

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032155.D
 Acq On : 17 Oct 2022 13:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 03:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220701	97.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.480%#			
35) Dibromofluoromethane	5.391	113	165912	102.882	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.760%#			
50) Toluene-d8	8.653	98	606167	107.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 214.320%#			
62) 4-Bromofluorobenzene	11.079	95	247035	114.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 229.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	156231	99.572	ug/l	99
3) Chloromethane	1.288	50	142744	94.224	ug/l	98
4) Vinyl Chloride	1.374	62	164833	97.642	ug/l	97
5) Bromomethane	1.612	94	111048	88.872	ug/l	99
6) Chloroethane	1.685	64	120524	96.170	ug/l	98
7) Trichlorofluoromethane	1.886	101	245281	93.122	ug/l	100
8) Diethyl Ether	2.136	74	83533	95.936	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	117246	94.184	ug/l	92
10) Methyl Iodide	2.453	142	153723	101.859	ug/l	99
11) Tert butyl alcohol	3.050	59	139069	445.515	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	110785	95.255	ug/l	91
13) Acrolein	2.239	56	121804	463.583	ug/l	100
14) Allyl chloride	2.666	41	210987	102.651	ug/l	96
15) Acrylonitrile	3.069	53	379920	507.002	ug/l	99
16) Acetone	2.392	43	239622	439.104	ug/l	96
17) Carbon Disulfide	2.514	76	288380	98.815	ug/l	98
18) Methyl Acetate	2.709	43	228425	102.782	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	518995	107.505	ug/l	98
20) Methylene Chloride	2.788	84	157122	93.647	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	157531	99.966	ug/l	97
22) Diisopropyl ether	3.764	45	510867	100.047	ug/l	99
23) Vinyl Acetate	3.727	43	2082384	522.046	ug/l	99
24) 1,1-Dichloroethane	3.611	63	289069	97.131	ug/l	99
25) 2-Butanone	4.568	43	534887	458.742	ug/l	100
26) 2,2-Dichloropropane	4.477	77	245840	104.955	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	186377	98.332	ug/l	96
28) Bromochloromethane	4.904	49	112291	92.345	ug/l	92
29) Tetrahydrofuran	5.013	42	347480	496.887	ug/l	96
30) Chloroform	5.099	83	331946	101.914	ug/l	99
31) Cyclohexane	5.471	56	254704	100.699	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	303292	116.147	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239109	102.485	ug/l	99
37) Ethyl Acetate	4.721	43	227497	97.167	ug/l	99
38) Carbon Tetrachloride	5.678	117	269298	108.992	ug/l	98
39) Methylcyclohexane	7.385	83	285319	101.898	ug/l	97
40) Benzene	6.044	78	655194	100.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124812	103.386	ug/l	99
42) 1,2-Dichloroethane	6.086	62	275749	100.882	ug/l	98
43) Isopropyl Acetate	6.342	43	376765	106.788	ug/l	99
44) Trichloroethene	7.129	130	183441	99.762	ug/l	98
45) 1,2-Dichloropropane	7.434	63	164702	101.303	ug/l	94
46) Dibromomethane	7.580	93	127974	102.464	ug/l	96
47) Bromodichloromethane	7.824	83	257427	110.642	ug/l	100
48) Methyl methacrylate	7.696	41	191232	106.947	ug/l	99
49) 1,4-Dioxane	7.702	88	65701	1792.051	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	1134496	524.376	ug/l	97
52) Toluene	8.720	92	441523	106.188	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	277209	133.568	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	289484	118.782	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	176149	111.599	ug/l	97
56) Ethyl methacrylate	9.116	69	274510	121.775	ug/l	99
57) 1,3-Dichloropropane	9.311	76	298191	107.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	592416	530.460	ug/l	95
59) 2-Hexanone	9.433	43	846011	527.826	ug/l	99
60) Dibromochloromethane	9.525	129	198611	121.629	ug/l	100
61) 1,2-Dibromoethane	9.610	107	190926	112.005	ug/l	99
64) Tetrachloroethene	9.275	164	181930	99.357	ug/l	96
65) Chlorobenzene	10.080	112	473830	97.874	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	182045	108.517	ug/l	99
67) Ethyl Benzene	10.195	91	866868	101.884	ug/l	99
68) m/p-Xylenes	10.305	106	667197	204.494	ug/l	96
69) o-Xylene	10.640	106	332420	103.543	ug/l	98
70) Styrene	10.659	104	560935	108.121	ug/l	99
71) Bromoform	10.799	173	139946	118.597	ug/l #	100
73) Isopropylbenzene	10.964	105	886973	115.439	ug/l	98
74) N-amyl acetate	10.848	43	341172	126.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	258490	104.940	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	246588m	109.919	ug/l	
77) Bromobenzene	11.201	156	206202	110.246	ug/l	96
78) n-propylbenzene	11.305	91	1013380	110.065	ug/l	99
79) 2-Chlorotoluene	11.366	91	615064	108.145	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	771334	113.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	80954	141.443	ug/l	91
82) 4-Chlorotoluene	11.457	91	734995	110.899	ug/l	98
83) tert-Butylbenzene	11.719	119	739948	110.912	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	766459	112.313	ug/l	98
85) sec-Butylbenzene	11.890	105	947448	113.477	ug/l	98
86) p-Isopropyltoluene	12.012	119	690613	99.362	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	361767	100.082	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	373781	102.474	ug/l	99
89) n-Butylbenzene	12.335	91	574226	100.208	ug/l	99
90) Hexachloroethane	12.543	117	104118	107.948	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	305382	88.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43507	99.127	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	190270	99.180	ug/l	98
94) Hexachlorobutadiene	13.725	225	75458	93.850	ug/l	98
95) Naphthalene	13.774	128	645798	100.733	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190612	99.248	ug/l	99

