

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028272.D
 Acq On : 22 Apr 2022 12:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 15:53:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	411175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	619960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	321605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227187	42.376	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.760%		
35) Dibromofluoromethane	5.385	113	215758	49.625	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.260%		
50) Toluene-d8	8.647	98	793173	47.499	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	305425	47.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	188290	70.940	ug/l	99
3) Chloromethane	1.288	50	158842	59.836	ug/l	100
4) Vinyl Chloride	1.374	62	194846	47.006	ug/l	100
5) Bromomethane	1.599	94	198171	54.375	ug/l	99
6) Chloroethane	1.679	64	133450	44.614	ug/l	98
7) Trichlorofluoromethane	1.886	101	362696	39.679	ug/l	97
8) Diethyl Ether	2.130	74	129292	46.885	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	192900	57.934	ug/l	95
10) Methyl Iodide	2.453	142	261794	56.707	ug/l	98
11) Tert butyl alcohol	2.965	59	224523	217.384	ug/l	99
12) 1,1-Dichloroethene	2.319	96	179163	56.698	ug/l	89
13) Acrolein	2.233	56	194327	295.757	ug/l	99
14) Allyl chloride	2.660	41	244353	46.084	ug/l	93
15) Acrylonitrile	3.062	53	493934	226.077	ug/l	99
16) Acetone	2.373	43	475913	290.863	ug/l	97
17) Carbon Disulfide	2.508	76	409600	48.133	ug/l	100
18) Methyl Acetate	2.697	43	217606	45.650	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	626283	47.528	ug/l	99
20) Methylene Chloride	2.788	84	201692	50.703	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	202148	47.039	ug/l	90
22) Diisopropyl ether	3.757	45	525668	43.527	ug/l #	88
23) Vinyl Acetate	3.721	43	2315451	219.456	ug/l	97
24) 1,1-Dichloroethane	3.605	63	329302	46.180	ug/l	98
25) 2-Butanone	4.550	43	696937	219.499	ug/l	98
26) 2,2-Dichloropropane	4.471	77	307386	44.150	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	238507	46.545	ug/l	90
28) Bromochloromethane	4.897	49	127534	41.686	ug/l	82
29) Tetrahydrofuran	4.995	42	422362	204.010	ug/l	97
30) Chloroform	5.093	83	373114	43.569	ug/l	99
31) Cyclohexane	5.471	56	277383	42.467	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	347590	44.823	ug/l	97
36) 1,1-Dichloropropene	5.690	75	269022	47.436	ug/l	96
37) Ethyl Acetate	4.708	43	261080	45.370	ug/l	100
38) Carbon Tetrachloride	5.678	117	311325	48.628	ug/l	99
39) Methylcyclohexane	7.379	83	338997	47.374	ug/l	96
40) Benzene	6.037	78	788749	47.513	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	134617	45.342	ug/l	98
42) 1,2-Dichloroethane	6.086	62	277631	45.053	ug/l	99
43) Isopropyl Acetate	6.336	43	420674	44.918	ug/l	98
44) Trichloroethene	7.123	130	250524	52.040	ug/l	95
45) 1,2-Dichloropropane	7.427	63	189246	46.573	ug/l	96
46) Dibromomethane	7.580	93	152429	47.820	ug/l	96
47) Bromodichloromethane	7.824	83	285853	46.659	ug/l	99
48) Methyl methacrylate	7.690	41	194338	45.197	ug/l	94
49) 1,4-Dioxane	7.659	88	101558	882.897	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1343331	223.518	ug/l	98
52) Toluene	8.720	92	539300	46.760	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	314656	48.327	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	334031	47.775	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	225100	48.036	ug/l	98
56) Ethyl methacrylate	9.116	69	331556	48.811	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	352001	46.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	731244	229.440	ug/l	90
59) 2-Hexanone	9.433	43	1071733	230.213	ug/l	97
60) Dibromochloromethane	9.525	129	250222	48.981	ug/l	95
61) 1,2-Dibromoethane	9.610	107	245412	47.737	ug/l	98
64) Tetrachloroethene	9.275	164	246992	54.606	ug/l	98
65) Chlorobenzene	10.079	112	624368	50.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	237808	51.706	ug/l	98
67) Ethyl Benzene	10.195	91	1050728	50.753	ug/l	95
68) m/p-Xylenes	10.305	106	858953	101.942	ug/l	93
69) o-Xylene	10.640	106	427691	50.911	ug/l	93
70) Styrene	10.659	104	709685	52.145	ug/l	98
71) Bromoform	10.799	173	194639	46.157	ug/l	98
73) Isopropylbenzene	10.963	105	1108197	50.133	ug/l	99
74) N-amyl acetate	10.842	43	378736	49.571	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	343517	47.889	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	312938m	49.442	ug/l	
77) Bromobenzene	11.201	156	299470	52.018	ug/l	85
78) n-propylbenzene	11.305	91	1238310	50.520	ug/l	95
79) 2-Chlorotoluene	11.366	91	740816	48.613	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	948864	50.568	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	104864	49.235	ug/l	95
82) 4-Chlorotoluene	11.457	91	862671	49.144	ug/l	93
83) tert-Butylbenzene	11.719	119	971924	50.726	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	957296	51.323	ug/l	98
85) sec-Butylbenzene	11.890	105	1178141	50.966	ug/l	97
86) p-Isopropyltoluene	12.012	119	1042670	52.284	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	566426	52.363	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	572485	50.404	ug/l	99
89) n-Butylbenzene	12.335	91	849050	51.850	ug/l	97
90) Hexachloroethane	12.542	117	166096	46.423	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	553170	51.477	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	75236	47.162	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	364718	57.064	ug/l	99
94) Hexachlorobutadiene	13.725	225	155727	54.603	ug/l	93
95) Naphthalene	13.780	128	1171002	54.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	352190	56.138	ug/l	97

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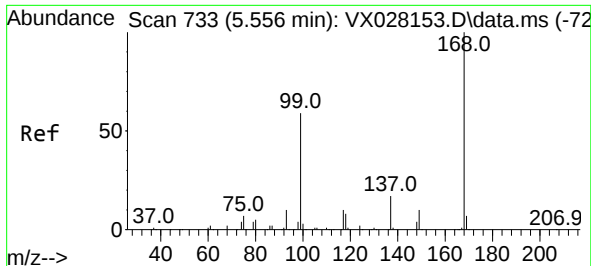
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Response via : Initial Calibration

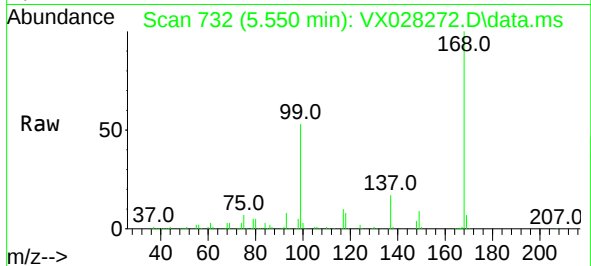
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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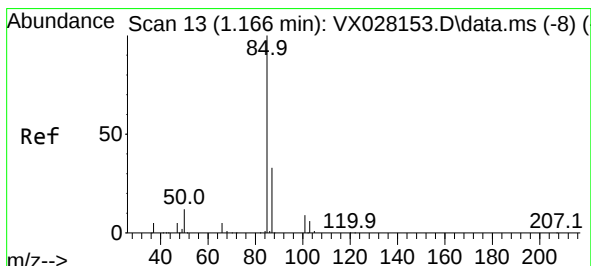
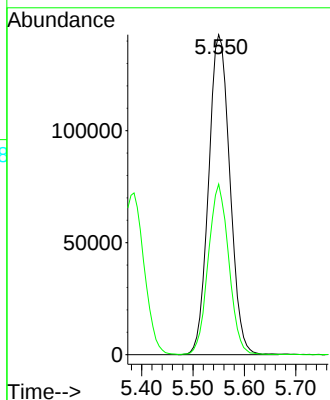
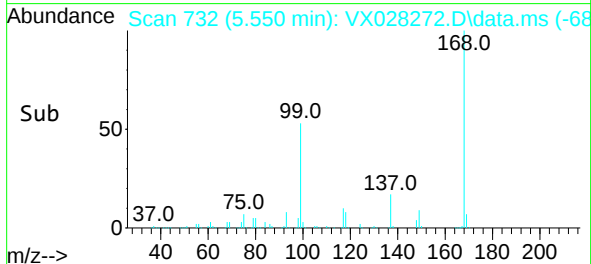
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 41117
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5

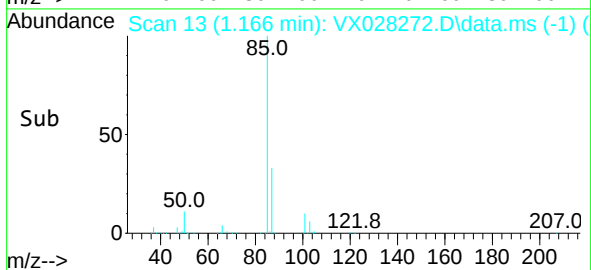
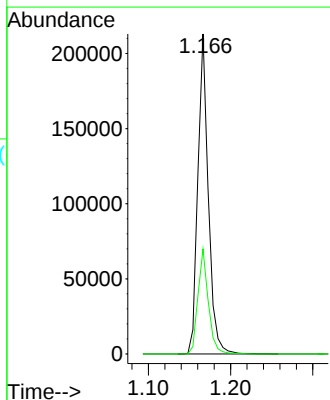
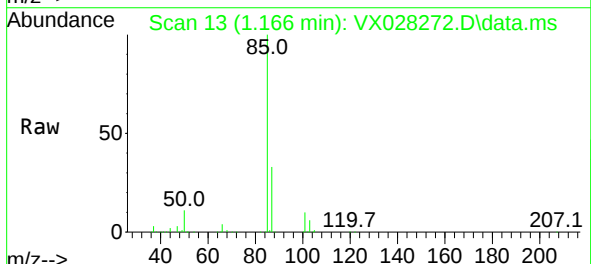
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#2
Dichlorodifluoromethane
Concen: 70.940 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

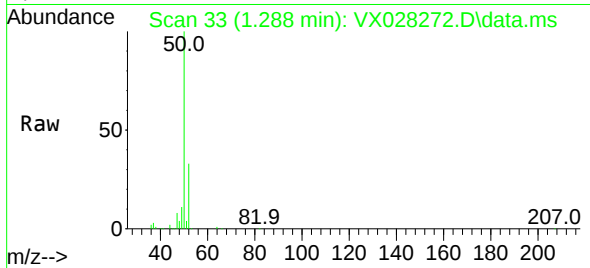
Tgt Ion: 85 Resp: 188290
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 59.836 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

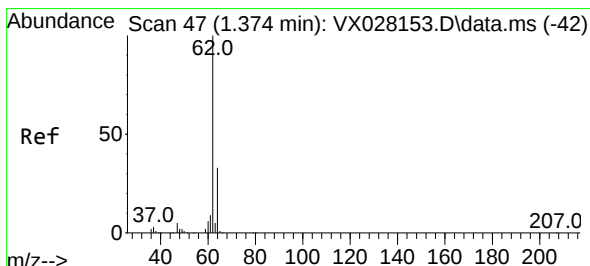
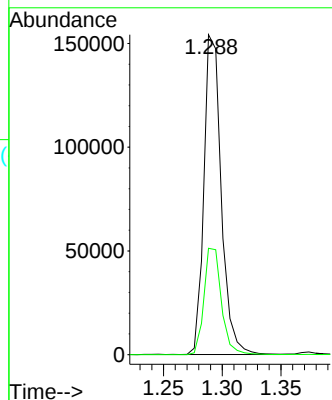
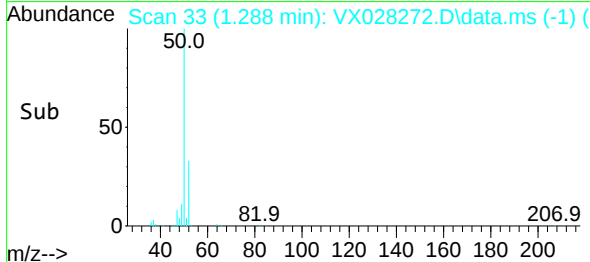
Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 15884
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

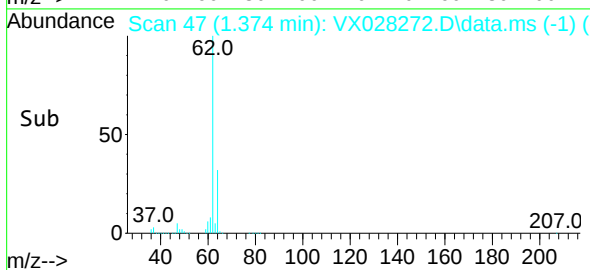
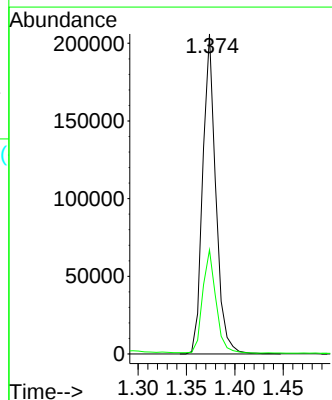
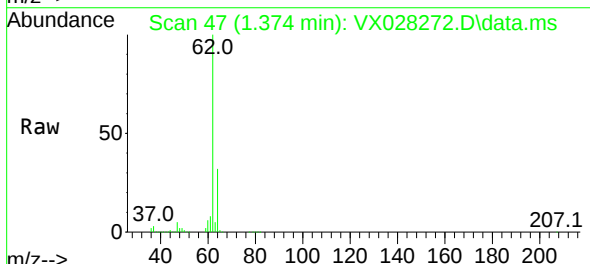
Manual Integrations
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#4
Vinyl Chloride
Concen: 47.006 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

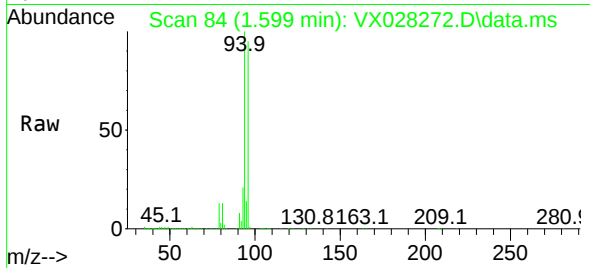
Tgt Ion: 62 Resp: 194846
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3





#5
Bromomethane
Concen: 54.375 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

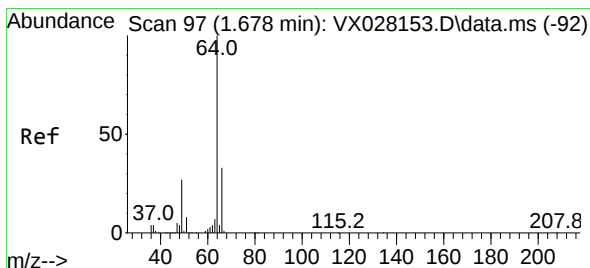
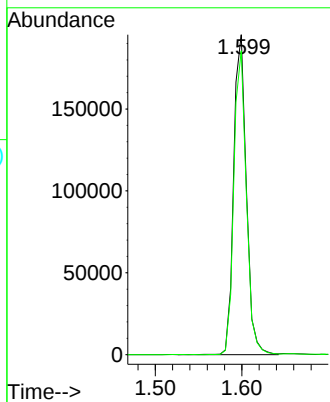
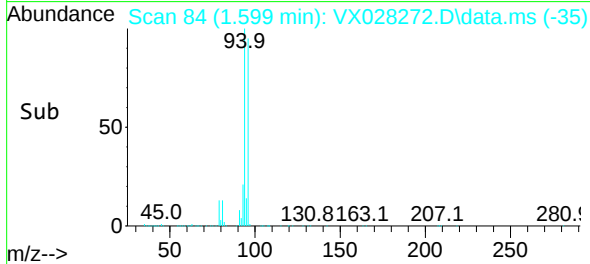
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



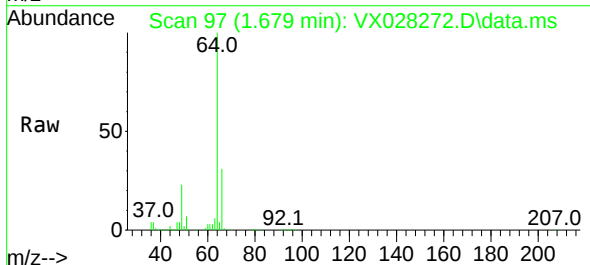
Tgt Ion: 94 Resp: 19817
Ion Ratio Lower Upper
94 100
96 95.0 75.3 112.9

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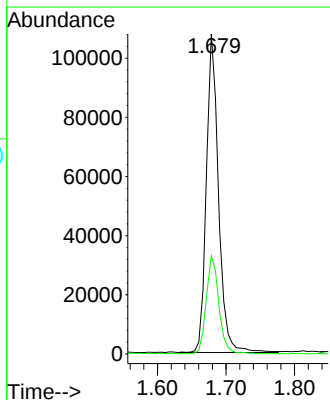
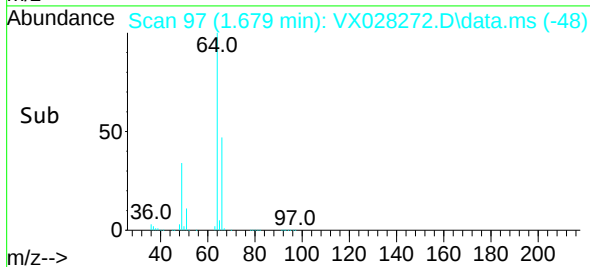
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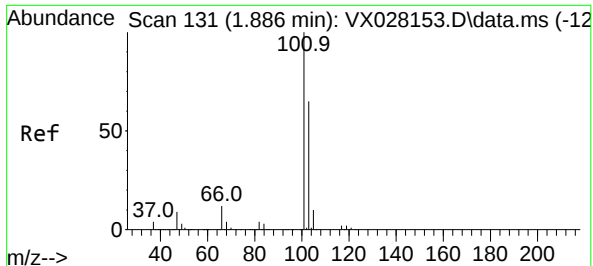


#6
Chloroethane
Concen: 44.614 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



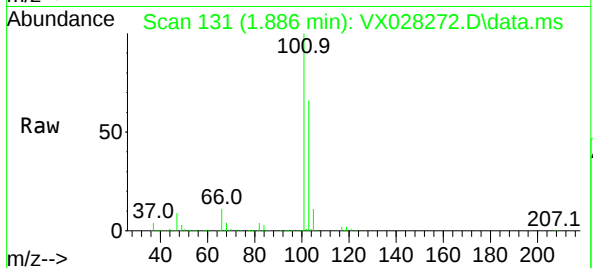
Tgt Ion: 64 Resp: 133450
Ion Ratio Lower Upper
64 100
66 30.7 25.3 37.9





#7
Trichlorofluoromethane
Concen: 39.679 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

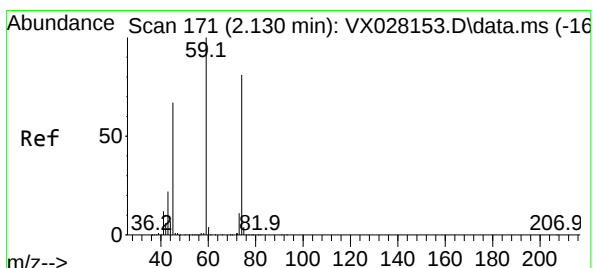
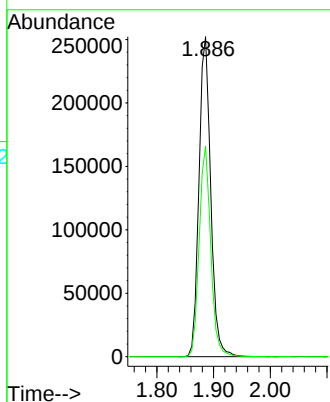
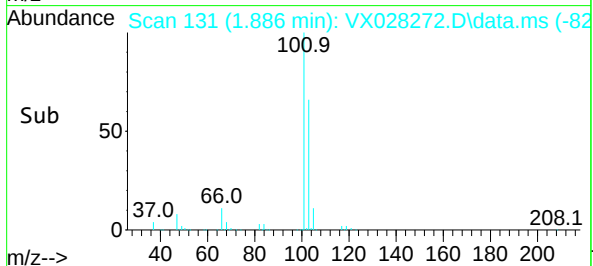
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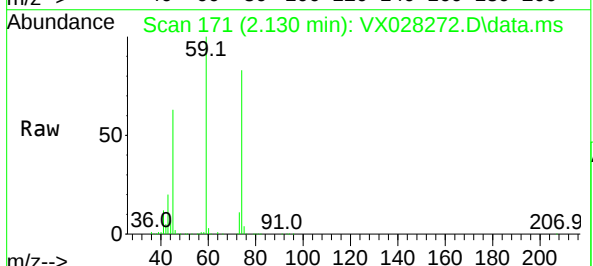
Tgt Ion:101 Resp: 362690
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

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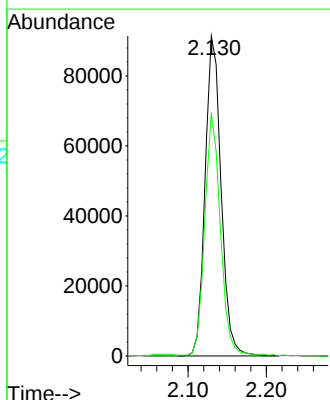
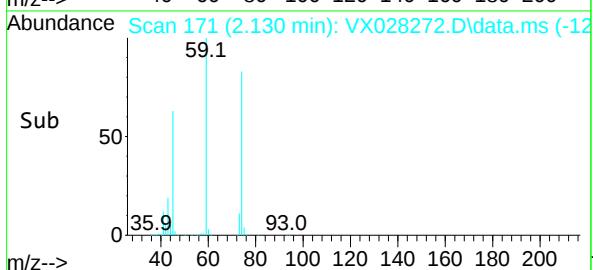
Reviewed By :John Carlone 04/25/2022
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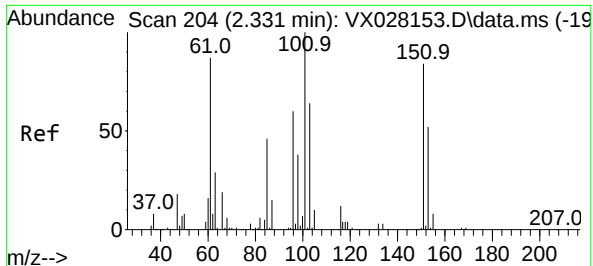


#8
Diethyl Ether
Concen: 46.885 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX028272.D
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Tgt Ion: 74 Resp: 129292
Ion Ratio Lower Upper
74 100
45 73.5 42.0 126.0





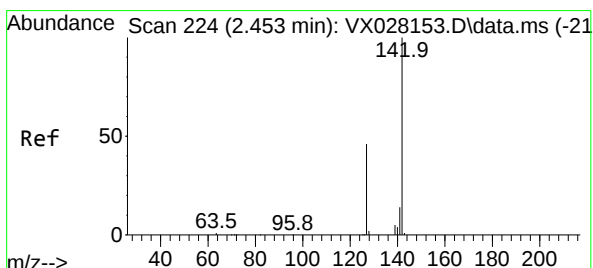
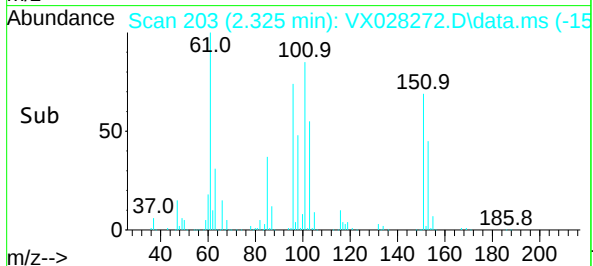
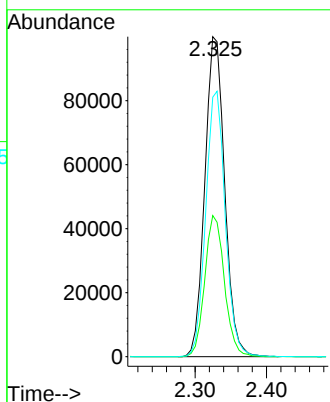
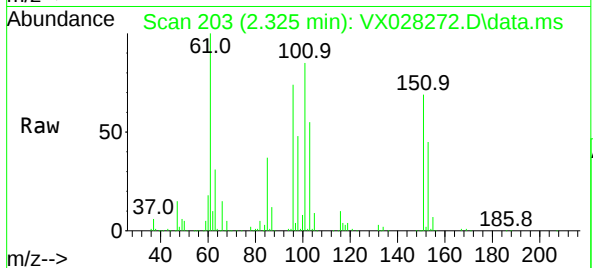
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.934 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX028272.D
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Tgt Ion:101 Resp: 192900
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 81.9 61.8 92.6

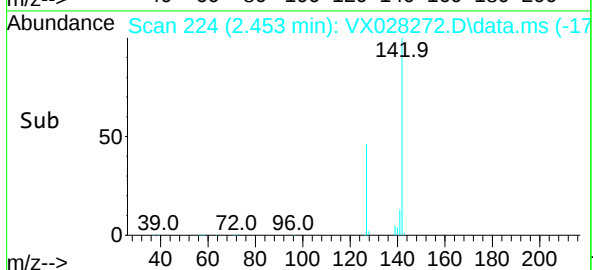
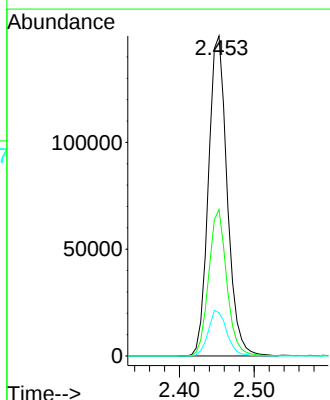
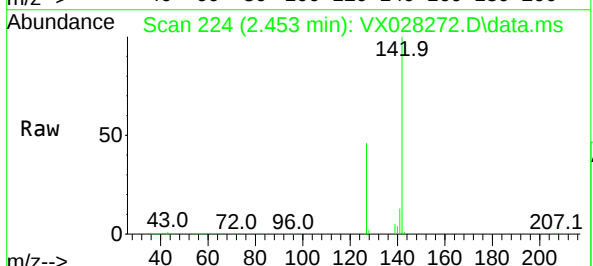
Manual Integrations
APPROVED

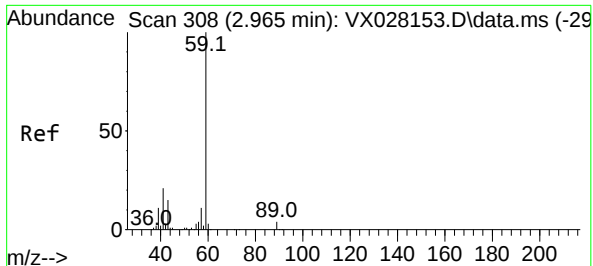
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#10
Methyl Iodide
Concen: 56.707 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

