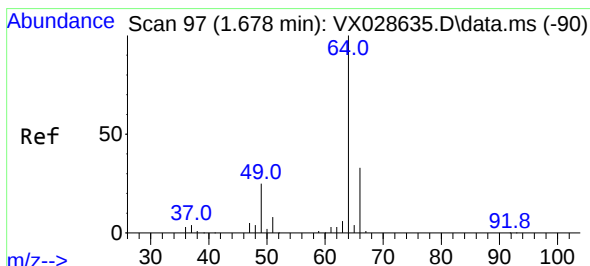
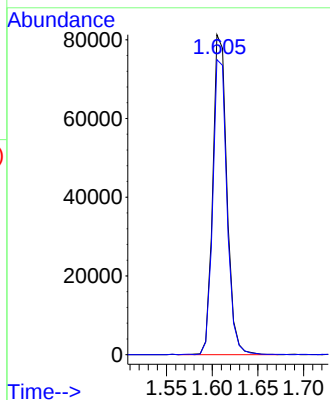
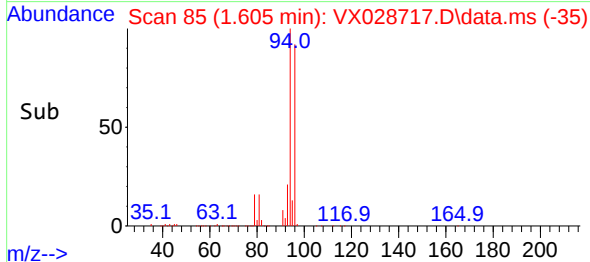
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 87374
Ion Ratio Lower Upper
94 100
96 92.2 75.3 112.9

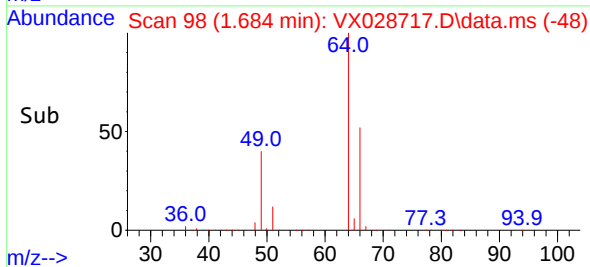
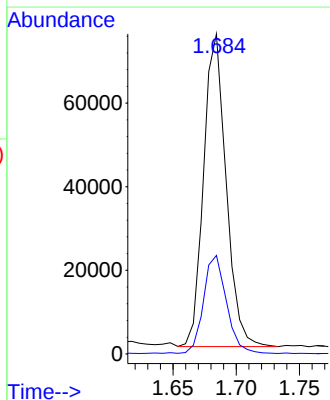
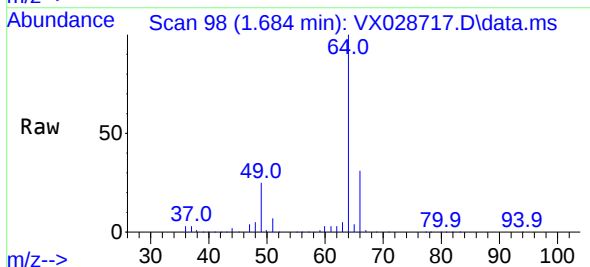
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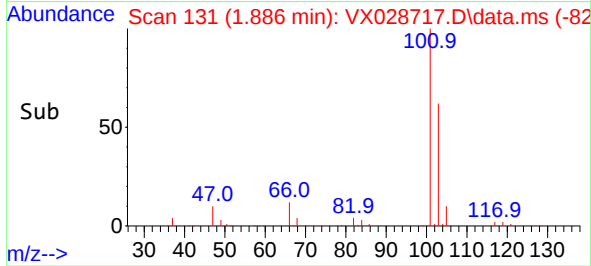
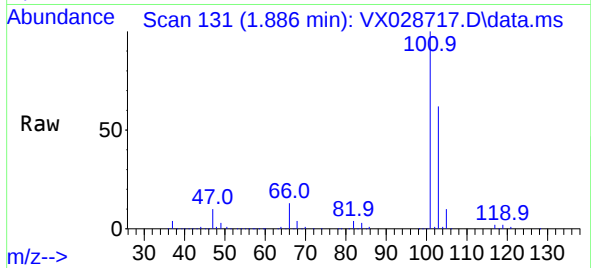
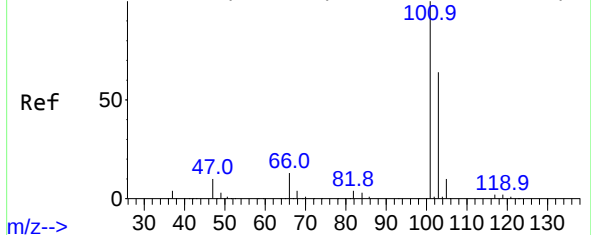


#6
Chloroethane
Concen: 52.681 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 64 Resp: 92623
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9



Abundance Scan 131 (1.885 min): VX028635.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 50.048 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 101 Resp: 223208
Ion Ratio Lower Upper
101 100
103 62.4 50.5 75.7

Instrument :

MSVOA_X

ClientSampleId :

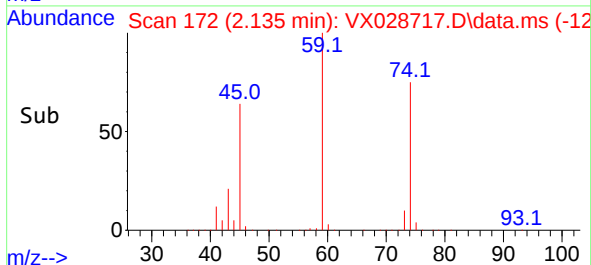
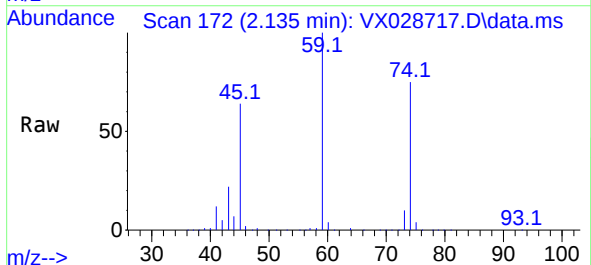
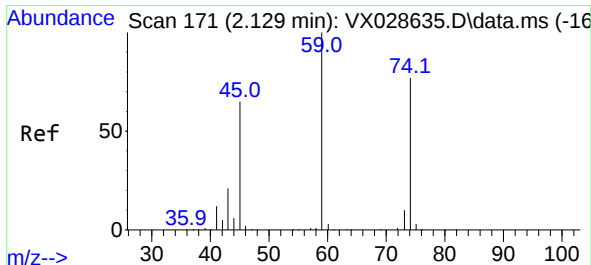
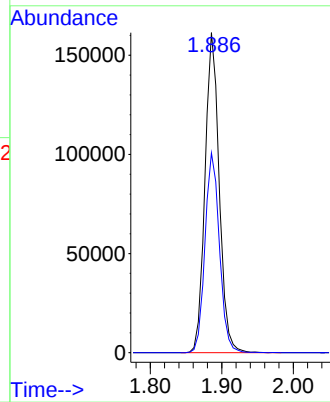
VSTDCCC050EC

Manual Integrations

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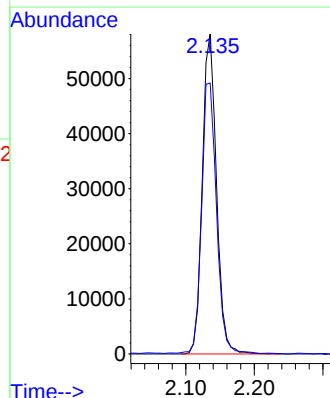
Reviewed By :John Carlone 05/16/2022

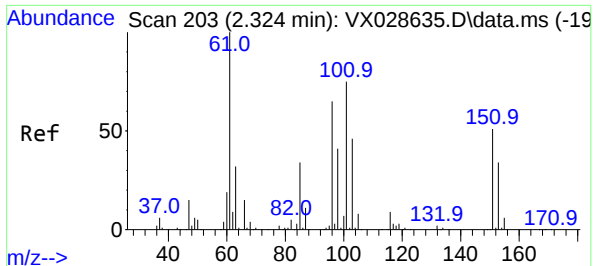
Supervised By :Mahesh Dadoda 05/16/2022



#8
Diethyl Ether
Concen: 51.362 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028717.D
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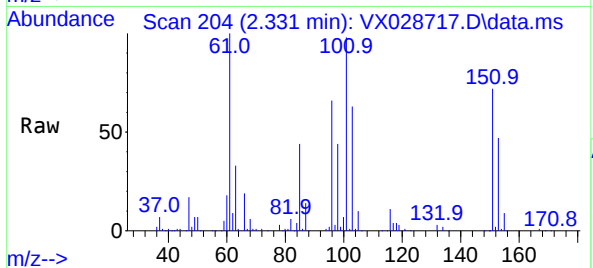
Tgt Ion: 74 Resp: 83468
Ion Ratio Lower Upper
74 100
45 88.8 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.254 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028717.D
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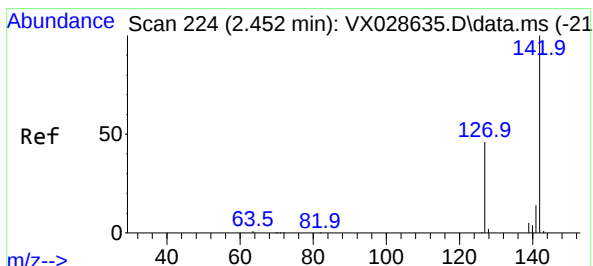
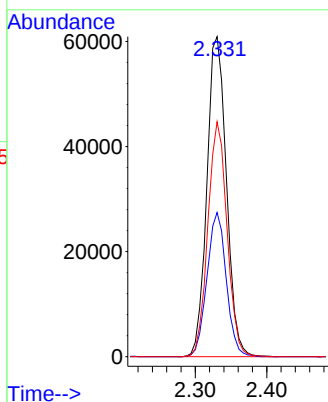
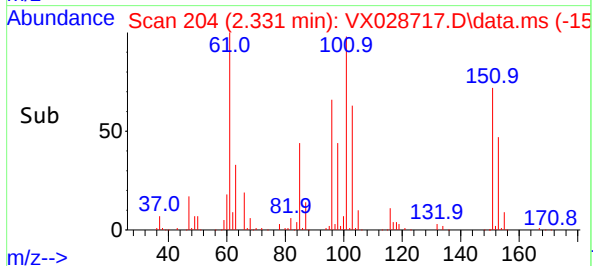
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



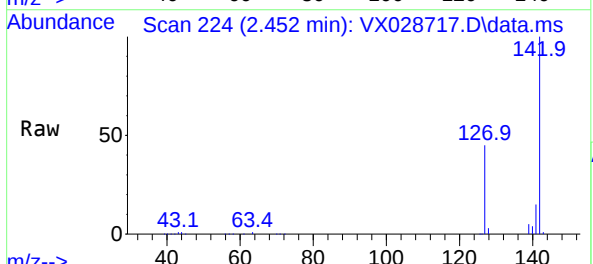
Tgt Ion:101 Resp: 115590
Ion Ratio Lower Upper
101 100
85 44.4 33.5 50.3
151 72.2 61.8 92.6

Manual Integrations
APPROVED

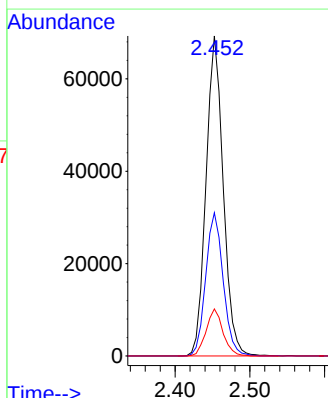
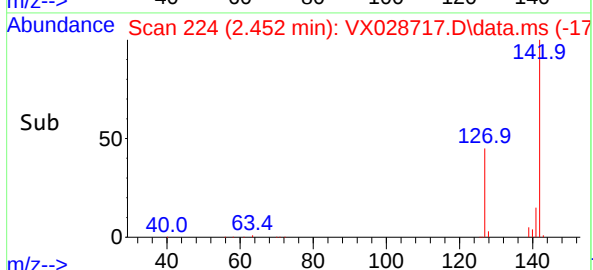
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

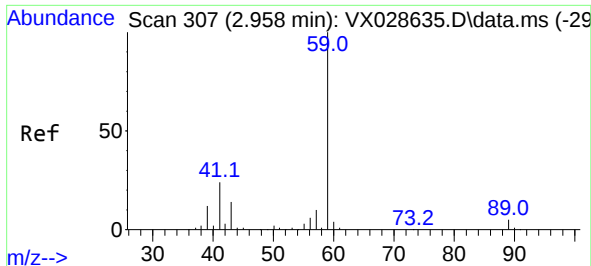


#10
Methyl Iodide
Concen: 39.459 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



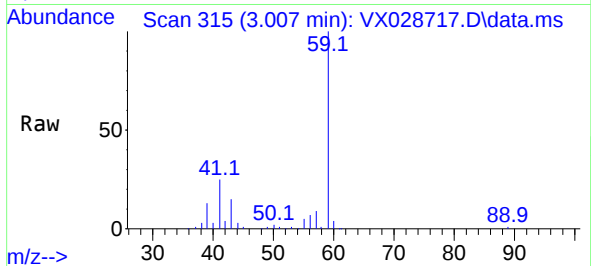
Tgt Ion:142 Resp: 110874
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 233.532 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.049 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

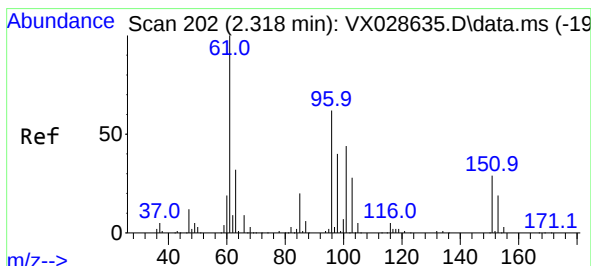
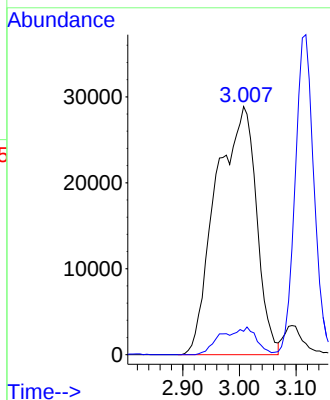
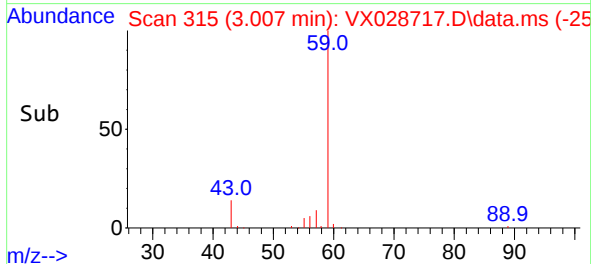
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



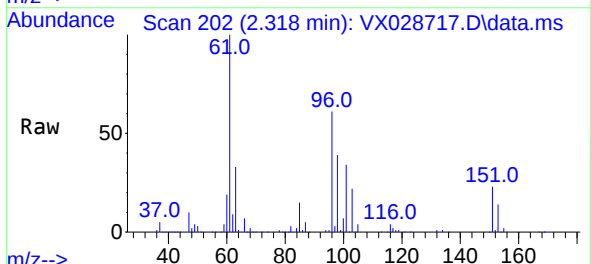
Tgt Ion: 59 Resp: 143328
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

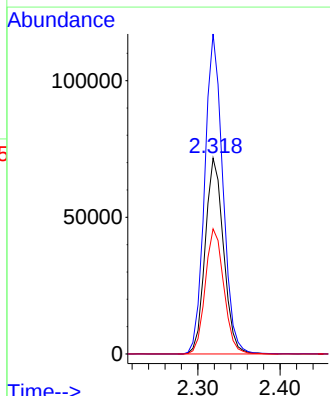
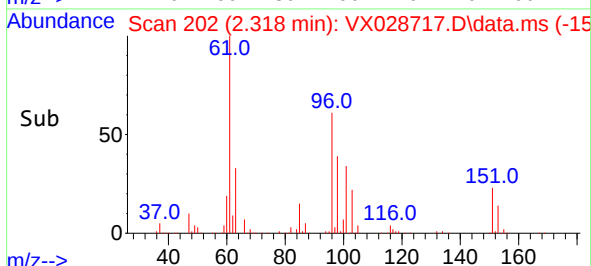
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

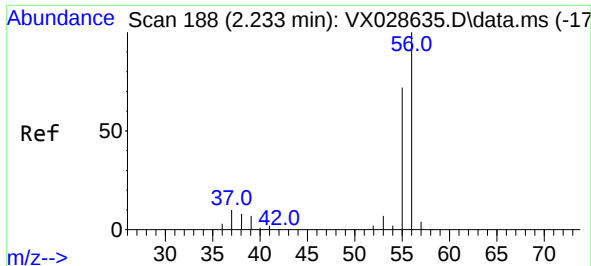


#12
1,1-Dichloroethene
Concen: 50.957 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



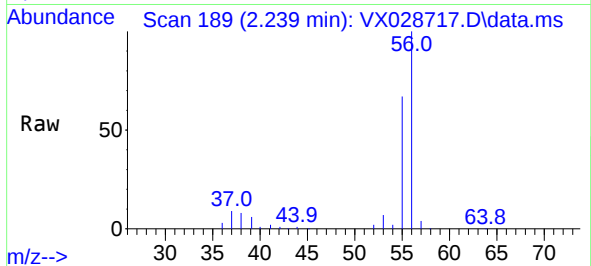
Tgt Ion: 96 Resp: 111013
Ion Ratio Lower Upper
96 100
61 163.4 124.6 187.0
98 63.9 51.0 76.4





#13
Acrolein
Concen: 244.932 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

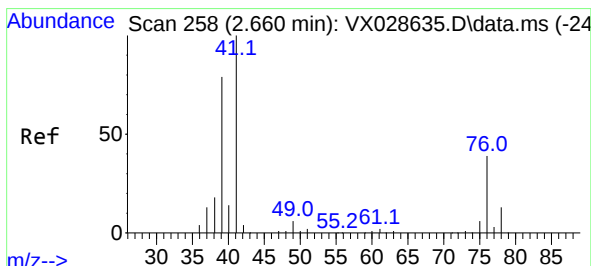
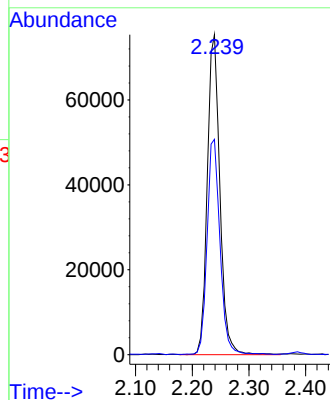
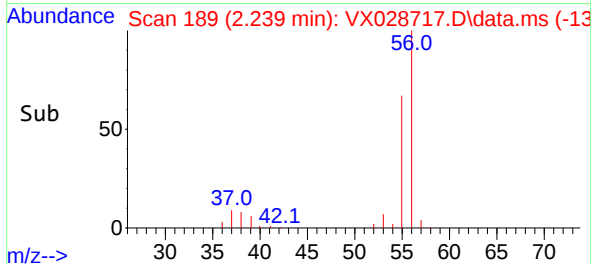
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



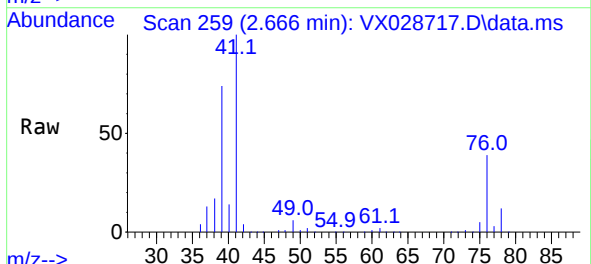
Tgt Ion: 56 Resp: 116004
Ion Ratio Lower Upper
56 100
55 68.8 55.0 82.6

Manual Integrations
APPROVED

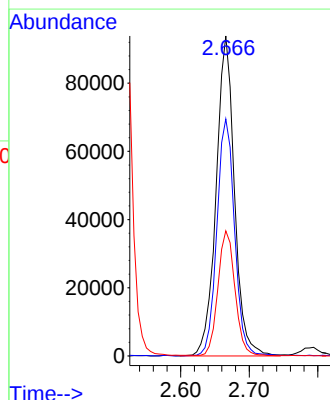
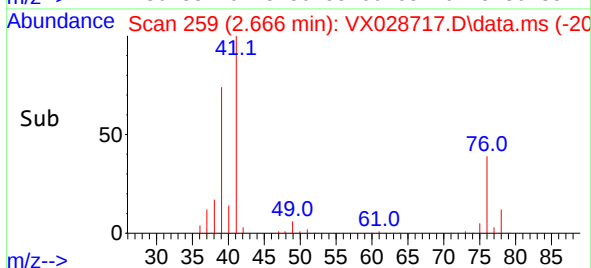
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

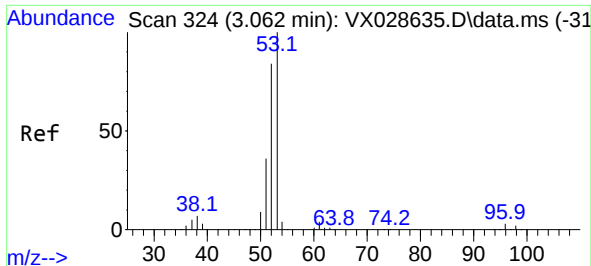


#14
Allyl chloride
Concen: 49.919 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



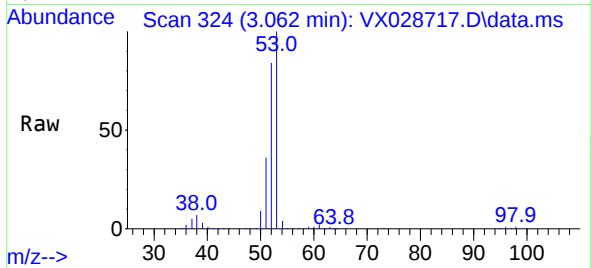
Tgt Ion: 41 Resp: 174425
Ion Ratio Lower Upper
41 100
39 71.5 50.4 75.6
76 36.2 32.7 49.1





#15
Acrylonitrile
Concen: 251.404 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

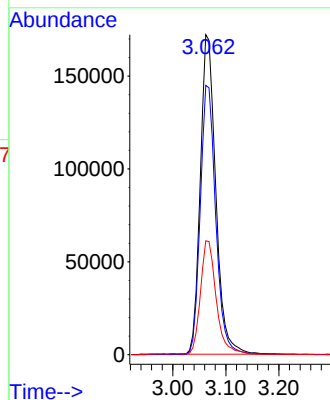
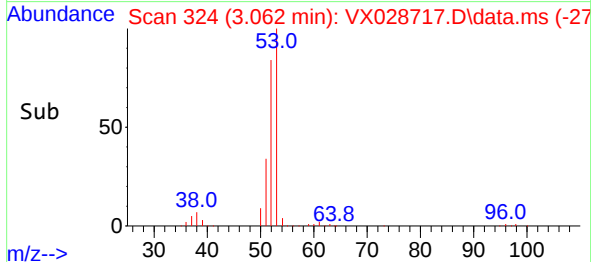
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



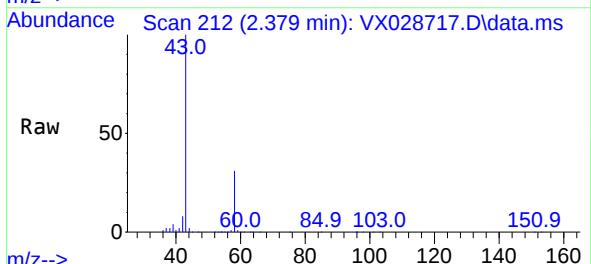
Tgt Ion: 53 Resp: 34951
Ion Ratio Lower Upper
53 100
52 84.4 65.7 98.5
51 36.3 28.4 42.6