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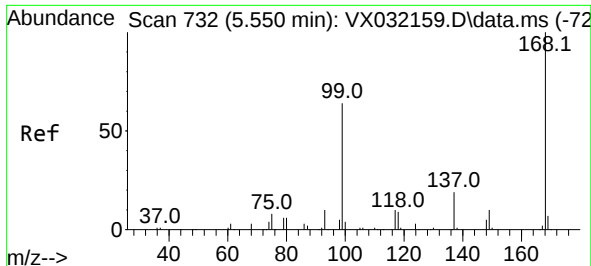
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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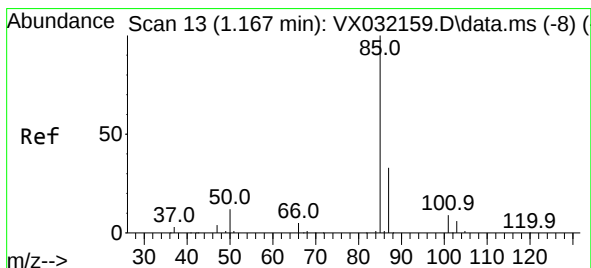
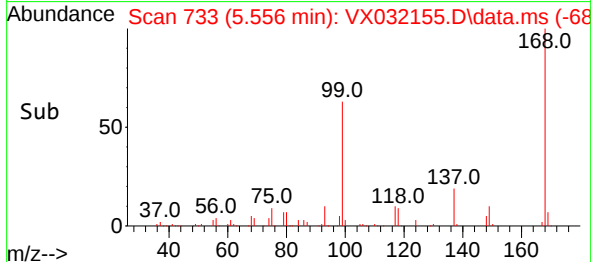
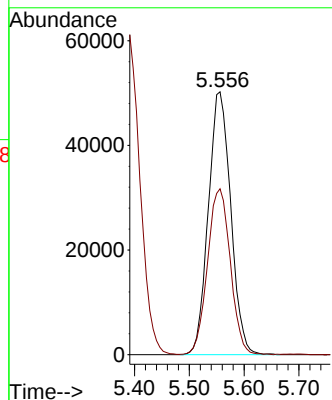
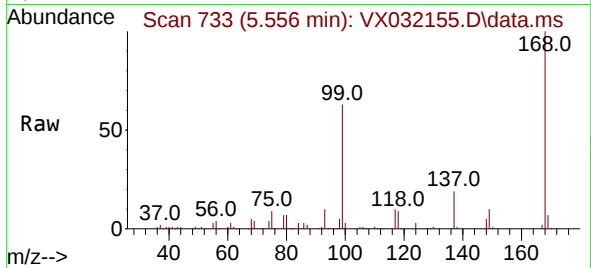
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032155.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 142500
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2

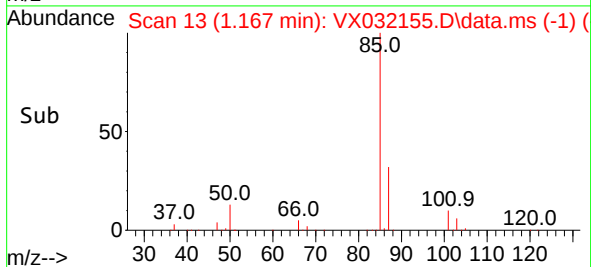
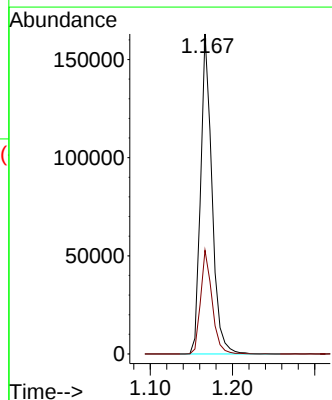
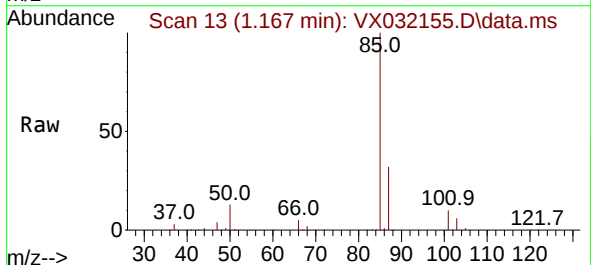
Manual Integrations
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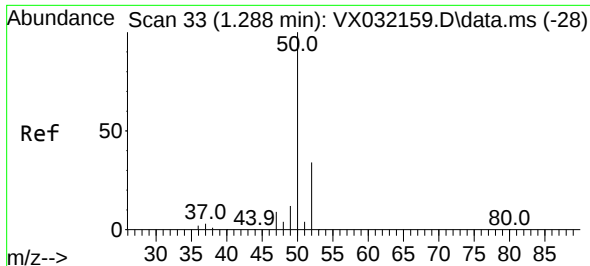
Reviewed By :John Carlone 10/18/2022
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#2
Dichlorodifluoromethane
Concen: 99.572 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 85 Resp: 156231
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