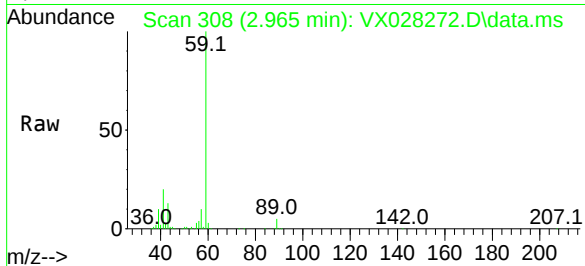
Tgt Ion:142 Resp: 261794
Ion Ratio Lower Upper
142 100
127 44.2 33.9 50.9
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 217.384 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

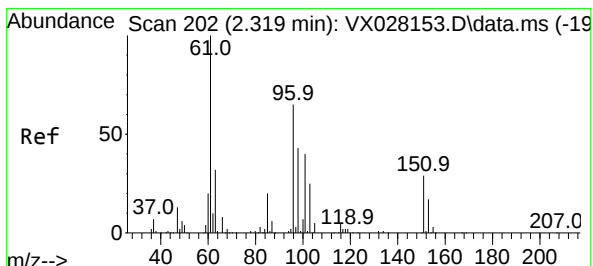
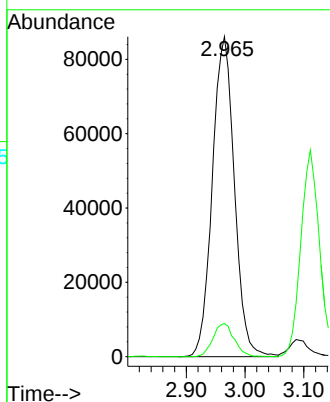
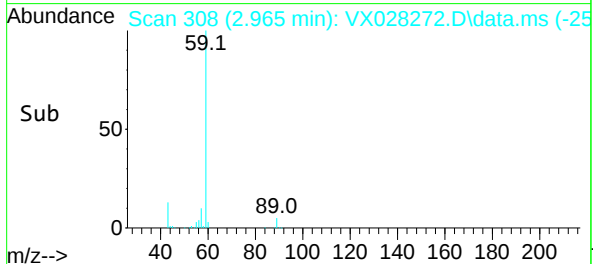
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



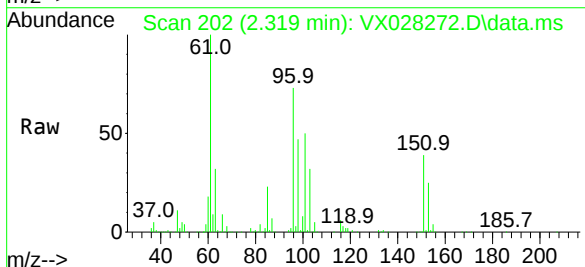
Tgt Ion: 59 Resp: 22452
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

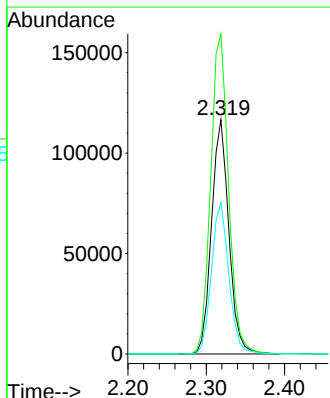
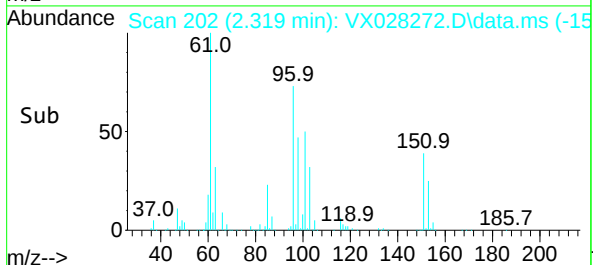
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#12
1,1-Dichloroethene
Concen: 56.698 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



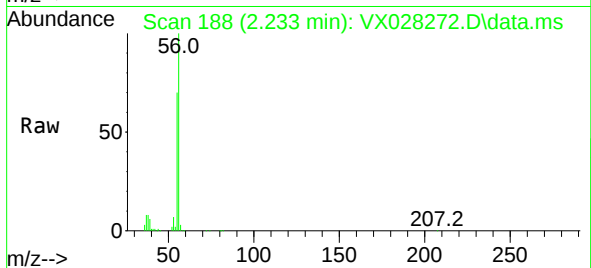
Tgt Ion: 96 Resp: 179163
Ion Ratio Lower Upper
96 100
61 136.6 124.6 187.0
98 64.8 51.0 76.4





#13
Acrolein
Concen: 295.757 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

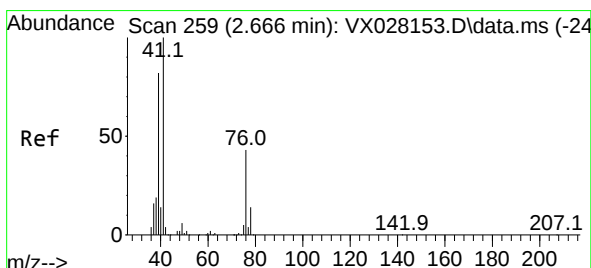
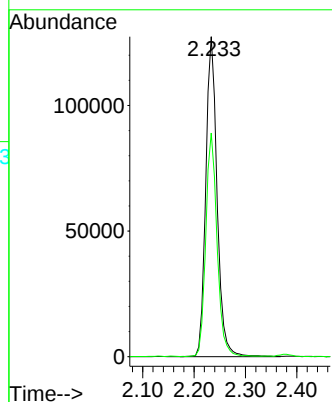
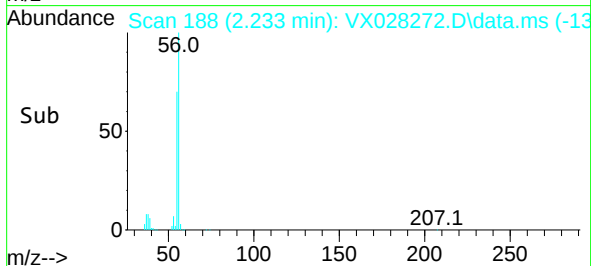
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 194327
Ion Ratio Lower Upper
56 100
55 69.6 55.0 82.6

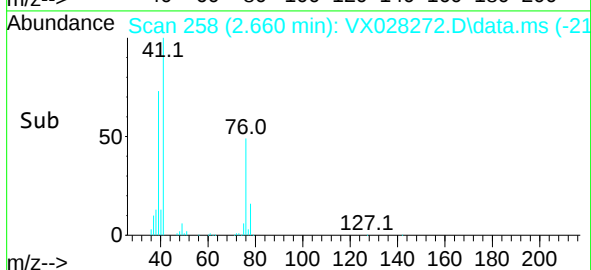
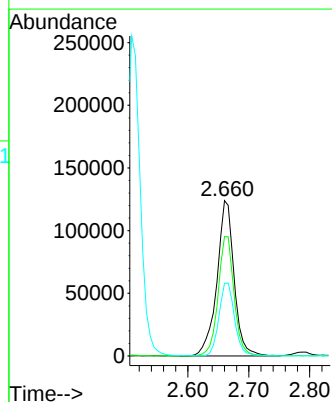
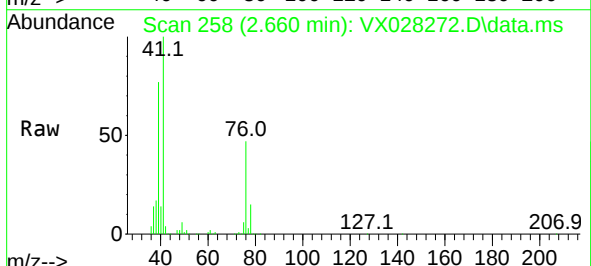
Manual Integrations
APPROVED

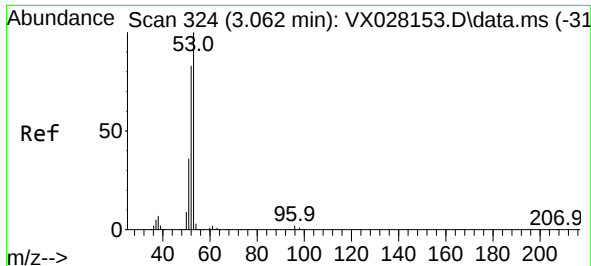
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#14
Allyl chloride
Concen: 46.084 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

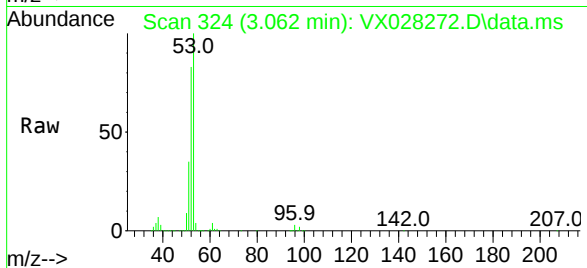
Tgt Ion: 41 Resp: 244353
Ion Ratio Lower Upper
41 100
39 71.1 50.4 75.6
76 42.4 32.7 49.1





#15
Acrylonitrile
Concen: 226.077 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

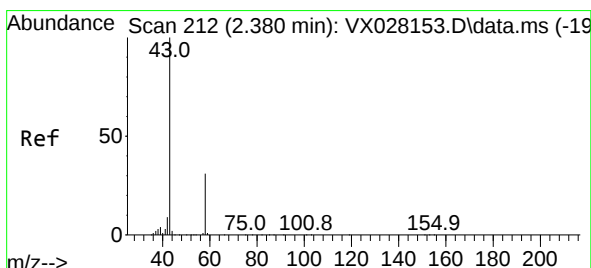
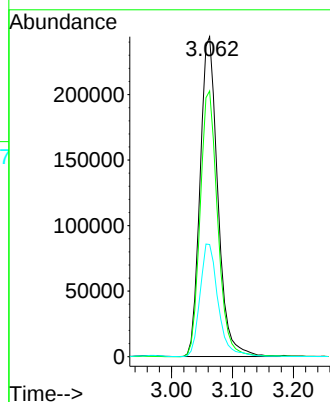
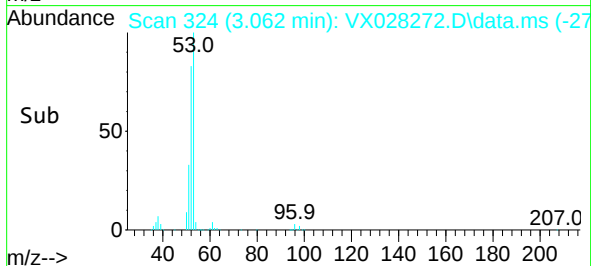
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



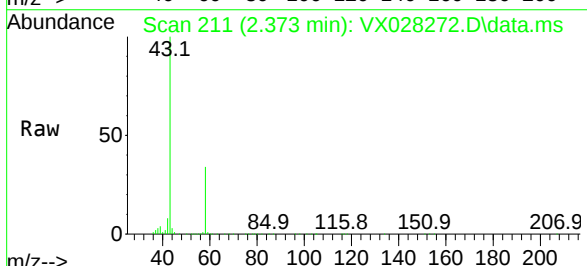
Tgt Ion: 53 Resp: 493934
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 36.0 28.4 42.6

Manual Integrations
APPROVED

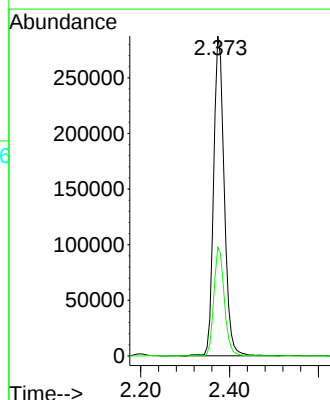
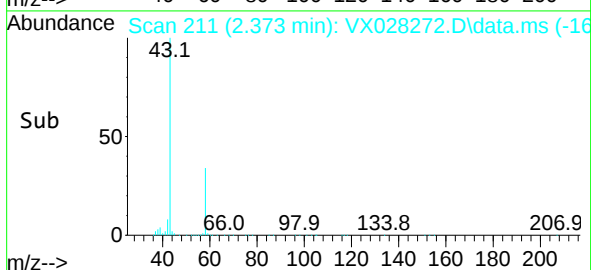
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

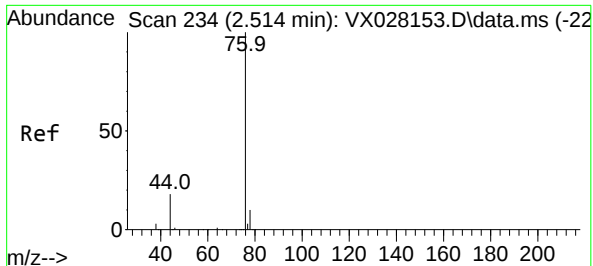


#16
Acetone
Concen: 290.863 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion: 43 Resp: 475913
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2





#17

Carbon Disulfide

Concen: 48.133 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 409600

Ion Ratio Lower Upper

76 100

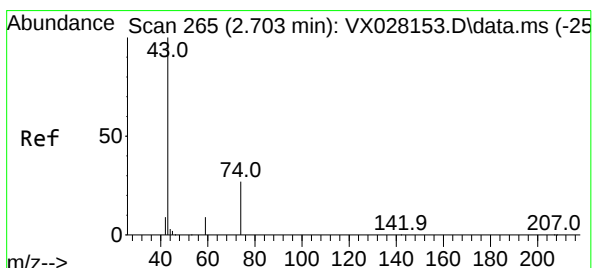
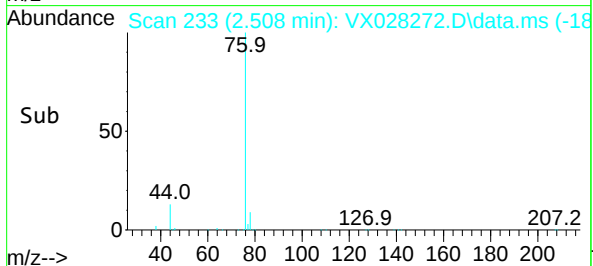
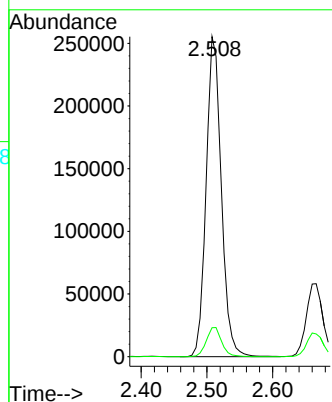
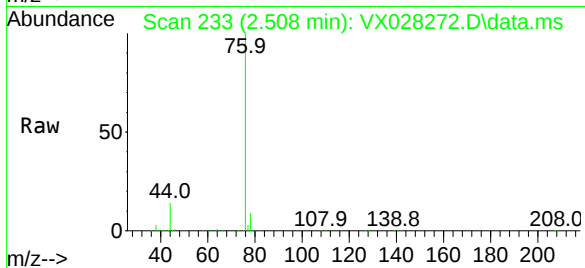
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#18

Methyl Acetate

Concen: 45.650 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX028272.D

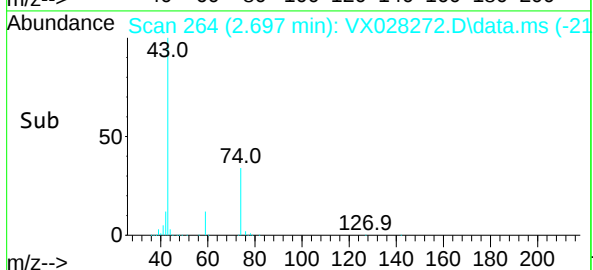
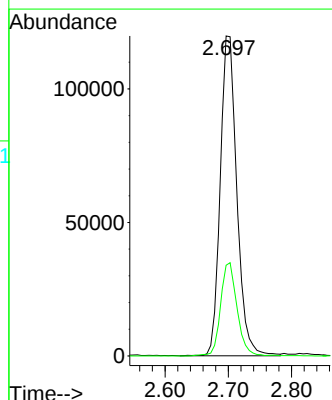
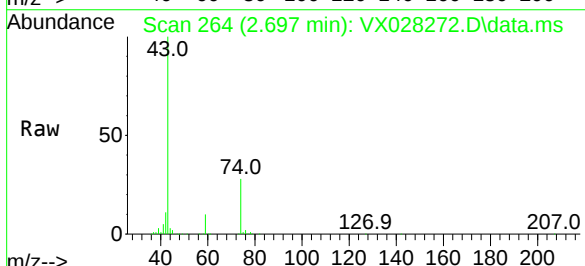
Acq: 22 Apr 2022 12:14

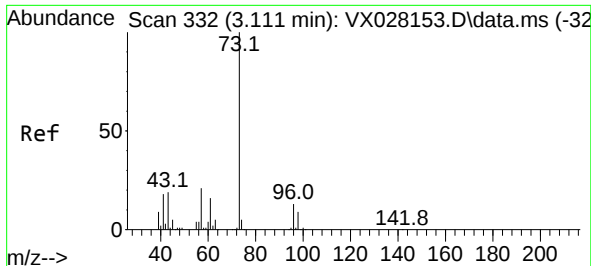
Tgt Ion: 43 Resp: 217606

Ion Ratio Lower Upper

43 100

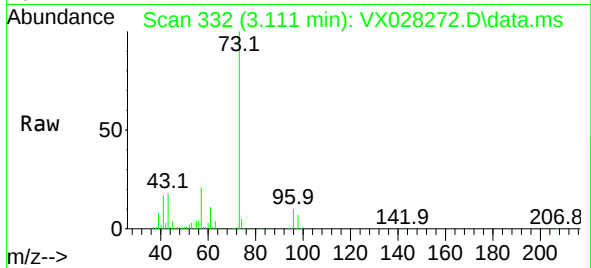
74 28.8 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 47.528 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

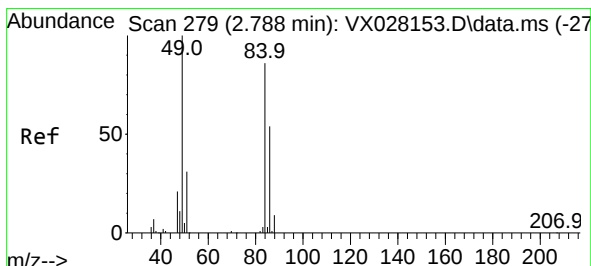
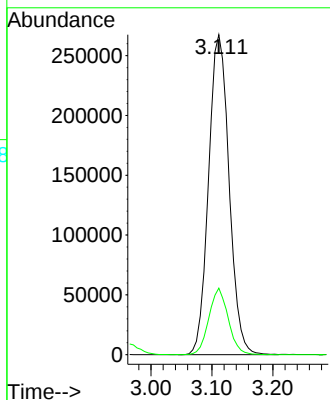
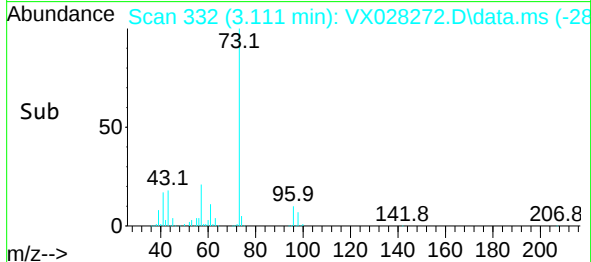
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



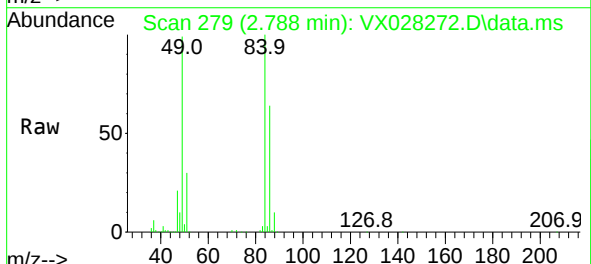
Tgt Ion: 73 Resp: 62628
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

Manual Integrations
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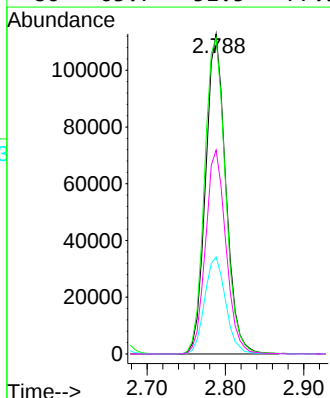
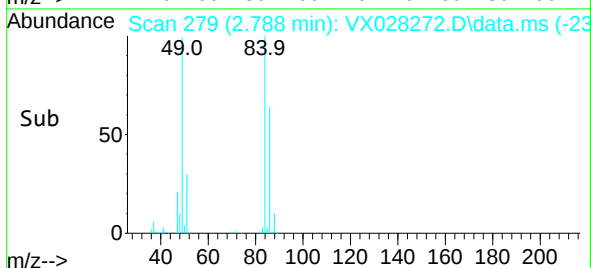
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

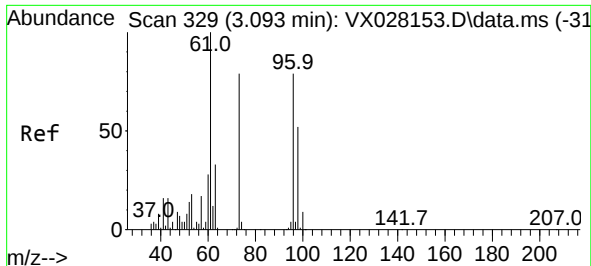


#20
Methylene Chloride
Concen: 50.703 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



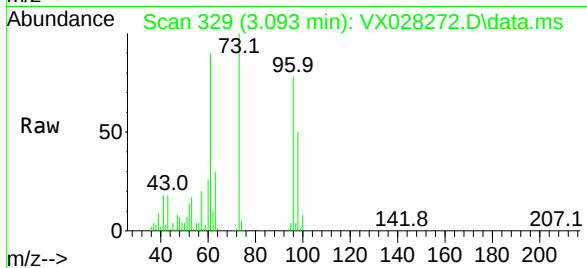
Tgt Ion: 84 Resp: 201692
Ion Ratio Lower Upper
84 100
49 98.8 85.5 128.3
51 30.3 26.6 39.8
86 63.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.039 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

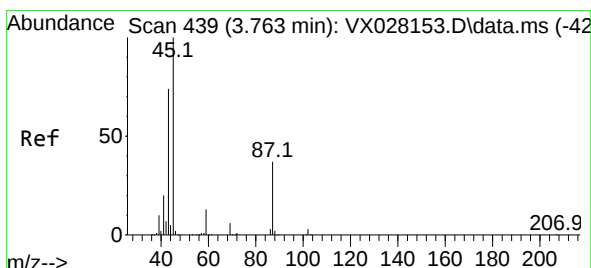
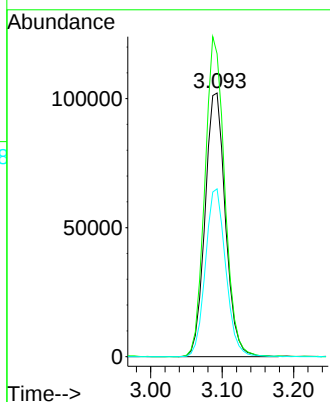
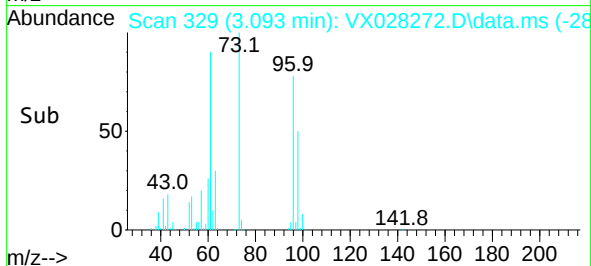
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



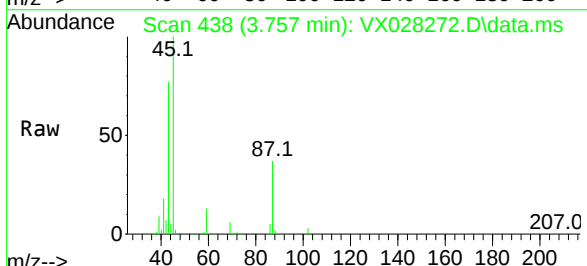
Tgt Ion: 96 Resp: 202148
Ion Ratio Lower Upper
96 100
61 114.8 105.4 158.2
98 63.6 50.0 75.0

Manual Integrations
APPROVED

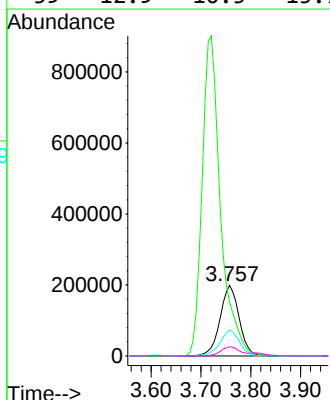
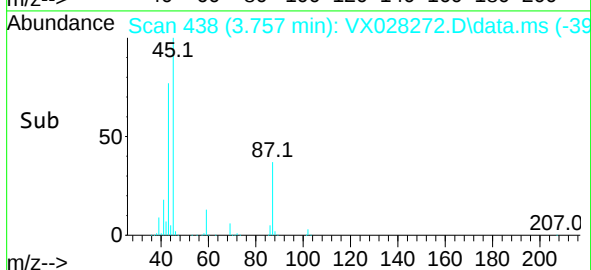
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

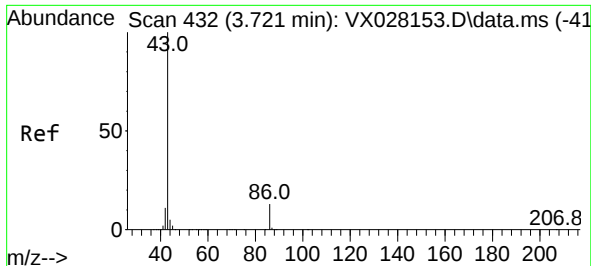


#22
Diisopropyl ether
Concen: 43.527 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



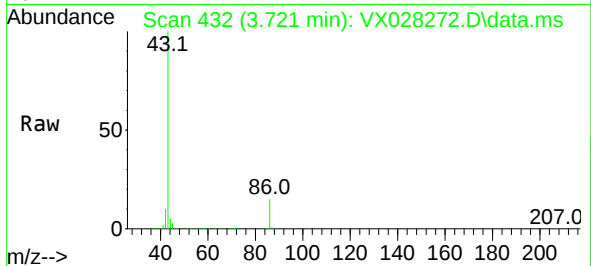
Tgt Ion: 45 Resp: 525668
Ion Ratio Lower Upper
45 100
43 76.6 50.8 76.2#
87 36.7 26.6 39.8
59 12.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 219.456 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028272.D
 Acq: 22 Apr 2022 12:14