Manual Integrations
APPROVED

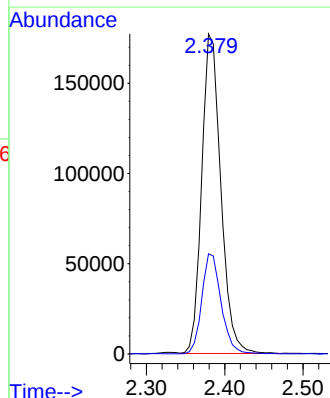
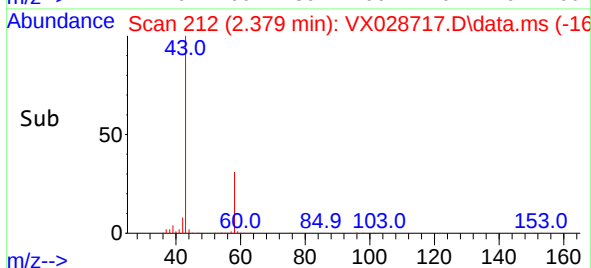
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

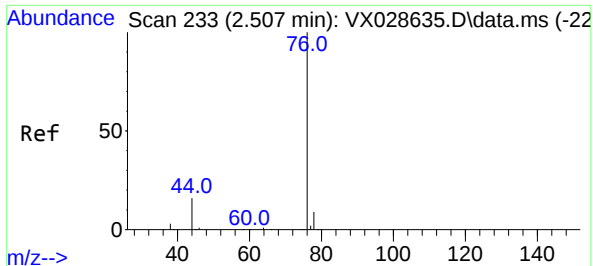


#16
Acetone
Concen: 241.879 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



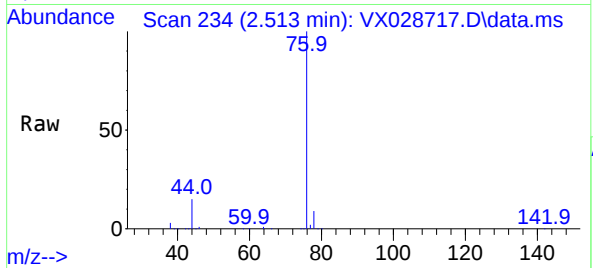
Tgt Ion: 43 Resp: 299538
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2





#17
Carbon Disulfide
Concen: 48.663 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

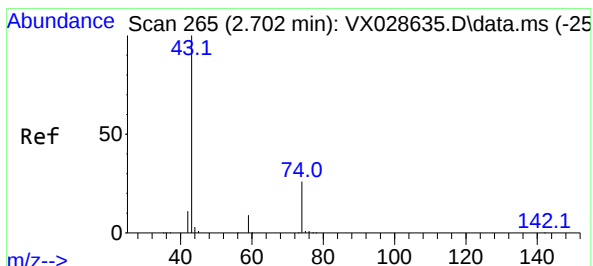
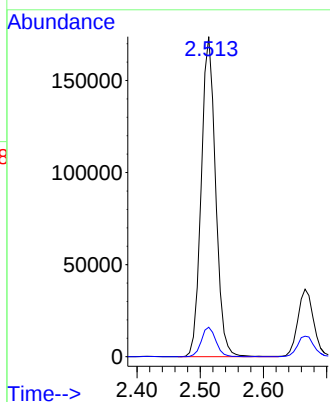
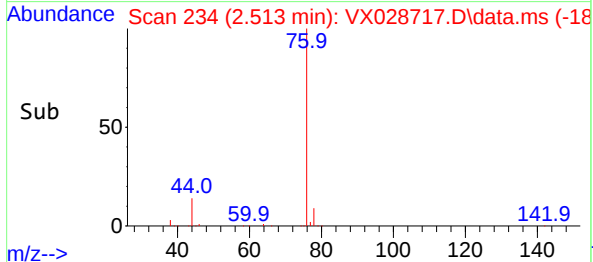
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



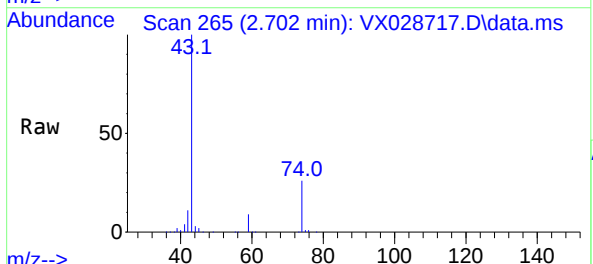
Tgt Ion: 76 Resp: 274820
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

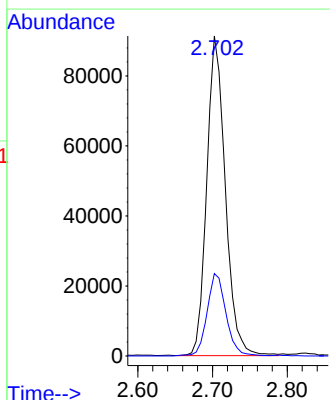
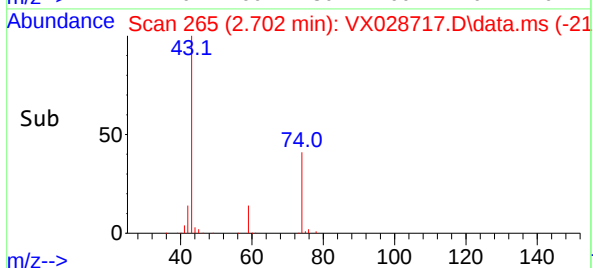
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

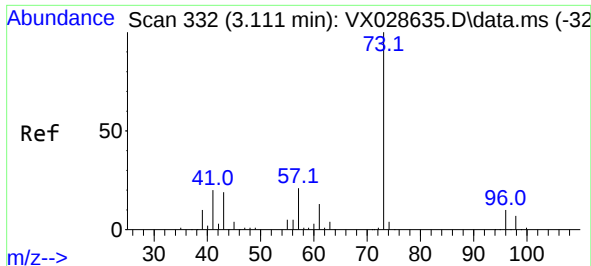


#18
Methyl Acetate
Concen: 50.913 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



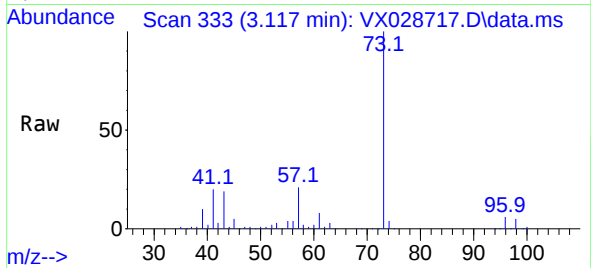
Tgt Ion: 43 Resp: 157915
Ion Ratio Lower Upper
43 100
74 26.3 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 53.201 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

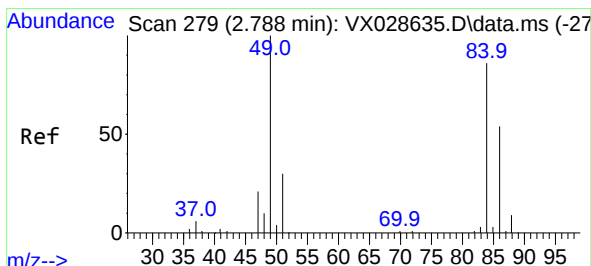
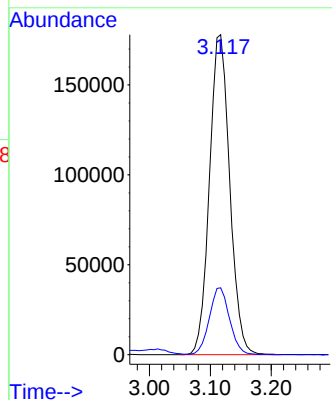
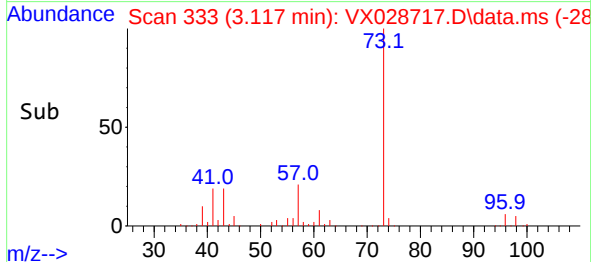
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



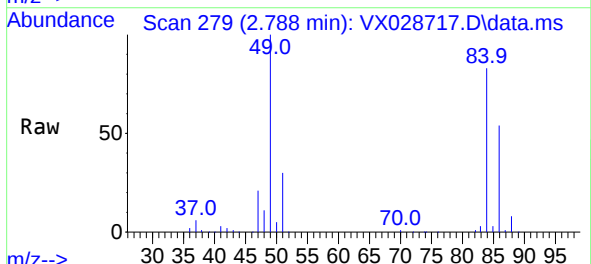
Tgt Ion: 73 Resp: 411299
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2

Manual Integrations
APPROVED

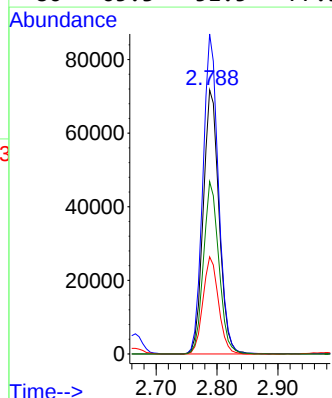
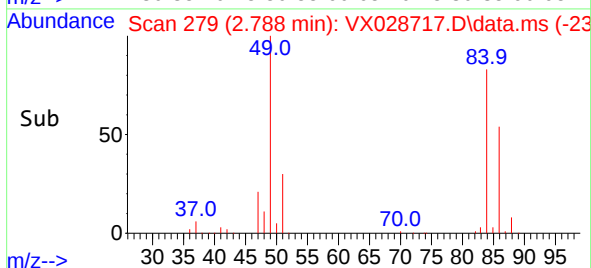
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

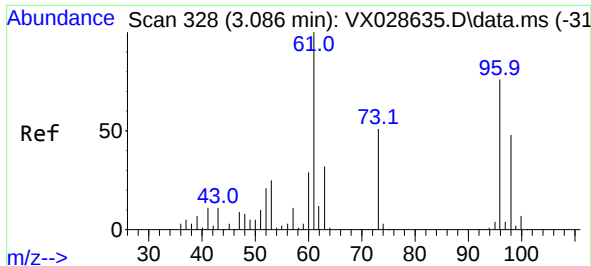


#20
Methylene Chloride
Concen: 49.568 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



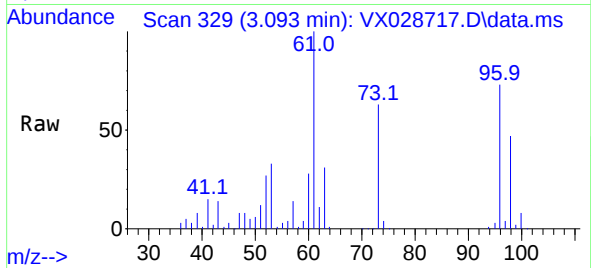
Tgt Ion: 84 Resp: 128780
Ion Ratio Lower Upper
84 100
49 121.2 85.5 128.3
51 36.8 26.6 39.8
86 65.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 50.203 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

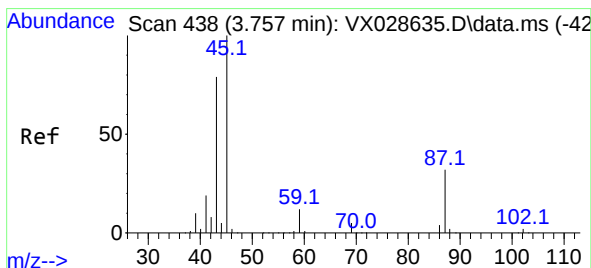
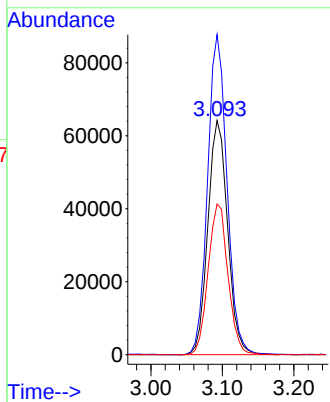
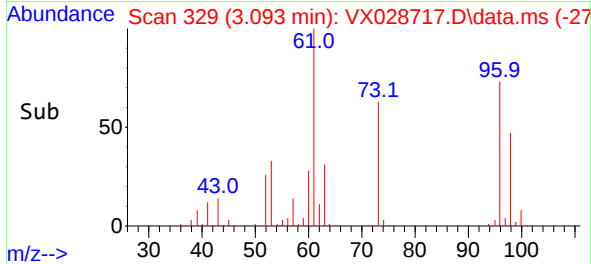
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



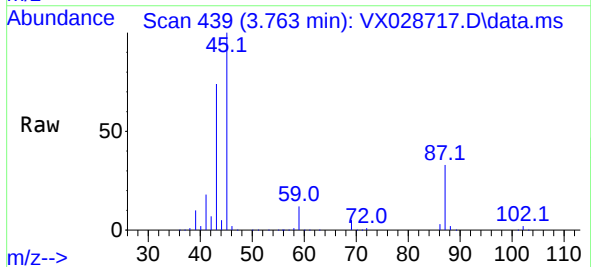
Tgt Ion: 96 Resp: 123190
Ion Ratio Lower Upper
96 100
61 136.7 105.4 158.2
98 64.4 50.0 75.0

Manual Integrations
APPROVED

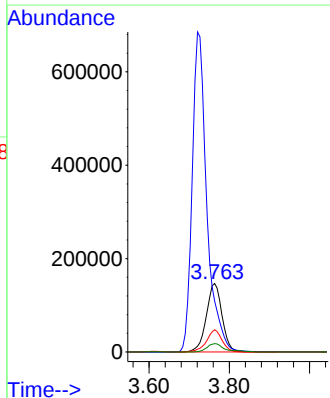
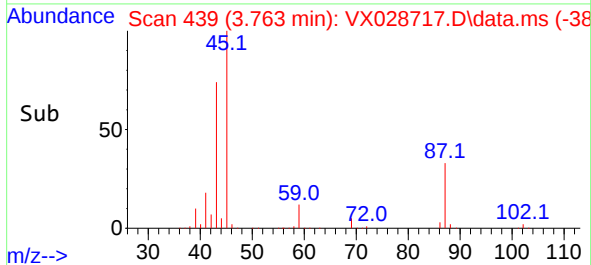
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

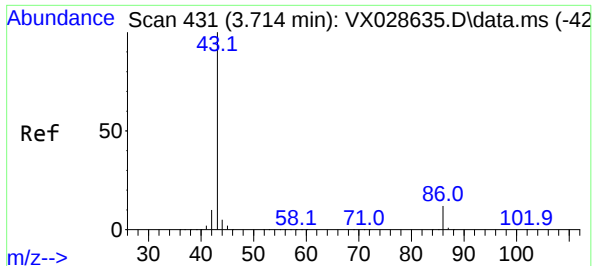


#22
Diisopropyl ether
Concen: 53.200 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



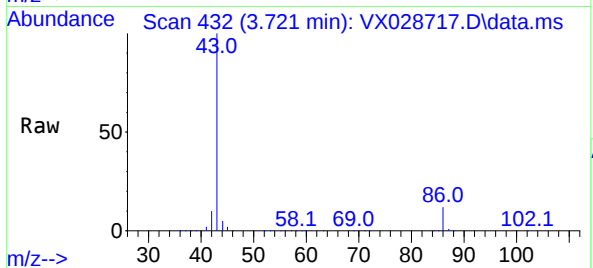
Tgt Ion: 45 Resp: 397245
Ion Ratio Lower Upper
45 100
43 73.8 50.8 76.2
87 32.5 26.6 39.8
59 12.2 10.5 15.7





#23
 Vinyl Acetate
 Concen: 269.962 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028717.D
 Acq: 14 May 2022 07:14

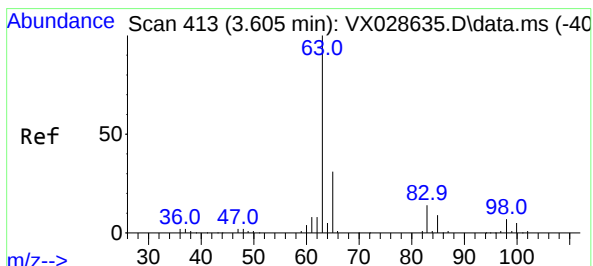
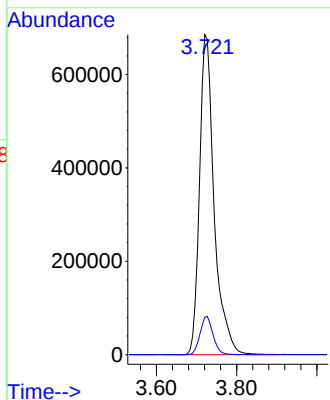
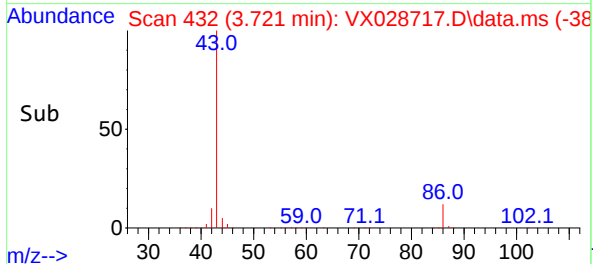
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



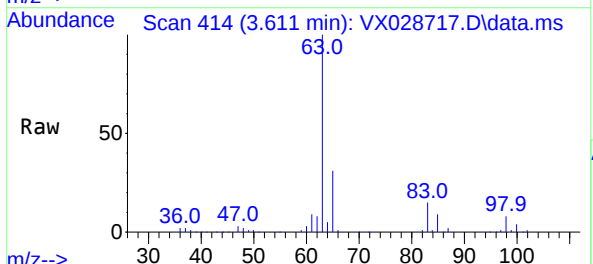
Tgt Ion: 43 Resp: 1737778
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.8 16.2

Manual Integrations
 APPROVED

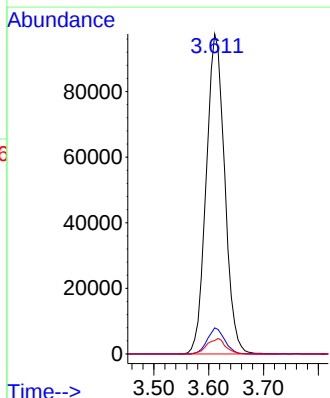
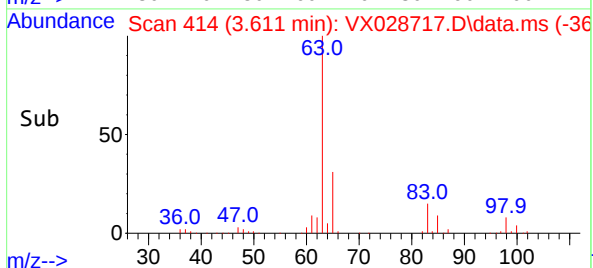
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

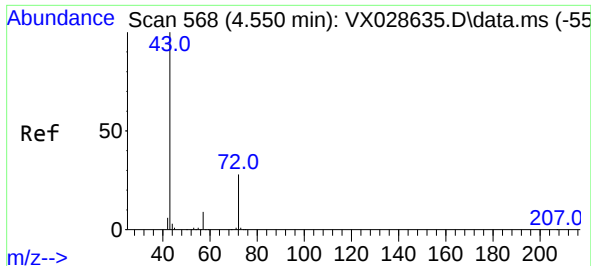


#24
 1,1-Dichloroethane
 Concen: 52.496 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028717.D
 Acq: 14 May 2022 07:14



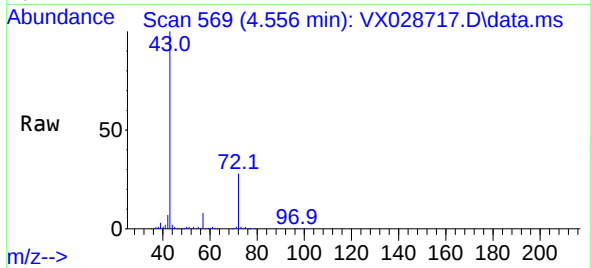
Tgt Ion: 63 Resp: 227883
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 249.849 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

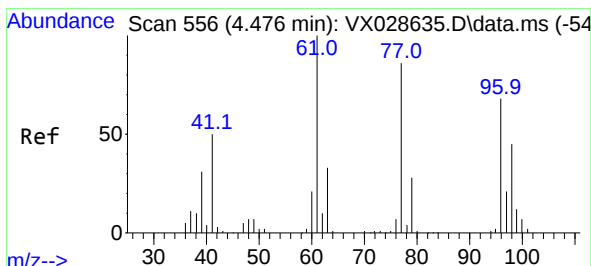
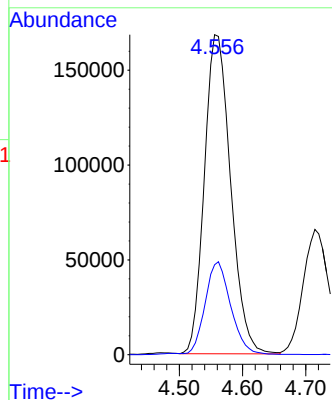
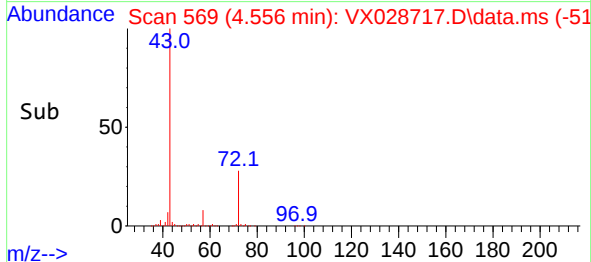
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



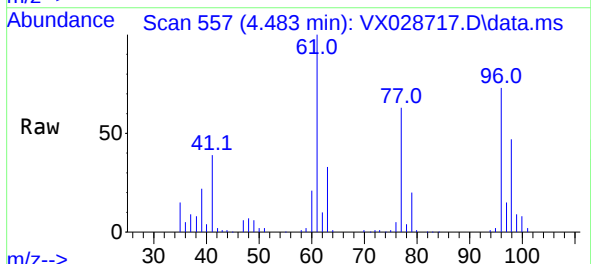
Tgt Ion: 43 Resp: 485669
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

Manual Integrations
APPROVED

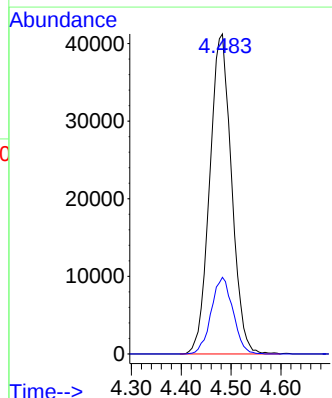
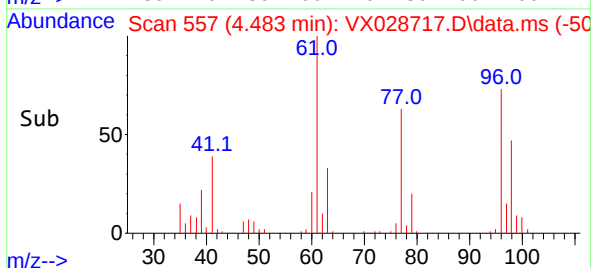
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#26
2,2-Dichloropropane
Concen: 36.814 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion: 77 Resp: 125301
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.4





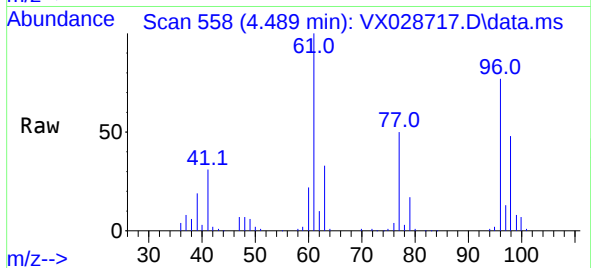
#27
cis-1,2-Dichloroethene
Concen: 51.254 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



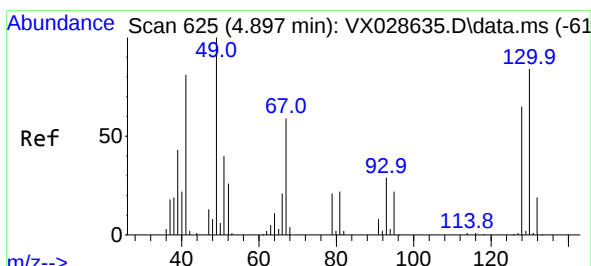
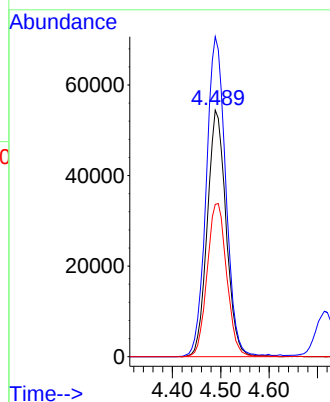
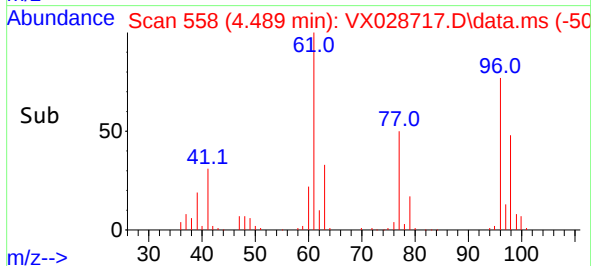
Tgt Ion: 96 Resp: 14689
Ion Ratio Lower Upper
96 100
61 134.4 0.0 283.8
98 64.7 0.0 129.8