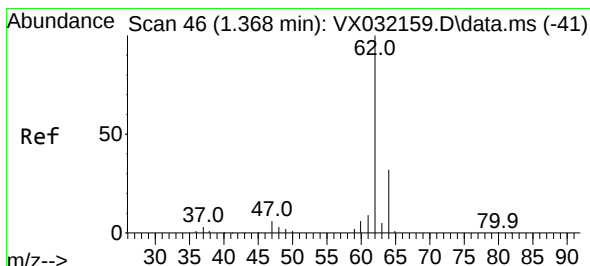
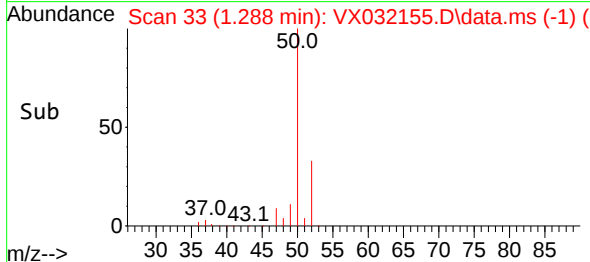
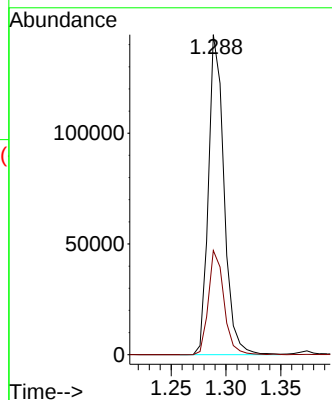
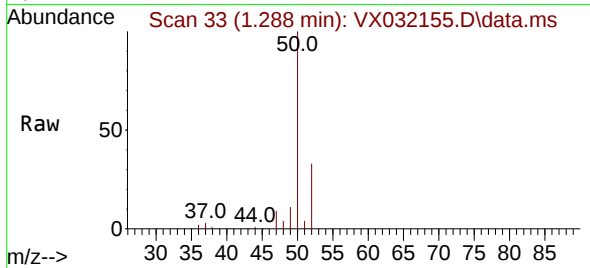
#3
Chloromethane
Concen: 94.224 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 142744
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

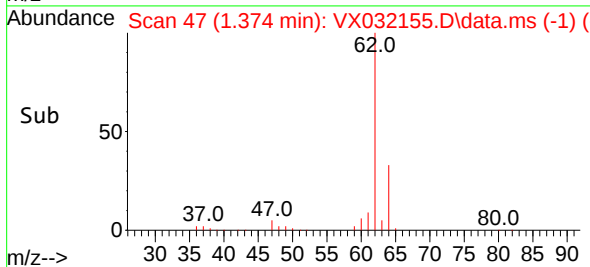
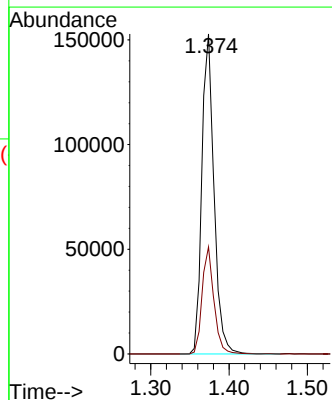
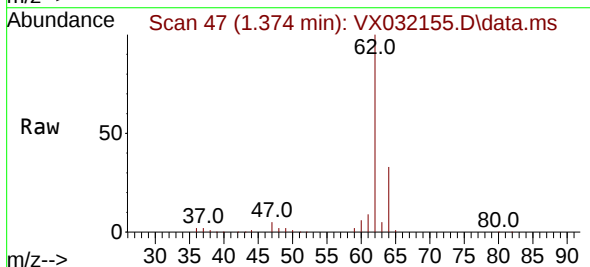
Manual Integrations
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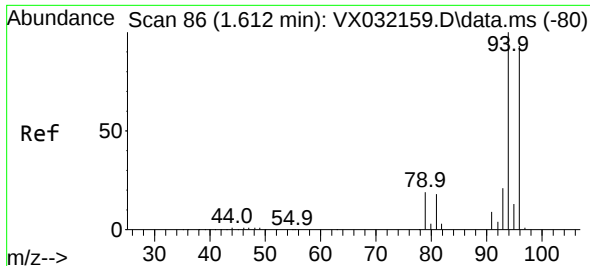
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#4
Vinyl Chloride
Concen: 97.642 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