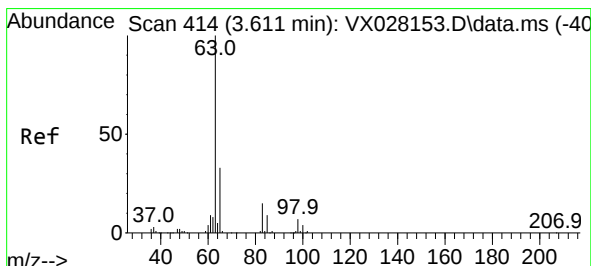
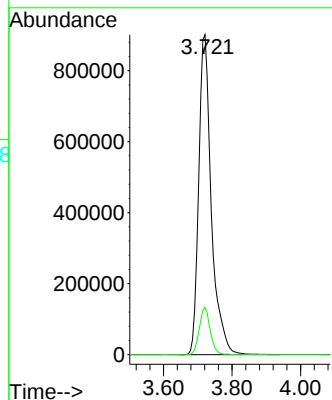
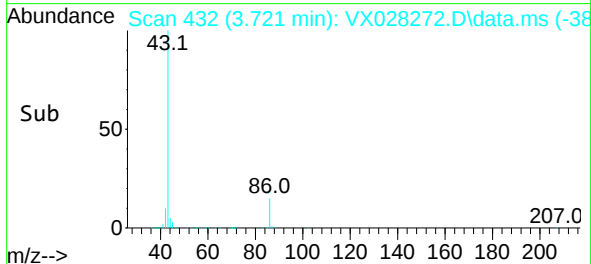
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 231545
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.8 16.2

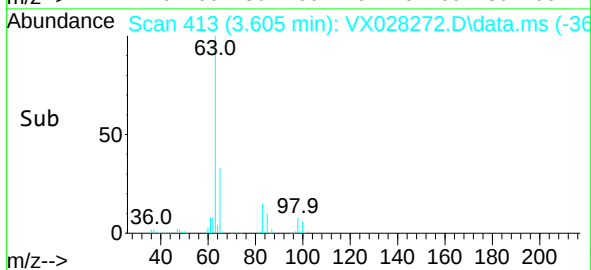
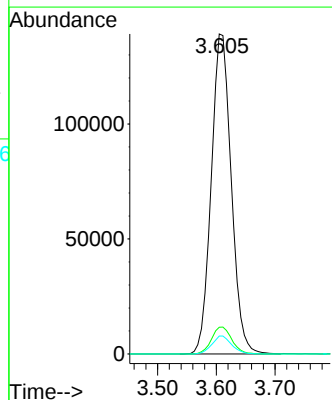
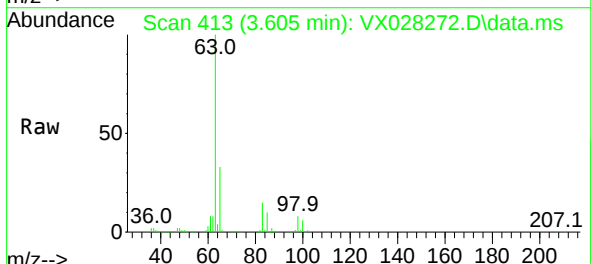
Manual Integrations
 APPROVED

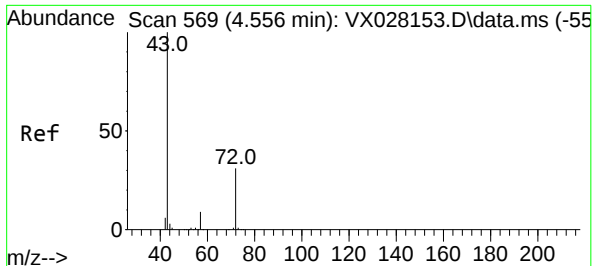
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022



#24
 1,1-Dichloroethane
 Concen: 46.180 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX028272.D
 Acq: 22 Apr 2022 12:14

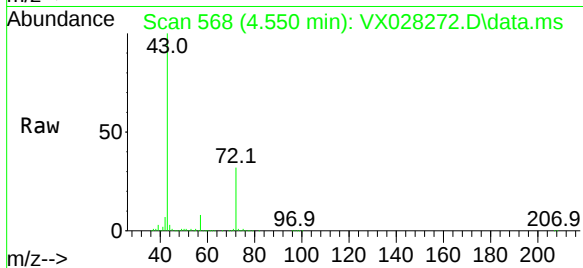
Tgt Ion: 63 Resp: 329302
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.6 2.4 7.2





#25
2-Butanone
Concen: 219.499 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

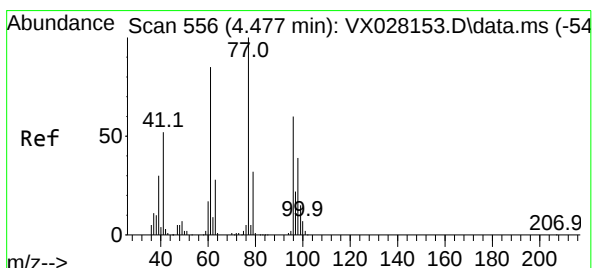
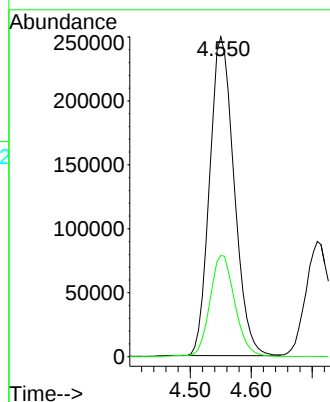
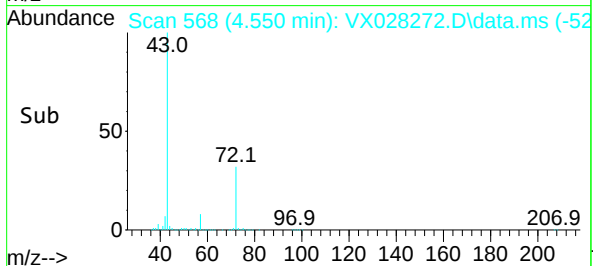
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 69693
Ion Ratio Lower Upper
43 100
72 31.6 24.4 36.6

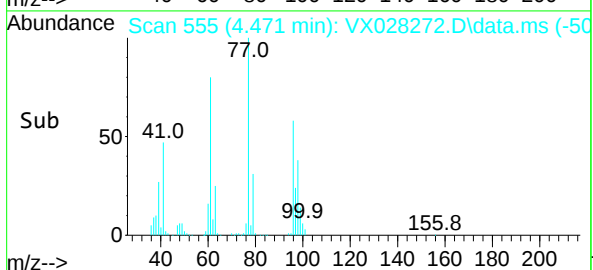
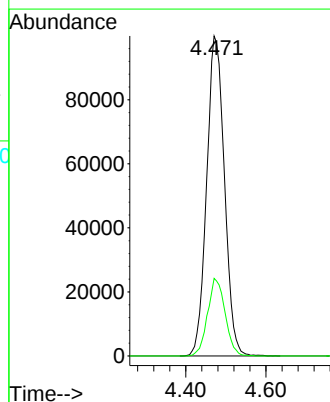
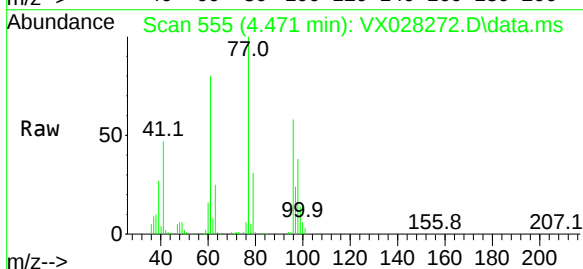
Manual Integrations
APPROVED

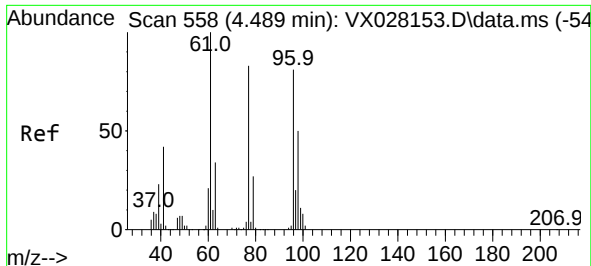
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#26
2,2-Dichloropropane
Concen: 44.150 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

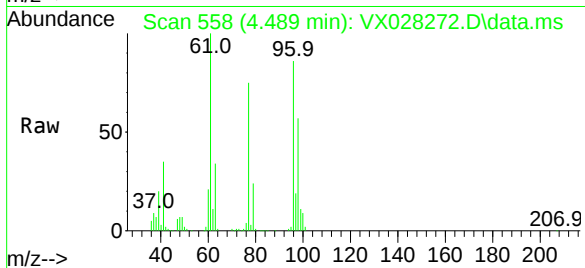
Tgt Ion: 77 Resp: 307386
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 46.545 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

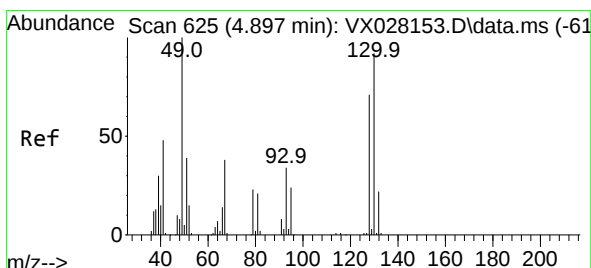
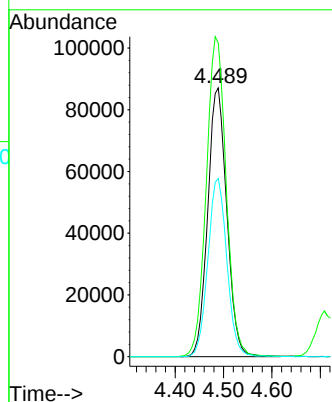
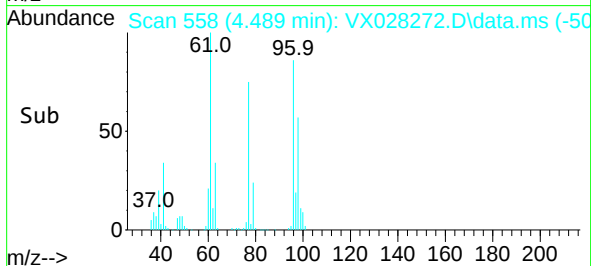
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



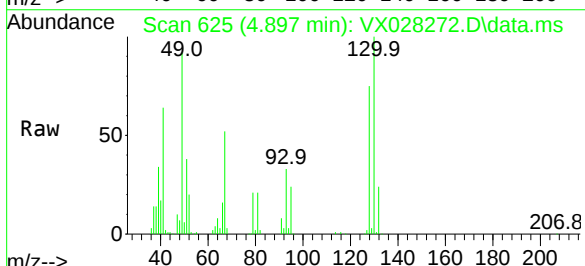
Tgt Ion: 96 Resp: 23850
Ion Ratio Lower Upper
96 100
61 124.5 0.0 283.8
98 65.9 0.0 129.8

Manual Integrations
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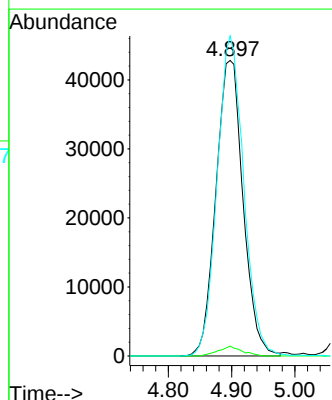
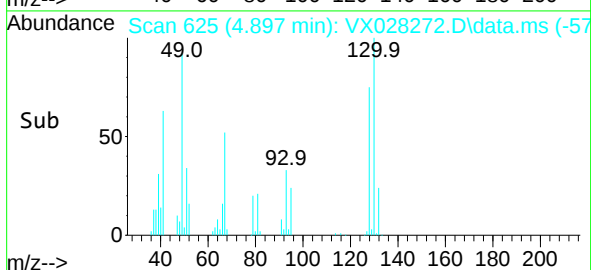
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

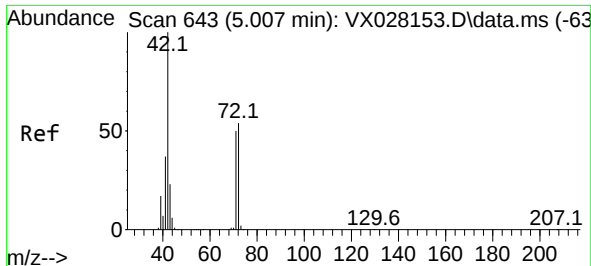


#28
Bromochloromethane
Concen: 41.686 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion: 49 Resp: 127534
Ion Ratio Lower Upper
49 100
129 2.9 0.0 4.4
130 105.7 70.7 106.1





#29

Tetrahydrofuran

Concen: 204.010 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 422362

Ion Ratio Lower Upper

42 100

72 56.9 44.1 66.1

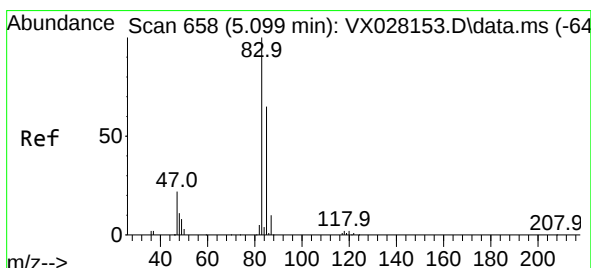
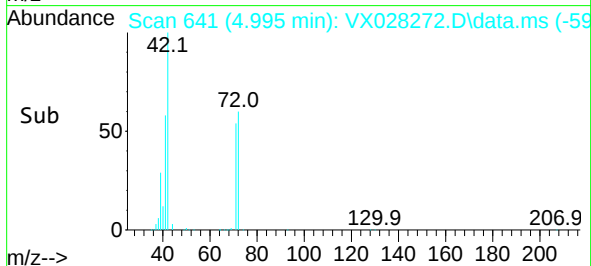
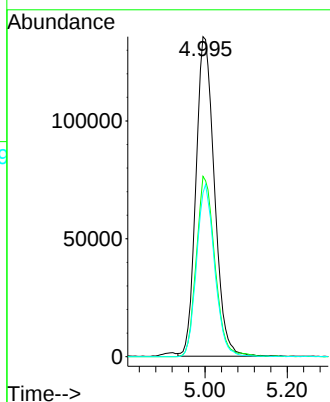
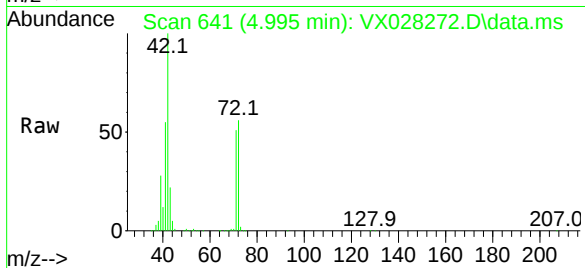
71 52.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#30

Chloroform

Concen: 43.569 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX028272.D

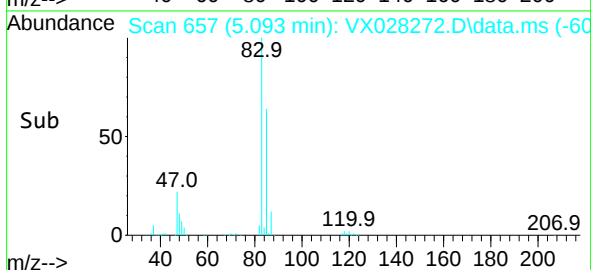
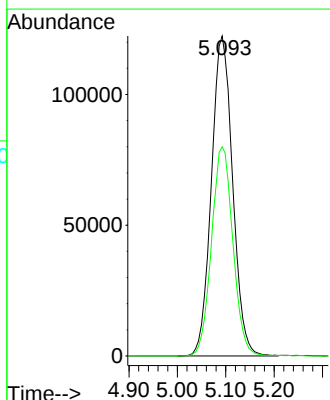
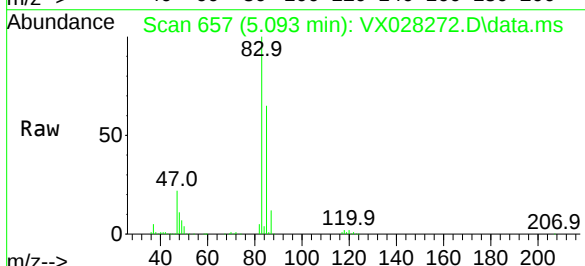
Acq: 22 Apr 2022 12:14

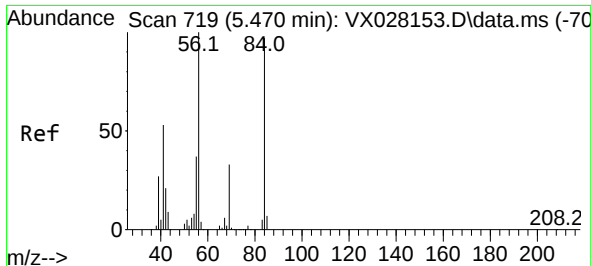
Tgt Ion: 83 Resp: 373114

Ion Ratio Lower Upper

83 100

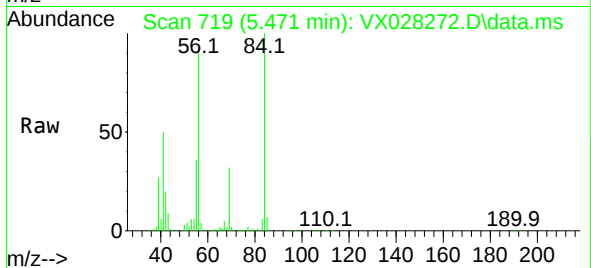
85 65.4 52.7 79.1





#31
Cyclohexane
Concen: 42.467 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

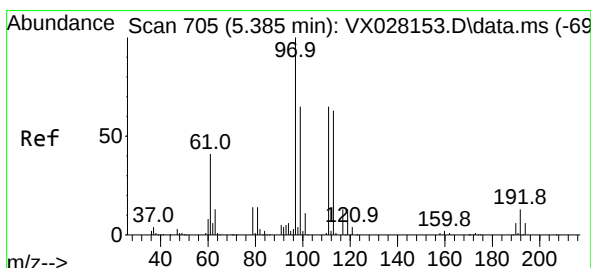
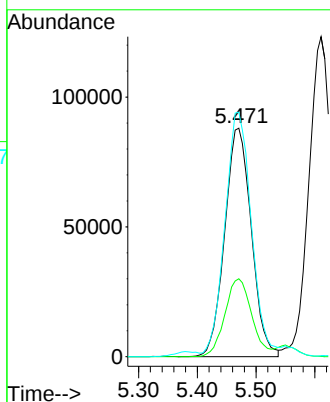
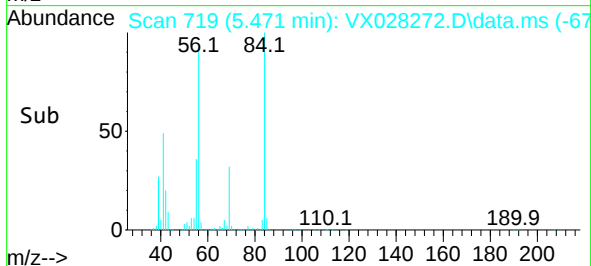
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 27738
Ion Ratio Lower Upper
56 100
69 34.1 26.7 40.1
84 105.5 77.2 115.8

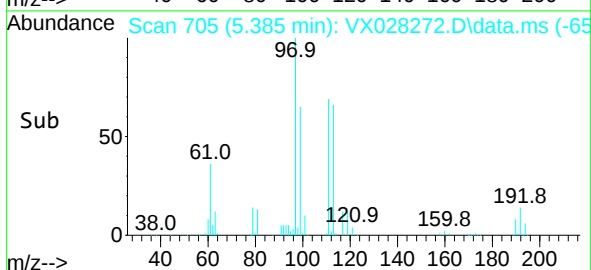
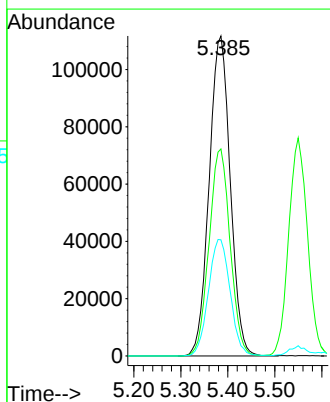
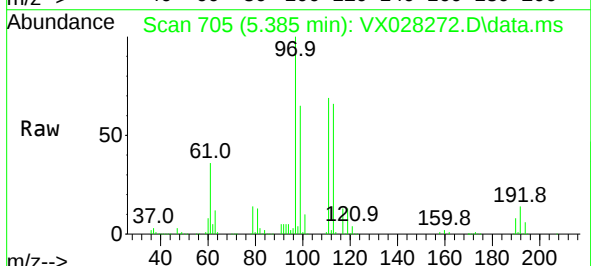
Manual Integrations
APPROVED

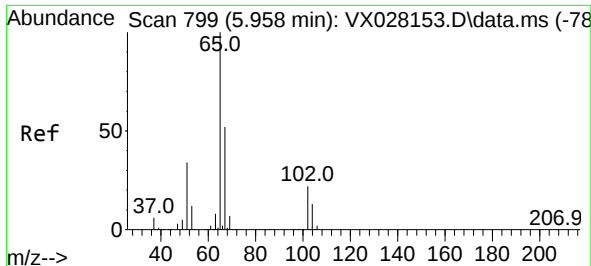
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#32
1,1,1-Trichloroethane
Concen: 44.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Tgt Ion: 97 Resp: 347590
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 37.6 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 42.376 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22718

Ion Ratio Lower Upper

65 100

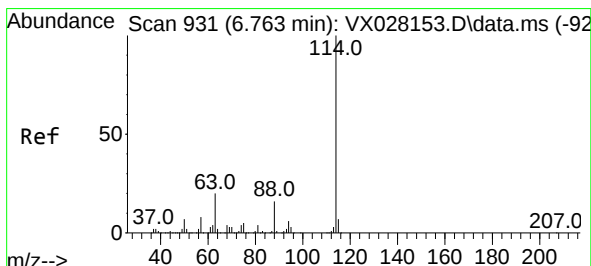
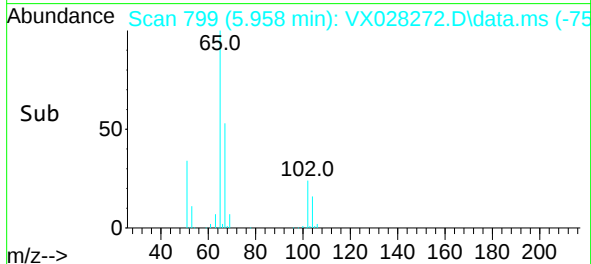
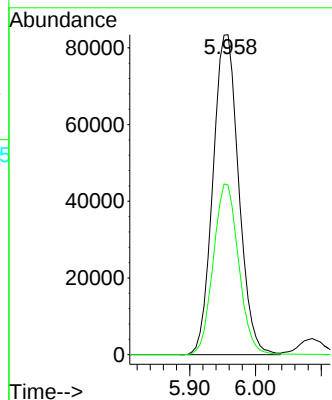
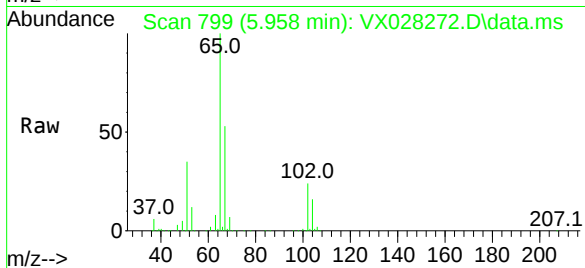
67 52.5 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

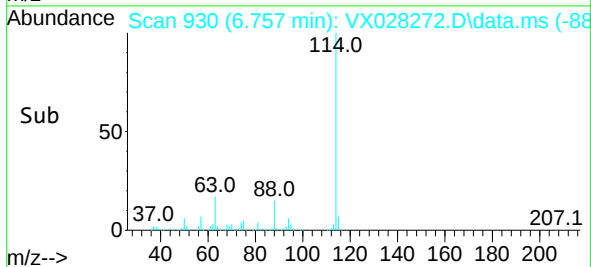
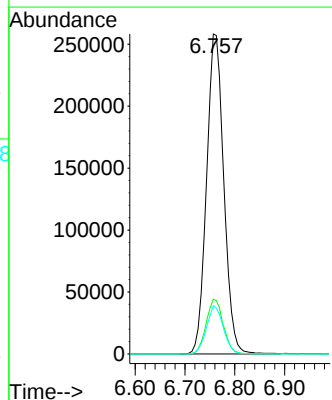
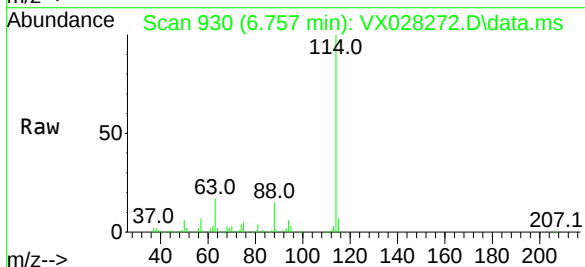
Tgt Ion:114 Resp: 619960

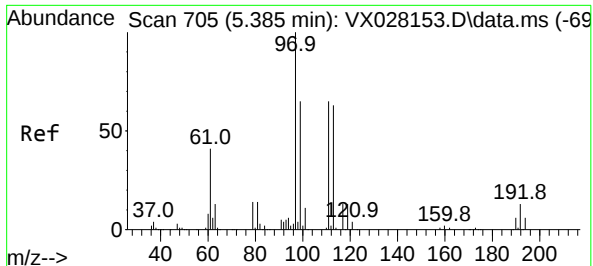
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.8

88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.625 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 215758