Manual Integrations

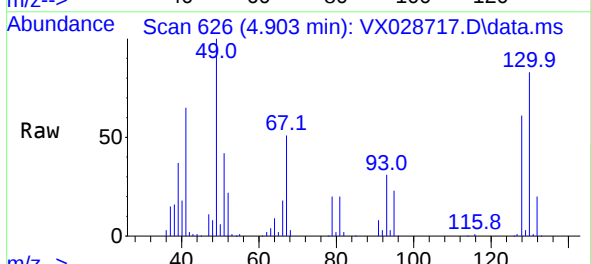
APPROVED

Reviewed By :John Carlone 05/16/2022

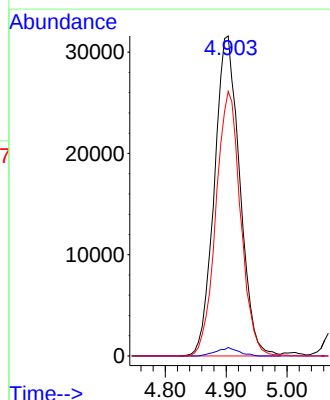
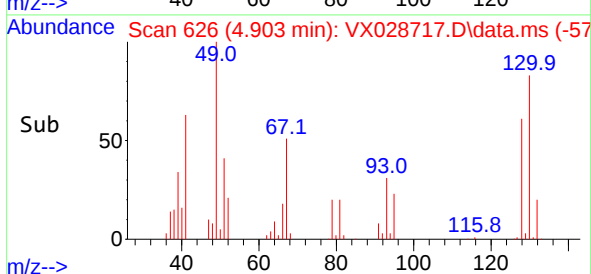
Supervised By :Mahesh Dadoda 05/16/2022

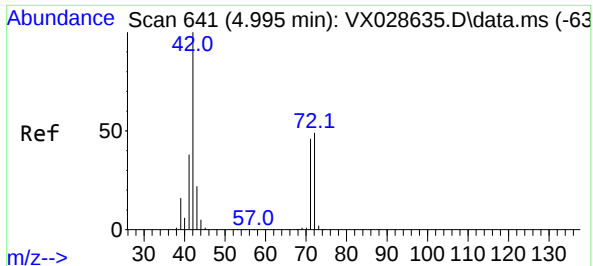


#28
Bromochloromethane
Concen: 50.132 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion: 49 Resp: 91602
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 80.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 250.512 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 316529

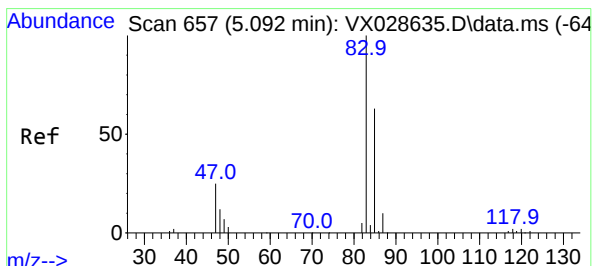
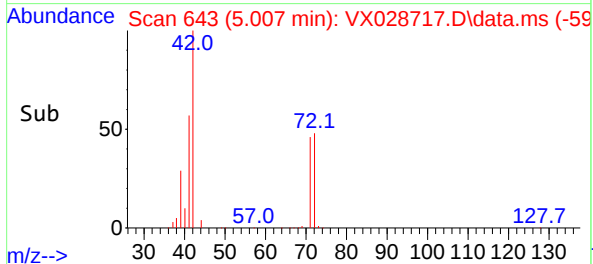
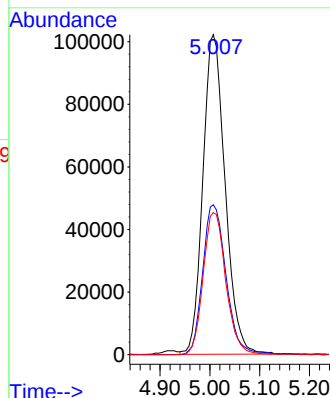
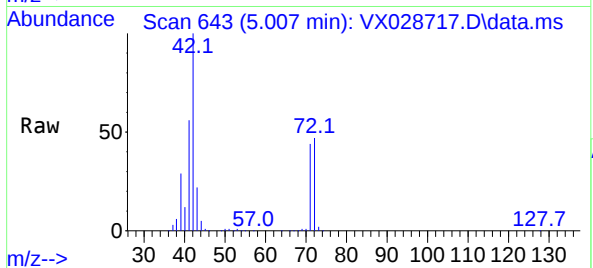
Ion	Ratio	Lower	Upper
42	100		
72	49.3	44.1	66.1
71	45.3	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#30

Chloroform

Concen: 51.643 ug/l

RT: 5.098 min Scan# 658

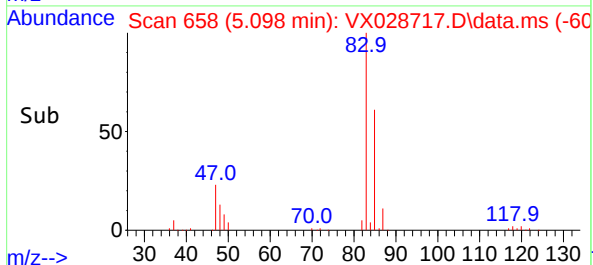
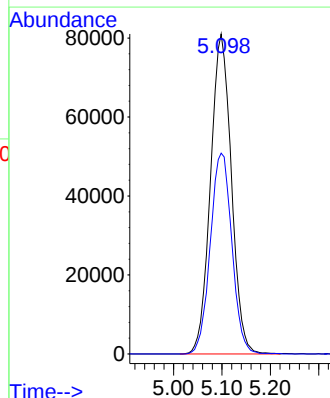
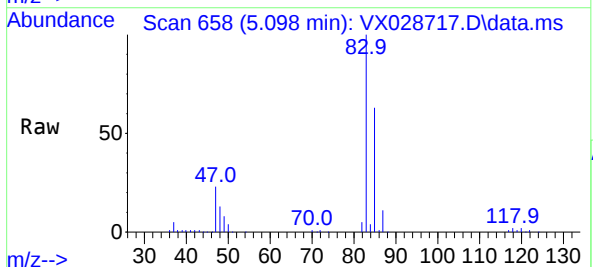
Delta R.T. 0.006 min

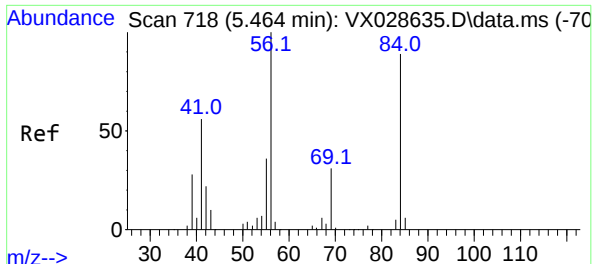
Lab File: VX028717.D

Acq: 14 May 2022 07:14

Tgt Ion: 83 Resp: 242620

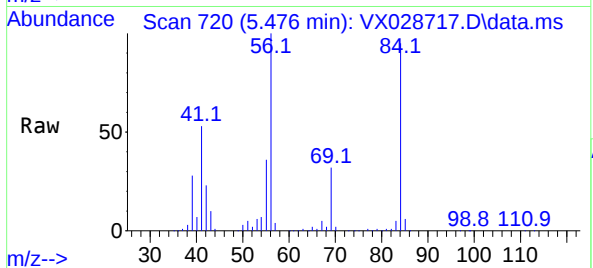
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.7	79.1





#31
Cyclohexane
Concen: 50.492 ug/l
RT: 5.476 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

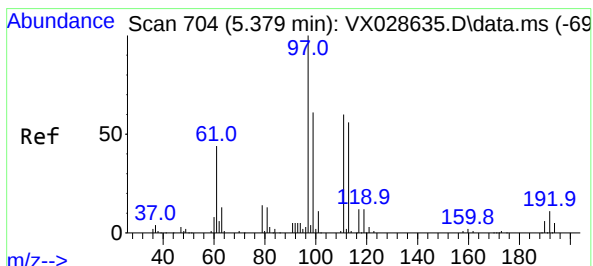
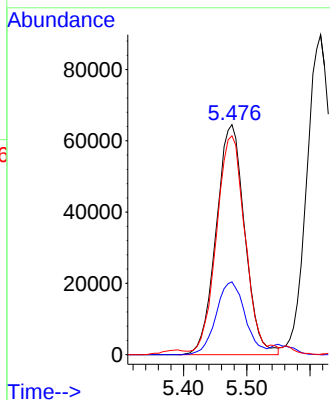
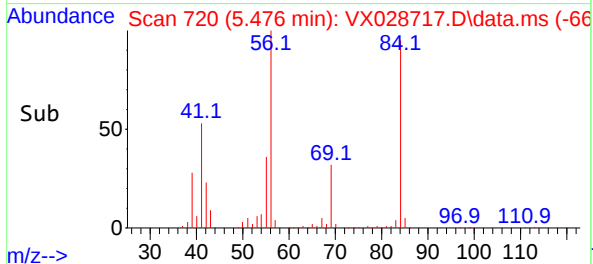
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



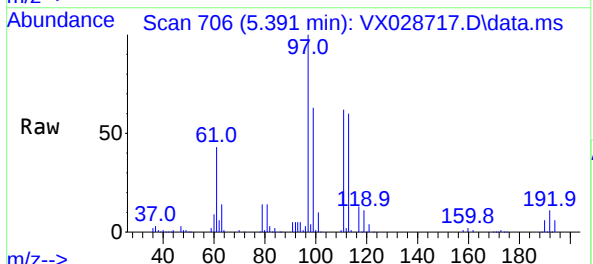
Tgt Ion: 56 Resp: 20223
Ion Ratio Lower Upper
56 100
69 31.7 26.7 40.1
84 93.0 77.2 115.8

Manual Integrations
APPROVED

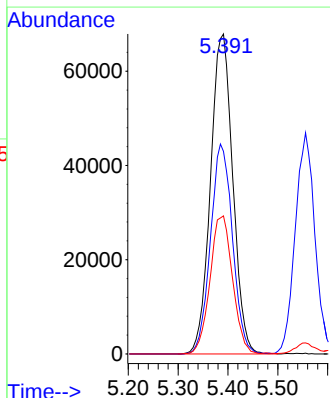
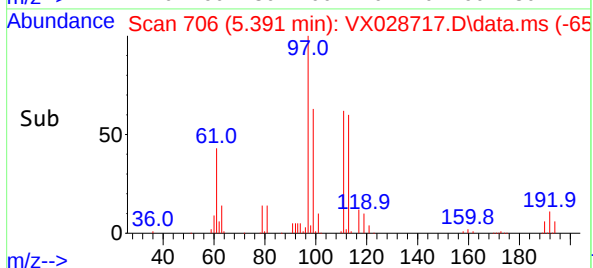
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#32
1,1,1-Trichloroethane
Concen: 51.362 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion: 97 Resp: 210656
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 43.7 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 52.036 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

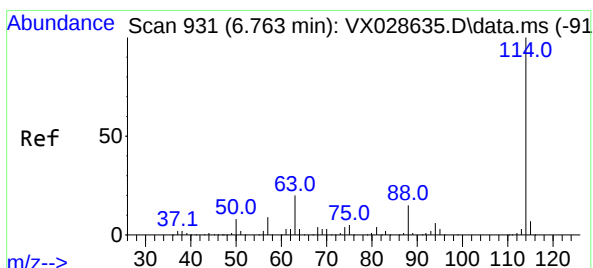
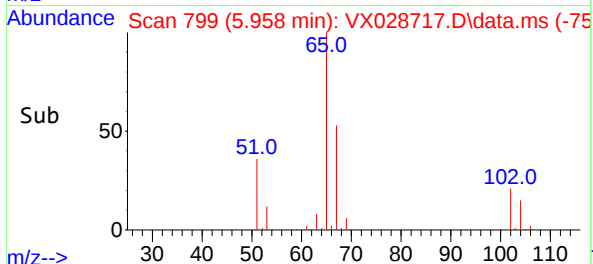
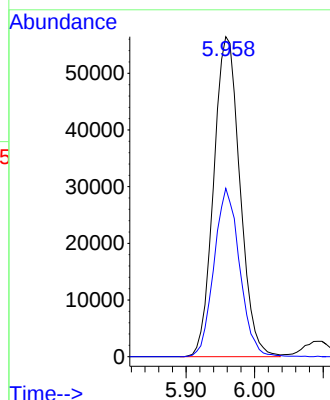
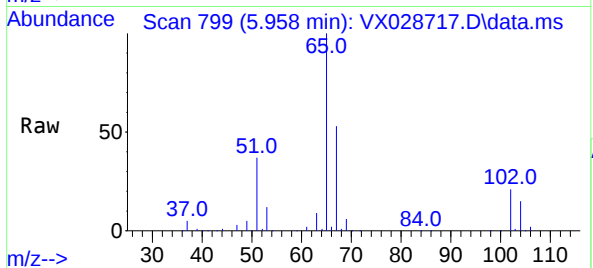
VSTDCCC050EC

Tgt Ion: 65 Resp: 150150
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

Manual Integrations

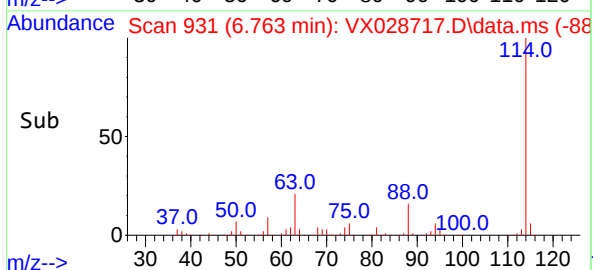
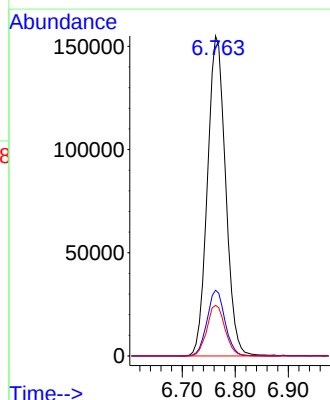
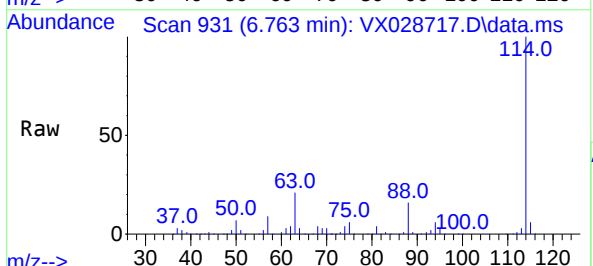
APPROVED

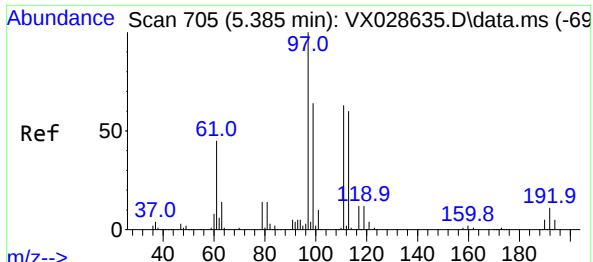
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

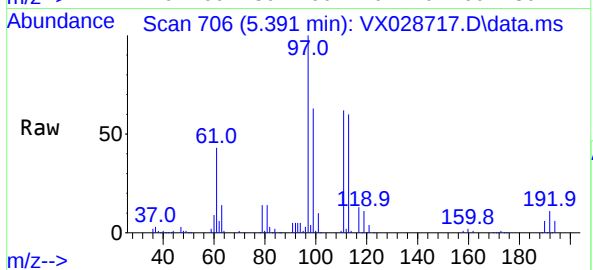
Tgt Ion:114 Resp: 368201
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 15.8 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.150 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

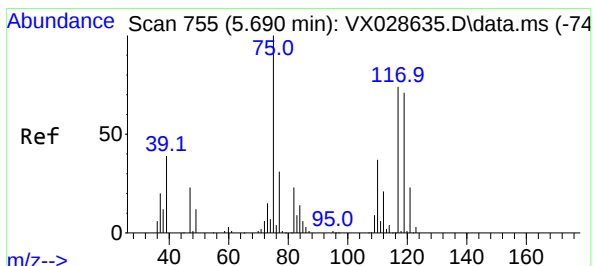
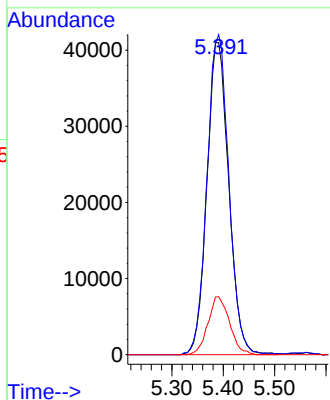
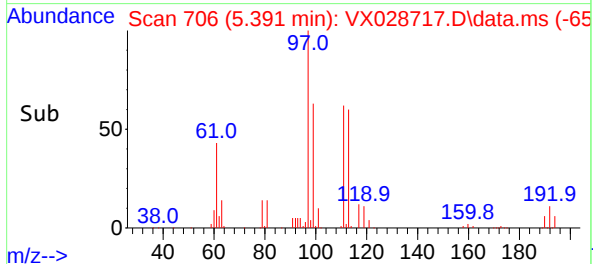
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 120983
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.3 16.9 25.3

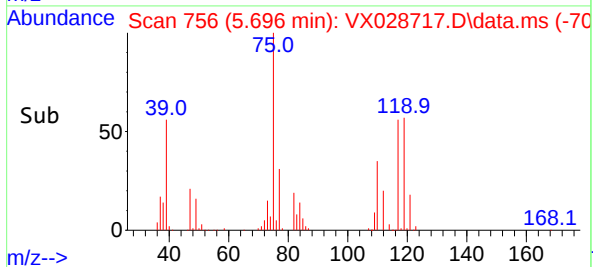
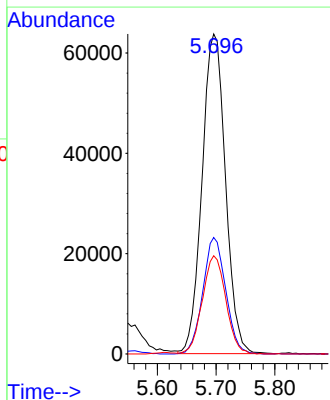
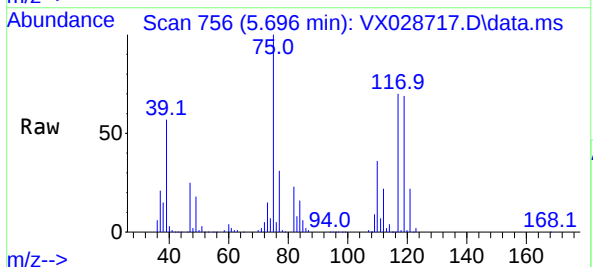
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
1,1-Dichloropropene
Concen: 48.809 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 75 Resp: 176853
Ion Ratio Lower Upper
75 100
110 35.6 18.3 54.8
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 50.204 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 189999

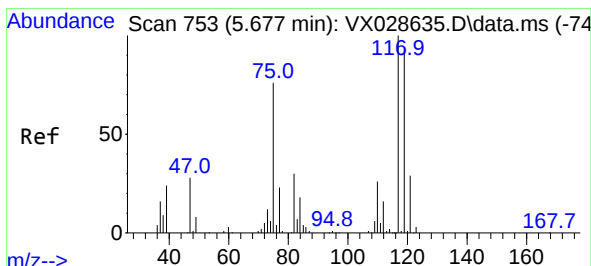
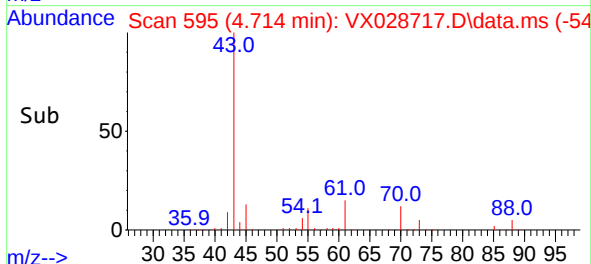
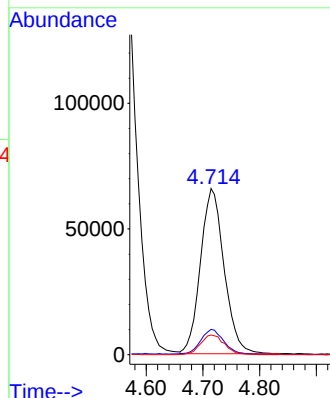
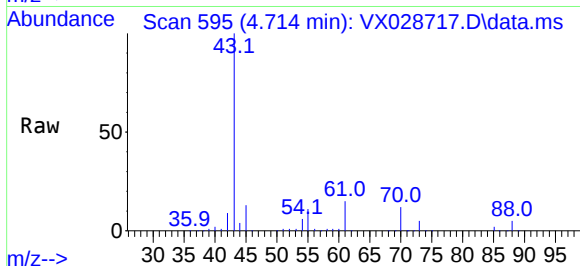
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.6	19.0
70	12.0	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#38

Carbon Tetrachloride

Concen: 49.413 ug/l

RT: 5.684 min Scan# 754

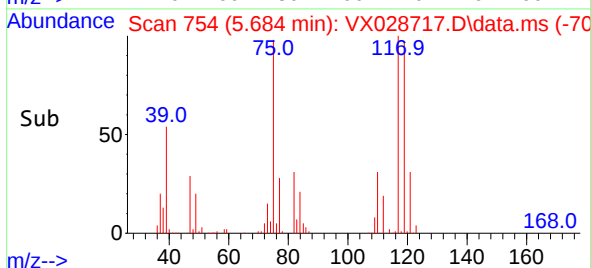
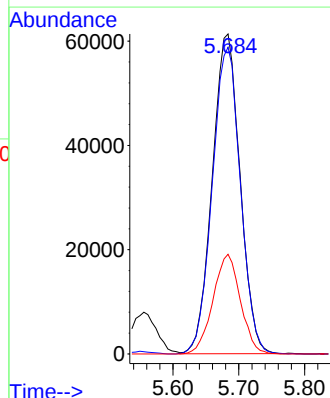
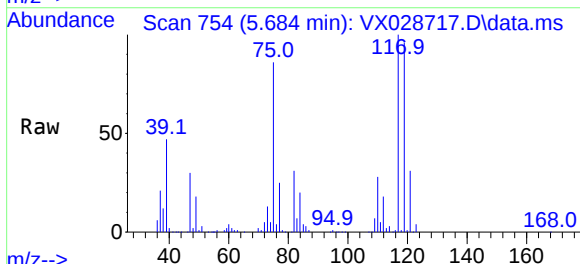
Delta R.T. 0.007 min