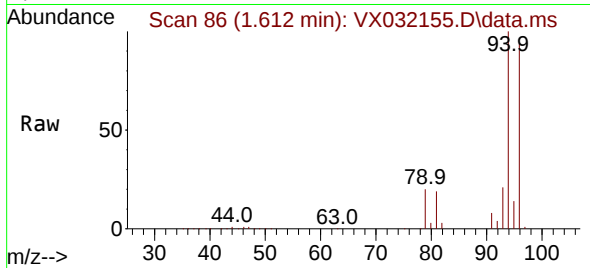
Tgt Ion: 62 Resp: 164833
Ion Ratio Lower Upper
62 100
64 33.4 25.3 37.9





#5
Bromomethane
Concen: 88.872 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

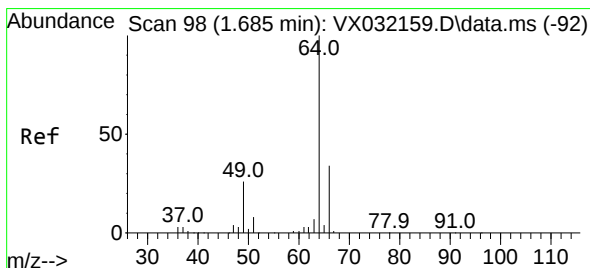
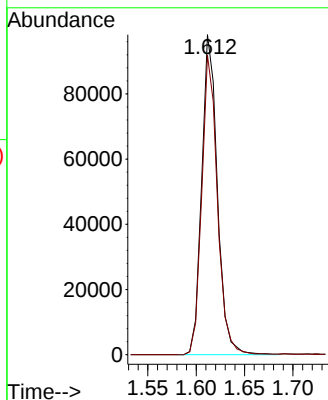
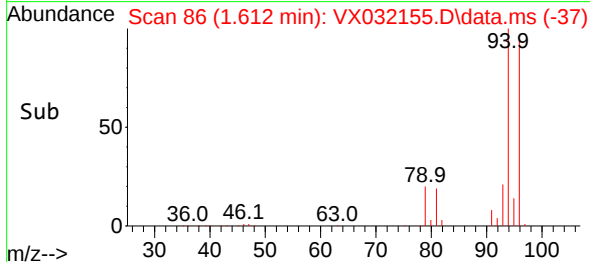
Instrument :
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Tgt Ion: 94 Resp: 111048
Ion Ratio Lower Upper
94 100
96 93.6 74.4 111.6

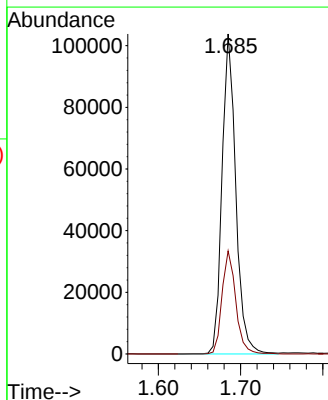
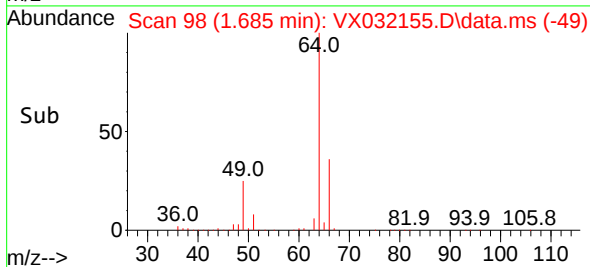
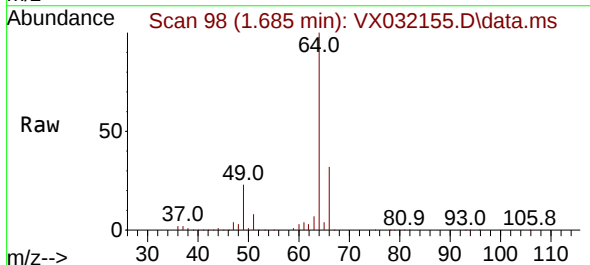
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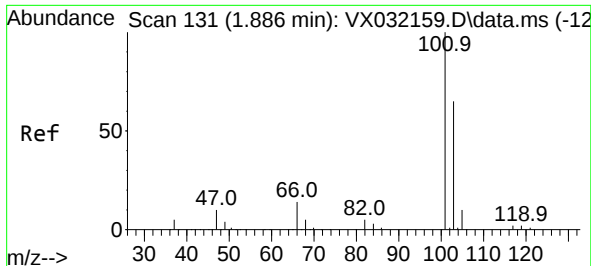
Reviewed By :John Carlone 10/18/2022
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#6
Chloroethane
Concen: 96.170 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032155.D
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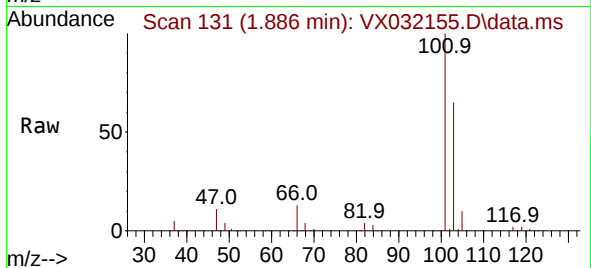
Tgt Ion: 64 Resp: 120524
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.4