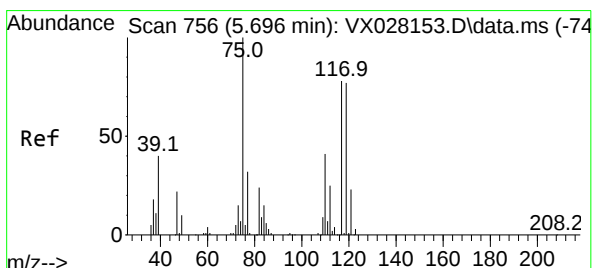
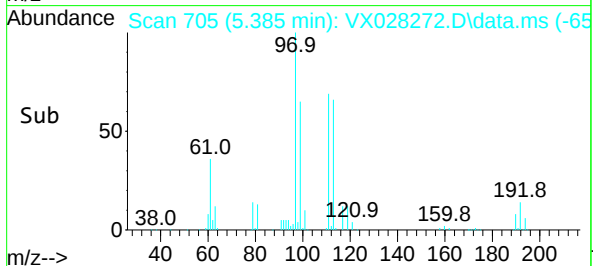
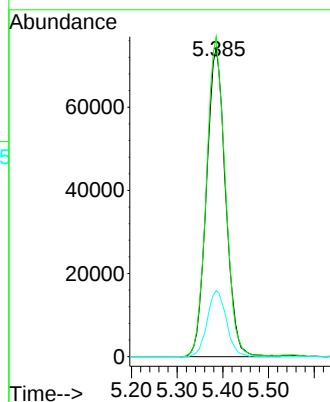
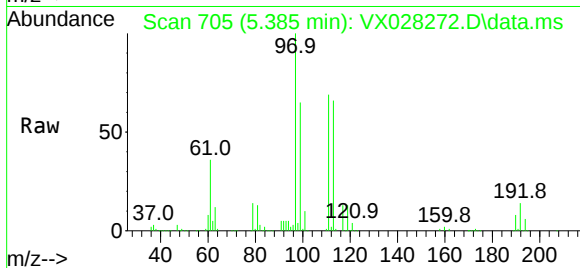
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	21.5	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#36

1,1-Dichloropropene

Concen: 47.436 ug/l

RT: 5.690 min Scan# 755

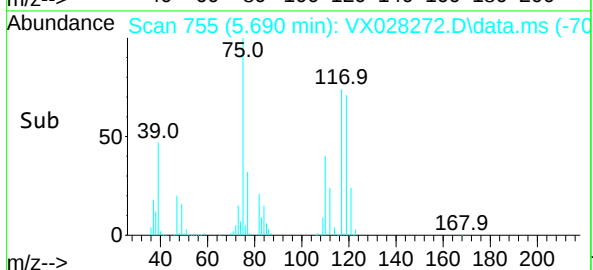
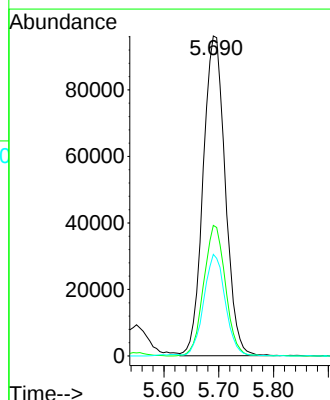
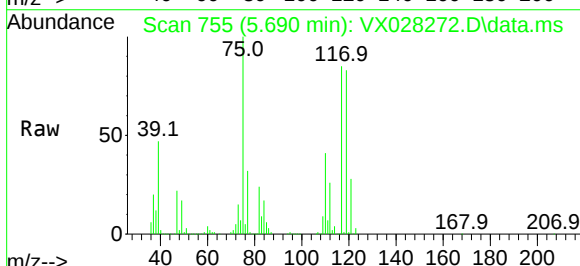
Delta R.T. -0.006 min

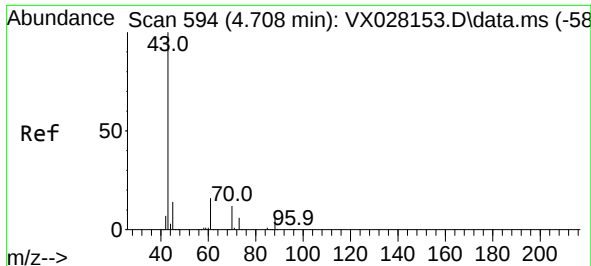
Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Tgt Ion: 75 Resp: 269022

Ion	Ratio	Lower	Upper
75	100		
110	40.1	18.3	54.8
77	30.8	24.8	37.2





#37

Ethyl Acetate

Concen: 45.370 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX028272.D

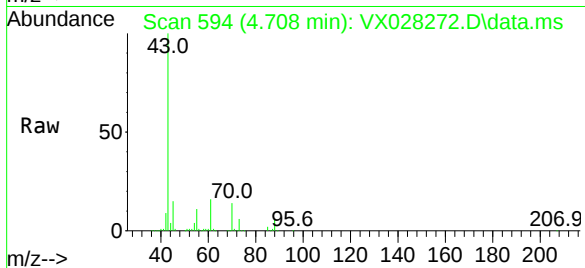
Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 261080

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

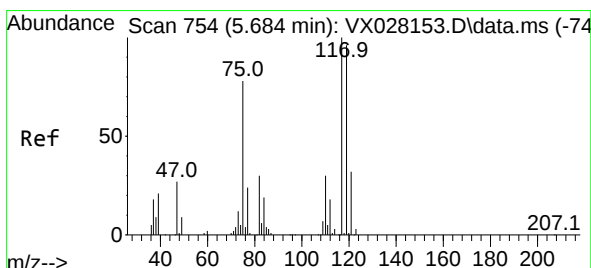
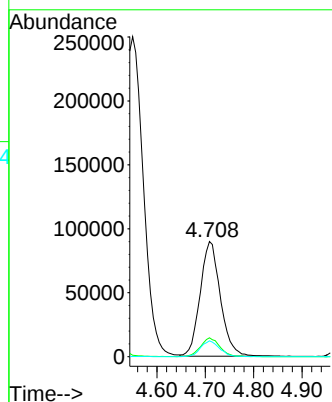
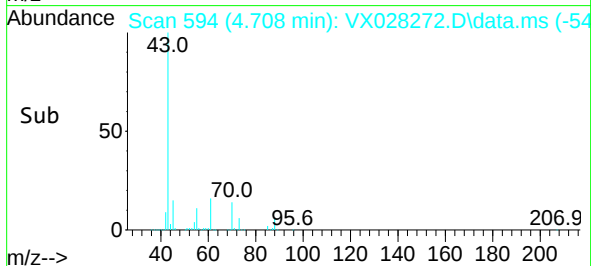
70 12.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#38

Carbon Tetrachloride

Concen: 48.628 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

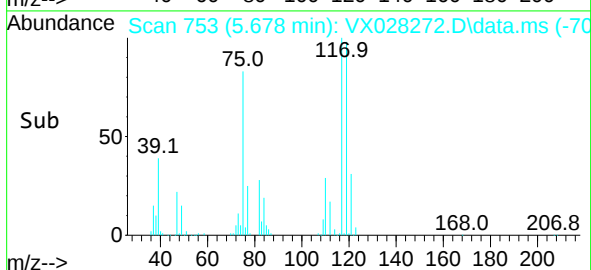
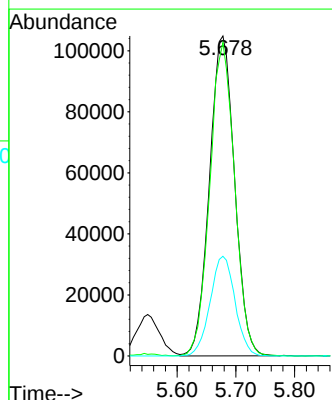
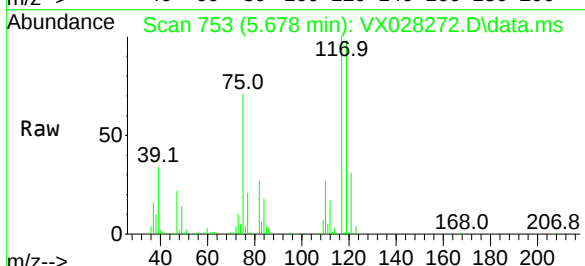
Tgt Ion:117 Resp: 311325

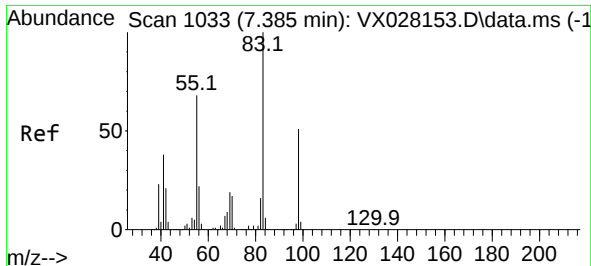
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 47.374 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

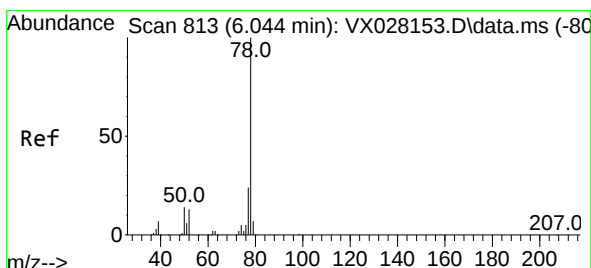
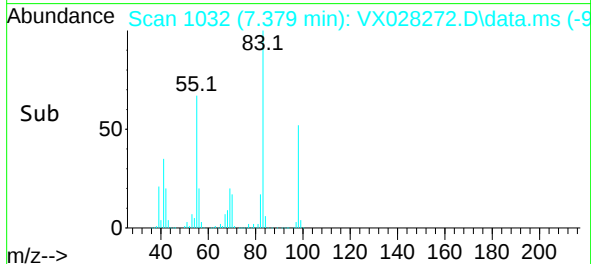
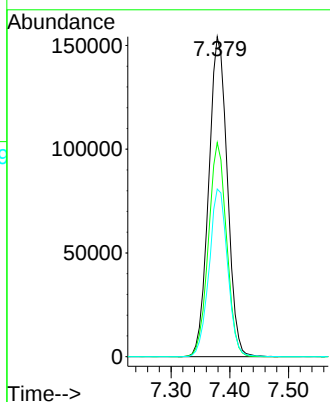
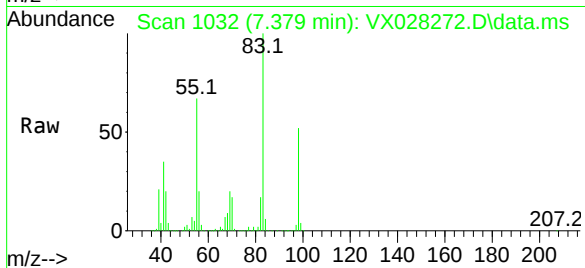
Tgt Ion: 83	Resp: 33899
Ion Ratio	Lower Upper
83 100	
55 66.9	54.6 81.8
98 52.4	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#40

Benzene

Concen: 47.513 ug/l

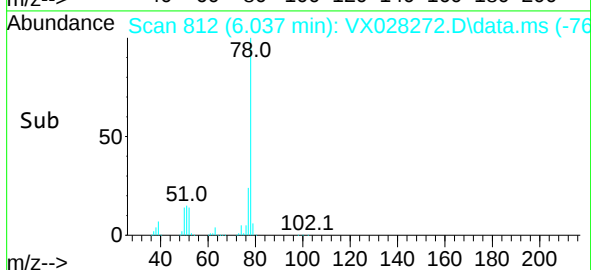
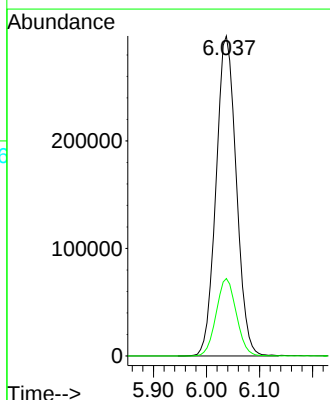
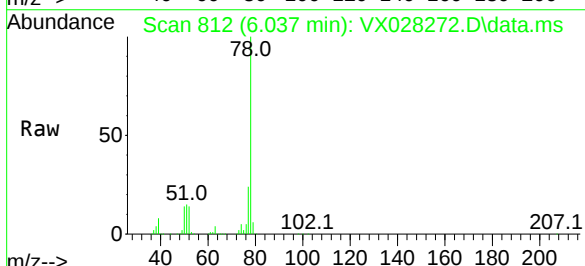
RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Tgt Ion: 78	Resp: 788749
Ion Ratio	Lower Upper
78 100	
77 24.2	19.3 28.9





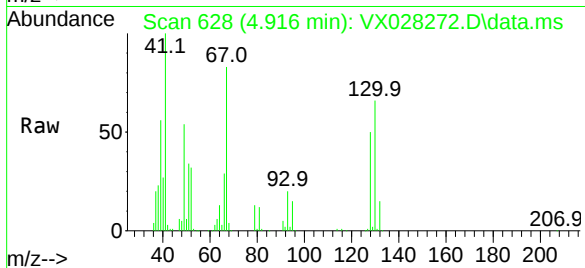
#41
Methacrylonitrile
Concen: 45.342 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



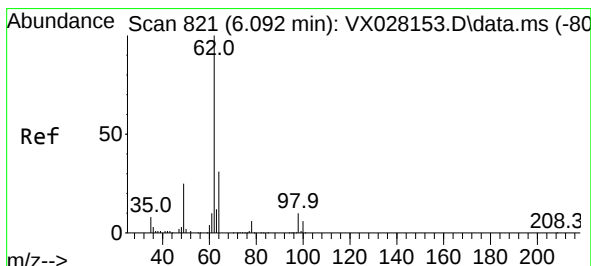
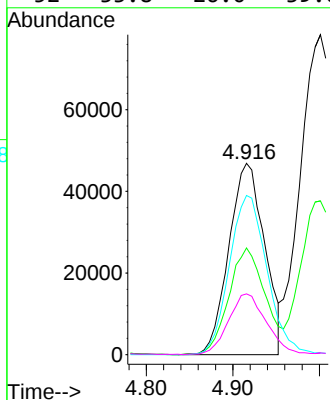
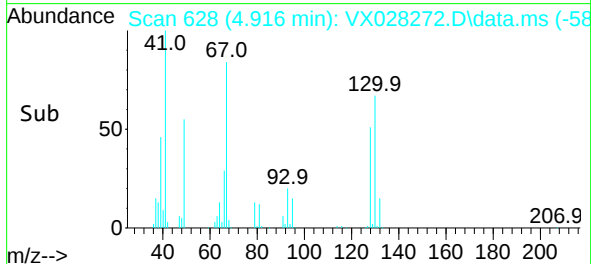
Tgt Ion: 41 Resp: 13461
Ion Ratio Lower Upper
41 100
39 57.3 43.0 64.4
67 88.2 70.2 105.4
52 33.8 26.0 39.0

Manual Integrations

APPROVED

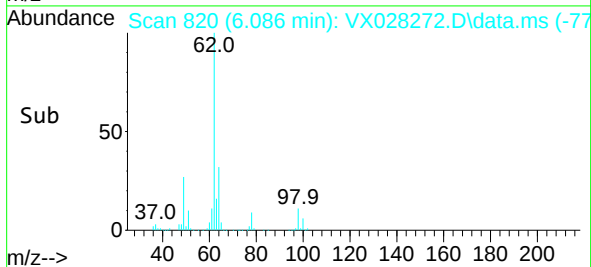
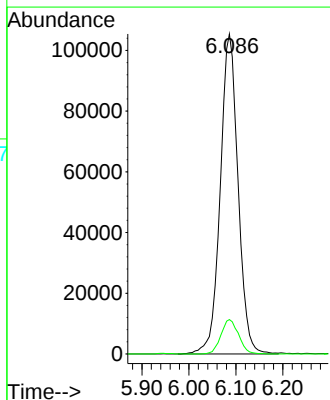
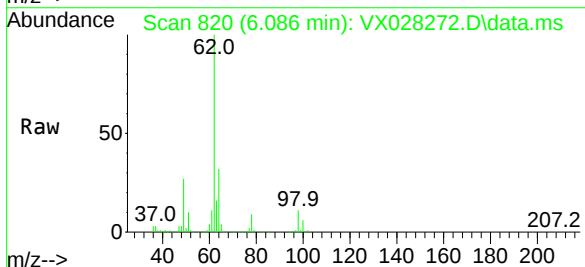
Reviewed By :John Carlone 04/25/2022

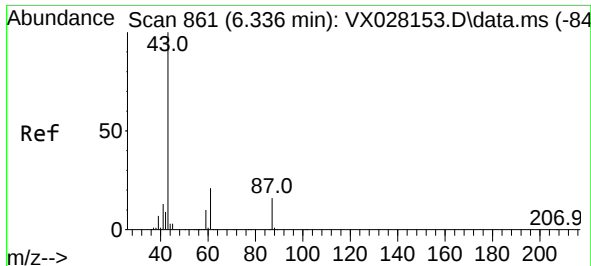
Supervised By :Mahesh Dadoda 04/25/2022



#42
1,2-Dichloroethane
Concen: 45.053 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Tgt Ion: 62 Resp: 277631
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.4





#43

Isopropyl Acetate

Concen: 44.918 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX028272.D

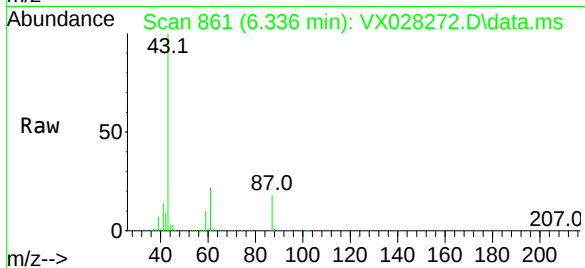
Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



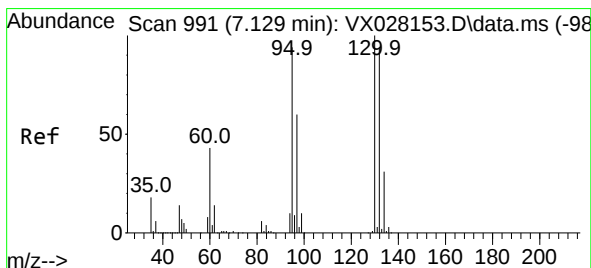
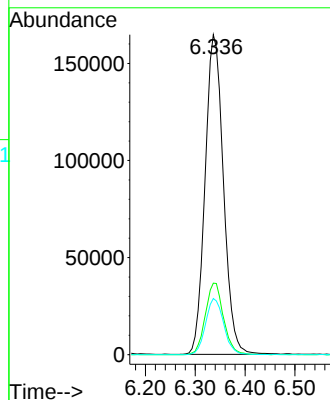
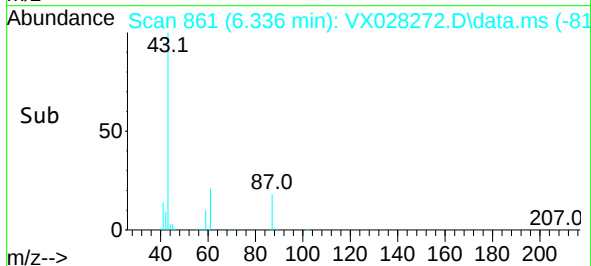
Tgt Ion:	43	Resp:	420674
Ion Ratio	Lower	Upper	
43	100		
61	22.2	18.5	27.7
87	17.4	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#44

Trichloroethene

Concen: 52.040 ug/l

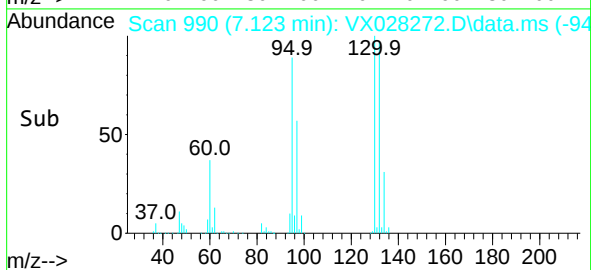
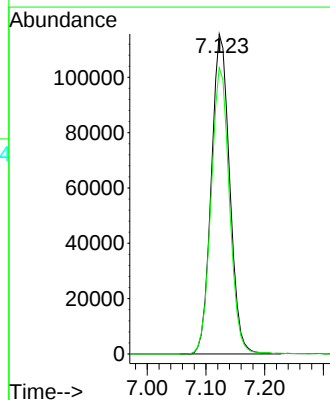
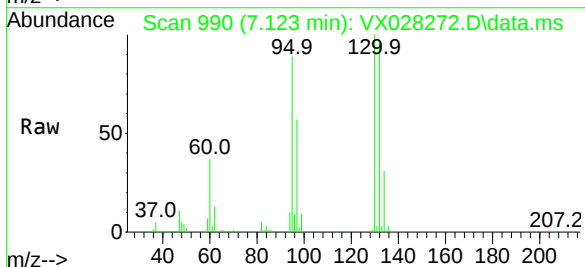
RT: 7.123 min Scan# 990

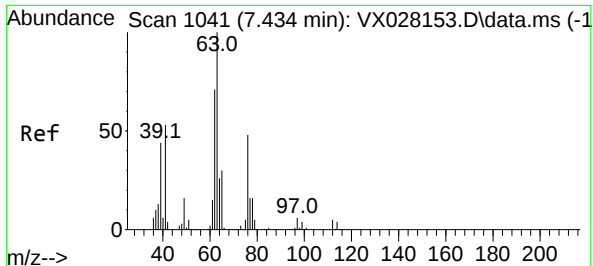
Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Tgt Ion:	130	Resp:	250524
Ion Ratio	Lower	Upper	
130	100		
95	89.5	0.0	188.8





#45

1,2-Dichloropropane

Concen: 46.573 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 189240

Ion Ratio Lower Upper

63 100

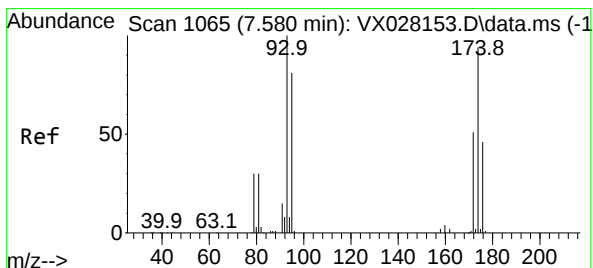
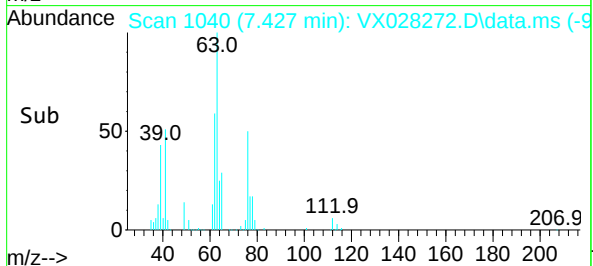
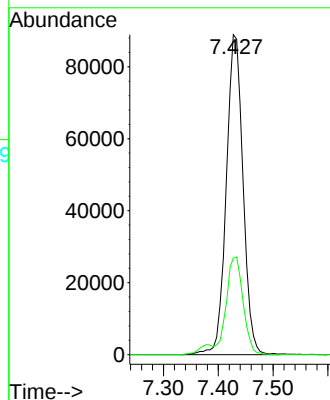
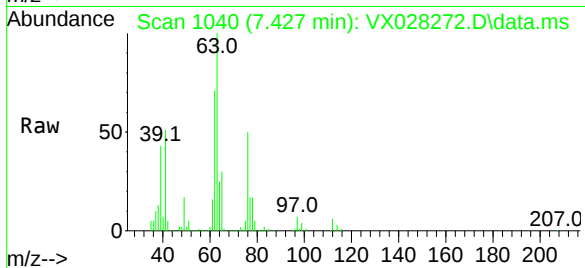
65 30.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#46

Dibromomethane

Concen: 47.820 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

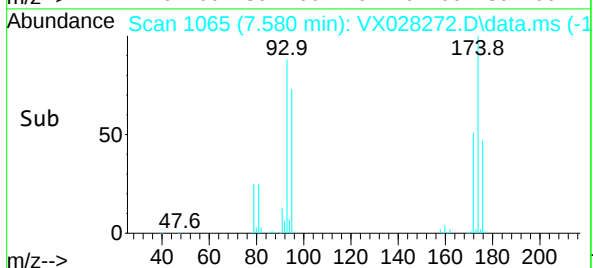
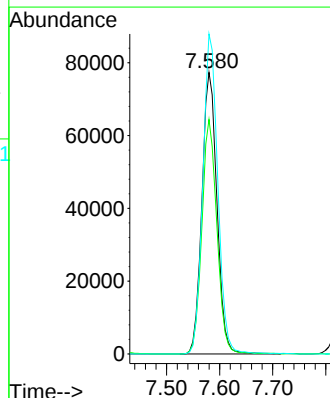
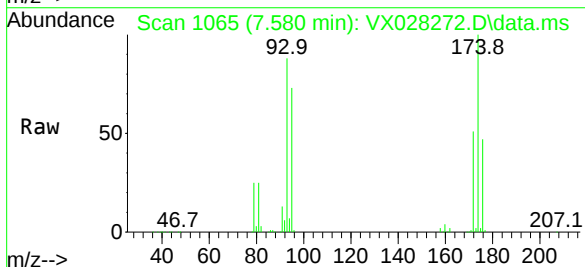
Tgt Ion: 93 Resp: 152429

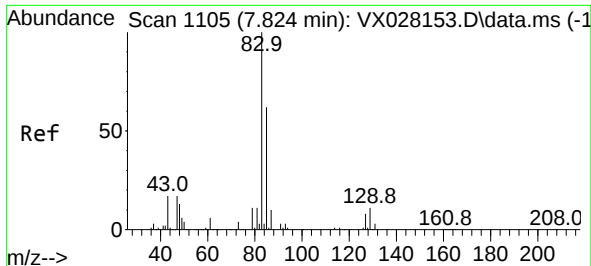
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

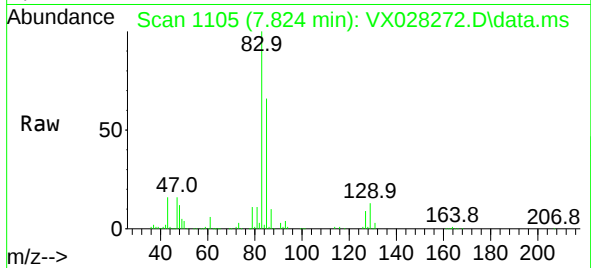
174 112.6 85.4 128.2





#47
Bromodichloromethane
Concen: 46.659 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