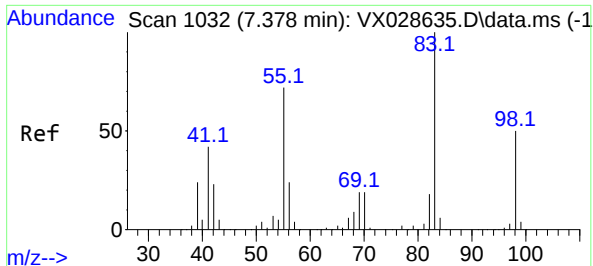
Lab File: VX028717.D

Acq: 14 May 2022 07:14

Tgt Ion:117 Resp: 180185

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	31.2	24.2	36.2





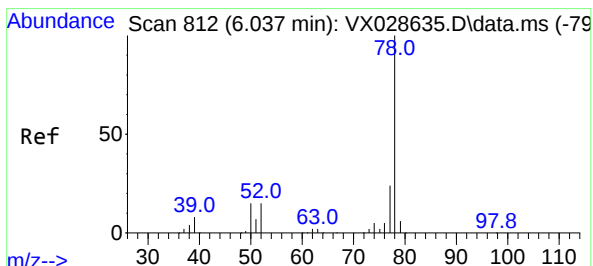
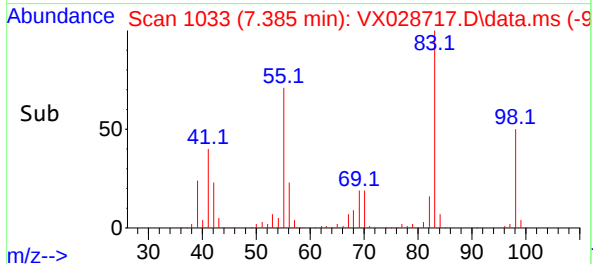
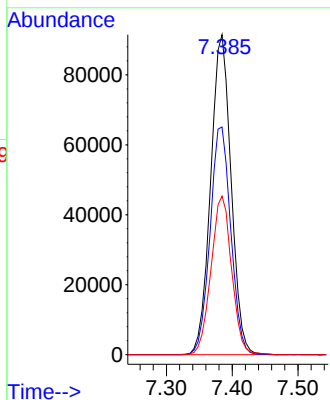
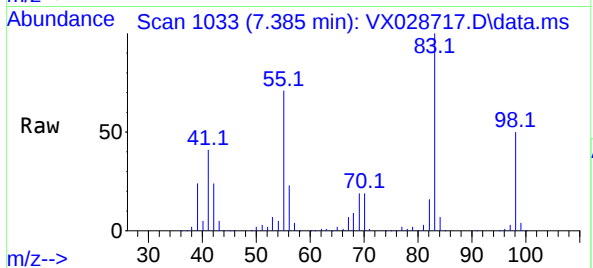
#39
Methylcyclohexane
Concen: 47.565 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 197649
Ion Ratio Lower Upper
83 100
55 71.1 54.6 81.8
98 49.6 37.4 56.2

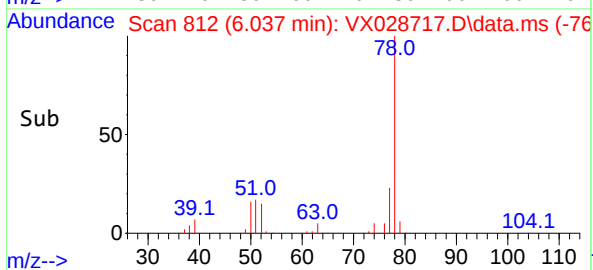
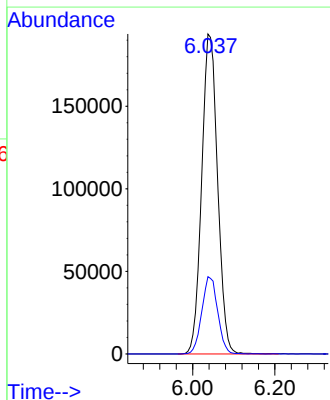
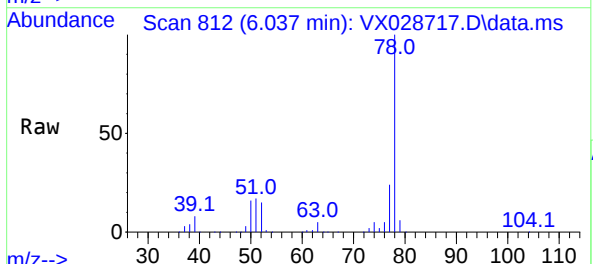
Manual Integrations
APPROVED

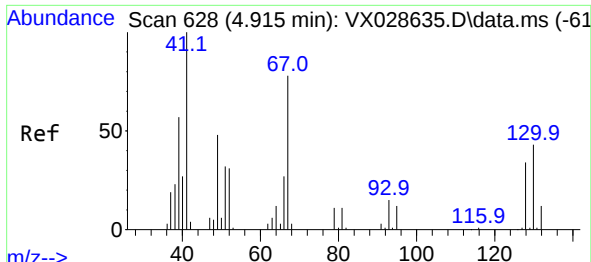
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
Benzene
Concen: 49.952 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 78 Resp: 520180
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





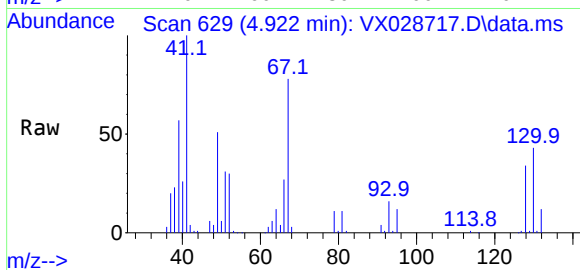
#41
Methacrylonitrile
Concen: 51.348 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



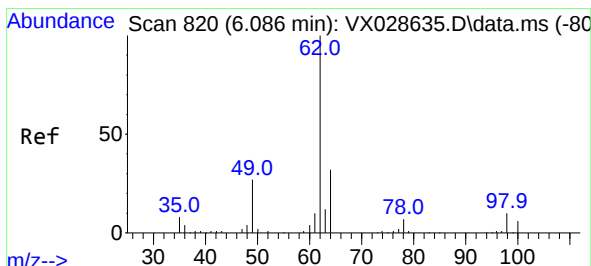
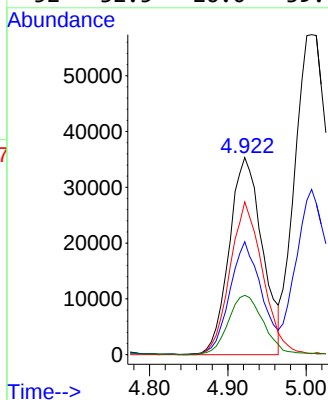
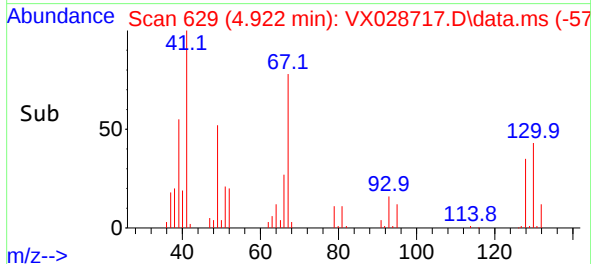
Tgt Ion: 41 Resp: 104194
Ion Ratio Lower Upper
41 100
39 55.2 43.0 64.4
67 76.3 70.2 105.4
52 32.5 26.0 39.0

Manual Integrations

APPROVED

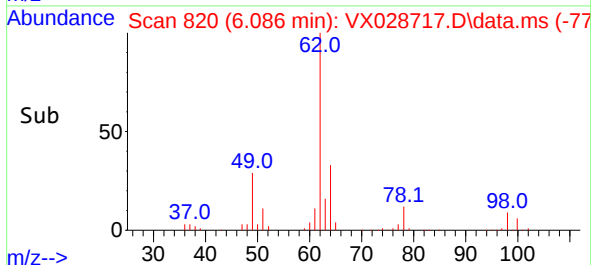
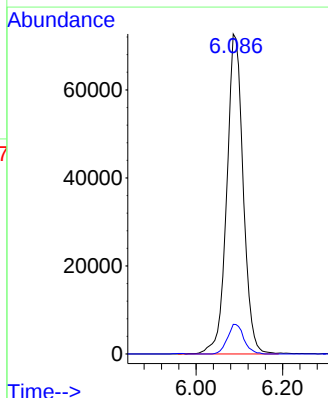
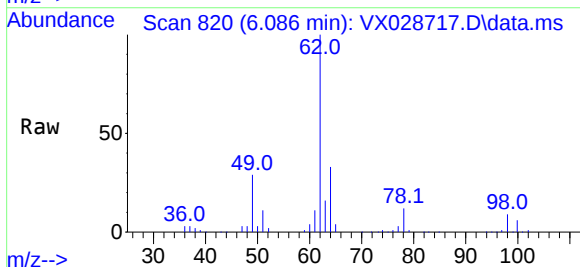
Reviewed By :John Carlone 05/16/2022

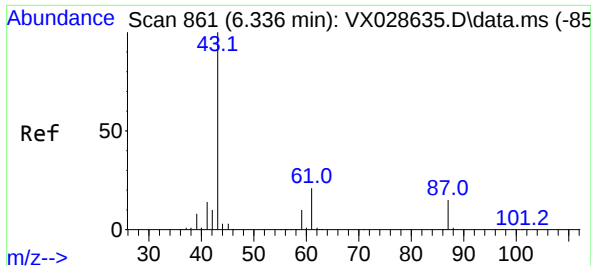
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 50.026 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

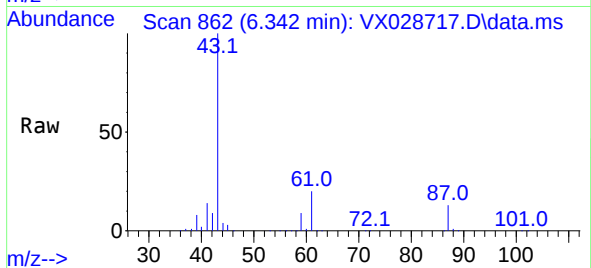
Tgt Ion: 62 Resp: 192156
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.4





#43
Isopropyl Acetate
Concen: 51.324 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

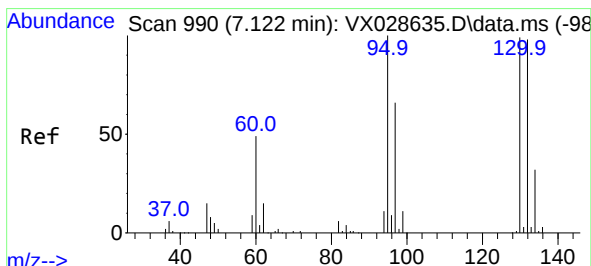
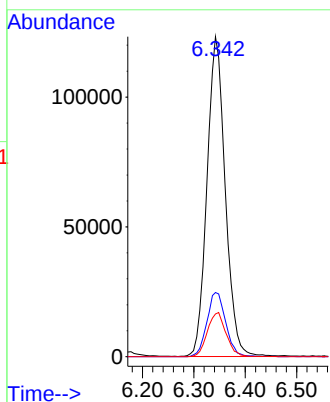
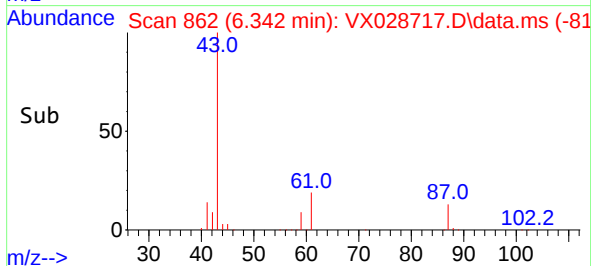
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



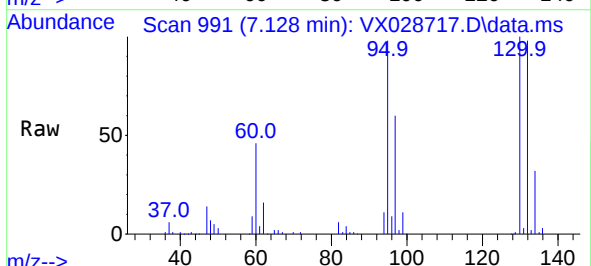
Tgt Ion: 43 Resp: 303879
Ion Ratio Lower Upper
43 100
61 20.7 18.5 27.7
87 14.1 13.0 19.6

Manual Integrations
APPROVED

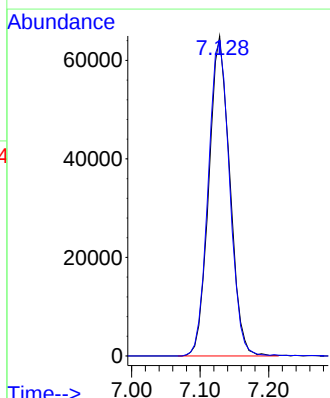
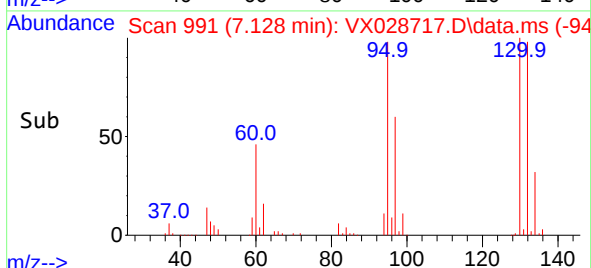
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 48.737 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion:130 Resp: 137643
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.641 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13157

Ion Ratio Lower Upper

63 100

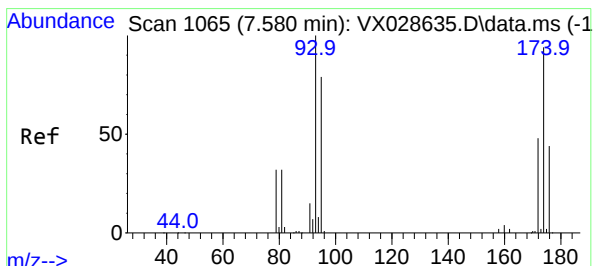
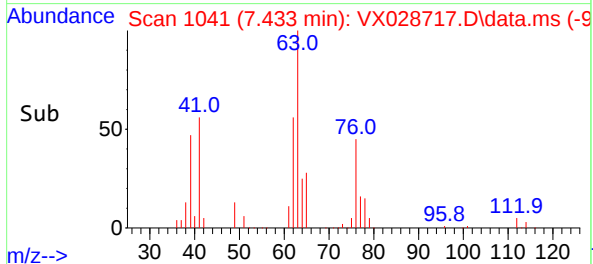
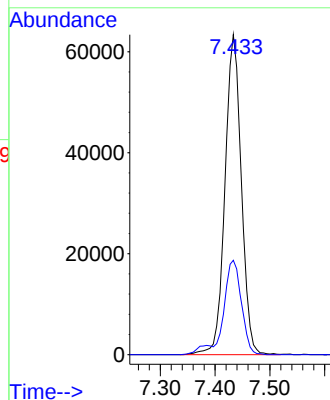
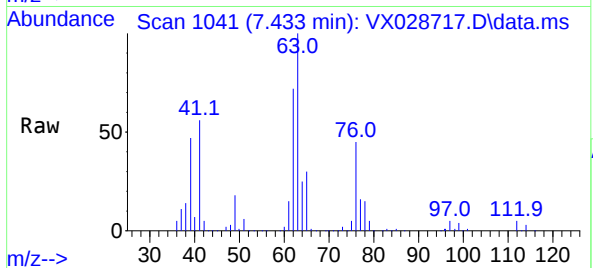
65 29.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 50.050 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

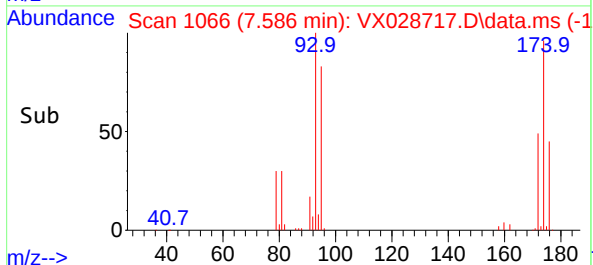
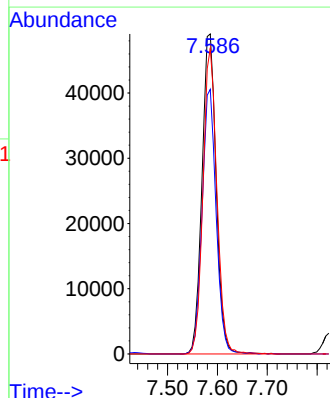
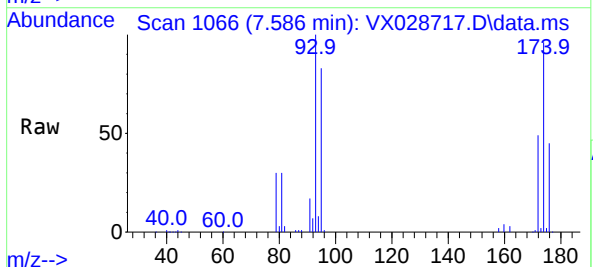
Tgt Ion: 93 Resp: 97111

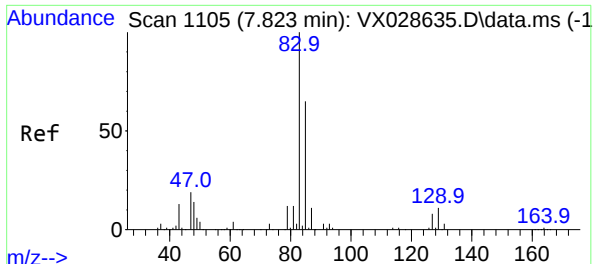
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.6

174 93.3 85.4 128.2





#47
Bromodichloromethane
Concen: 50.459 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

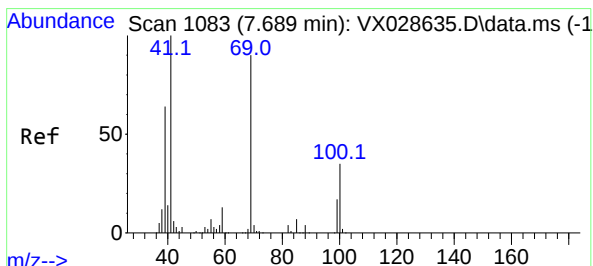
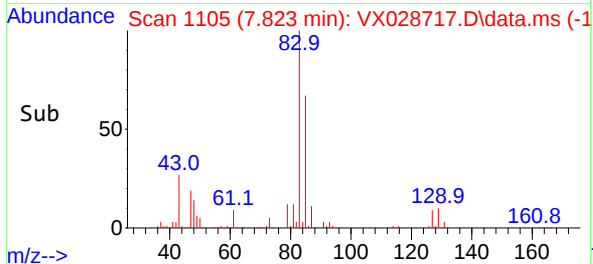
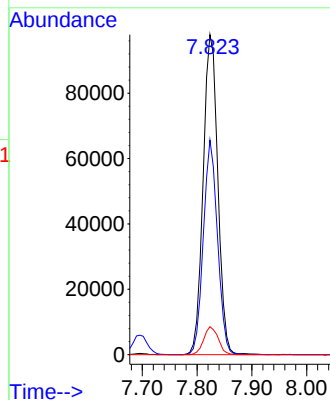
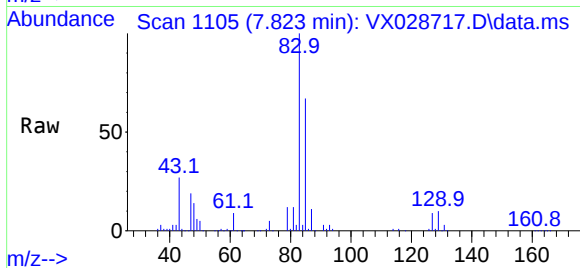
Tgt Ion: 83 Resp: 18176
Ion Ratio Lower Upper
83 100
85 67.1 52.2 78.2
127 8.8 6.8 10.2

Manual Integrations

APPROVED

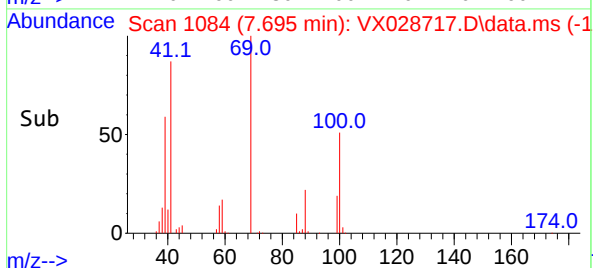
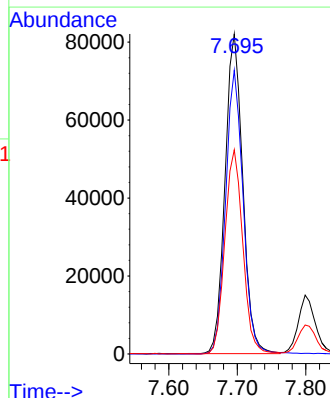
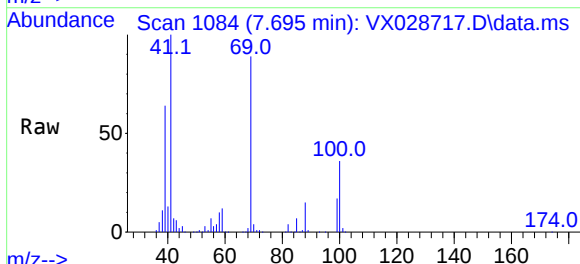
Reviewed By :John Carlone 05/16/2022

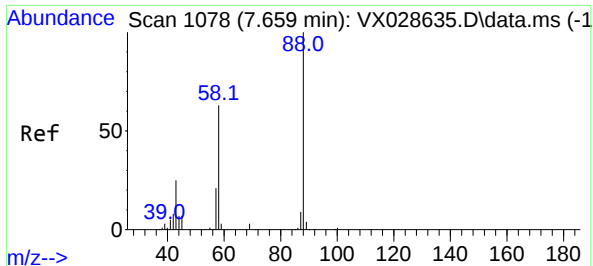
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 51.388 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 41 Resp: 146977
Ion Ratio Lower Upper
41 100
69 87.9 82.5 123.7
39 64.7 43.8 65.8





#49

1,4-Dioxane

Concen: 832.727 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 59500

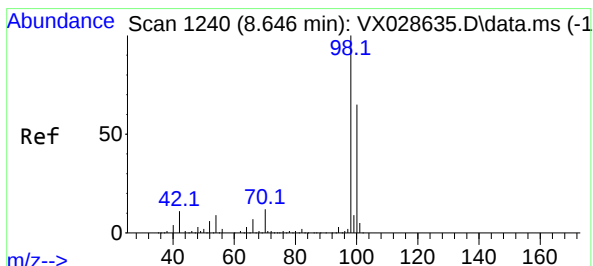
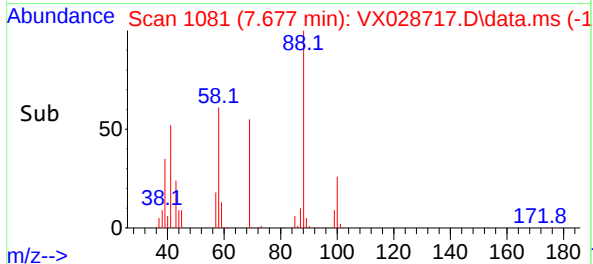
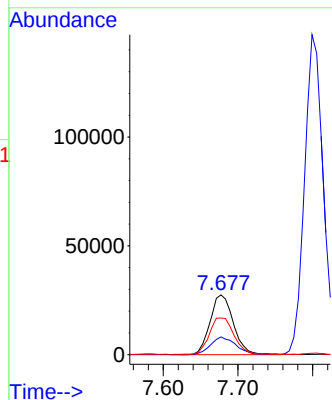
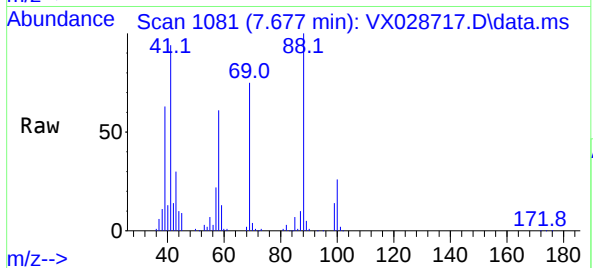
Ion	Ratio	Lower	Upper
88	100		
43	31.6	21.9	32.9
58	65.7	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 54.607 ug/l

RT: 8.653 min Scan# 1241

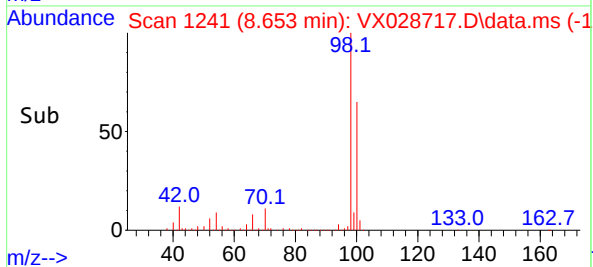
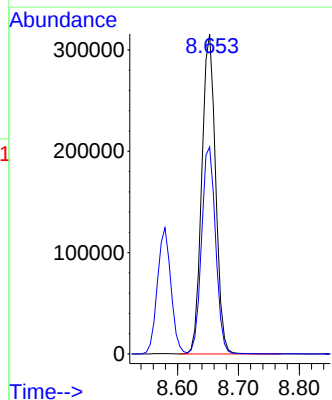
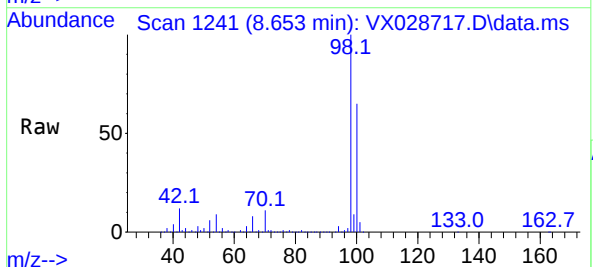
Delta R.T. 0.007 min