#7
Trichlorofluoromethane
Concen: 93.122 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032155.D
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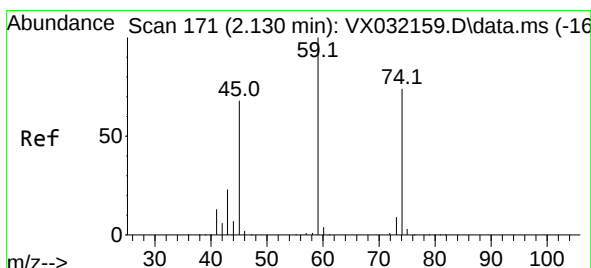
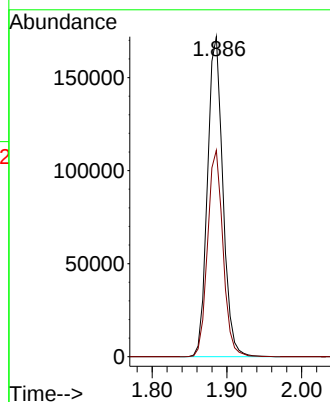
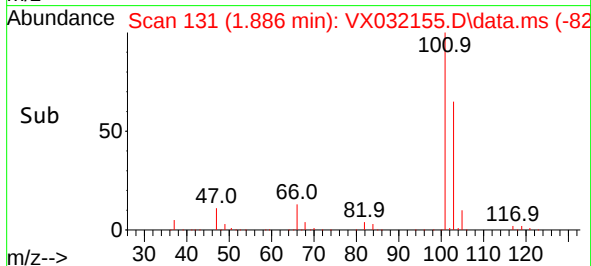
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 24528
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

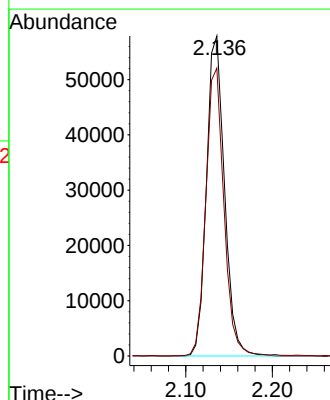
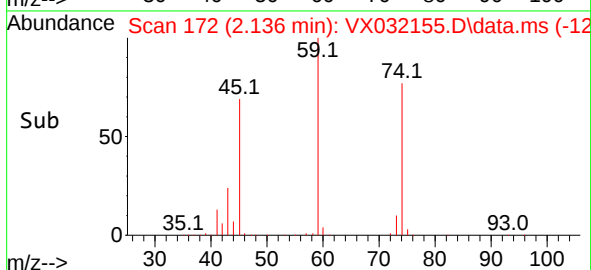
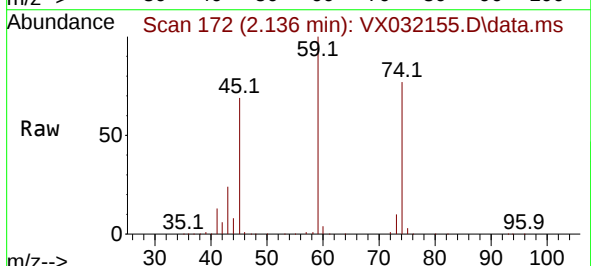
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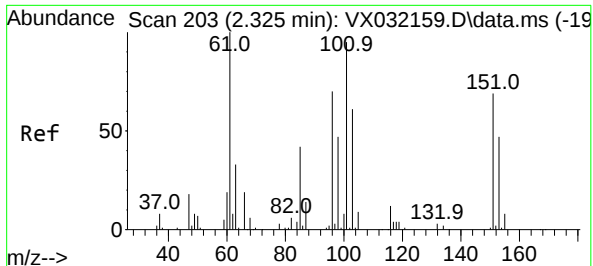
Reviewed By :John Carlone 10/18/2022
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#8
Diethyl Ether
Concen: 95.936 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032155.D
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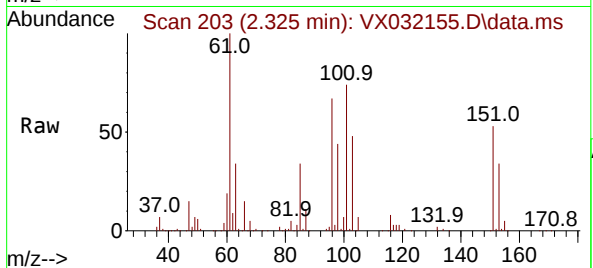
Tgt Ion: 74 Resp: 83533
Ion Ratio Lower Upper
74 100
45 90.6 48.5 145.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.184 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