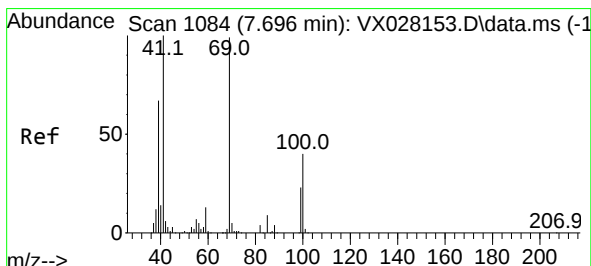
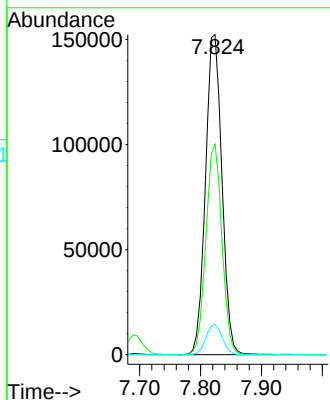
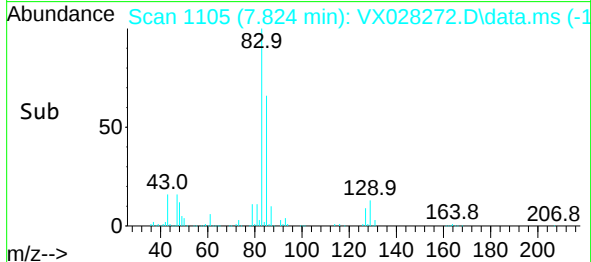
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 28585
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2
127 9.4 6.8 10.2

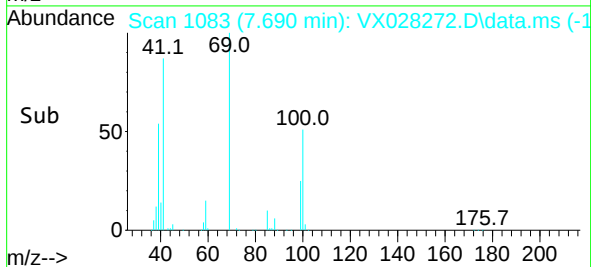
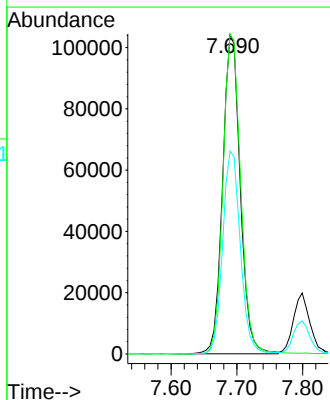
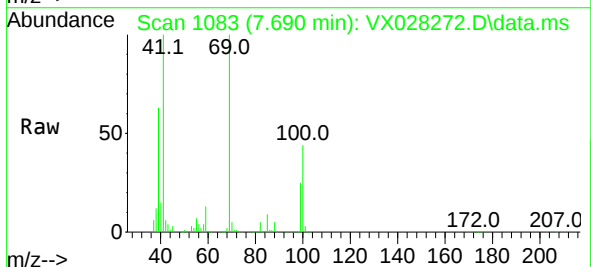
Manual Integrations
APPROVED

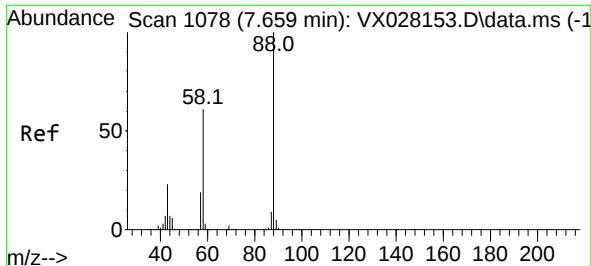
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#48
Methyl methacrylate
Concen: 45.197 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

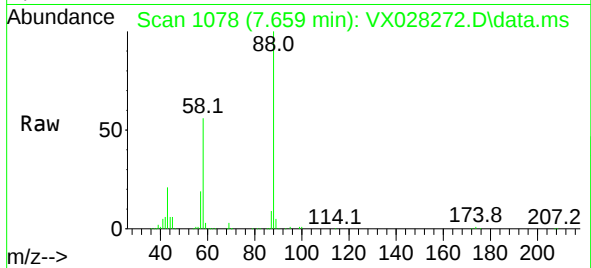
Tgt Ion: 41 Resp: 194338
Ion Ratio Lower Upper
41 100
69 100.5 82.5 123.7
39 64.0 43.8 65.8





#49
1,4-Dioxane
Concen: 882.897 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

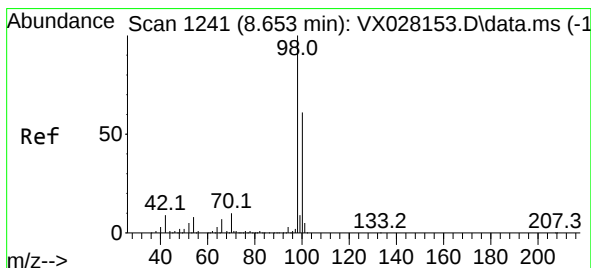
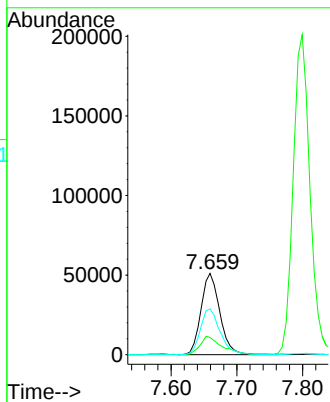
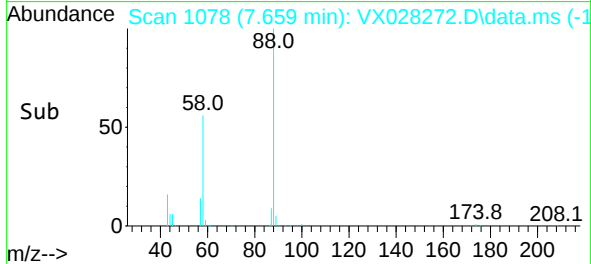
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 101558
Ion Ratio Lower Upper
88 100
43 25.6 21.9 32.9
58 59.1 53.7 80.5

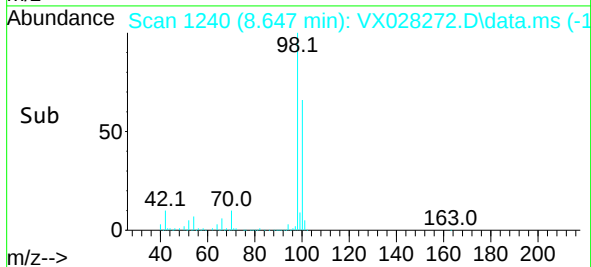
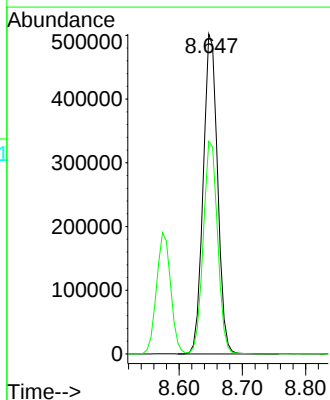
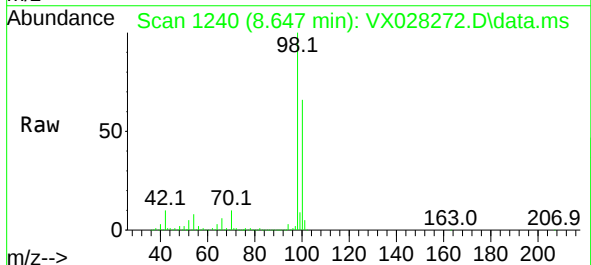
Manual Integrations
APPROVED

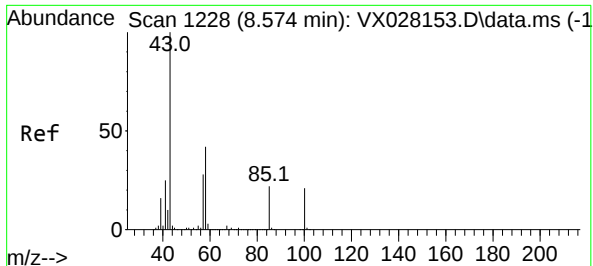
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#50
Toluene-d8
Concen: 47.499 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

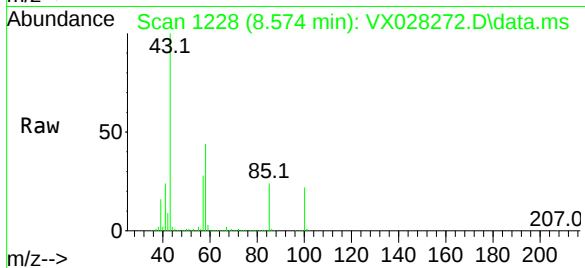
Tgt Ion: 98 Resp: 793173
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 223.518 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

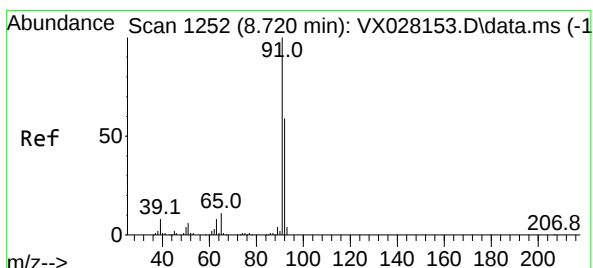
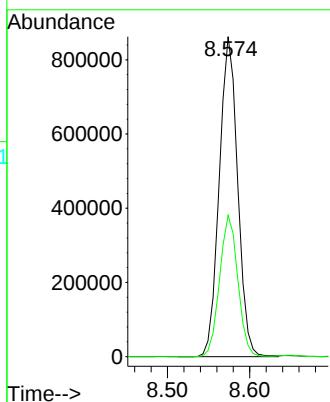
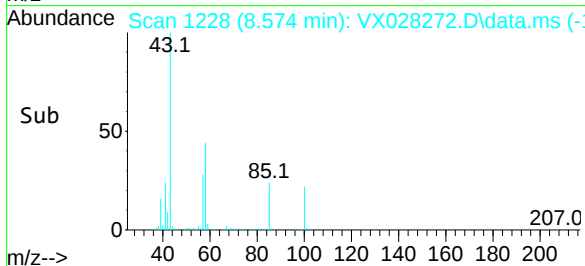
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



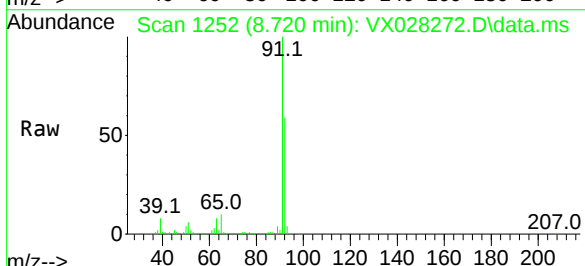
Tgt Ion: 43 Resp: 134333
Ion Ratio Lower Upper
43 100
58 43.7 36.1 54.1

Manual Integrations
APPROVED

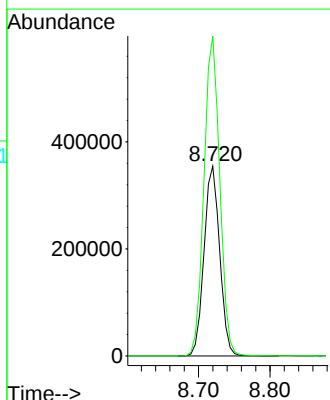
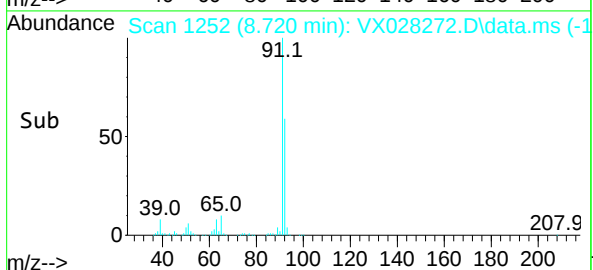
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

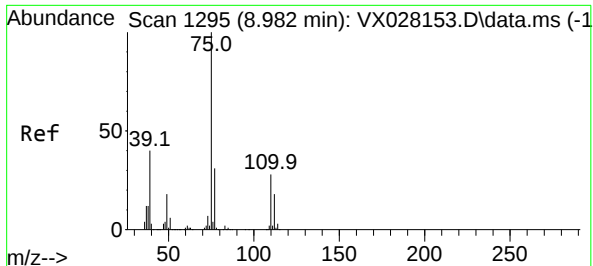


#52
Toluene
Concen: 46.760 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion: 92 Resp: 539300
Ion Ratio Lower Upper
92 100
91 169.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 48.327 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 314650

Ion Ratio Lower Upper

75 100

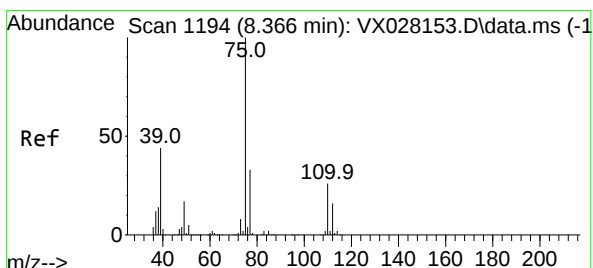
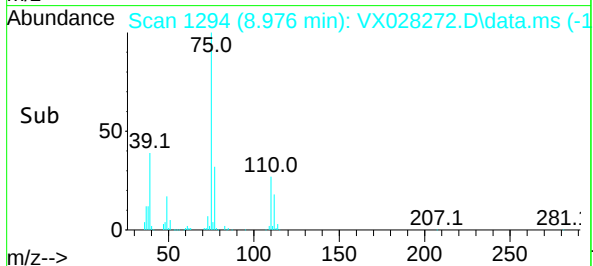
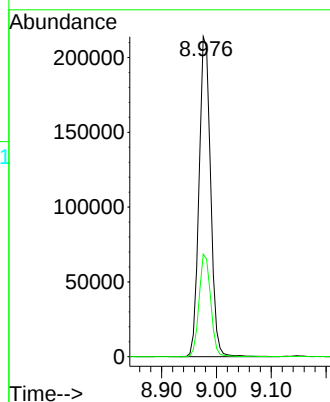
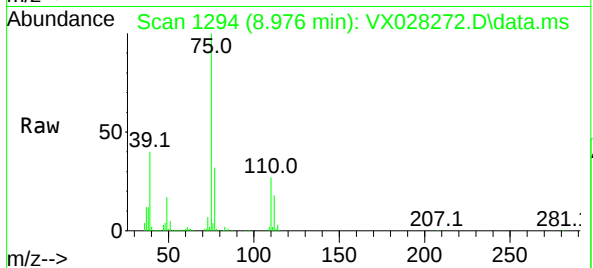
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#54

cis-1,3-Dichloropropene

Concen: 47.775 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

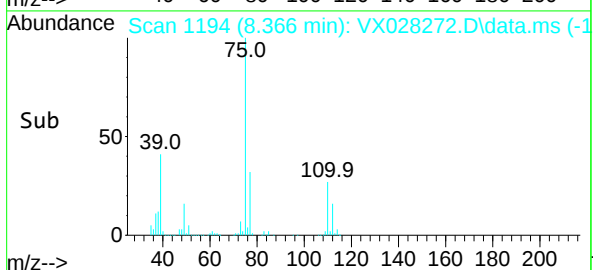
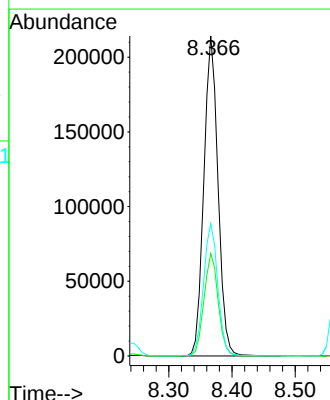
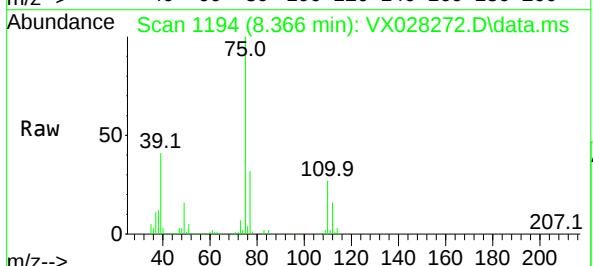
Tgt Ion: 75 Resp: 334031

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

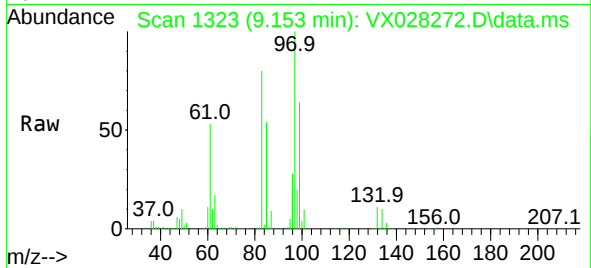
39 41.3 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.036 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

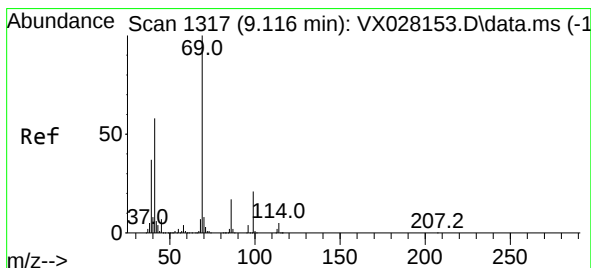
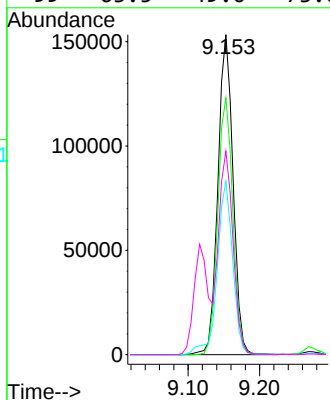
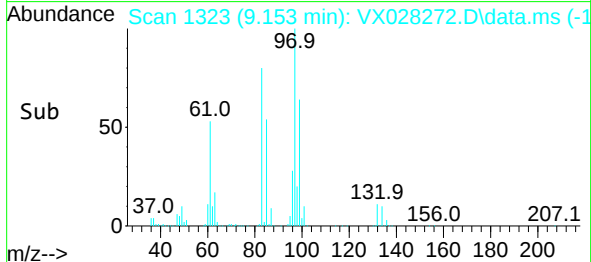
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



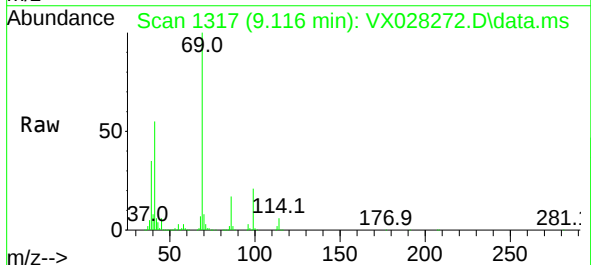
Tgt Ion: 97 Resp: 225100
Ion Ratio Lower Upper
97 100
83 80.2 66.2 99.4
85 54.2 42.9 64.3
99 63.5 49.0 73.6

Manual Integrations
APPROVED

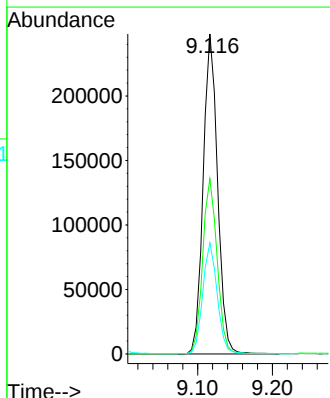
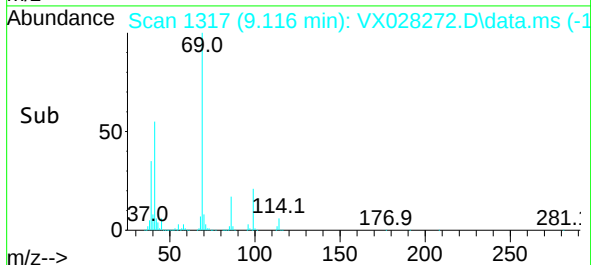
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

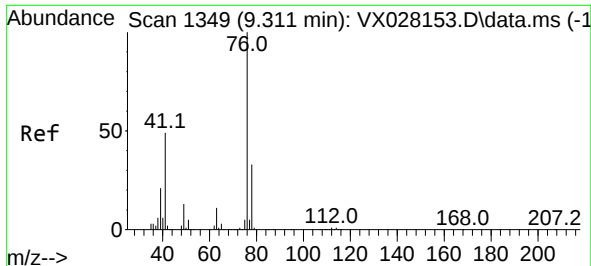


#56
Ethyl methacrylate
Concen: 48.811 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



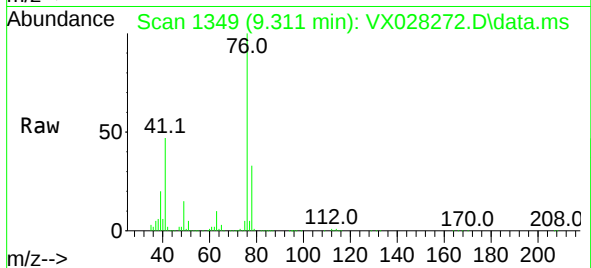
Tgt Ion: 69 Resp: 331556
Ion Ratio Lower Upper
69 100
41 55.0 43.8 65.6
39 34.8 22.2 33.2





#57
1,3-Dichloropropane
Concen: 46.540 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

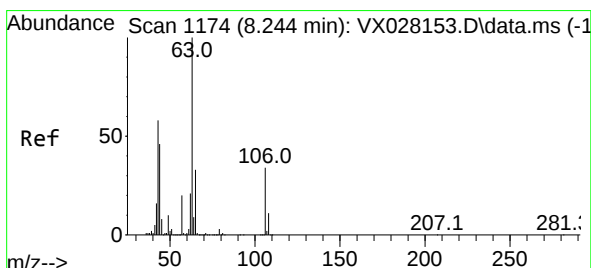
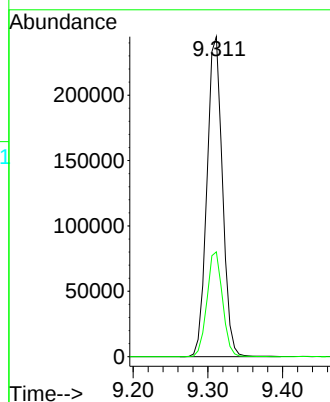
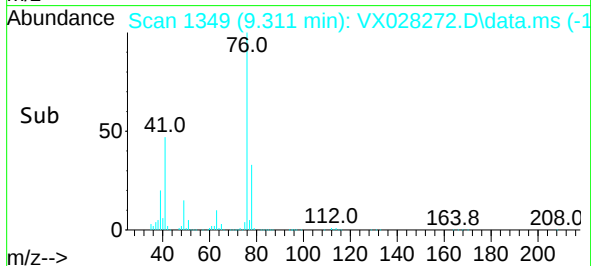
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



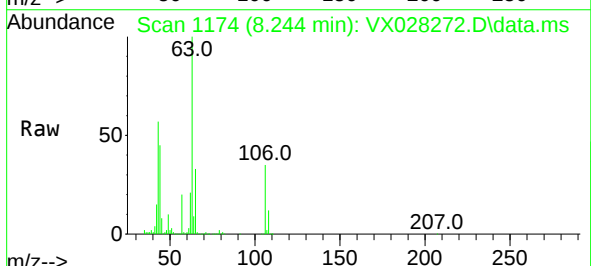
Tgt Ion: 76 Resp: 35200
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.8

Manual Integrations
APPROVED

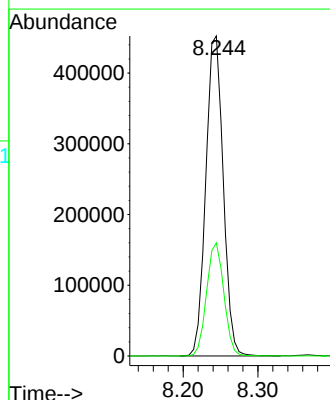
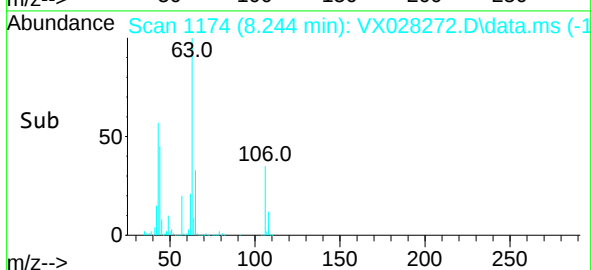
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

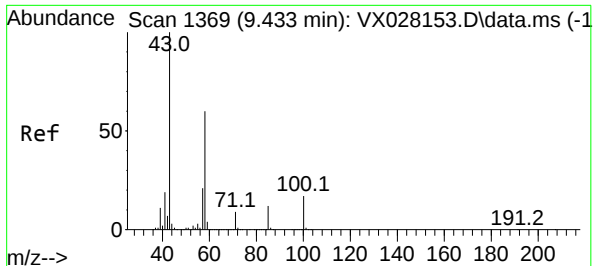


#58
2-Chloroethyl Vinyl ether
Concen: 229.440 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



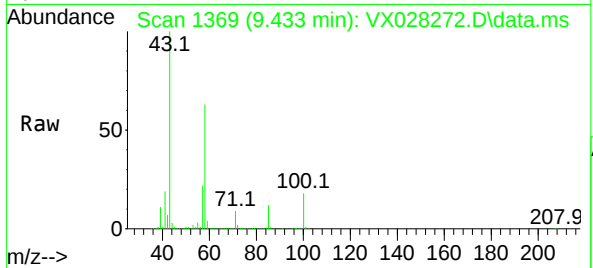
Tgt Ion: 63 Resp: 731244
Ion Ratio Lower Upper
63 100
106 35.1 23.9 35.9





#59
2-Hexanone
Concen: 230.213 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

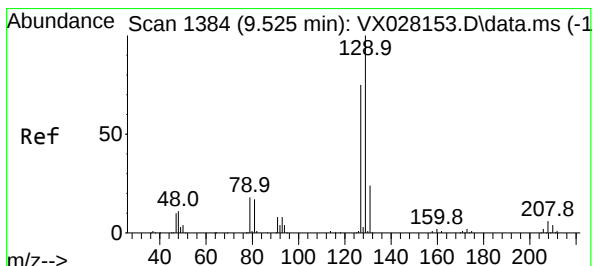
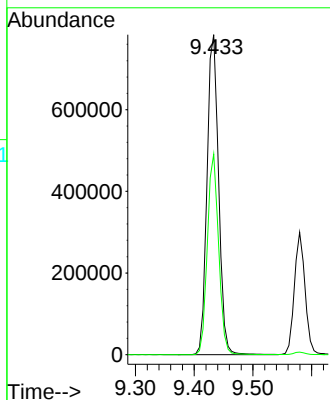
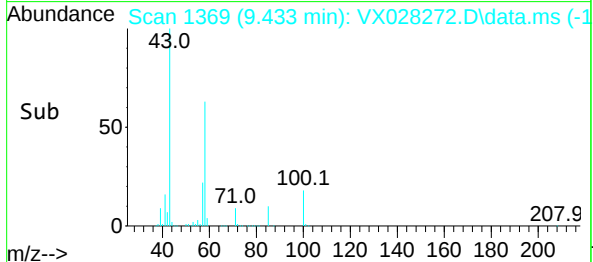
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107173
Ion Ratio Lower Upper
43 100
58 61.1 31.9 95.7