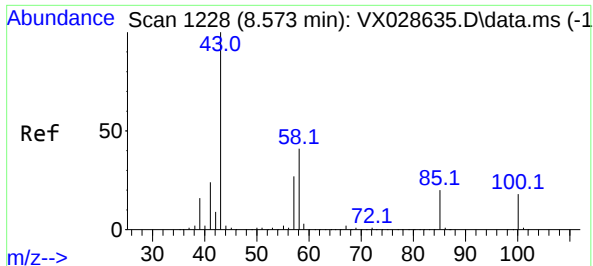
Lab File: VX028717.D

Acq: 14 May 2022 07:14

Tgt Ion: 98 Resp: 496657

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 267.578 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

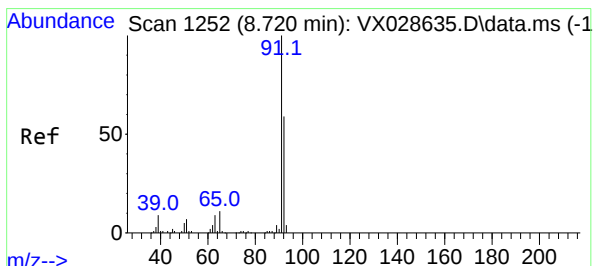
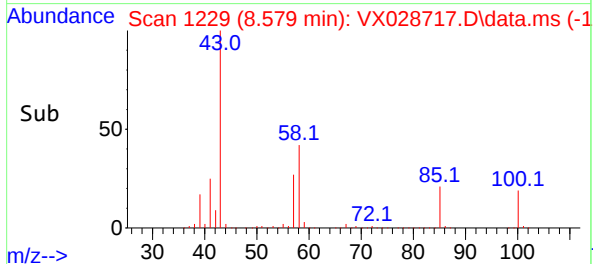
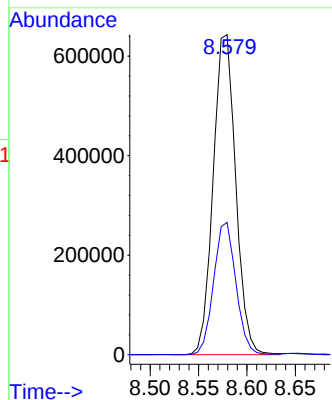
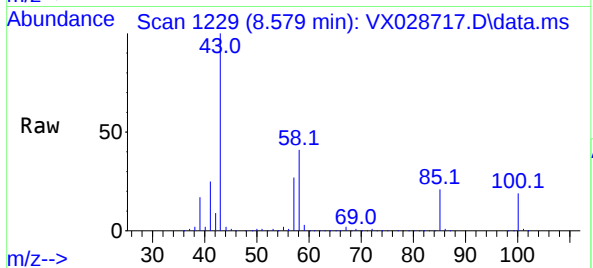
VSTDCCC050EC

Tgt Ion: 43 Resp: 1043539
Ion Ratio Lower Upper
43 100
58 40.8 36.1 54.1

Manual Integrations

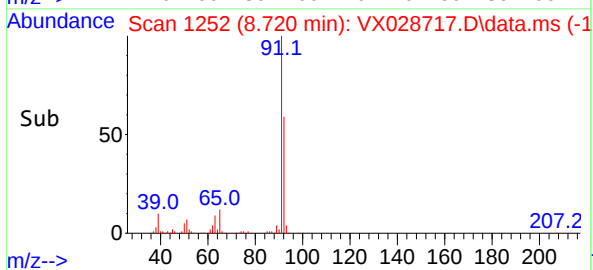
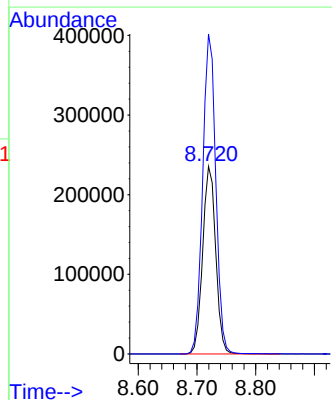
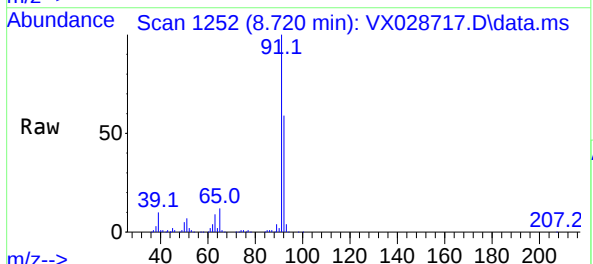
APPROVED

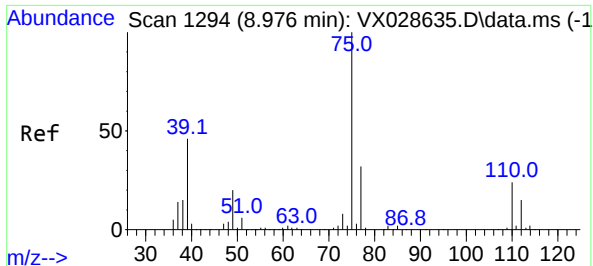
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 54.285 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 92 Resp: 363641
Ion Ratio Lower Upper
92 100
91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 50.249 ug/l

RT: 8.982 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 208398

Ion Ratio Lower Upper

75 100

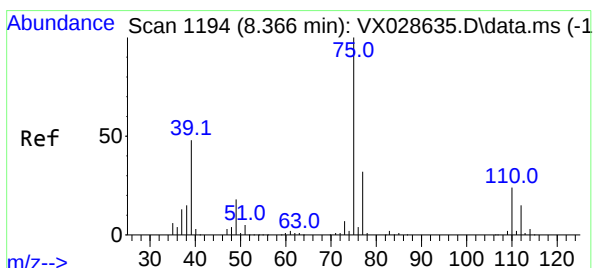
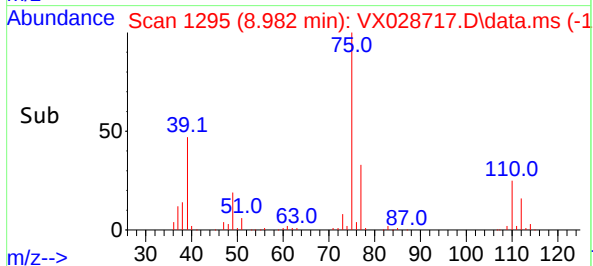
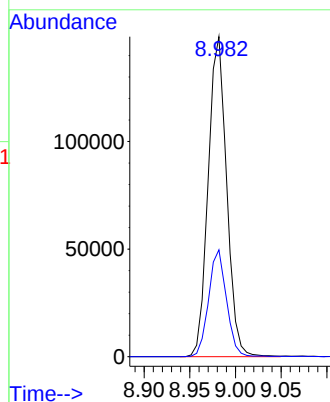
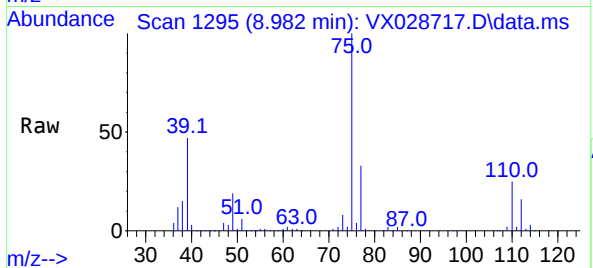
77 33.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#54

cis-1,3-Dichloropropene

Concen: 49.333 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

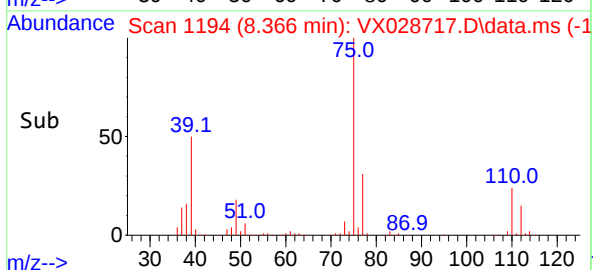
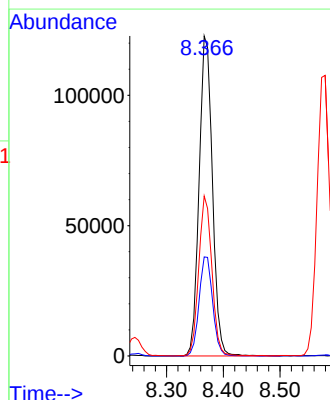
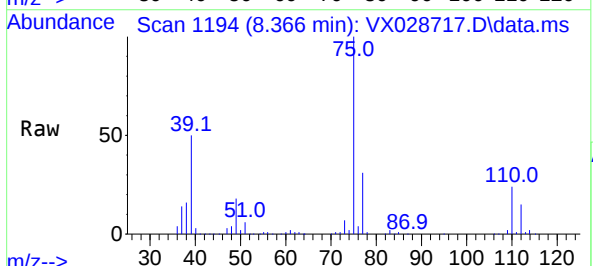
Tgt Ion: 75 Resp: 199963

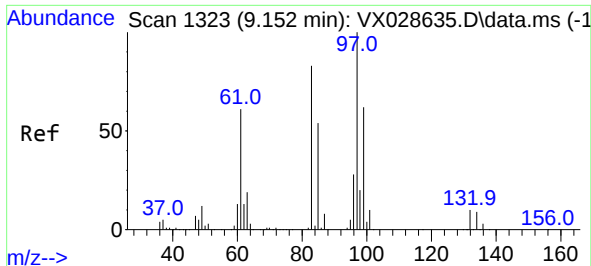
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

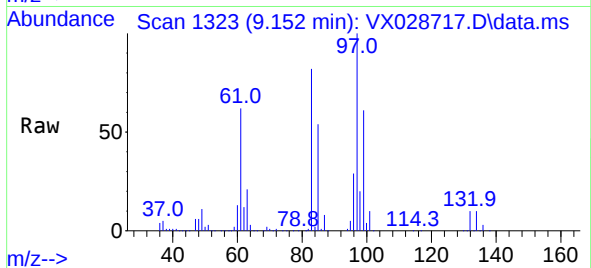
39 49.9 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 56.591 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

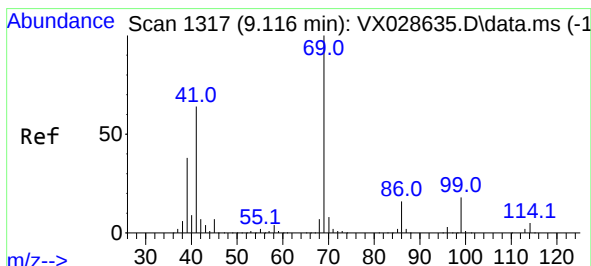
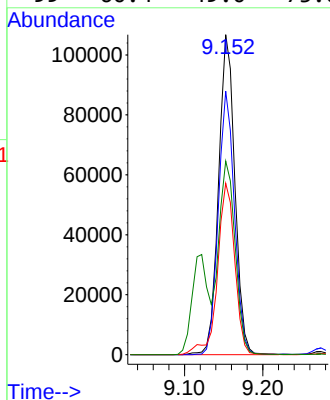
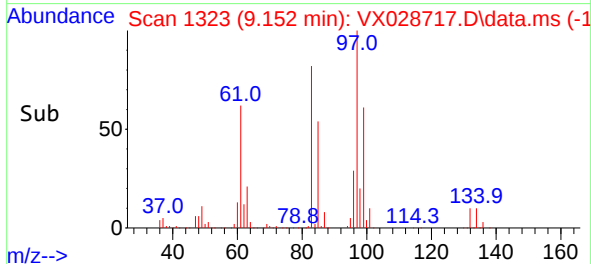
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



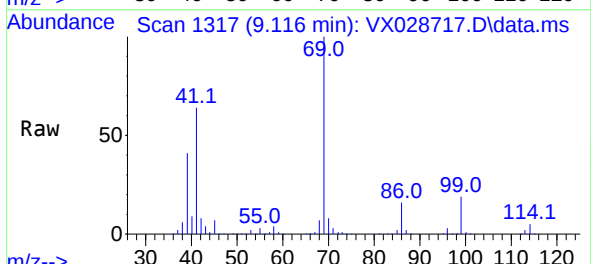
Tgt Ion: 97 Resp: 15458
Ion Ratio Lower Upper
97 100
83 82.3 66.2 99.4
85 53.5 42.9 64.3
99 60.4 49.0 73.6

Manual Integrations
APPROVED

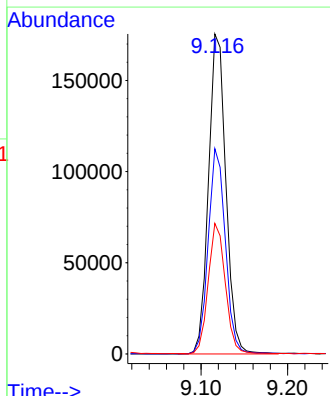
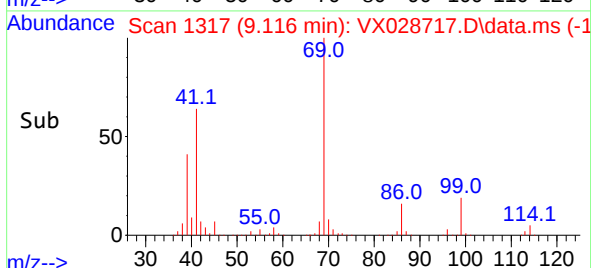
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

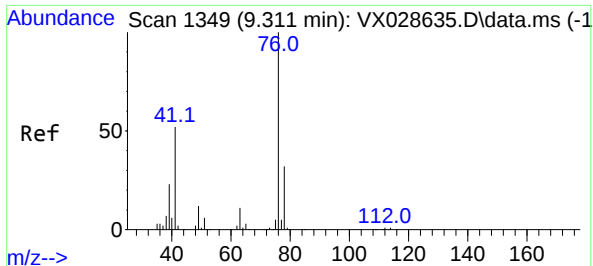


#56
Ethyl methacrylate
Concen: 59.205 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



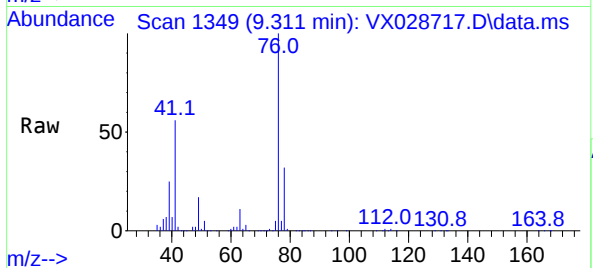
Tgt Ion: 69 Resp: 244904
Ion Ratio Lower Upper
69 100
41 63.5 43.8 65.6
39 40.3 22.2 33.2





#57
1,3-Dichloropropane
Concen: 55.941 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

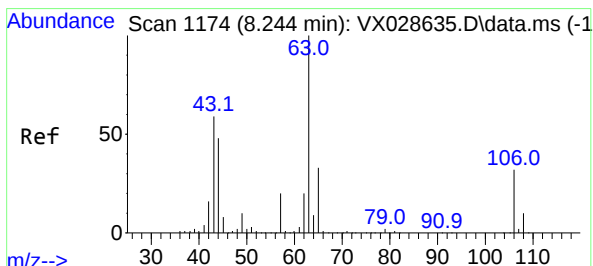
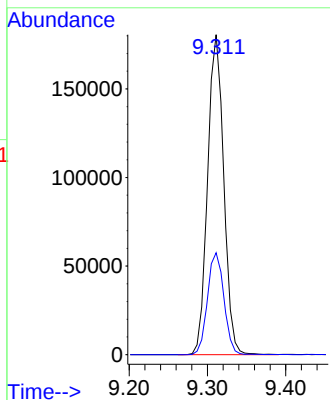
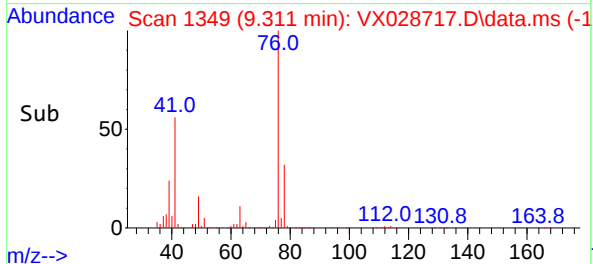
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



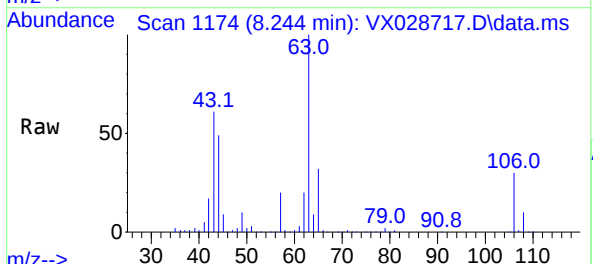
Tgt Ion: 76 Resp: 25773
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

Manual Integrations
APPROVED

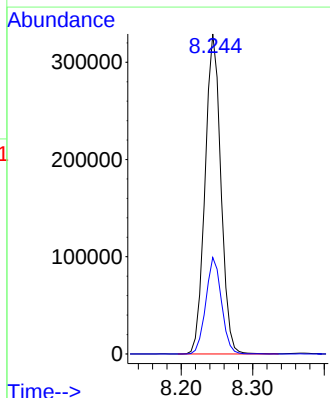
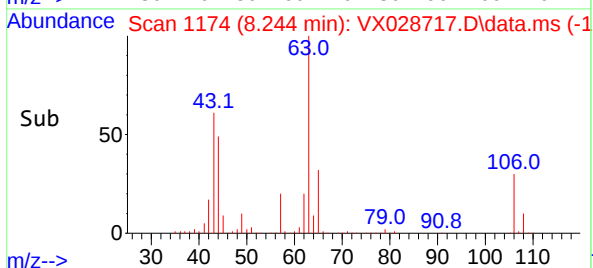
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 249.744 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion: 63 Resp: 505776
Ion Ratio Lower Upper
63 100
106 29.8 23.9 35.9





#59

2-Hexanone

Concen: 266.161 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 806463

Ion Ratio Lower Upper

43 100

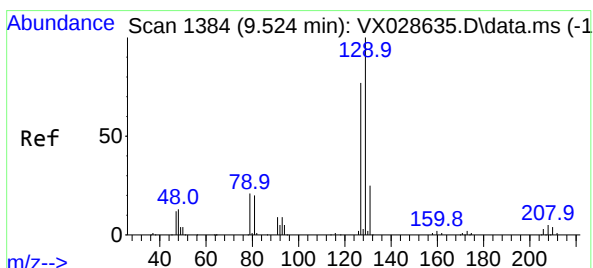
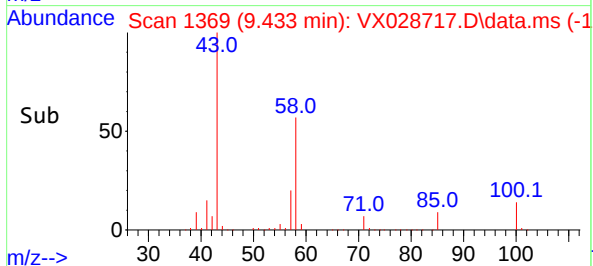
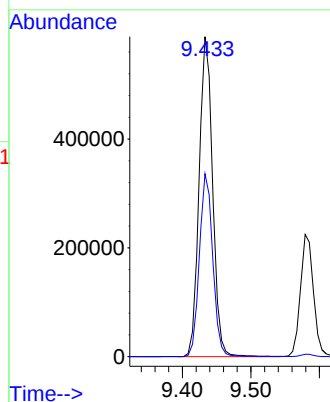
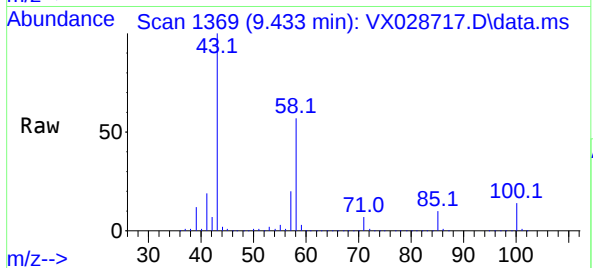
58 56.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#60

Dibromochloromethane

Concen: 57.280 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028717.D

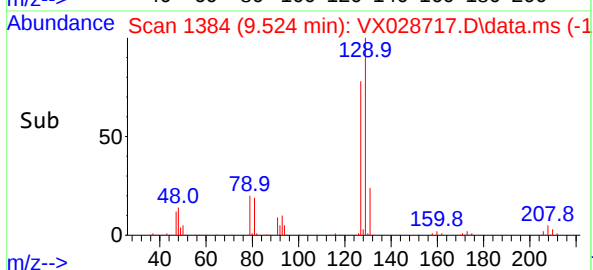
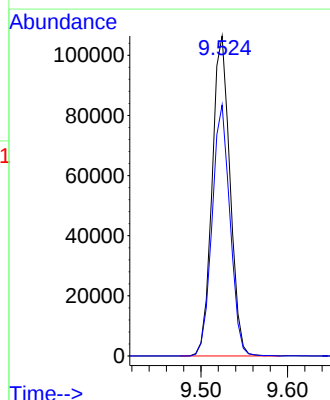
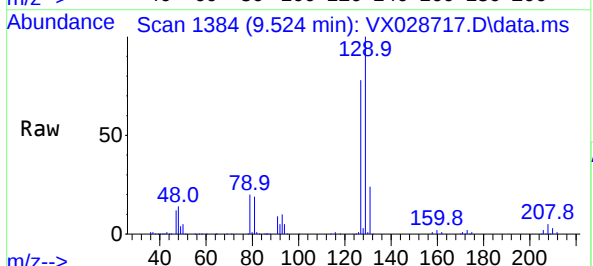
Acq: 14 May 2022 07:14

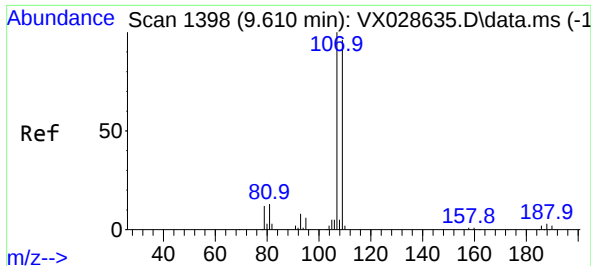
Tgt Ion:129 Resp: 152594

Ion Ratio Lower Upper

129 100

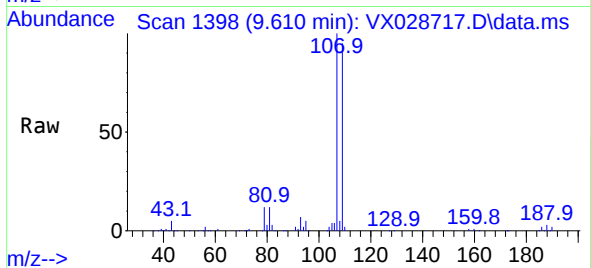
127 78.5 40.3 120.8





#61
1,2-Dibromoethane
Concen: 56.040 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

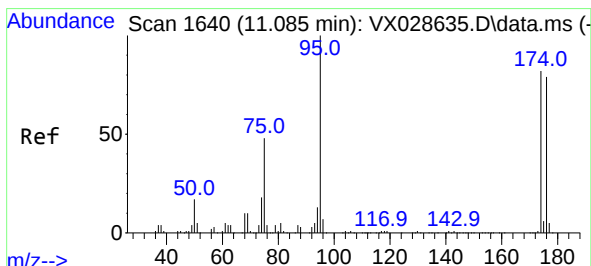
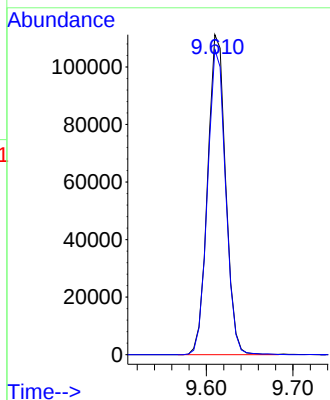
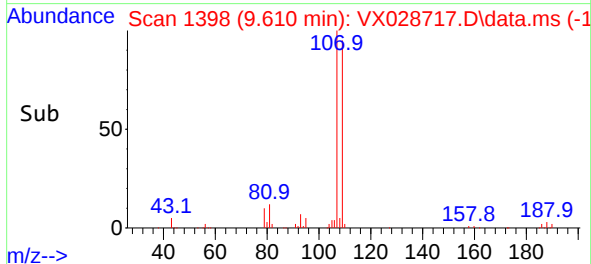
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