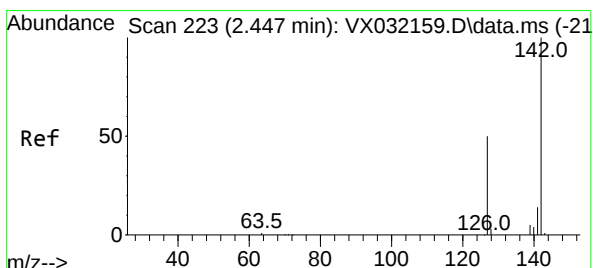
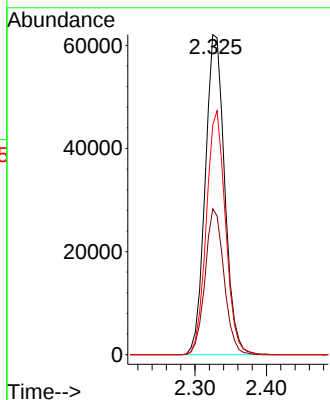
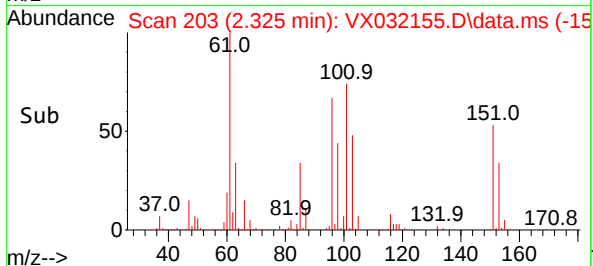
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



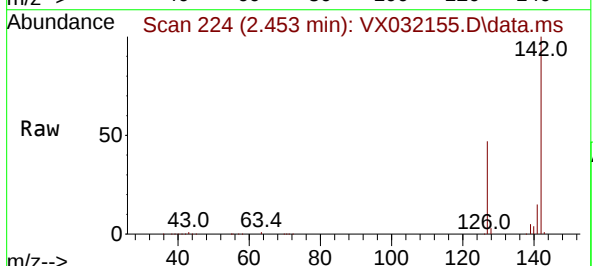
Tgt Ion:101 Resp: 117240
Ion Ratio Lower Upper
101 100
85 44.3 38.6 57.8
151 75.1 54.0 81.0

Manual Integrations
APPROVED

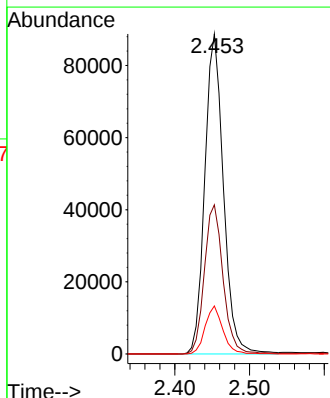
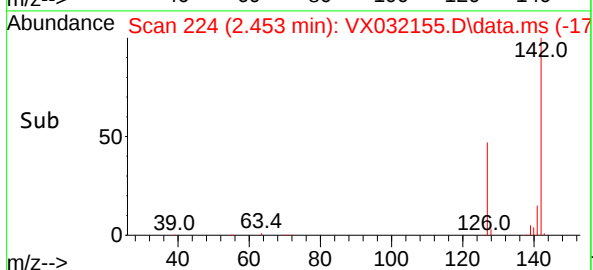
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

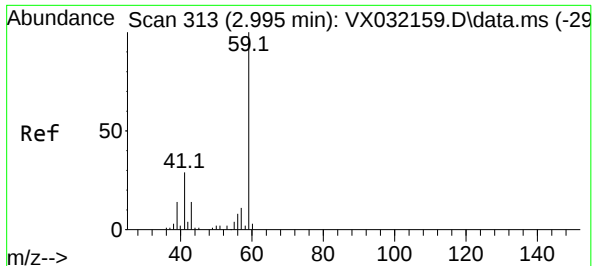


#10
Methyl Iodide
Concen: 101.859 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



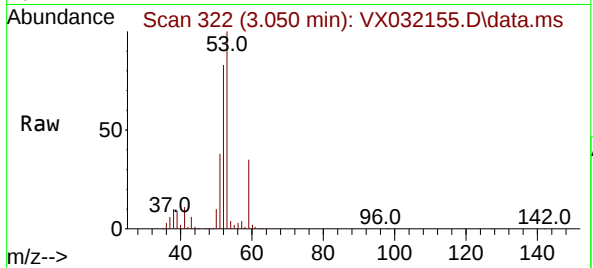
Tgt Ion:142 Resp: 153723
Ion Ratio Lower Upper
142 100
127 47.0 37.4 56.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 445.515 ug/l
RT: 3.050 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