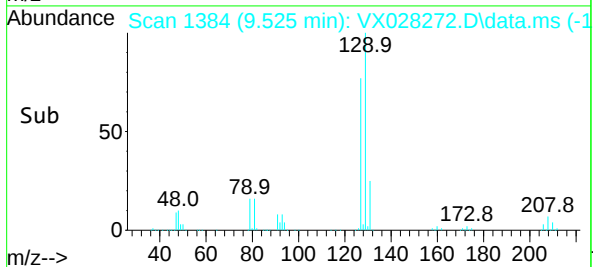
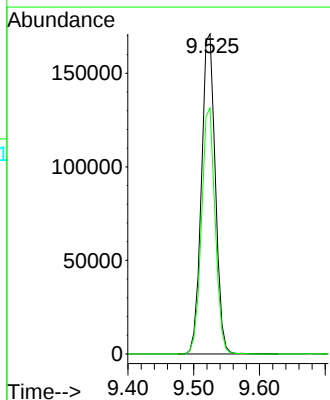
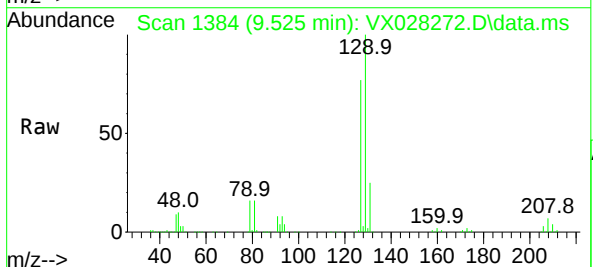
Manual Integrations
APPROVED

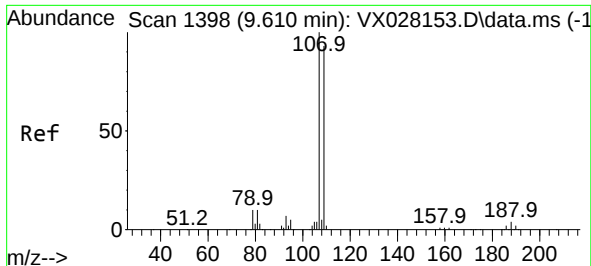
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#60
Dibromochloromethane
Concen: 48.981 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

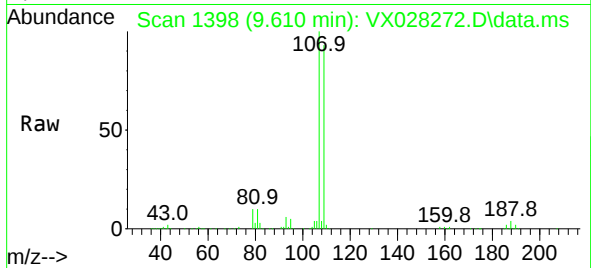
Tgt Ion:129 Resp: 250222
Ion Ratio Lower Upper
129 100
127 75.8 40.3 120.8





#61
1,2-Dibromoethane
Concen: 47.737 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

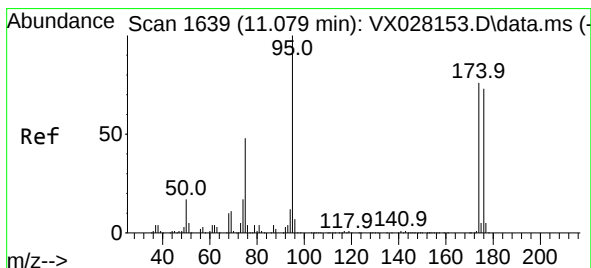
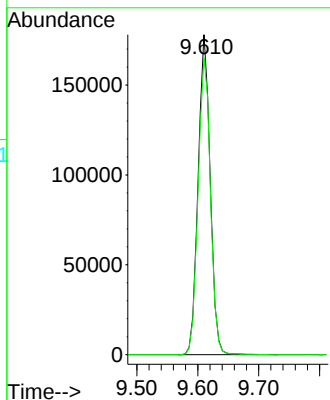
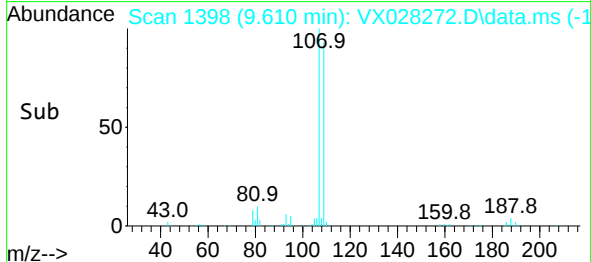
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 245412
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6

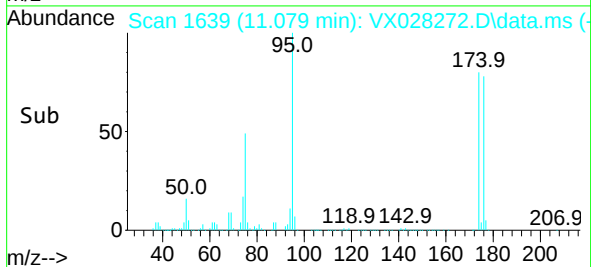
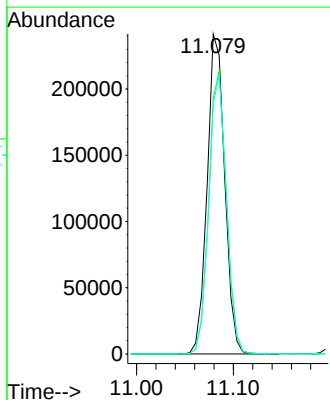
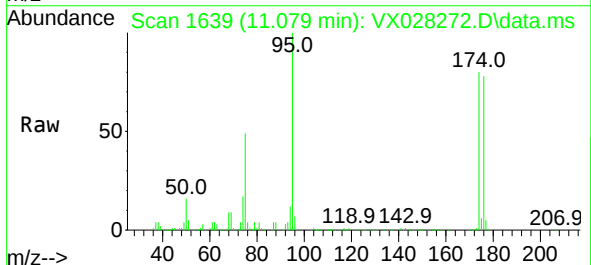
Manual Integrations
APPROVED

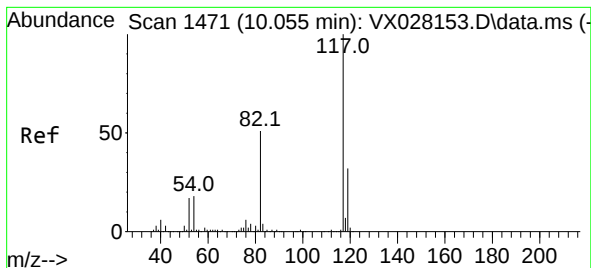
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

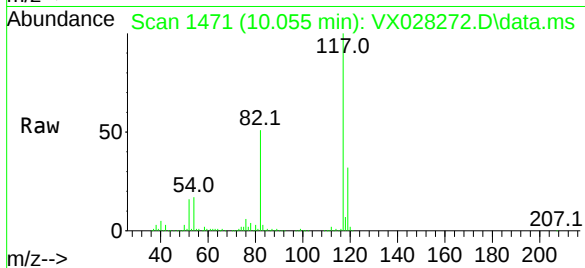
Tgt Ion: 95 Resp: 305425
Ion Ratio Lower Upper
95 100
174 89.0 0.0 163.0
176 87.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

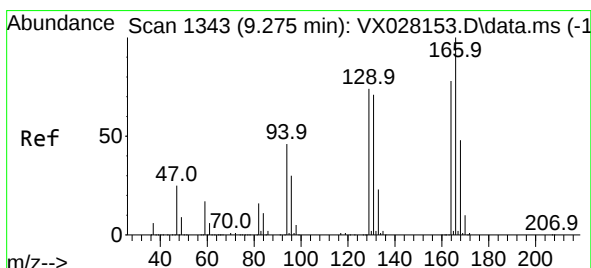
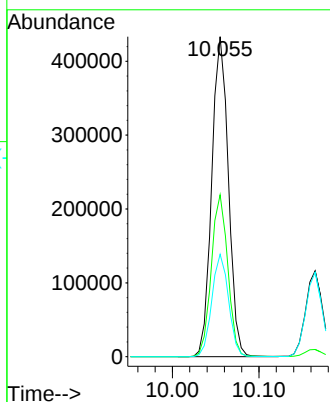
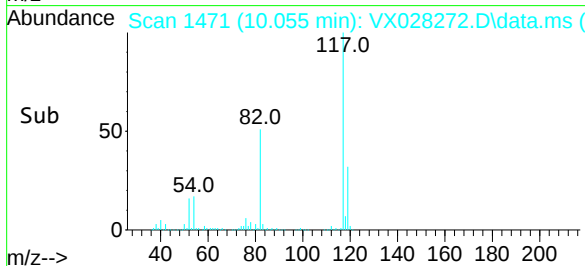
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 57908
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.8
119 32.0 24.8 37.2

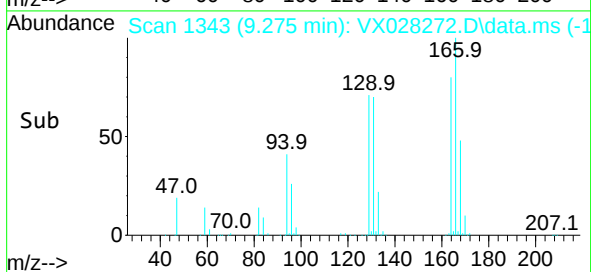
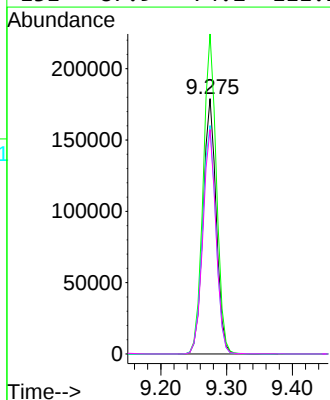
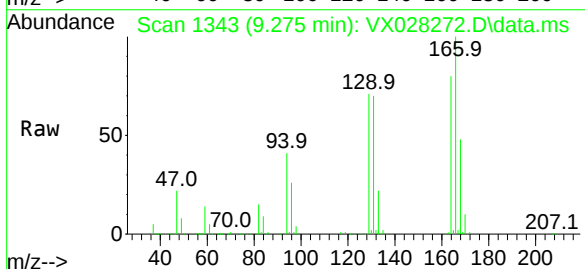
Manual Integrations
APPROVED

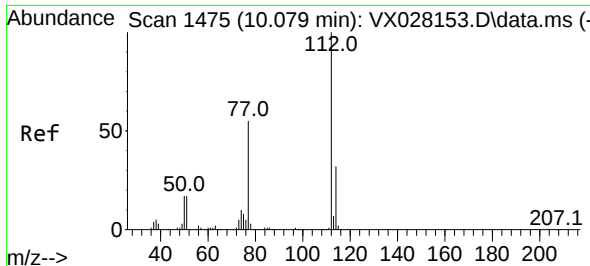
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#64
Tetrachloroethene
Concen: 54.606 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

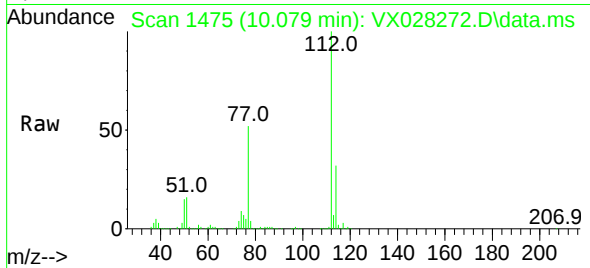
Tgt Ion:164 Resp: 246992
Ion Ratio Lower Upper
164 100
166 125.3 101.2 151.8
129 89.5 73.0 109.4
131 87.9 74.2 111.2





#65
Chlorobenzene
Concen: 50.570 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

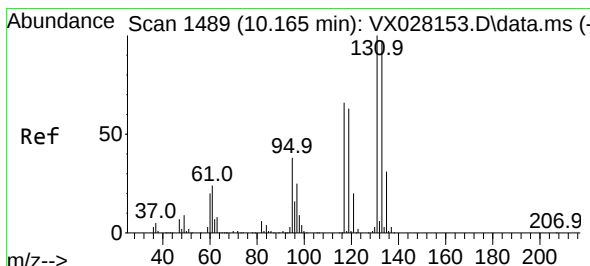
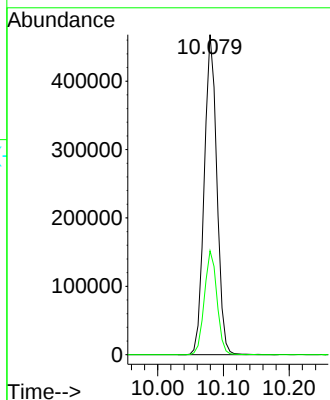
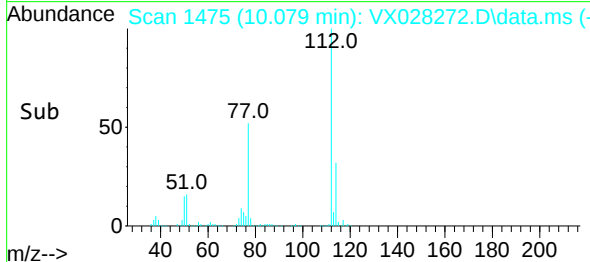
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



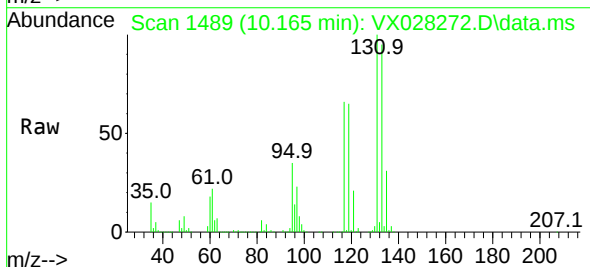
Tgt Ion:112 Resp: 624368
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

Manual Integrations
APPROVED

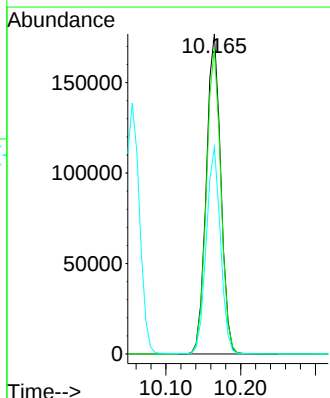
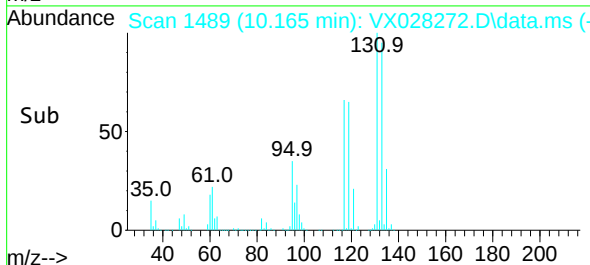
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

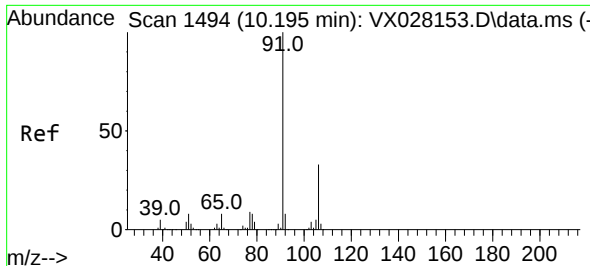


#66
1,1,1,2-Tetrachloroethane
Concen: 51.706 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion:131 Resp: 237808
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 63.6 32.6 98.0





#67

Ethyl Benzene

Concen: 50.753 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1050728

Ion Ratio Lower Upper

91 100

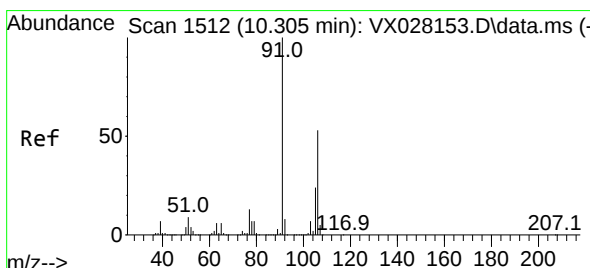
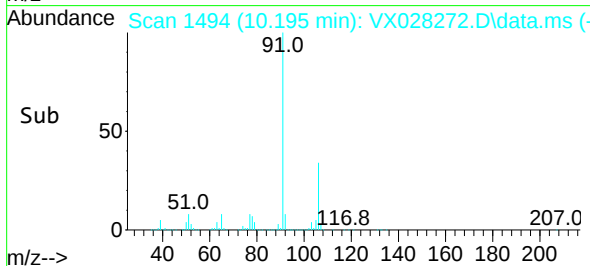
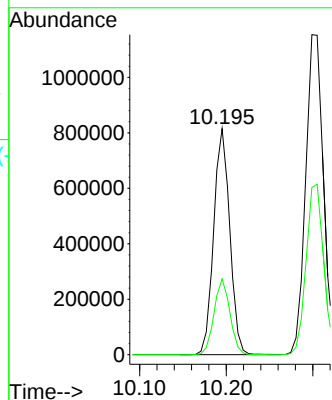
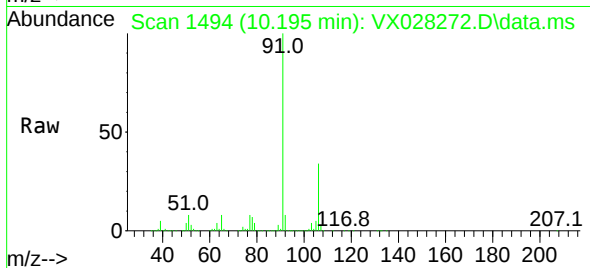
106 33.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#68

m/p-Xylenes

Concen: 101.942 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028272.D

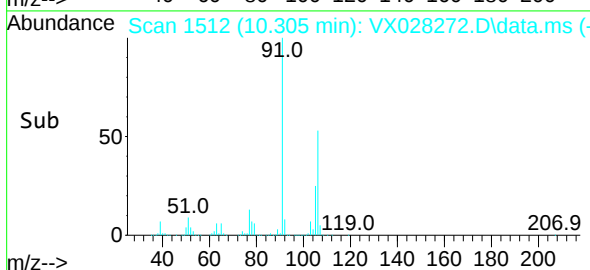
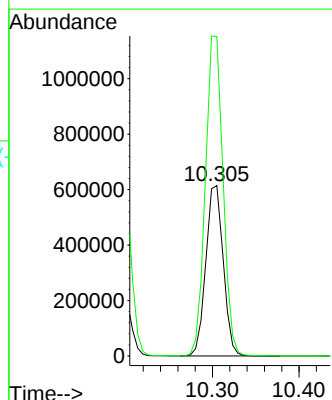
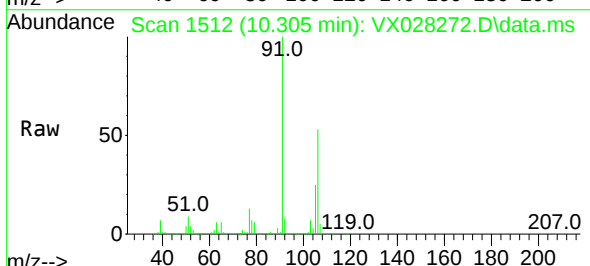
Acq: 22 Apr 2022 12:14

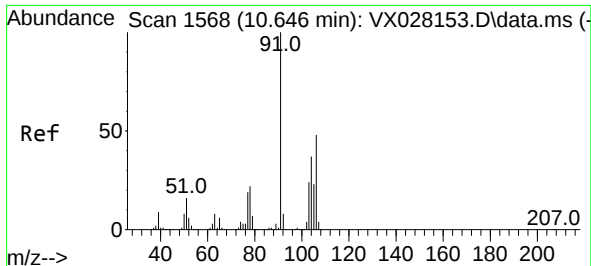
Tgt Ion:106 Resp: 858953

Ion Ratio Lower Upper

106 100

91 190.3 160.4 240.6





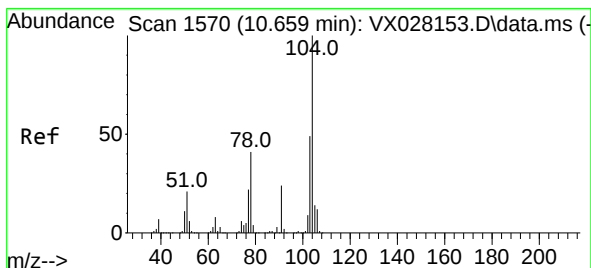
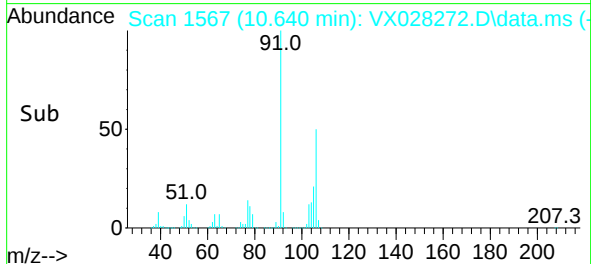
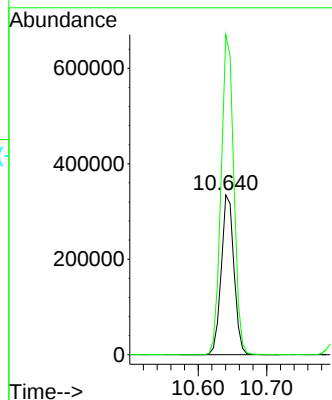
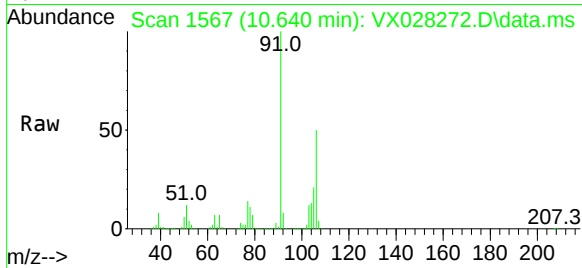
#69
o-Xylene
Concen: 50.911 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 42769
Ion Ratio Lower Upper
106 100
91 201.3 106.1 318.1

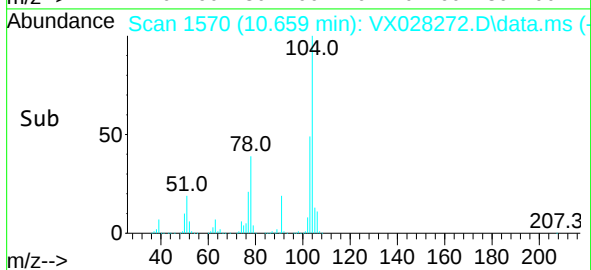
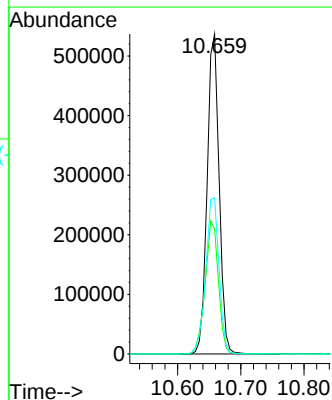
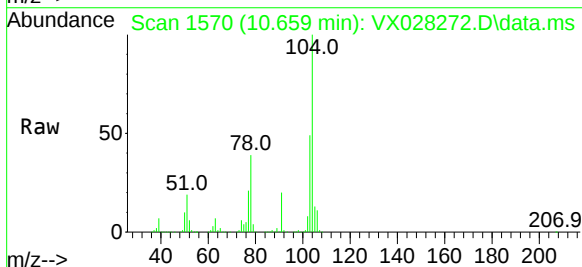
Manual Integrations
APPROVED

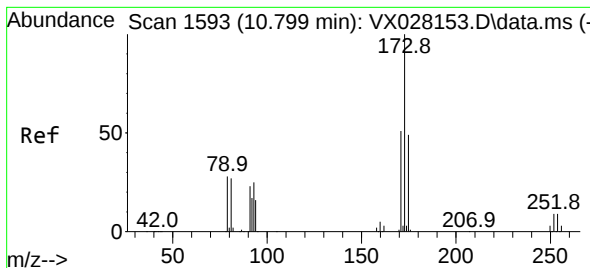
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#70
Styrene
Concen: 52.145 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

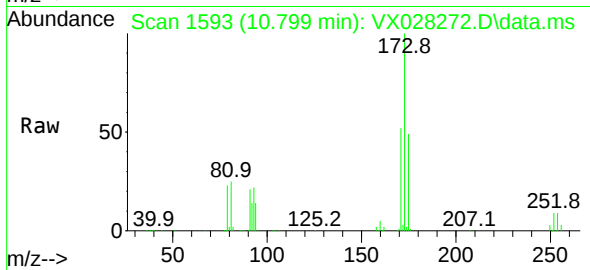
Tgt Ion:104 Resp: 709685
Ion Ratio Lower Upper
104 100
78 46.1 38.6 57.8
103 54.5 43.8 65.8





#71
Bromoform
Concen: 46.157 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

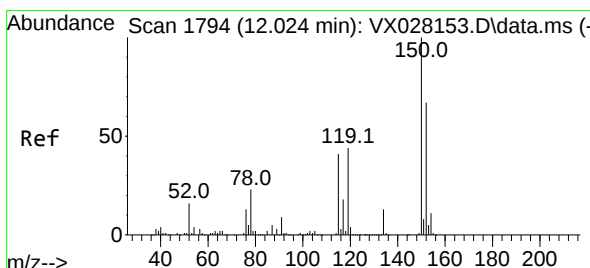
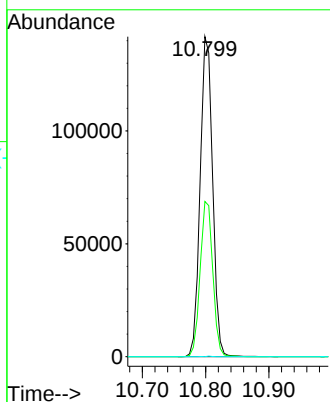
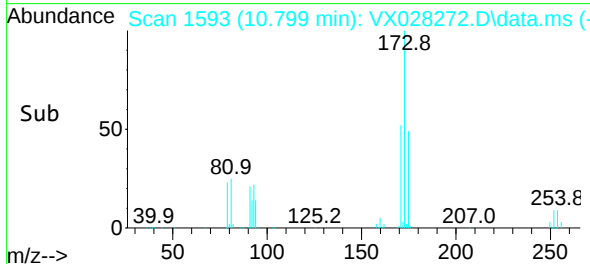
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