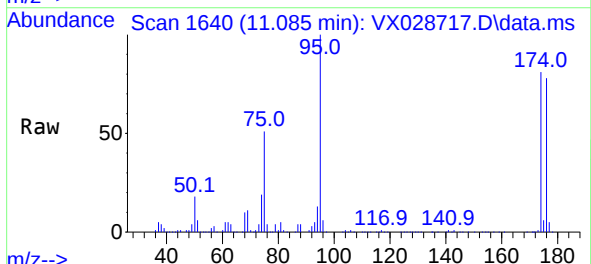
Tgt Ion:107 Resp: 160777
Ion Ratio Lower Upper
107 100
109 95.6 74.4 111.6

Manual Integrations
APPROVED

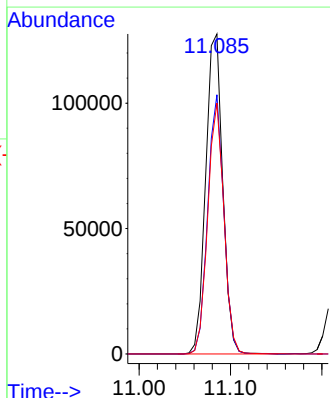
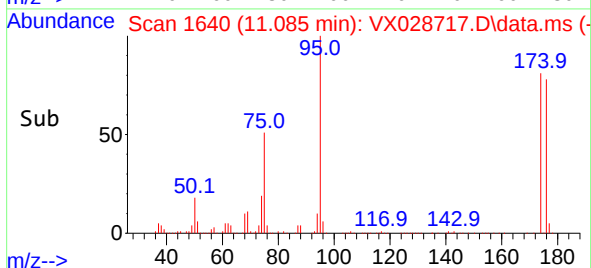
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

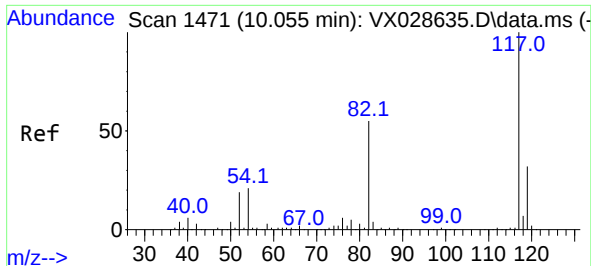


#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



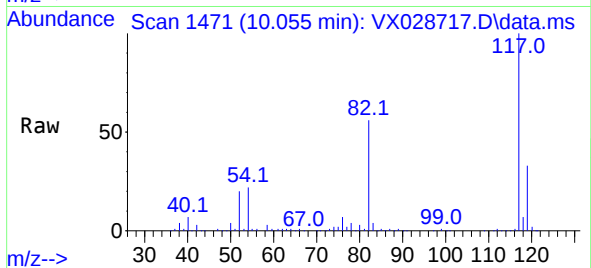
Tgt Ion: 95 Resp: 164535
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 74.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

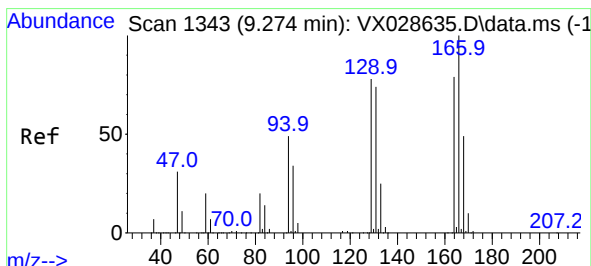
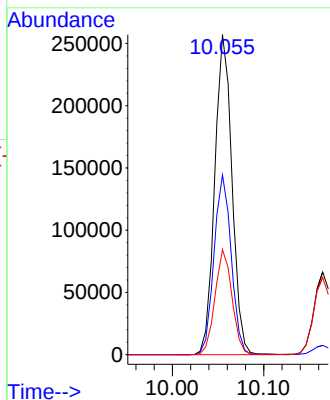
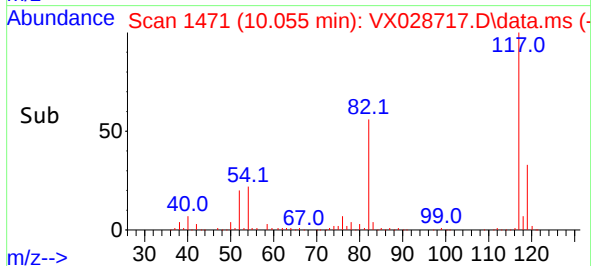
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



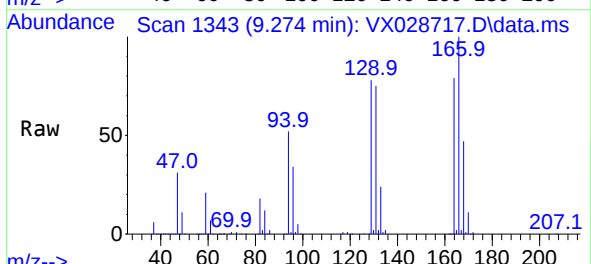
Tgt Ion:117 Resp: 337072
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.8 24.8 37.2

Manual Integrations
APPROVED

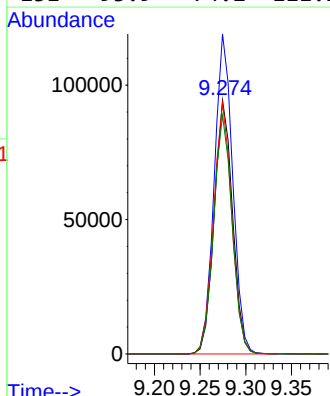
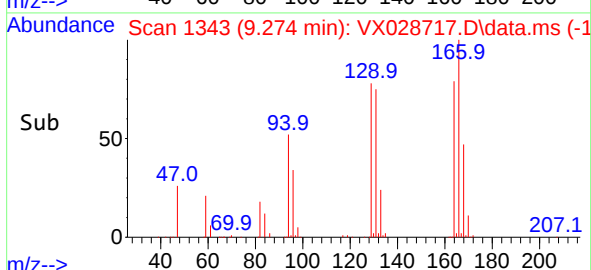
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#64
Tetrachloroethene
Concen: 51.772 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



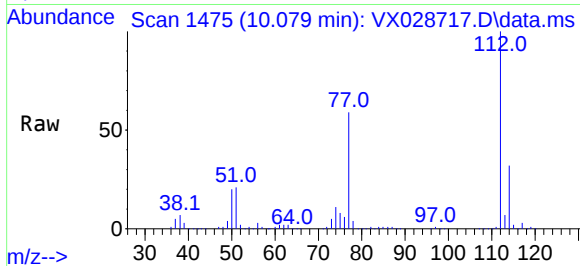
Tgt Ion:164 Resp: 131781
Ion Ratio Lower Upper
164 100
166 126.0 101.2 151.8
129 98.9 73.0 109.4
131 93.9 74.2 111.2





#65
Chlorobenzene
Concen: 49.417 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

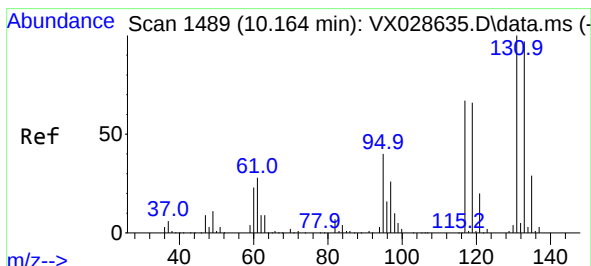
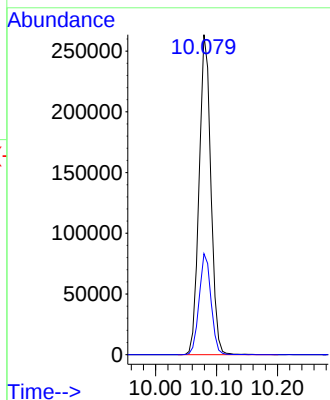
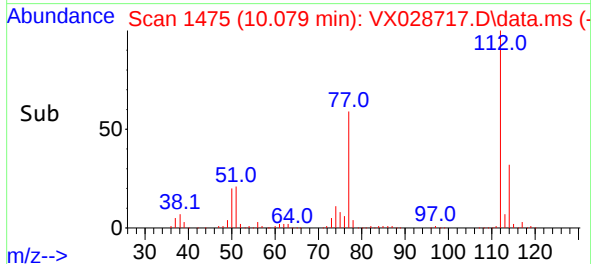
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



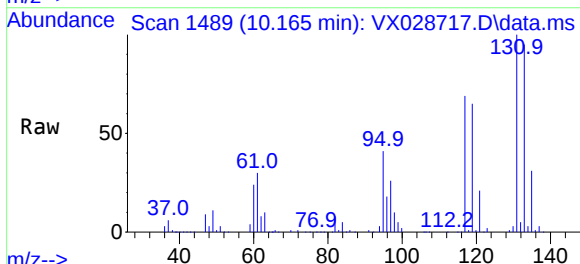
Tgt Ion:112 Resp: 353372
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

Manual Integrations
APPROVED

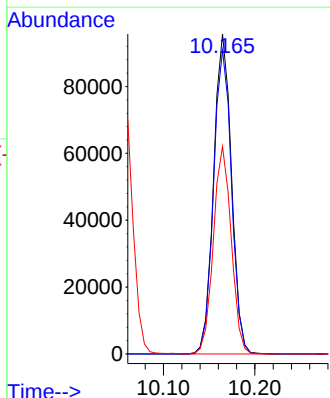
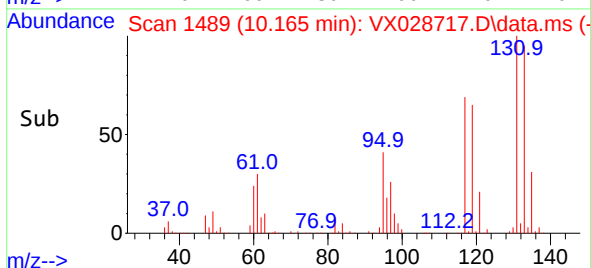
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

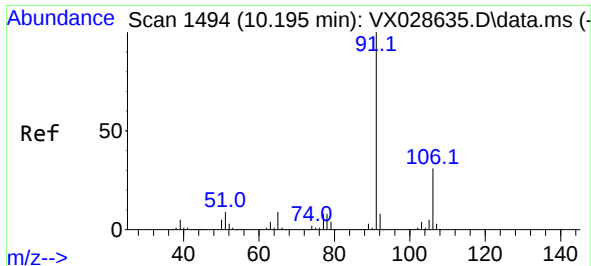


#66
1,1,1,2-Tetrachloroethane
Concen: 51.222 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion:131 Resp: 129749
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 64.9 32.6 98.0





#67

Ethyl Benzene

Concen: 50.043 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 64139

Ion Ratio Lower Upper

91 100

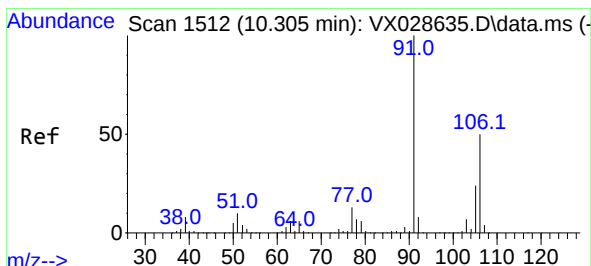
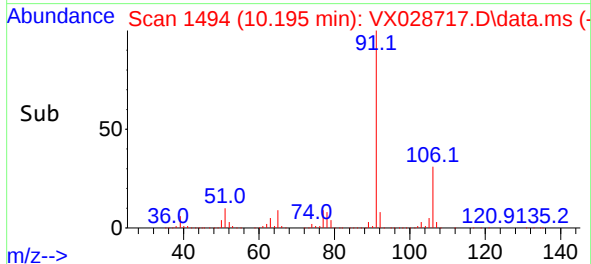
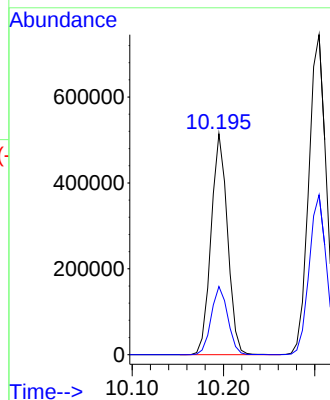
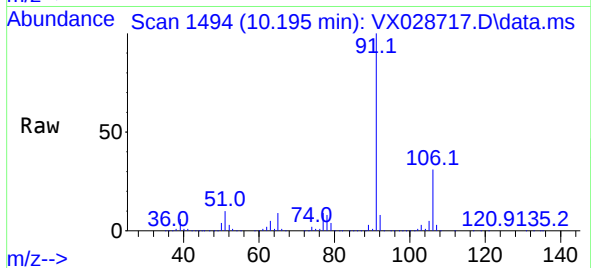
106 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 98.629 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028717.D

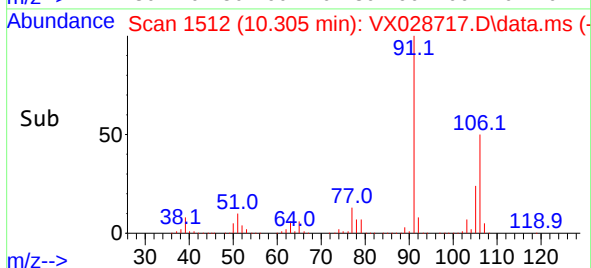
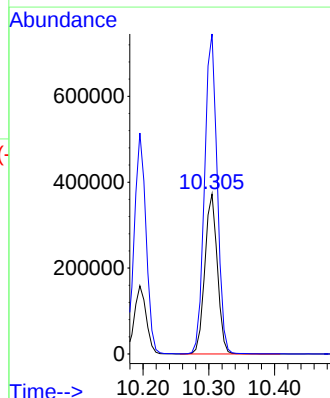
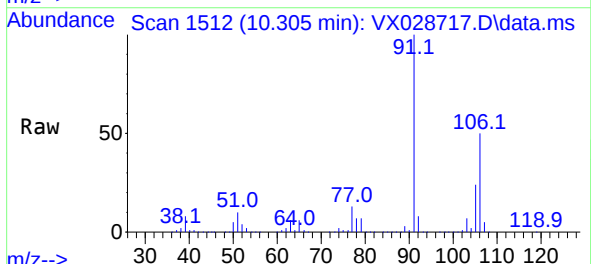
Acq: 14 May 2022 07:14

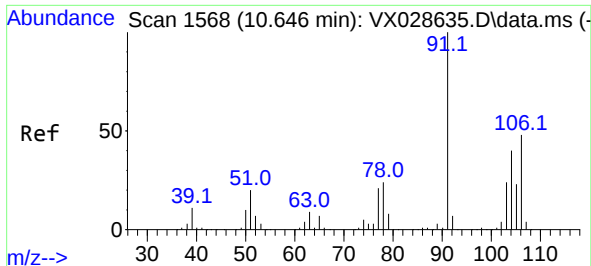
Tgt Ion:106 Resp: 492162

Ion Ratio Lower Upper

106 100

91 202.3 160.4 240.6





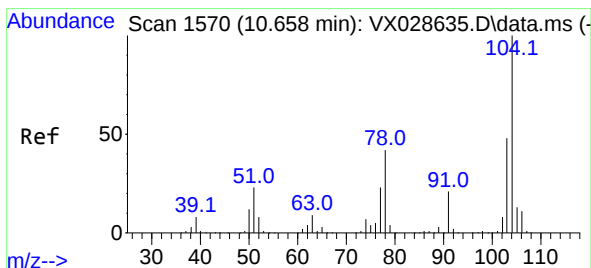
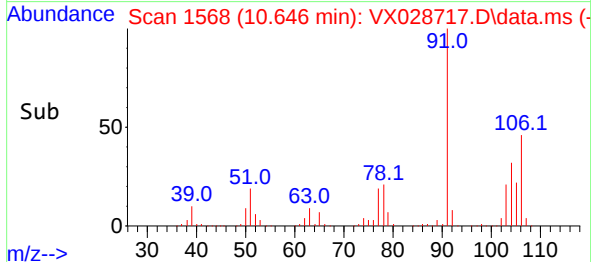
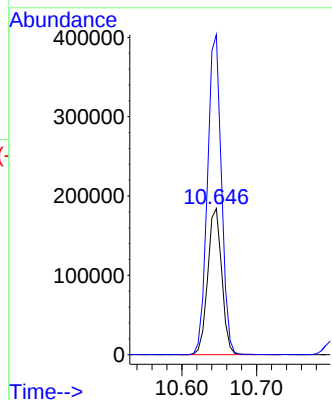
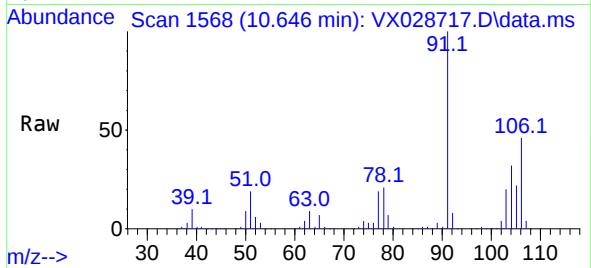
#69
o-Xylene
Concen: 48.840 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23994
Ion Ratio Lower Upper
106 100
91 218.1 106.1 318.1

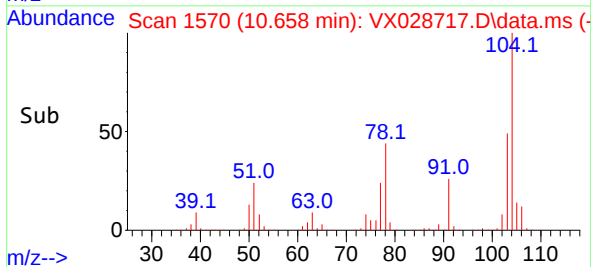
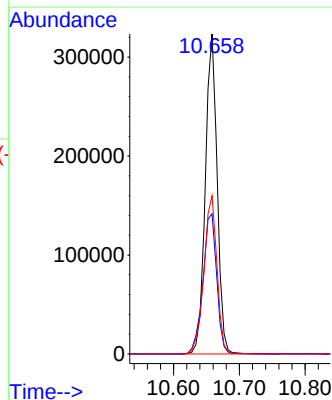
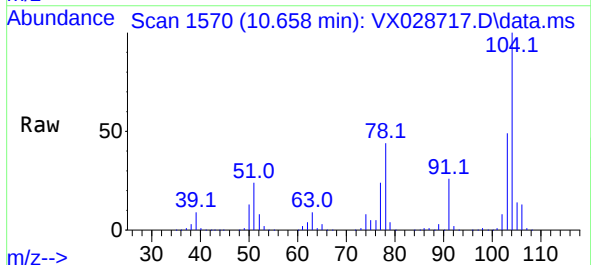
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 50.742 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

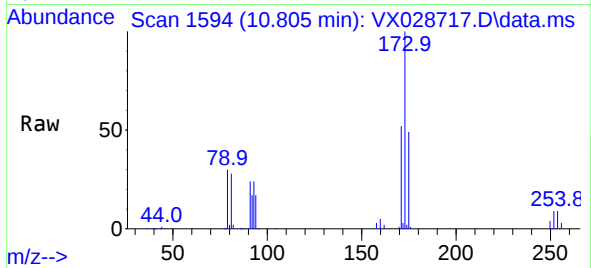
Tgt Ion:104 Resp: 404839
Ion Ratio Lower Upper
104 100
78 51.0 38.6 57.8
103 54.5 43.8 65.8





#71
Bromoform
Concen: 43.827 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

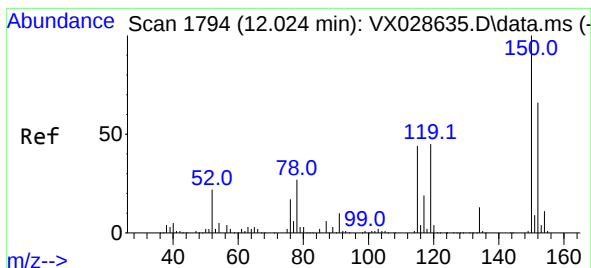
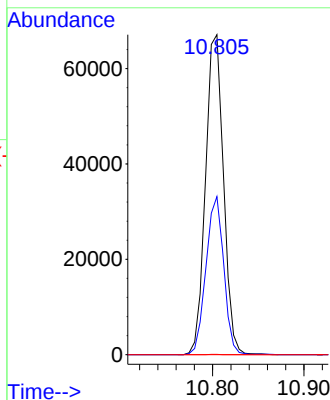
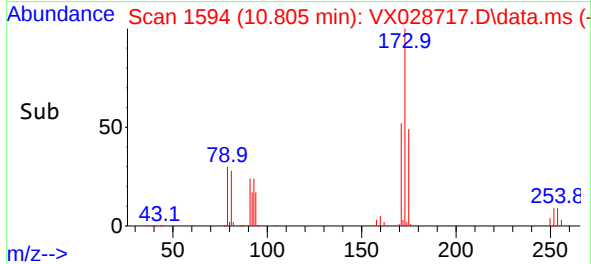
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



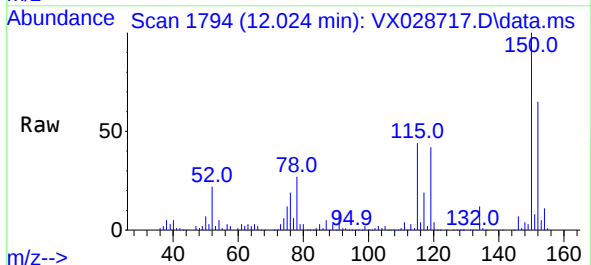
Tgt Ion:173 Resp: 91502
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

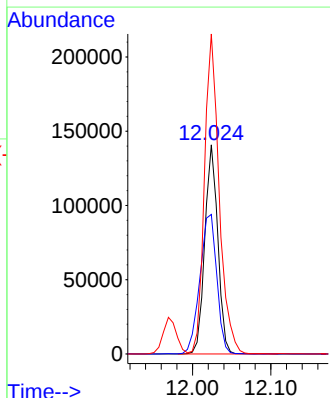
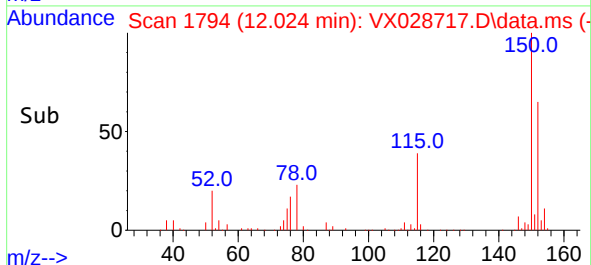
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

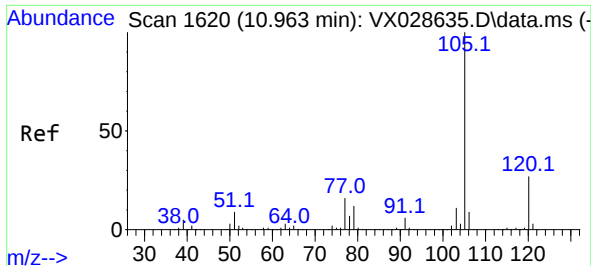


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



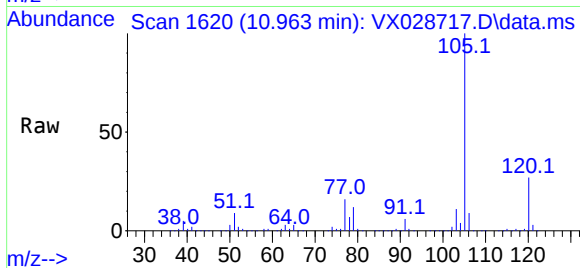
Tgt Ion:152 Resp: 161578
Ion Ratio Lower Upper
152 100
115 87.2 37.5 112.7
150 173.6 0.0 338.2





#73
Isopropylbenzene
Concen: 51.486 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