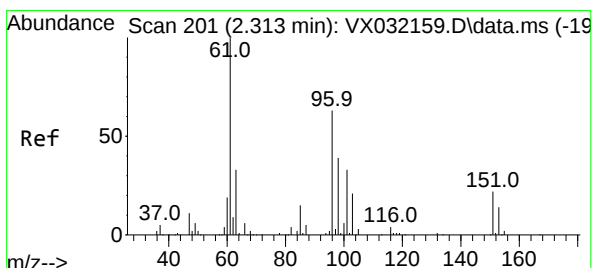
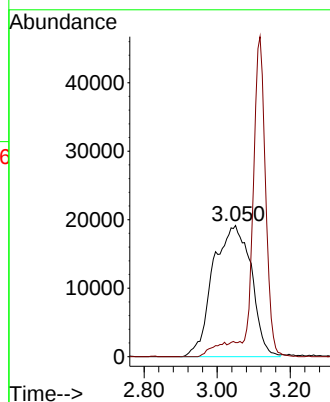
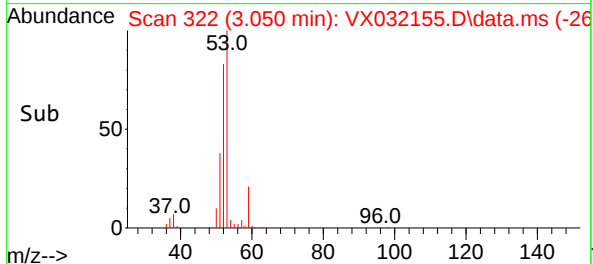
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



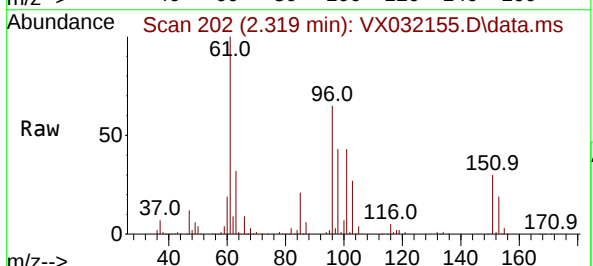
Tgt Ion: 59 Resp: 139069
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

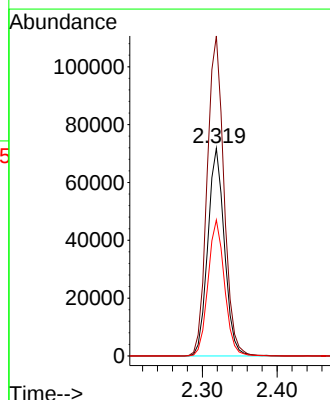
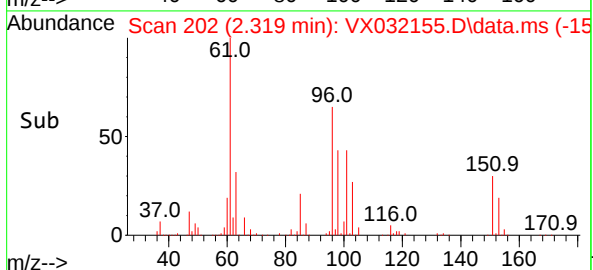
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

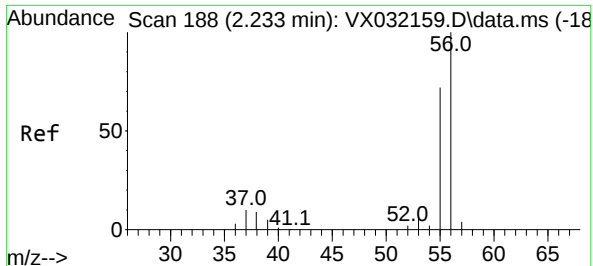


#12
1,1-Dichloroethene
Concen: 95.255 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 96 Resp: 110785
Ion Ratio Lower Upper
96 100
61 154.0 135.3 202.9
98 65.5 49.4 74.2





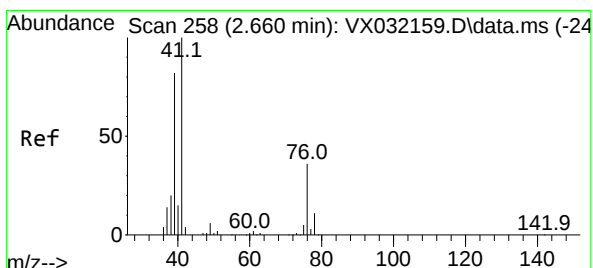
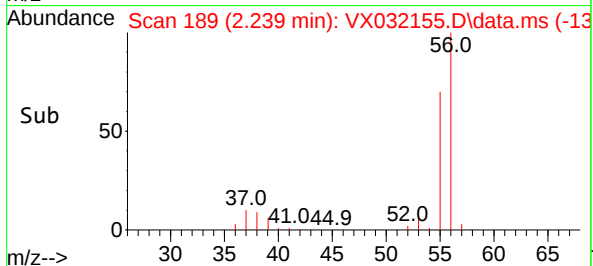
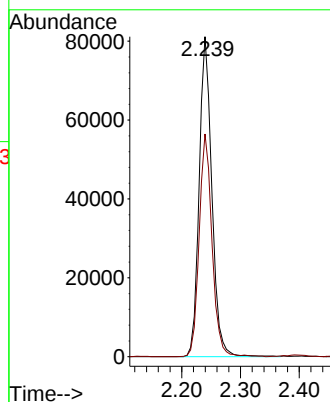
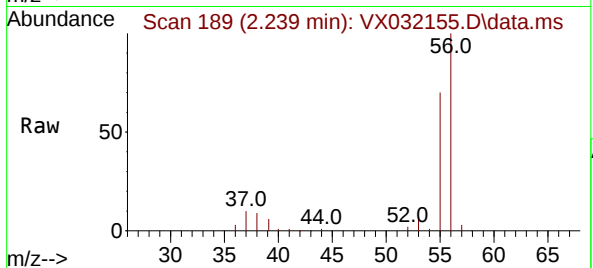
#13
Acrolein
Concen: 463.583 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 121804
Ion Ratio Lower Upper
56 100
55 70.2 56.0 84.0