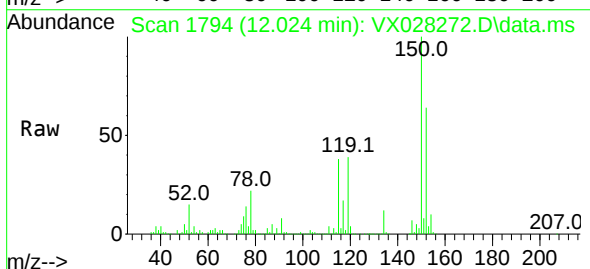
Tgt Ion:173 Resp: 194639
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

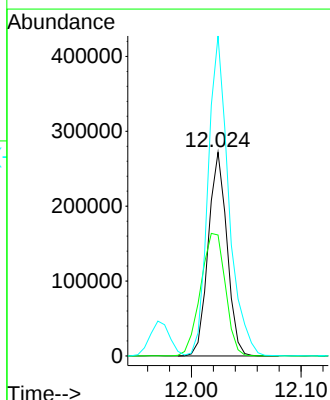
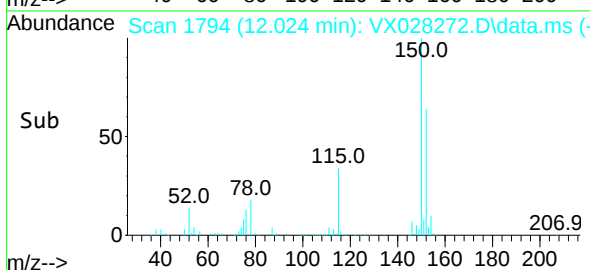
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

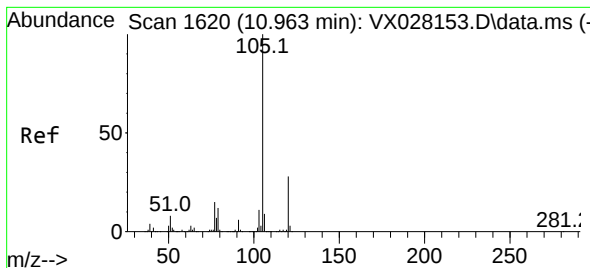


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion:152 Resp: 321605
Ion Ratio Lower Upper
152 100
115 80.1 37.5 112.7
150 173.7 0.0 338.2





#73

Isopropylbenzene

Concen: 50.133 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028272.D

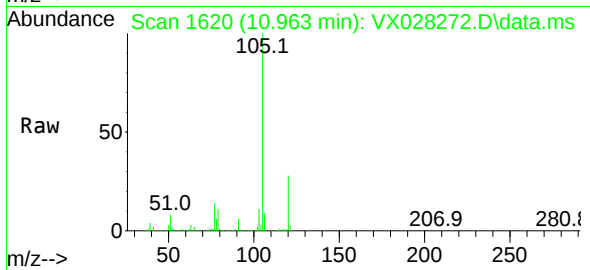
Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:105 Resp: 110819

Ion Ratio Lower Upper

105 100

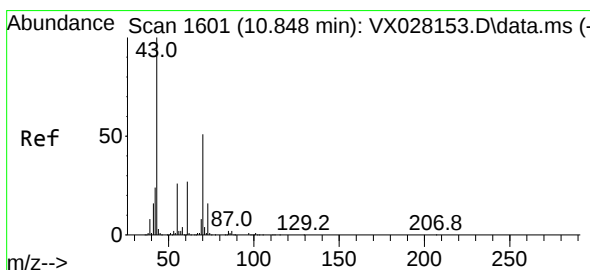
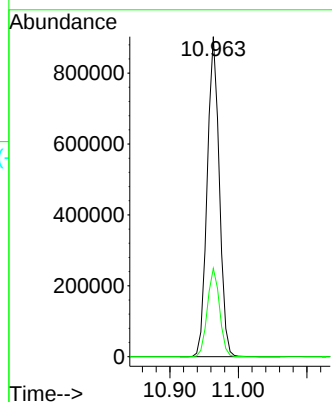
120 27.7 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#74

N-ethyl acetate

Concen: 49.571 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.007 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Tgt Ion: 43 Resp: 378736

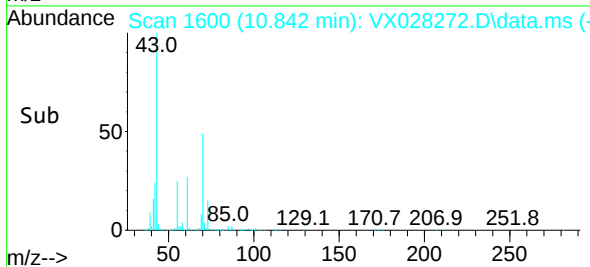
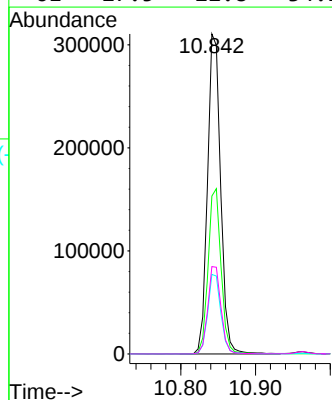
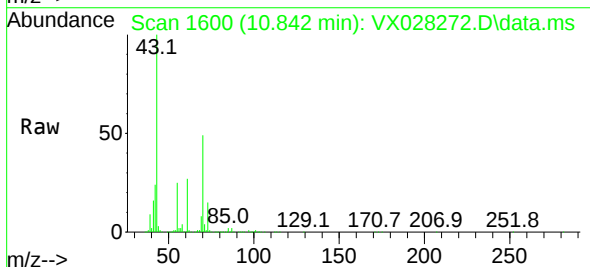
Ion Ratio Lower Upper

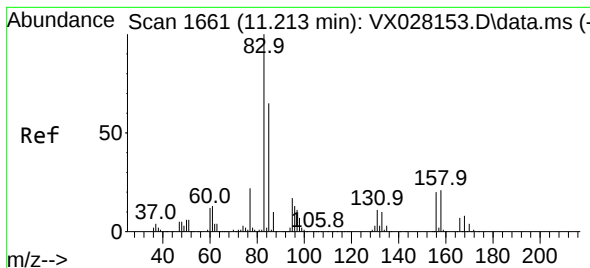
43 100

70 50.9 42.5 63.7

55 25.0 23.1 34.7

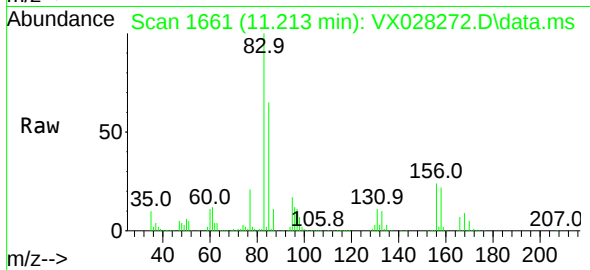
61 27.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.889 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

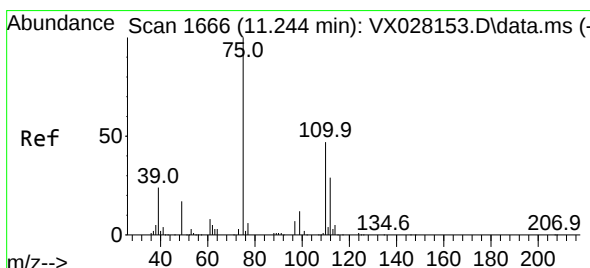
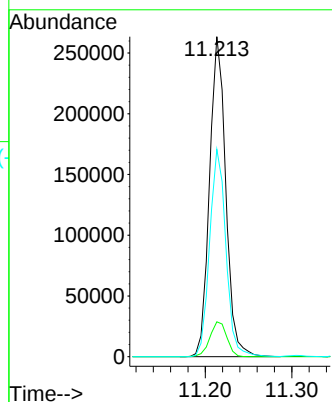
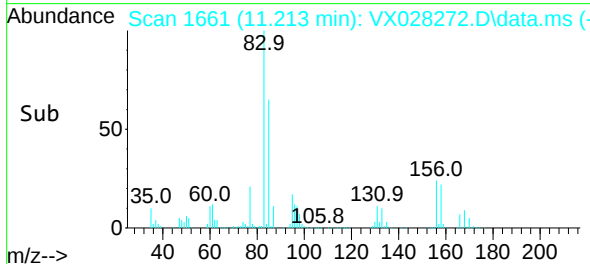
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



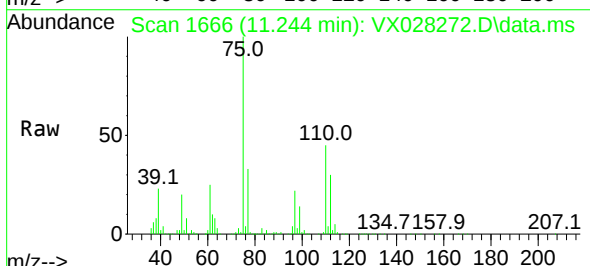
Tgt Ion: 83 Resp: 34351
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 64.9 32.6 97.7

Manual Integrations
APPROVED

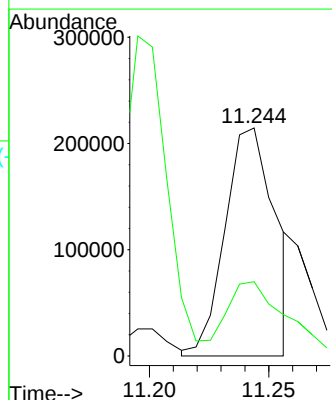
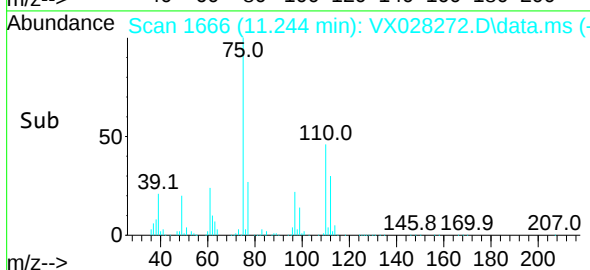
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

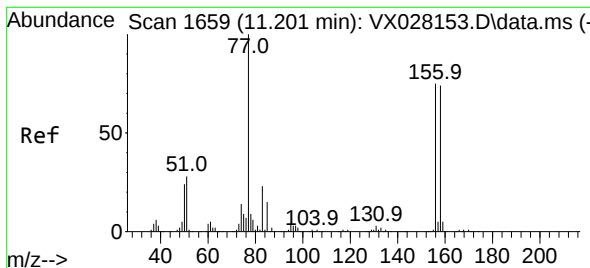


#76
1,2,3-Trichloropropane
Concen: 49.442 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion: 75 Resp: 312938
Ion Ratio Lower Upper
75 100
77 39.7 19.4 58.2





#77

Bromobenzene

Concen: 52.018 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

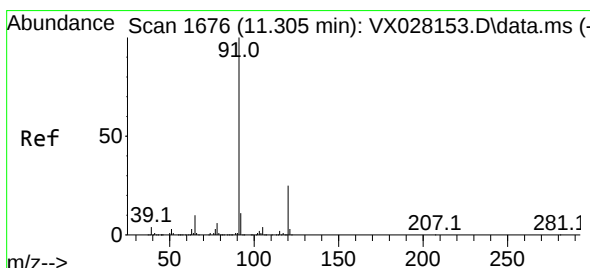
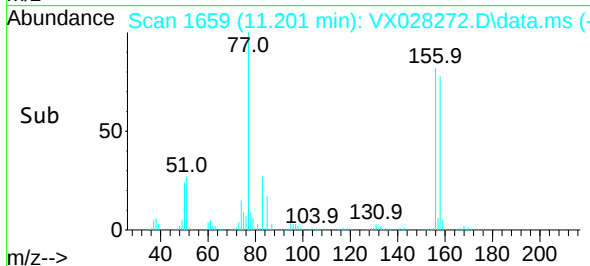
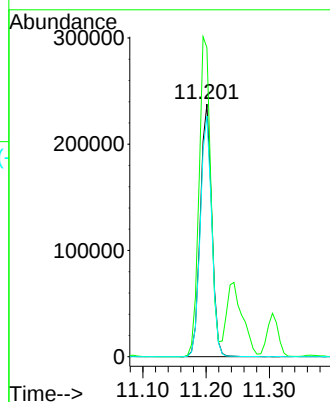
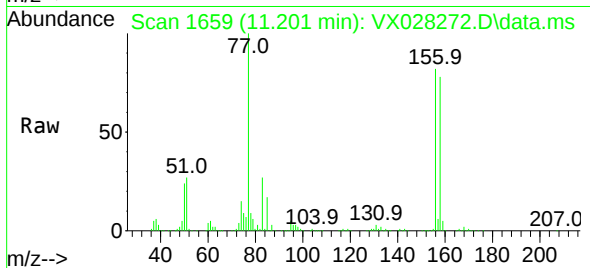
Tgt Ion:	156	Resp:	299470
Ion Ratio	Lower	Upper	
156	100		
77	129.9	78.5	235.3
158	95.3	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#78

n-propylbenzene

Concen: 50.520 ug/l

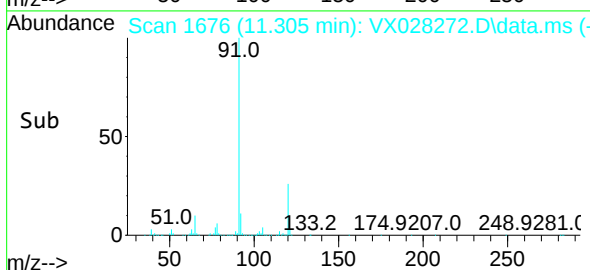
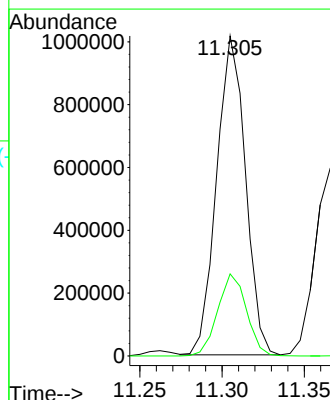
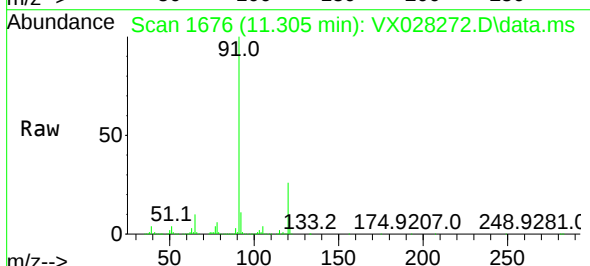
RT: 11.305 min Scan# 1676

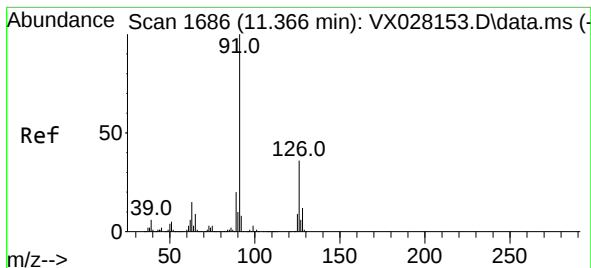
Delta R.T. -0.000 min

Lab File: VX028272.D

Acq: 22 Apr 2022 12:14

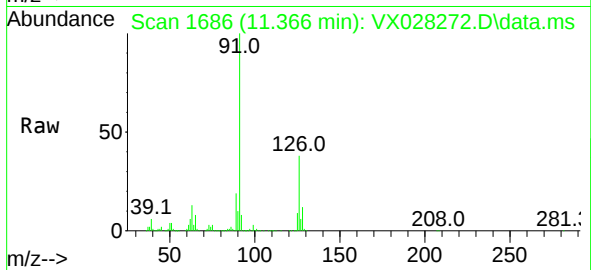
Tgt Ion:	91	Resp:	1238310
Ion Ratio	Lower	Upper	
91	100		
120	25.7	11.6	34.8





#79
2-Chlorotoluene
Concen: 48.613 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

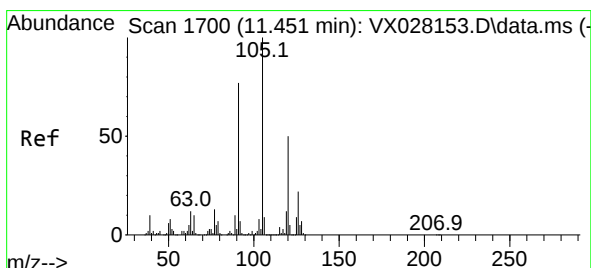
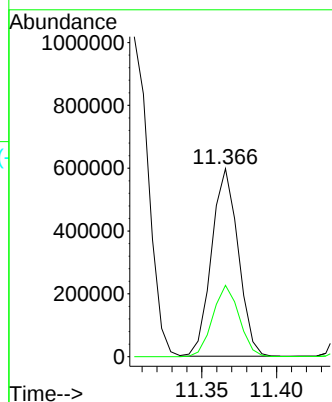
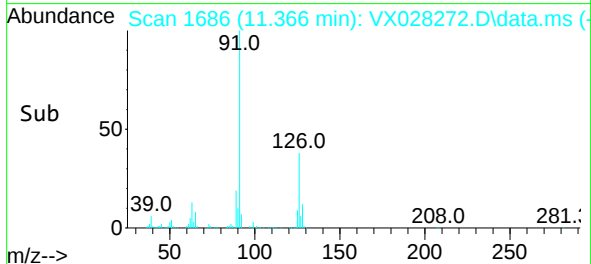
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



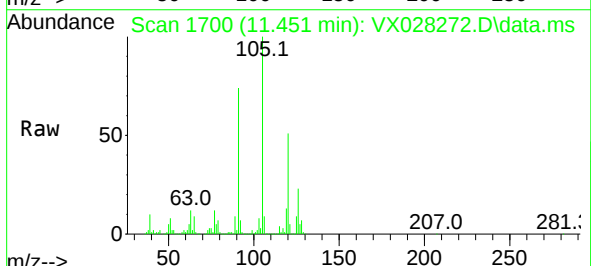
Tgt Ion: 91 Resp: 740810
Ion Ratio Lower Upper
91 100
126 37.7 17.3 51.9

Manual Integrations
APPROVED

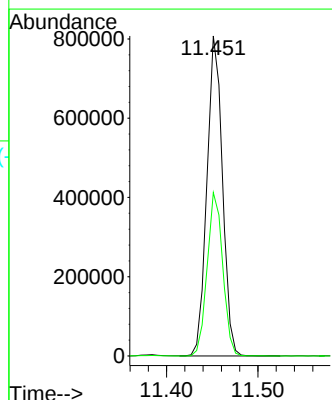
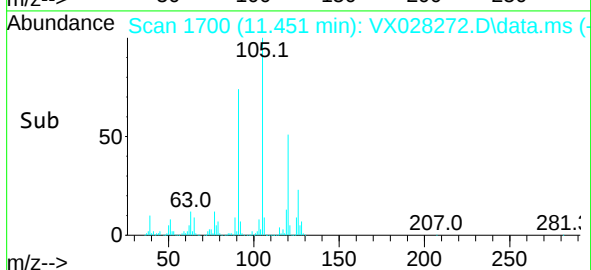
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

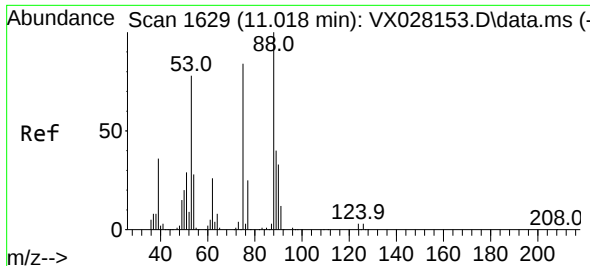


#80
1,3,5-Trimethylbenzene
Concen: 50.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



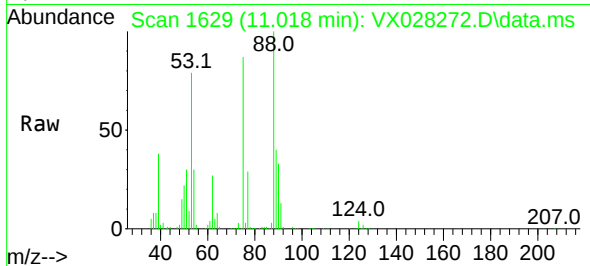
Tgt Ion:105 Resp: 948864
Ion Ratio Lower Upper
105 100
120 51.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 49.235 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

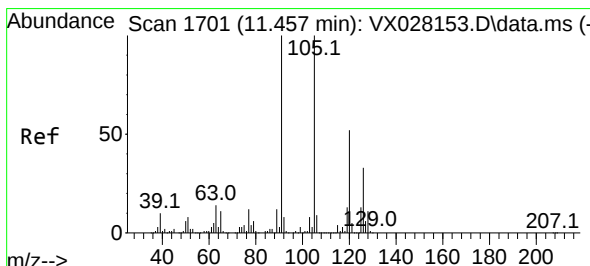
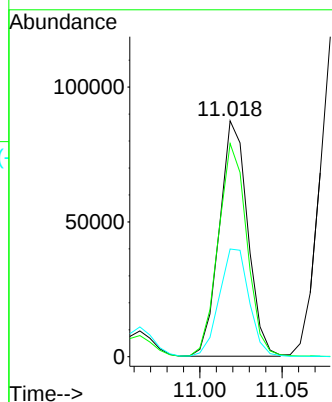
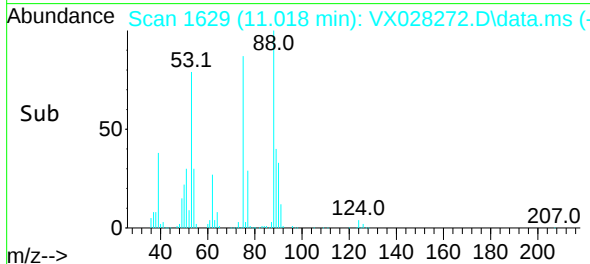
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 104864
Ion Ratio Lower Upper
75 100
53 91.0 69.0 103.4
89 48.5 37.0 55.6

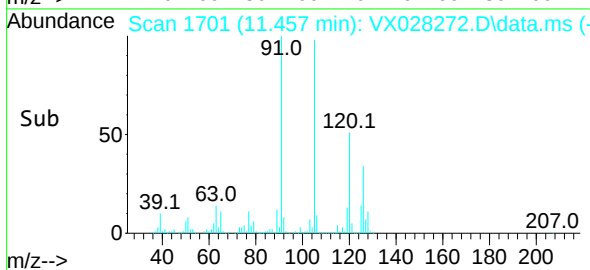
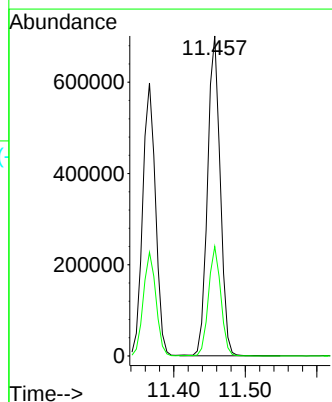
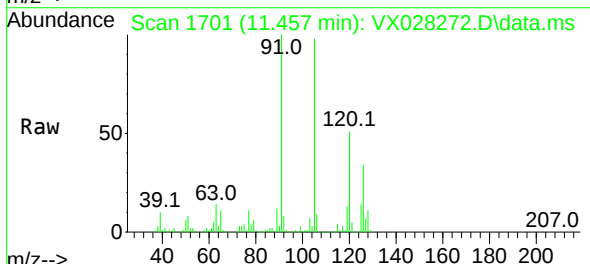
Manual Integrations
APPROVED

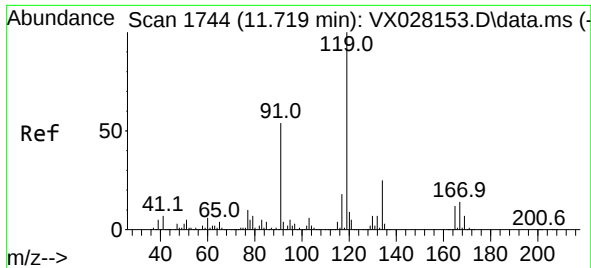
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#82
4-Chlorotoluene
Concen: 49.144 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

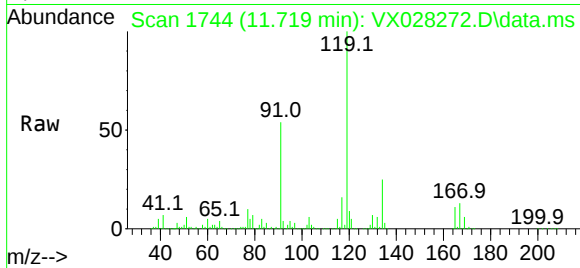
Tgt Ion: 91 Resp: 862671
Ion Ratio Lower Upper
91 100
126 33.5 14.9 44.5





#83
tert-Butylbenzene
Concen: 50.726 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

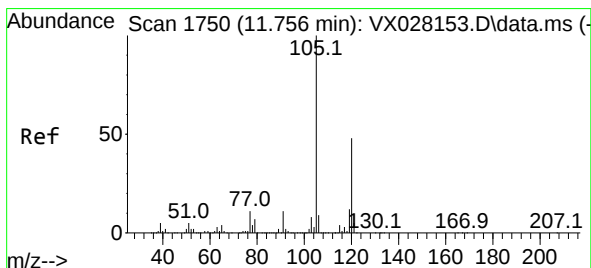
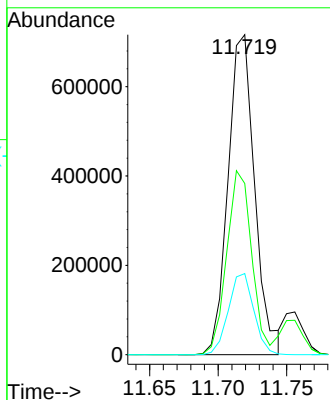
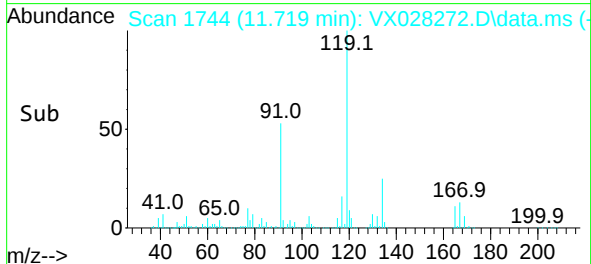
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