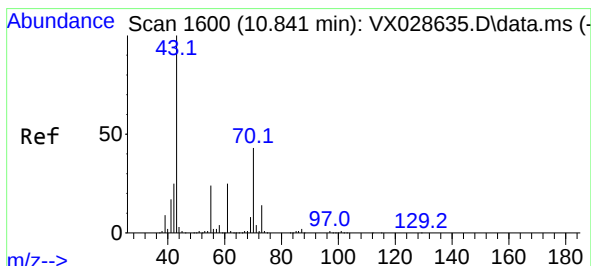
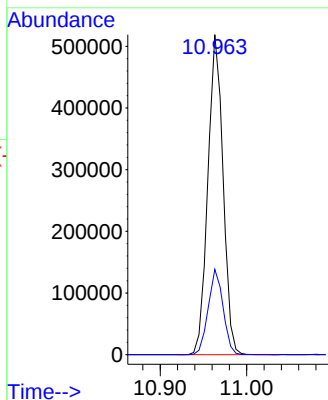
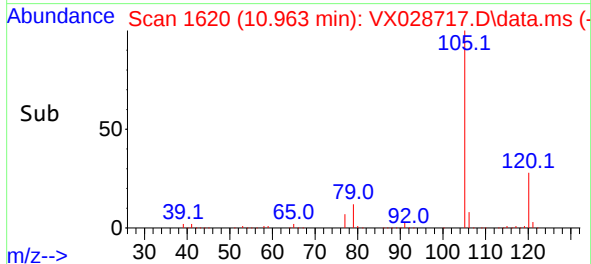
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



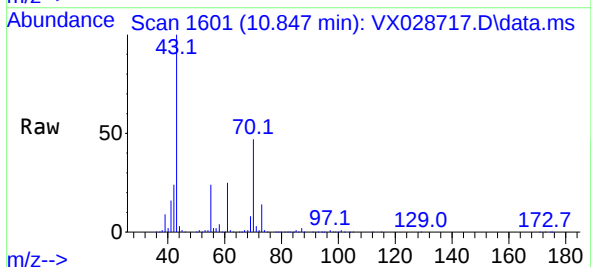
Tgt Ion:105 Resp: 63087
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5

Manual Integrations
APPROVED

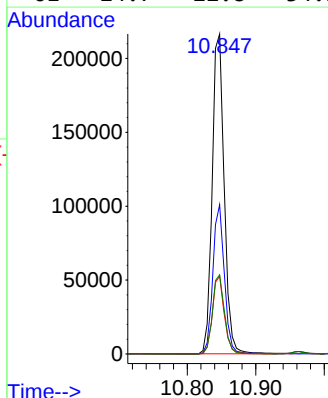
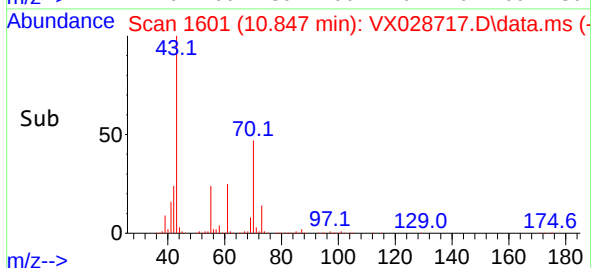
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

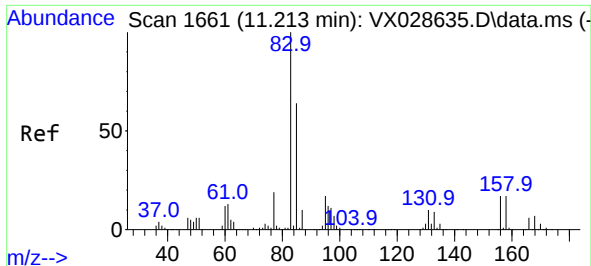


#74
N-ethyl acetate
Concen: 54.898 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



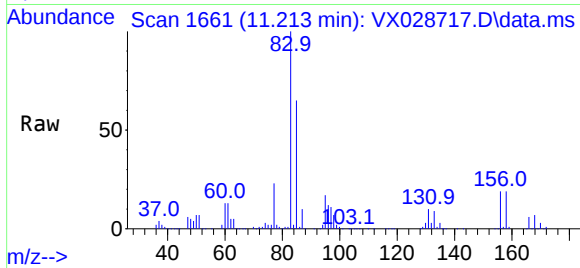
Tgt Ion: 43 Resp: 264423
Ion Ratio Lower Upper
43 100
70 45.0 42.5 63.7
55 24.1 23.1 34.7
61 24.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.815 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

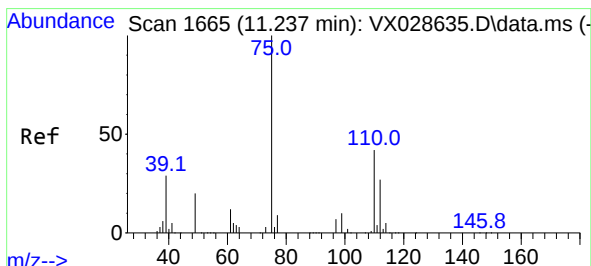
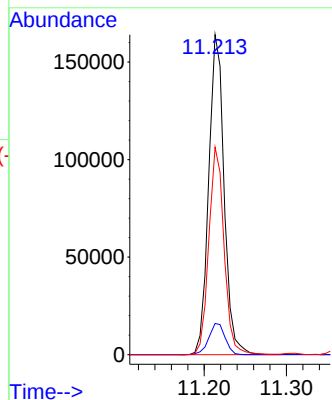
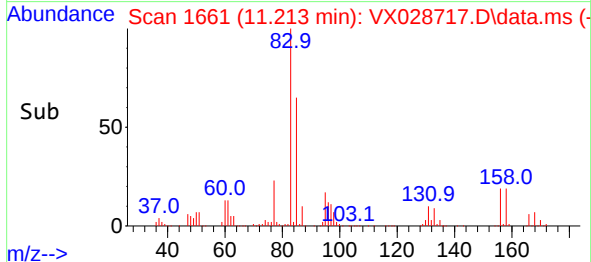
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



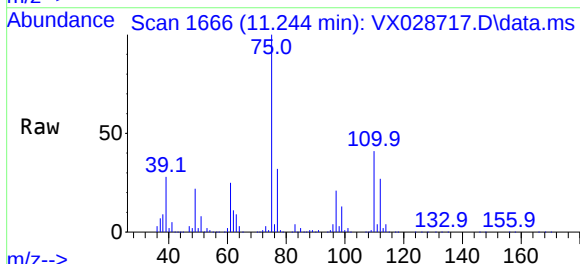
Tgt Ion: 83 Resp: 213608
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.2 32.6 97.7

Manual Integrations
APPROVED

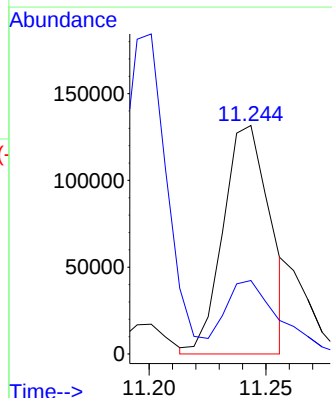
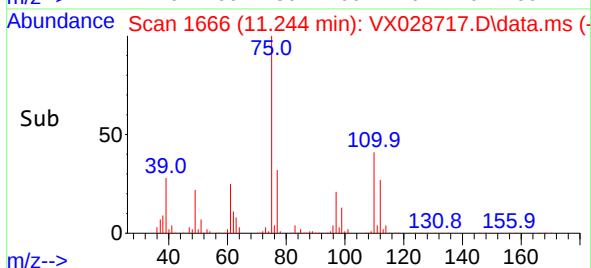
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

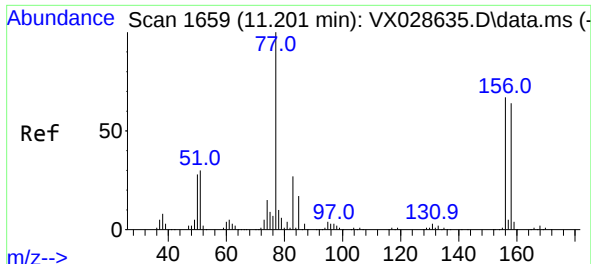


#76
1,2,3-Trichloropropane
Concen: 48.586 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



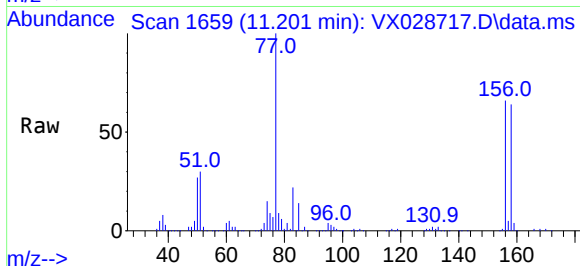
Tgt Ion: 75 Resp: 183851
Ion Ratio Lower Upper
75 100
77 36.9 19.4 58.2





#77
Bromobenzene
Concen: 51.422 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

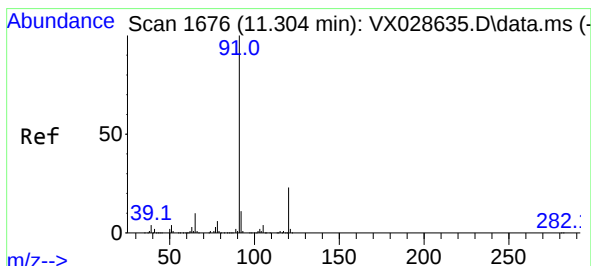
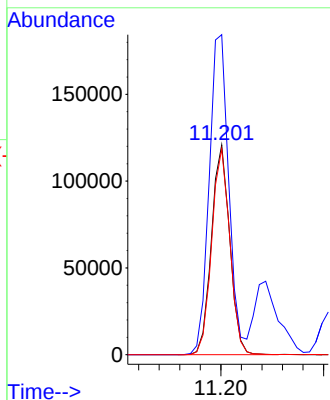
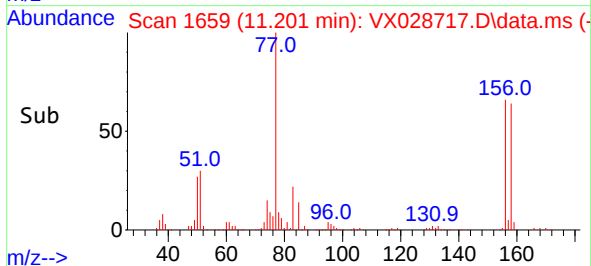
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



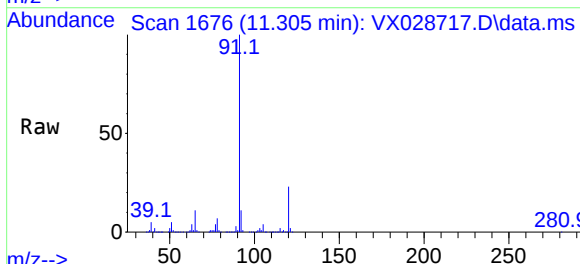
Tgt Ion:156 Resp: 149084
Ion Ratio Lower Upper
156 100
77 163.8 78.5 235.3
158 97.3 50.2 150.7

Manual Integrations
APPROVED

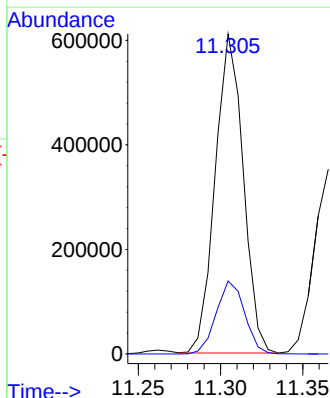
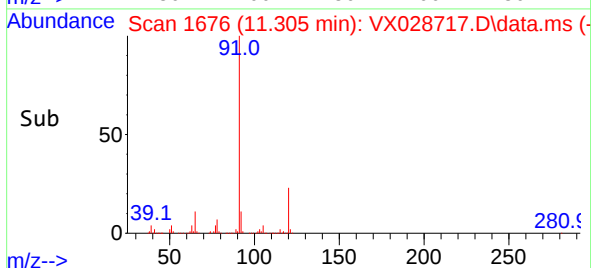
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

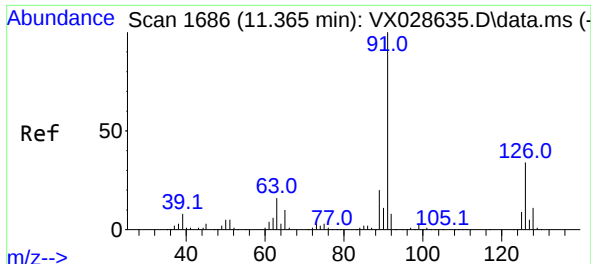


#78
n-propylbenzene
Concen: 51.056 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion: 91 Resp: 723648
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





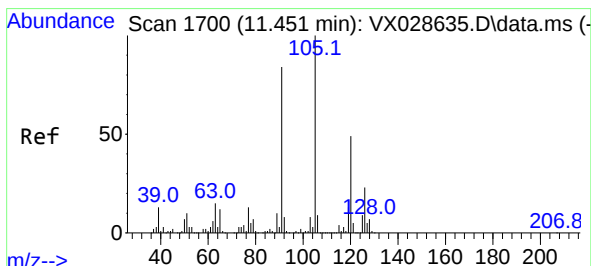
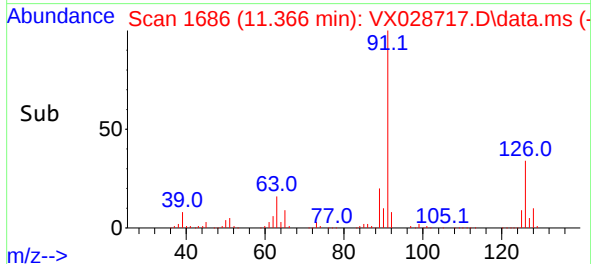
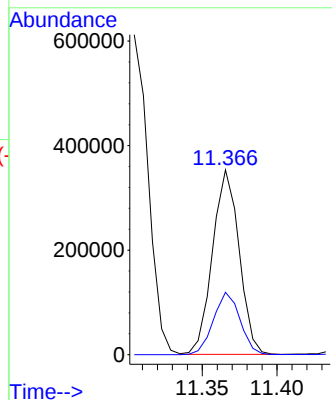
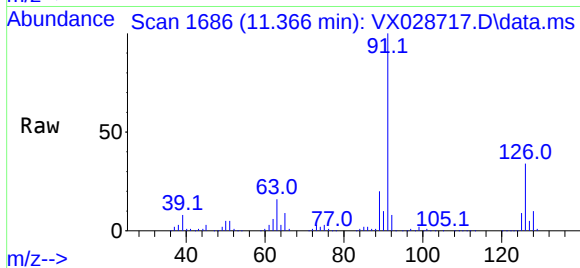
#79
2-Chlorotoluene
Concen: 50.275 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 436744
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

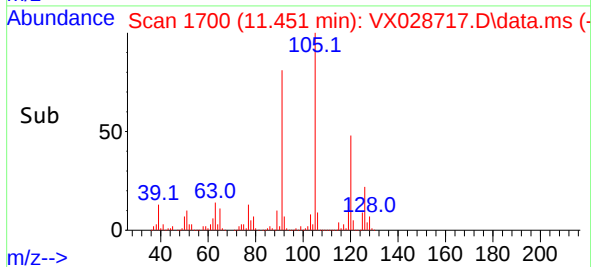
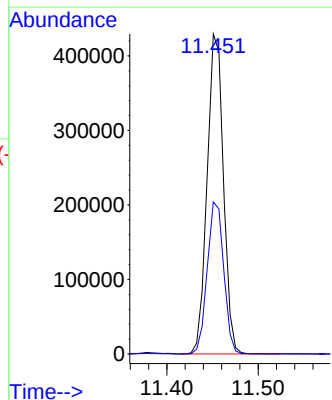
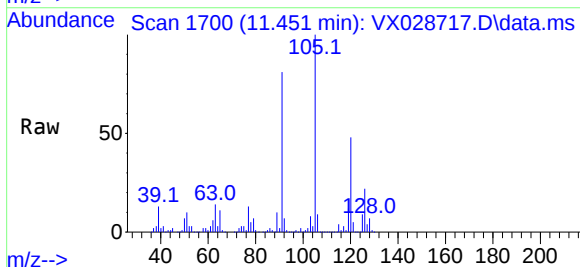
Manual Integrations
APPROVED

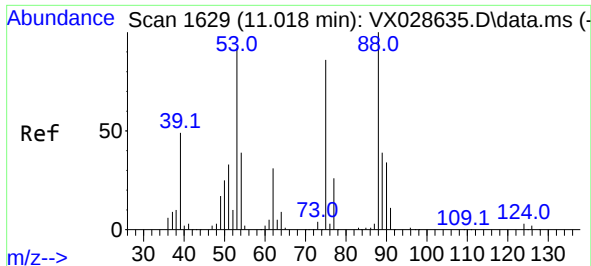
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.941 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

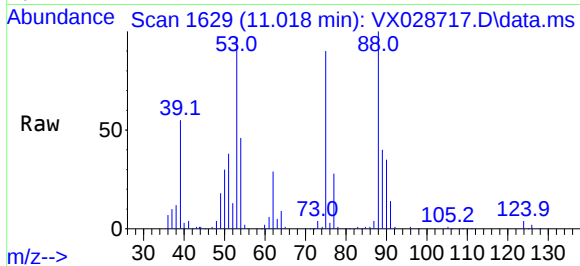
Tgt Ion:105 Resp: 530317
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 39.019 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

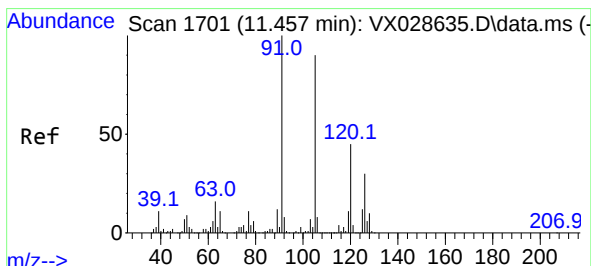
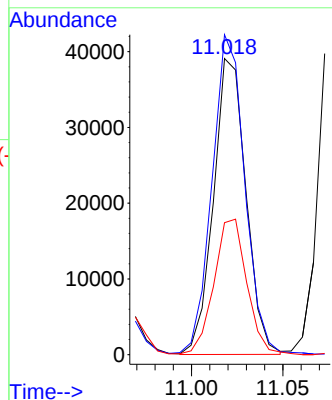
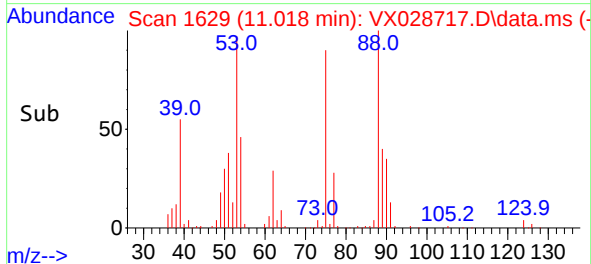
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



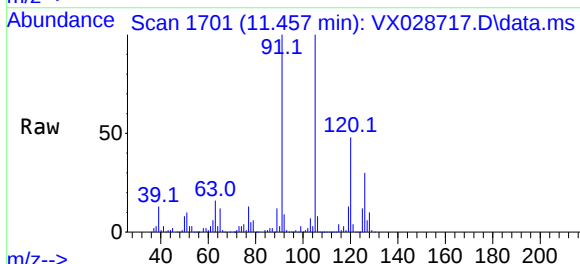
Tgt Ion: 75 Resp: 48324
Ion Ratio Lower Upper
75 100
53 108.7 69.0 103.4
89 46.6 37.0 55.6

Manual Integrations
APPROVED

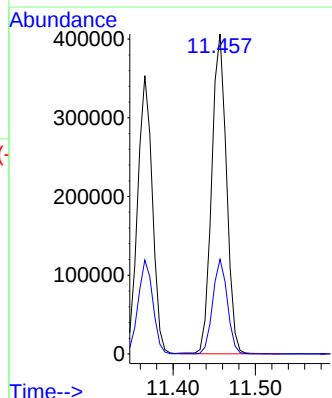
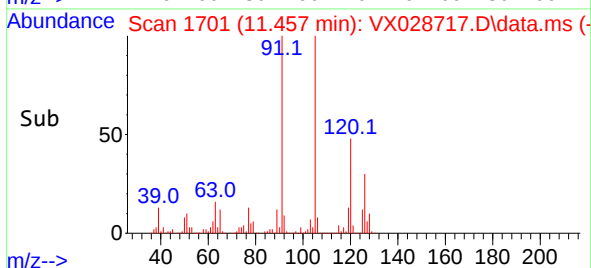
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 50.571 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



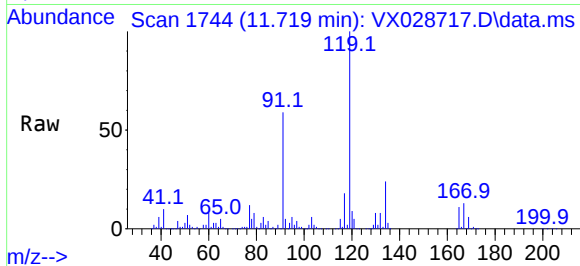
Tgt Ion: 91 Resp: 507879
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.5





#83
tert-Butylbenzene
Concen: 52.970 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

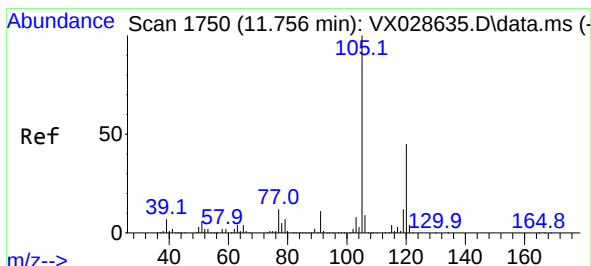
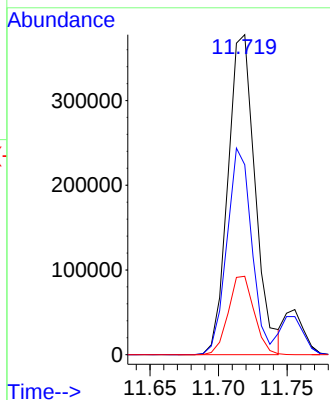
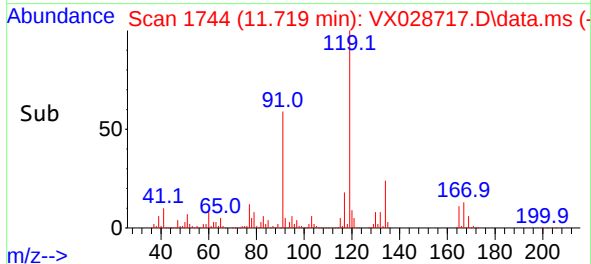
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



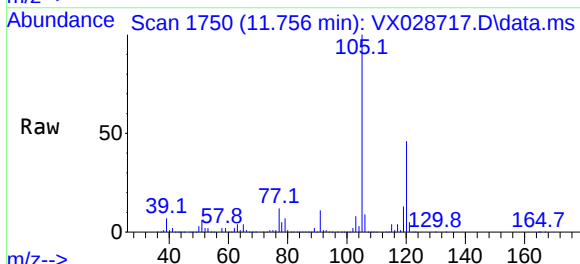
Tgt Ion:119 Resp: 523630
Ion Ratio Lower Upper
119 100
91 58.7 26.9 80.6
134 23.2 11.4 34.2

Manual Integrations
APPROVED

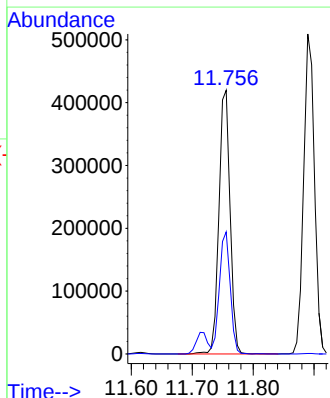
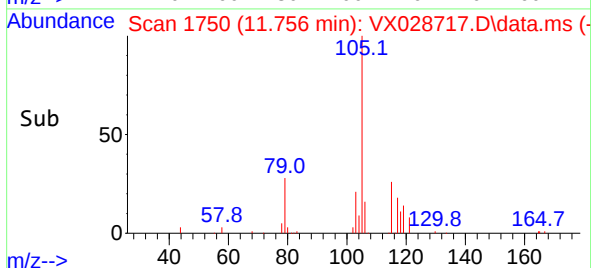
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