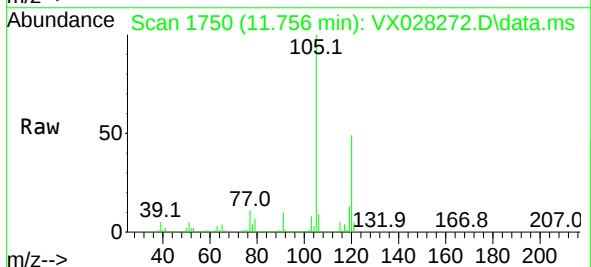
Tgt Ion:119 Resp: 971924
Ion Ratio Lower Upper
119 100
91 53.9 26.9 80.6
134 24.2 11.4 34.2

Manual Integrations
APPROVED

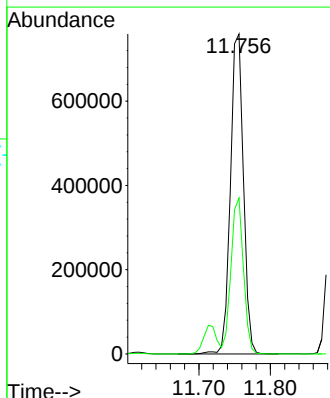
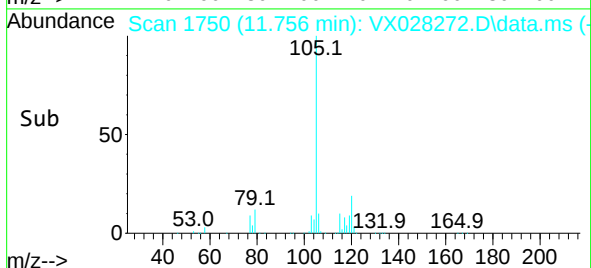
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

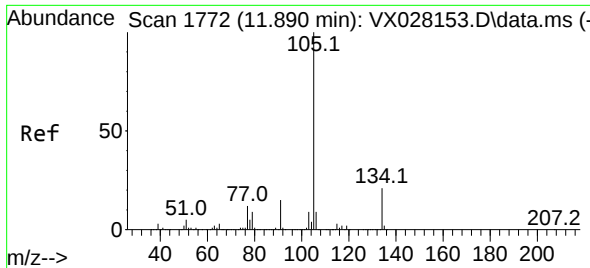


#84
1,2,4-Trimethylbenzene
Concen: 51.323 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



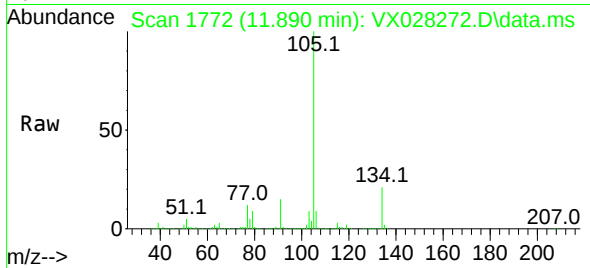
Tgt Ion:105 Resp: 957296
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.966 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028272.D
 Acq: 22 Apr 2022 12:14

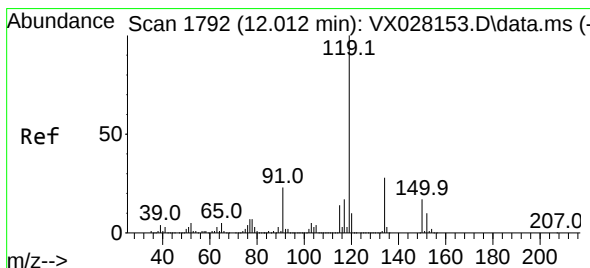
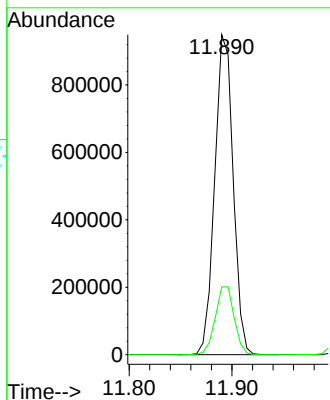
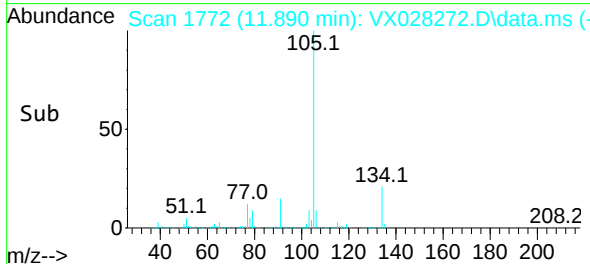
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



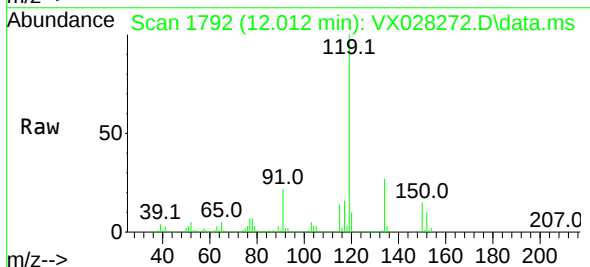
Tgt Ion:105 Resp: 117814
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.2 30.4

Manual Integrations
 APPROVED

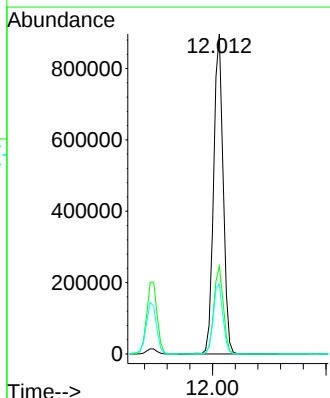
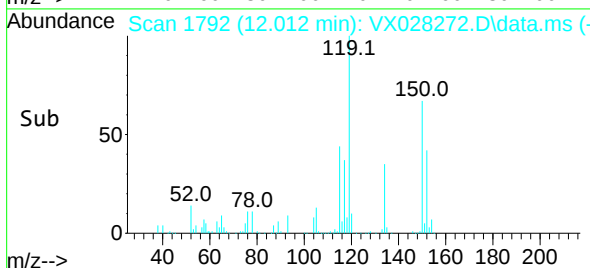
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

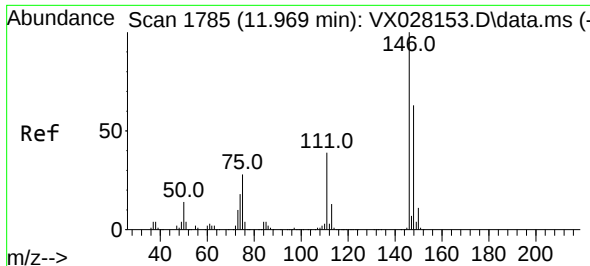


#86
 p-Isopropyltoluene
 Concen: 52.284 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028272.D
 Acq: 22 Apr 2022 12:14



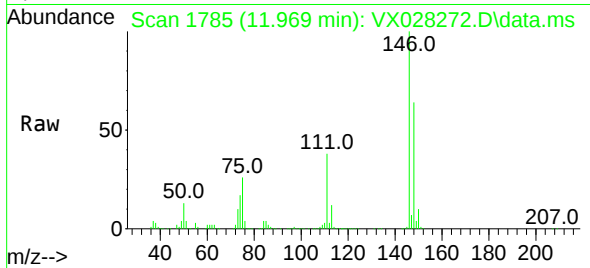
Tgt Ion:119 Resp: 1042670
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.0 39.0
 91 22.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 52.363 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

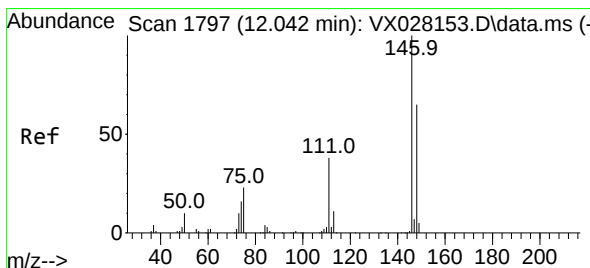
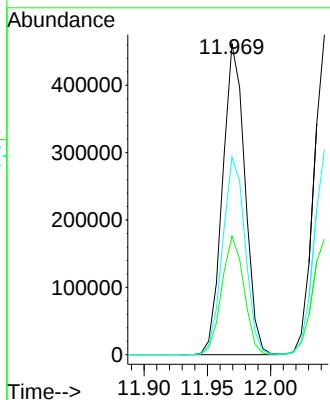
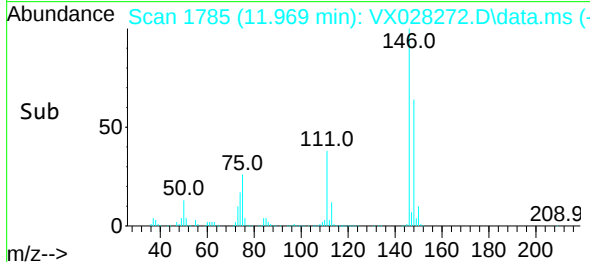
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



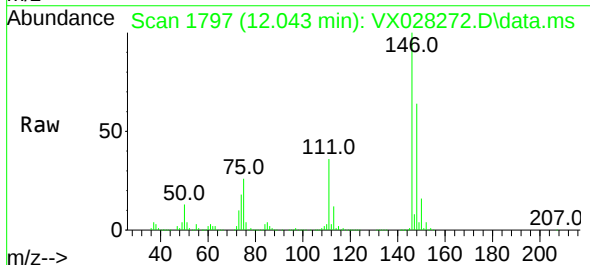
Tgt Ion:146 Resp: 566420
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.1
148 64.3 31.6 94.7

Manual Integrations
APPROVED

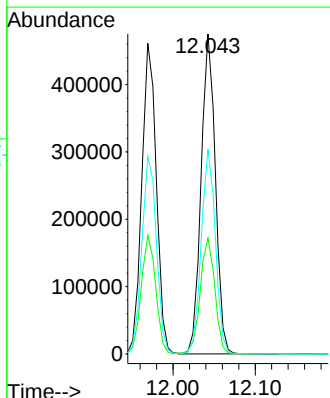
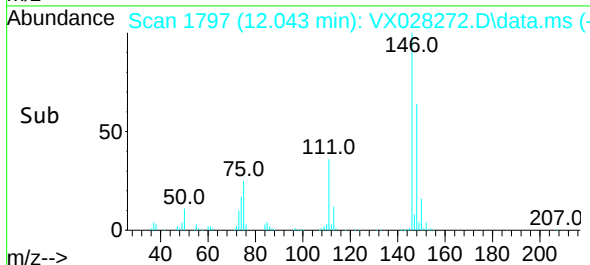
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

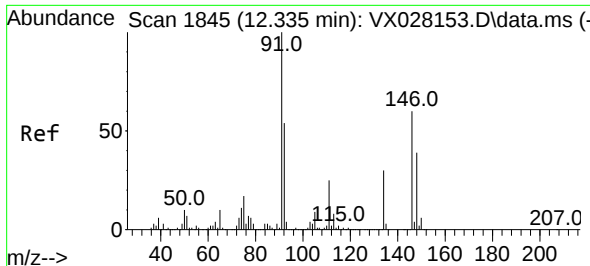


#88
1,4-Dichlorobenzene
Concen: 50.404 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



Tgt Ion:146 Resp: 572485
Ion Ratio Lower Upper
146 100
111 37.1 19.2 57.6
148 64.0 32.3 96.9





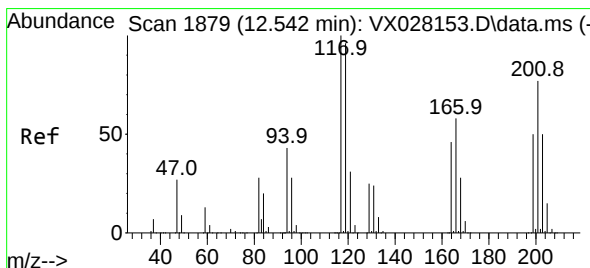
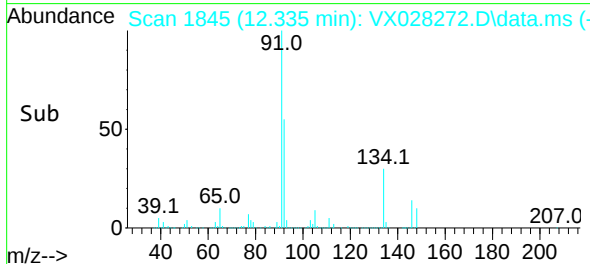
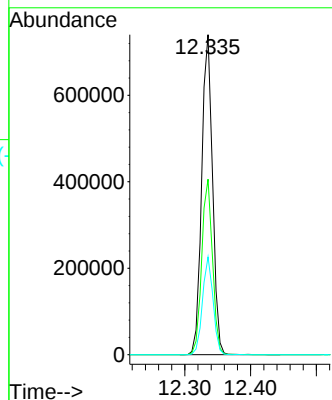
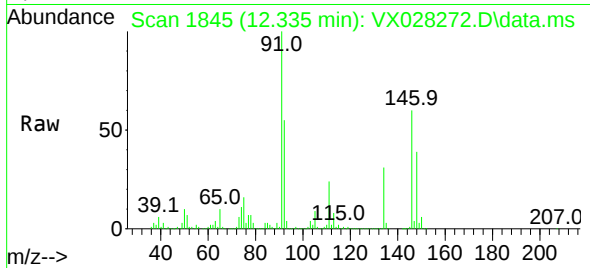
#89
n-Butylbenzene
Concen: 51.850 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 849050
Ion Ratio Lower Upper
91 100
92 54.4 27.8 83.3
134 29.7 13.3 39.8

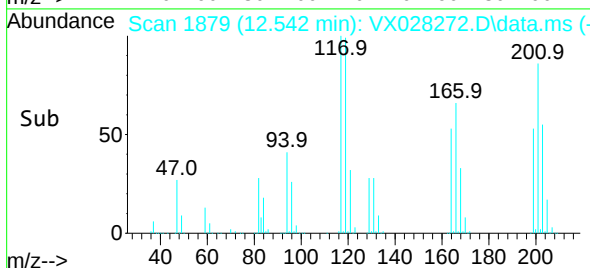
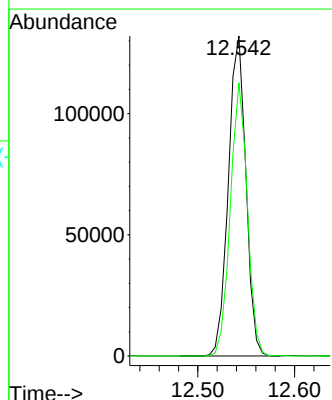
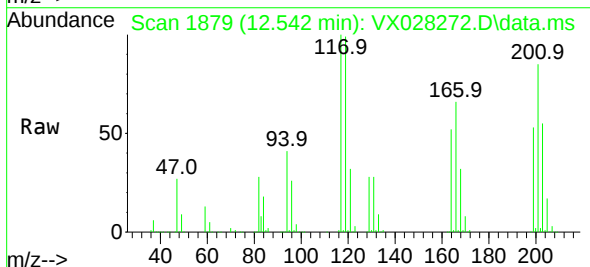
Manual Integrations
APPROVED

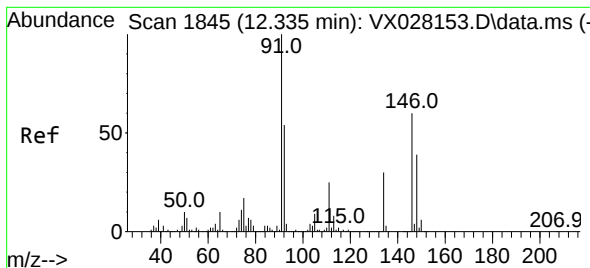
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#90
Hexachloroethane
Concen: 46.423 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

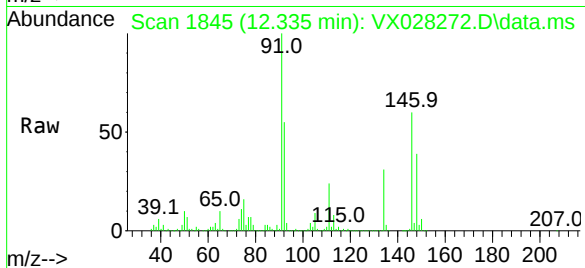
Tgt Ion:117 Resp: 166096
Ion Ratio Lower Upper
117 100
201 82.9 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 51.477 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

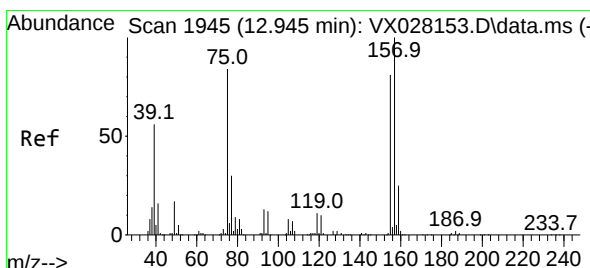
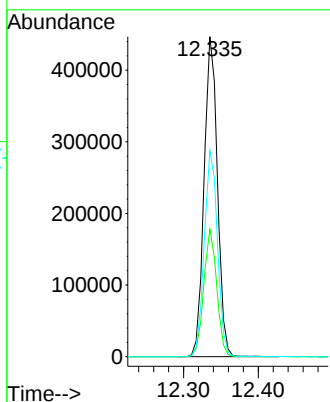
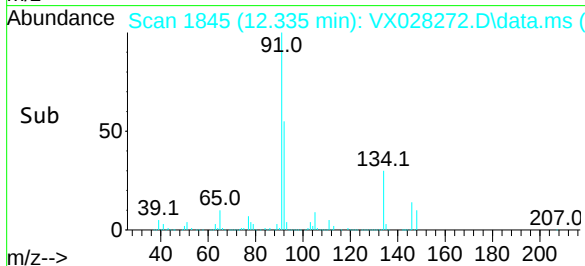
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



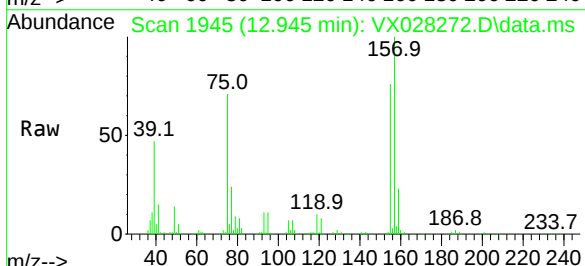
Tgt Ion:146 Resp: 553170
Ion Ratio Lower Upper
146 100
111 38.9 21.0 63.0
148 64.2 32.6 97.7

Manual Integrations
APPROVED

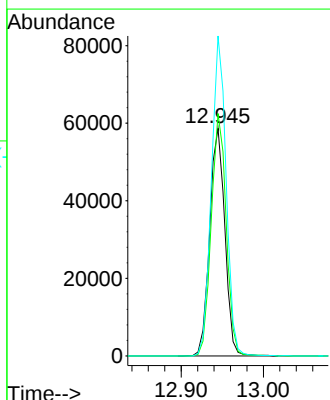
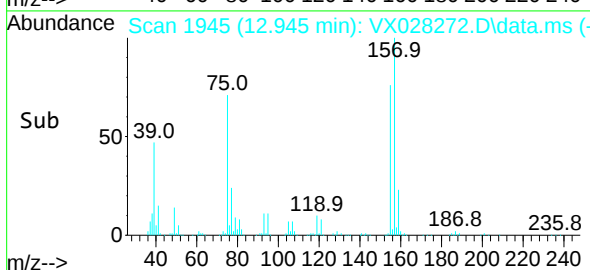
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

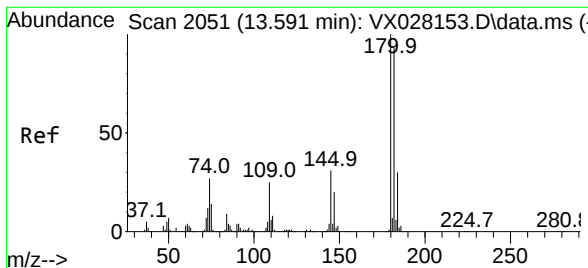


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.162 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



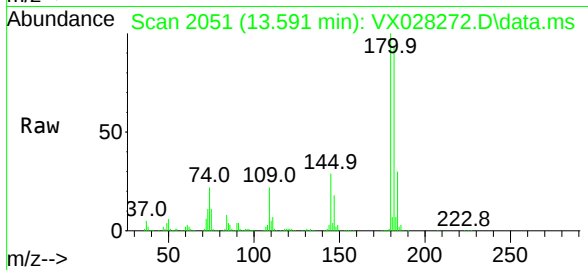
Tgt Ion: 75 Resp: 75236
Ion Ratio Lower Upper
75 100
155 104.8 47.0 141.2
157 136.1 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 57.064 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

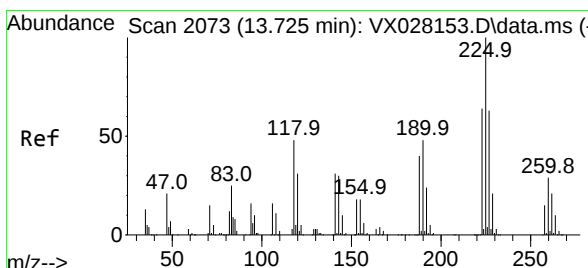
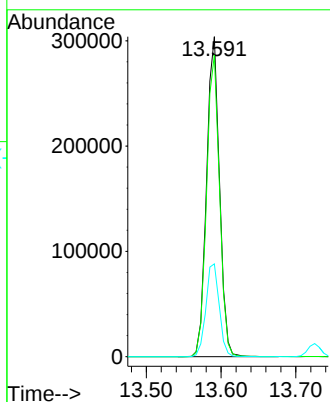
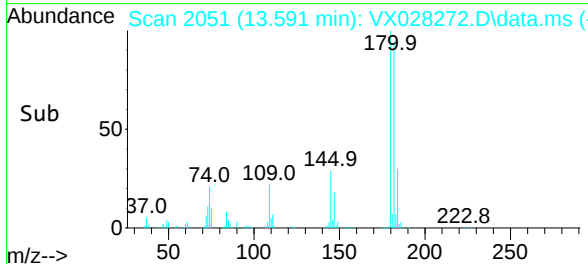
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



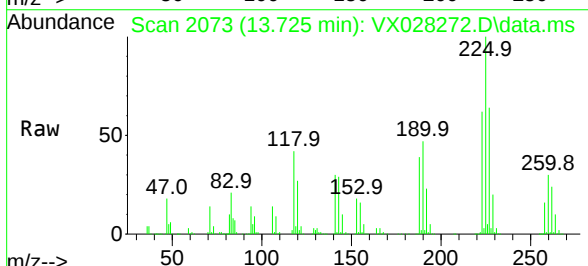
Tgt Ion:180 Resp: 364718
Ion Ratio Lower Upper
180 100
182 94.6 47.7 143.1
145 30.0 15.2 45.5

Manual Integrations
APPROVED

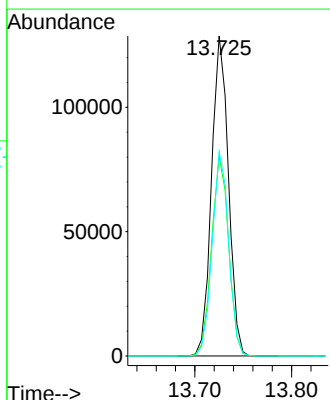
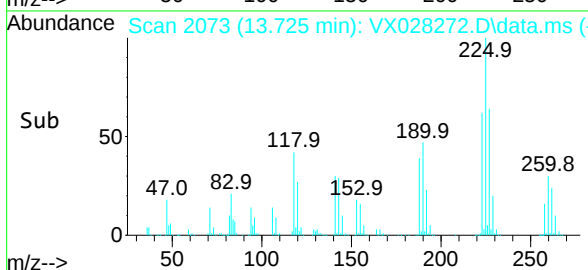
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

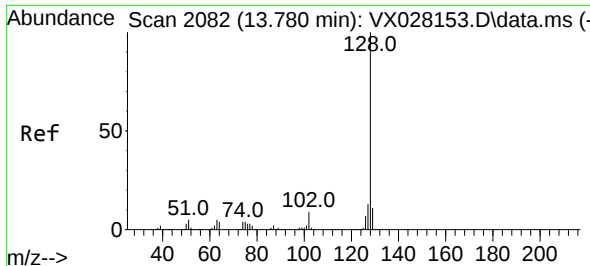


#94
Hexachlorobutadiene
Concen: 54.603 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14



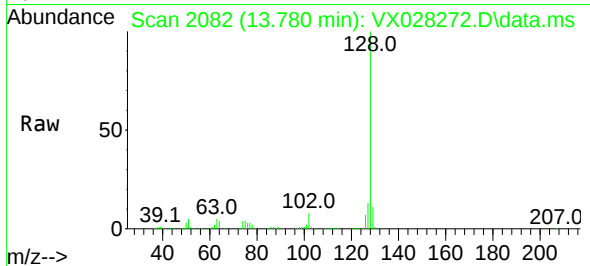
Tgt Ion:225 Resp: 155727
Ion Ratio Lower Upper
225 100
223 63.1 34.2 102.5
227 62.3 33.9 101.7





#95
Naphthalene
Concen: 54.999 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

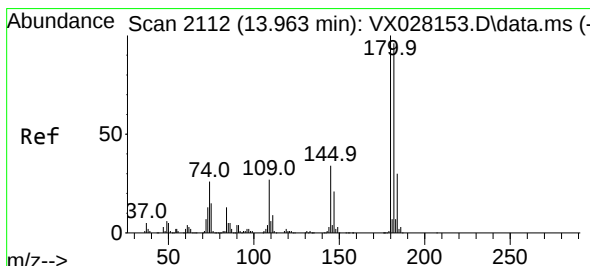
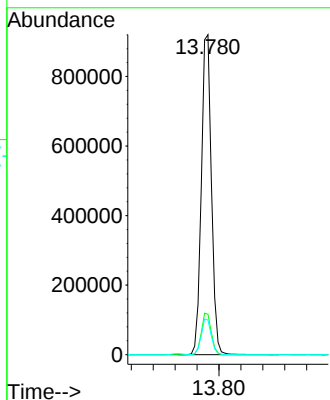
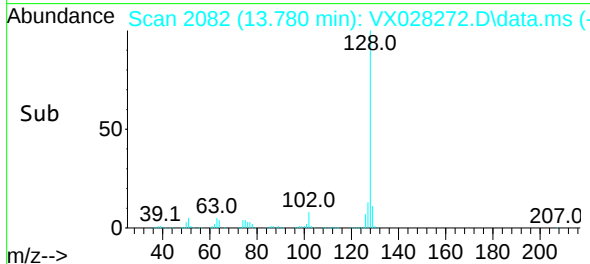
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 117100
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.138 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028272.D
Acq: 22 Apr 2022 12:14

Tgt Ion:180 Resp: 352190
Ion Ratio Lower Upper
180 100
182 96.3 50.0 149.8
145 32.3 16.2 48.5