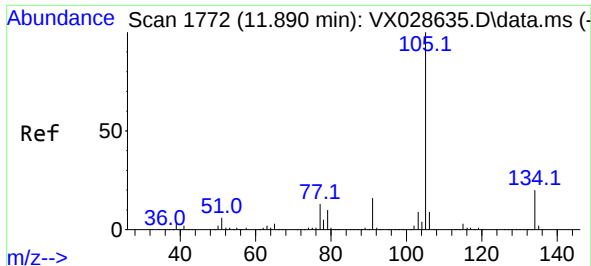


#84
1,2,4-Trimethylbenzene
Concen: 51.954 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion:105 Resp: 531928
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 51.192 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028717.D
 Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

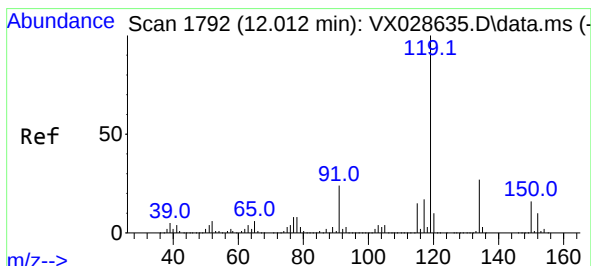
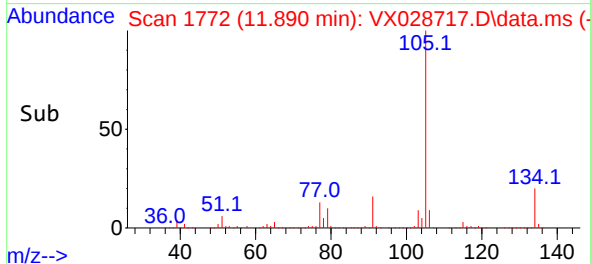
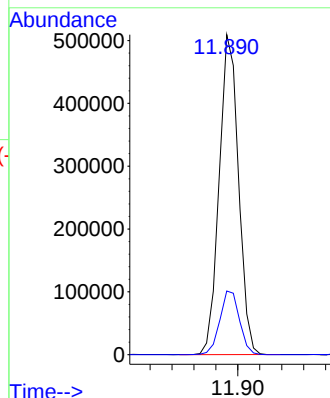
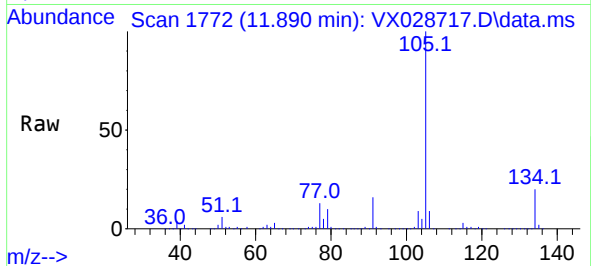
VSTDCCC050EC

Tgt Ion:105 Resp: 624225
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations

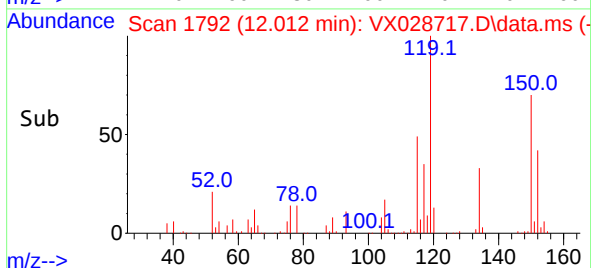
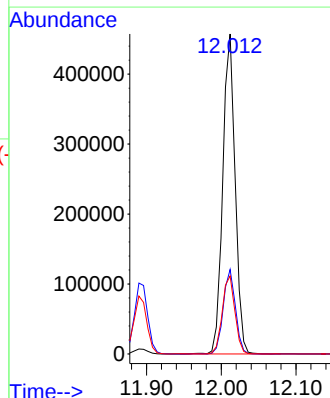
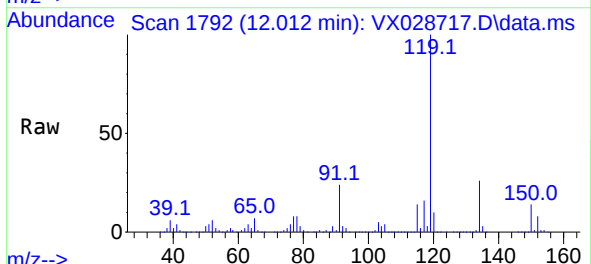
APPROVED

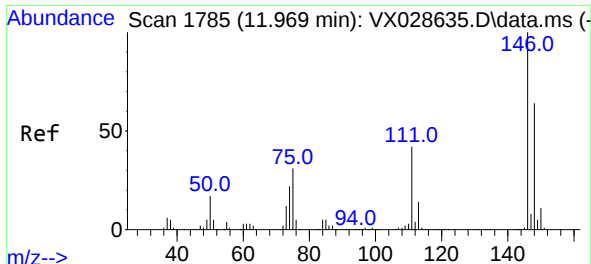
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 51.429 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028717.D
 Acq: 14 May 2022 07:14

Tgt Ion:119 Resp: 526227
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.382 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 280819

Ion Ratio Lower Upper

146 100

111 42.1 19.7 59.1

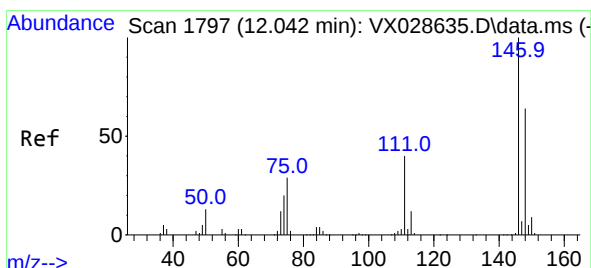
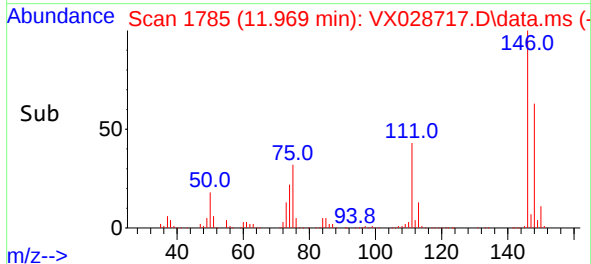
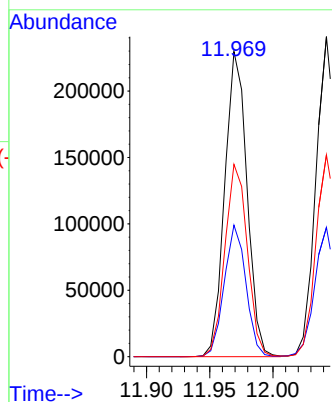
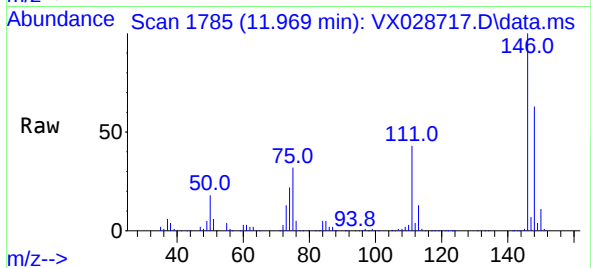
148 63.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 48.339 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028717.D

Acq: 14 May 2022 07:14

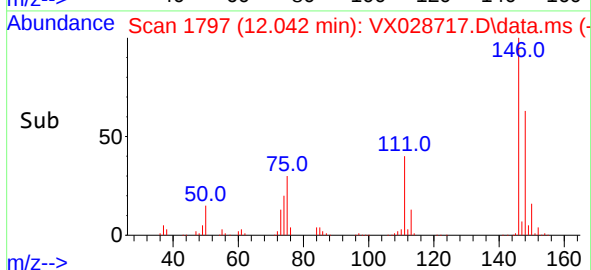
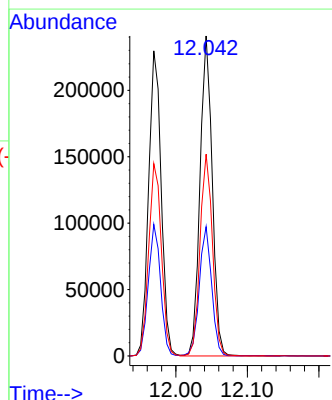
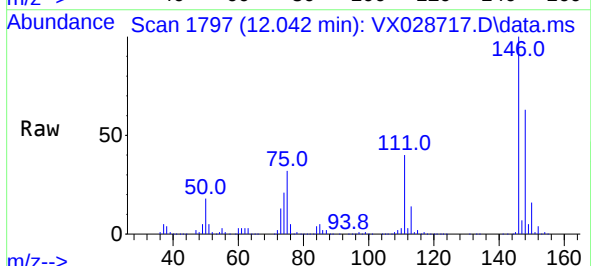
Tgt Ion:146 Resp: 285124

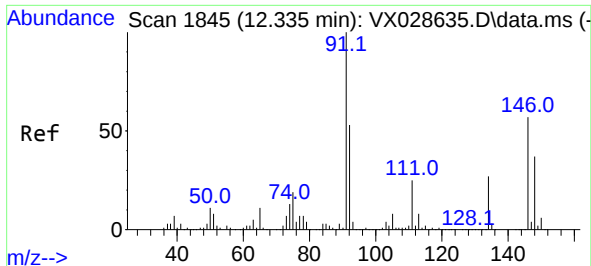
Ion Ratio Lower Upper

146 100

111 40.7 19.2 57.6

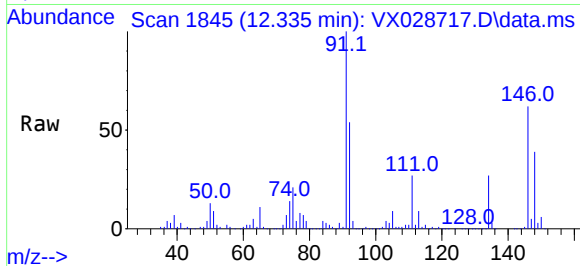
148 63.8 32.3 96.9





#89
n-Butylbenzene
Concen: 49.744 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

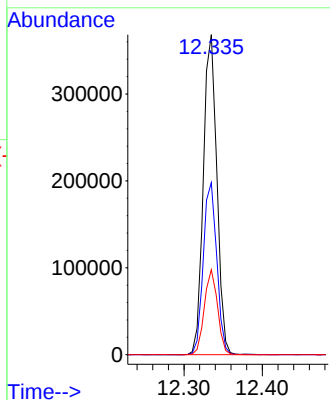
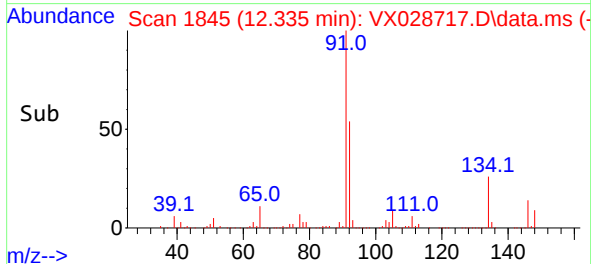
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



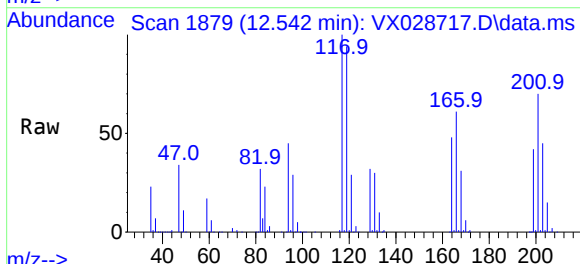
Tgt Ion: 91 Resp: 441004
Ion Ratio Lower Upper
91 100
92 53.8 27.8 83.3
134 25.9 13.3 39.8

Manual Integrations
APPROVED

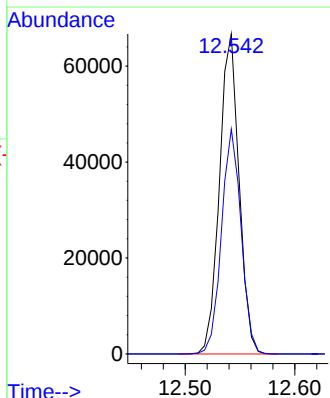
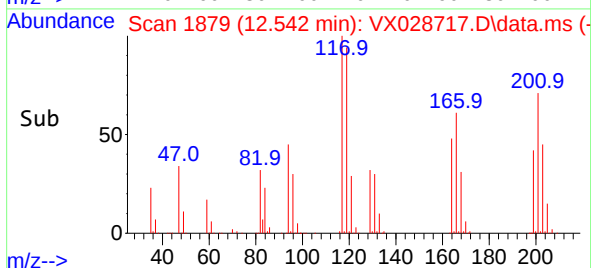
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

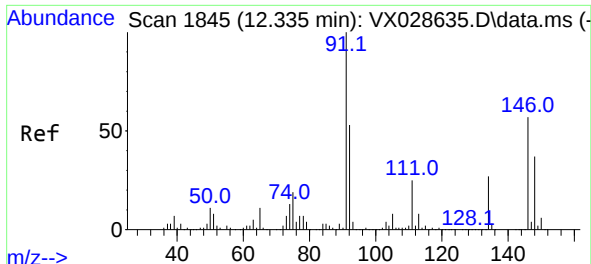


#90
Hexachloroethane
Concen: 50.104 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion:117 Resp: 82906
Ion Ratio Lower Upper
117 100
201 70.2 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 49.836 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

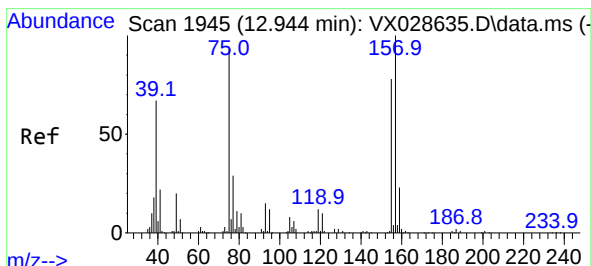
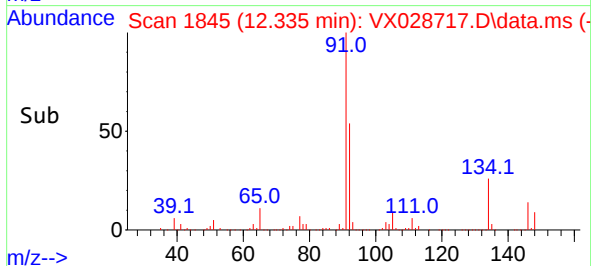
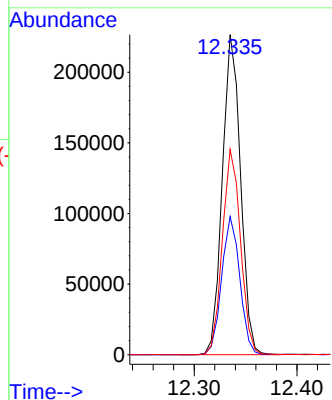
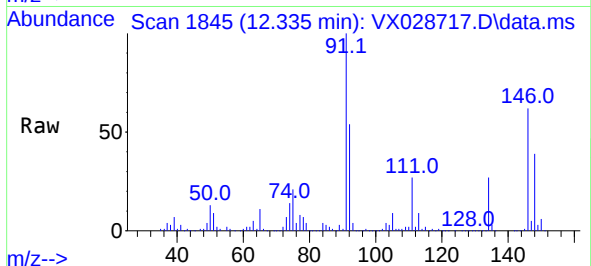
VSTDCCC050EC

Tgt Ion:146 Resp: 27840
Ion Ratio Lower Upper
146 100
111 43.1 21.0 63.0
148 64.1 32.6 97.7

Manual Integrations

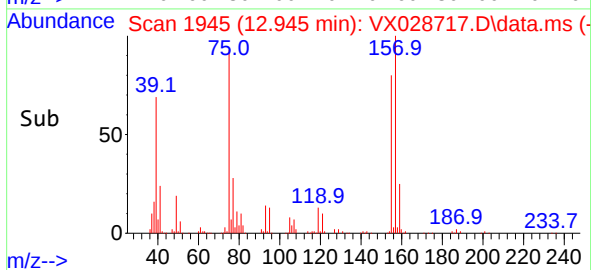
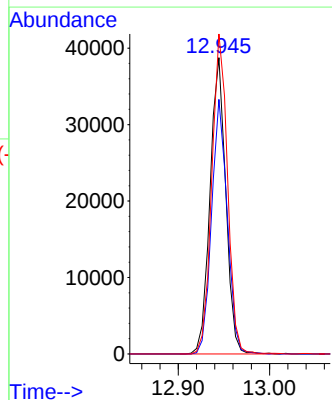
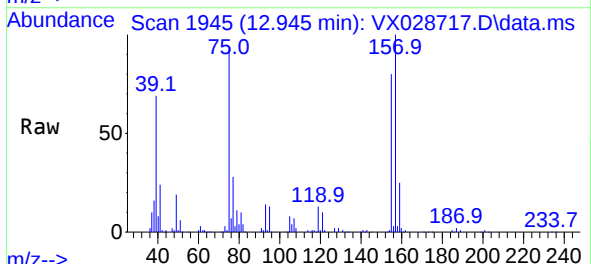
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.463 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Tgt Ion: 75 Resp: 46192
Ion Ratio Lower Upper
75 100
155 85.3 47.0 141.2
157 108.1 57.9 173.6





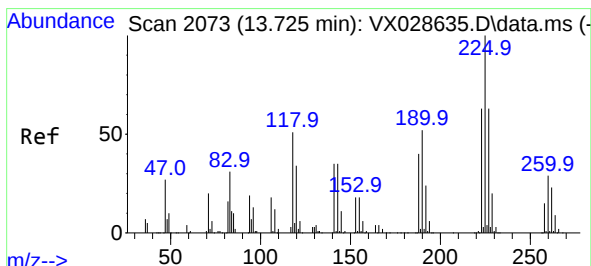
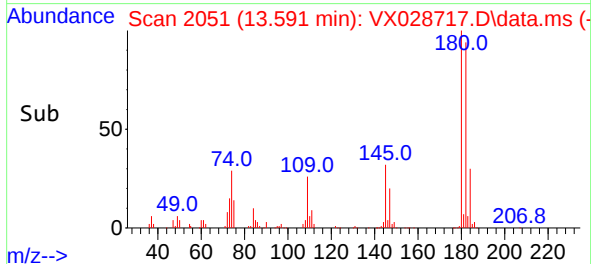
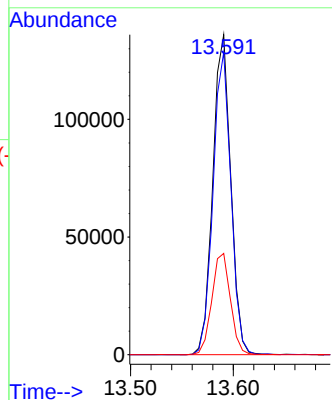
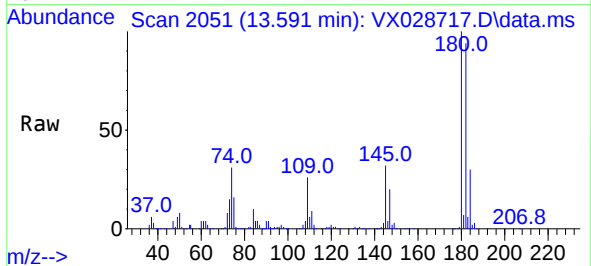
#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 16498
Ion Ratio Lower Upper
180 100
182 93.9 47.7 143.1
145 32.8 15.2 45.5

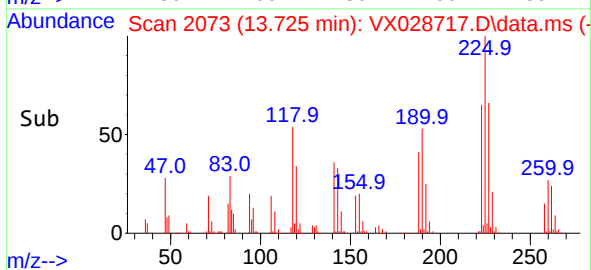
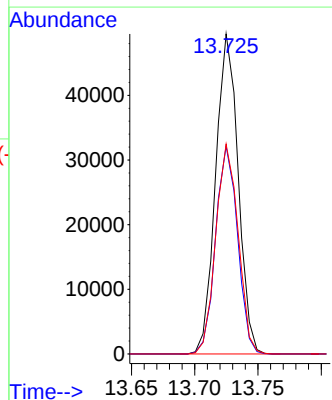
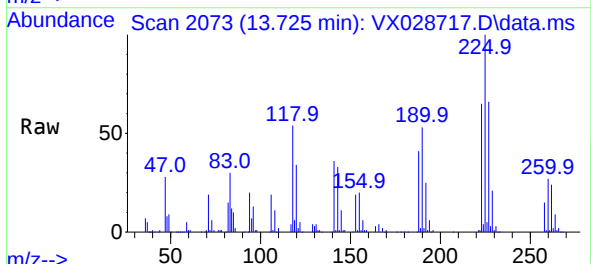
Manual Integrations
APPROVED

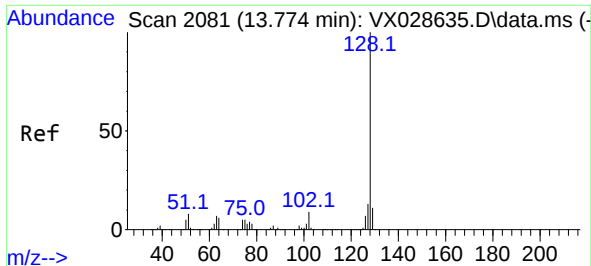
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#94
Hexachlorobutadiene
Concen: 46.668 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

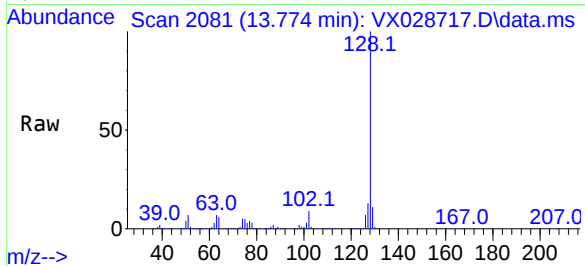
Tgt Ion:225 Resp: 61172
Ion Ratio Lower Upper
225 100
223 63.3 34.2 102.5
227 65.2 33.9 101.7





#95
Naphthalene
Concen: 55.165 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14

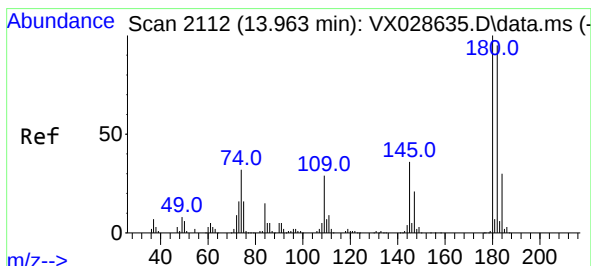
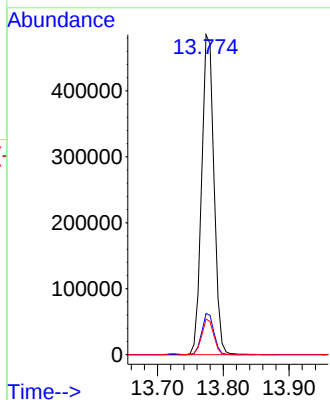
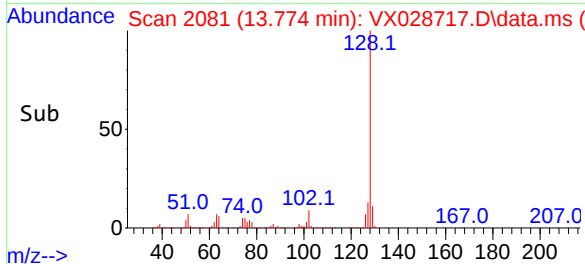
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



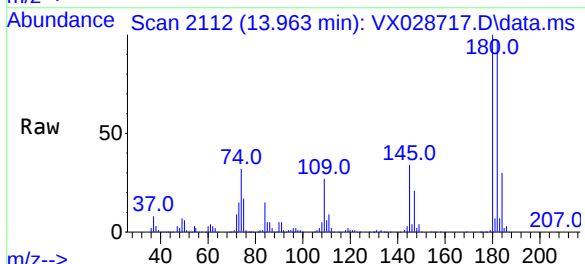
Tgt Ion:128 Resp: 63339
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.379 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028717.D
Acq: 14 May 2022 07:14



Tgt Ion:180 Resp: 166501
Ion Ratio Lower Upper
180 100
182 97.2 50.0 149.8
145 34.6 16.2 48.5