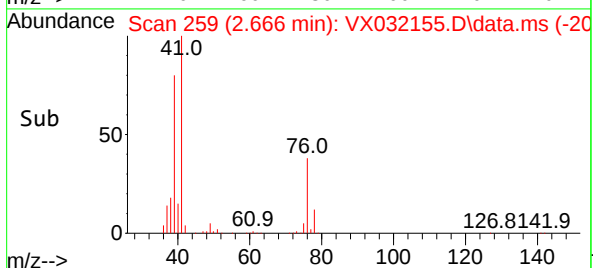
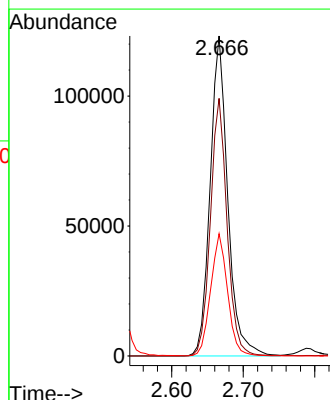
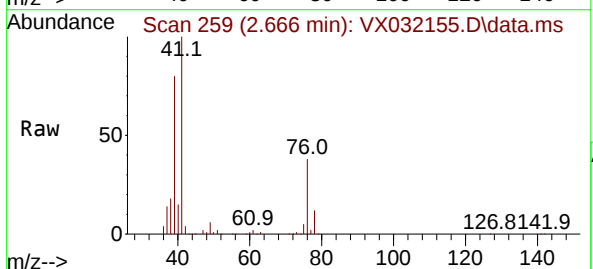
Manual Integrations
APPROVED

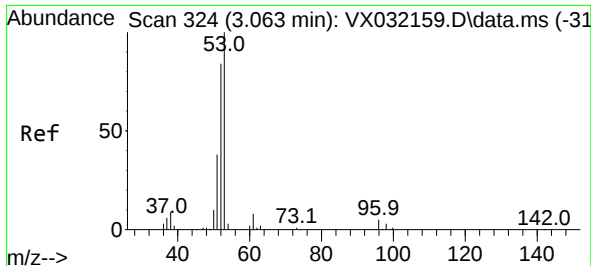
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 102.651 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

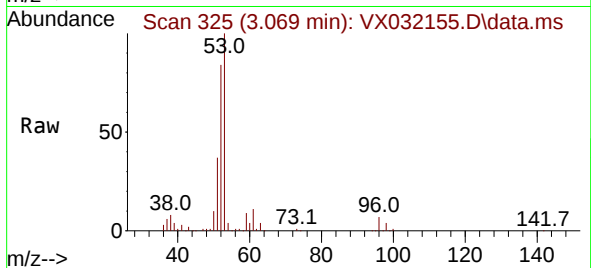
Tgt Ion: 41 Resp: 210987
Ion Ratio Lower Upper
41 100
39 76.2 58.2 87.4
76 36.4 26.9 40.3





#15
Acrylonitrile
Concen: 507.002 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

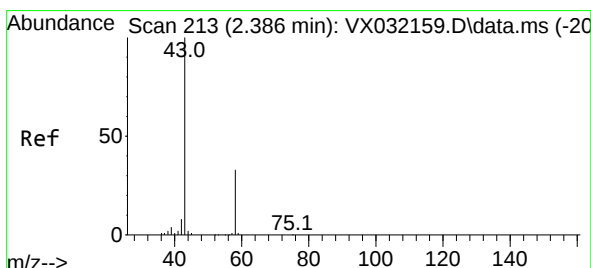
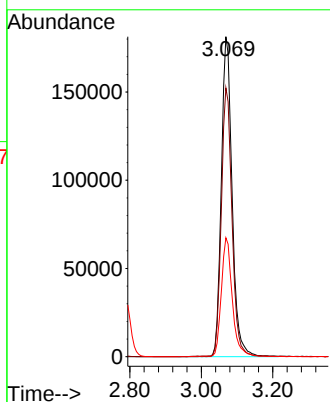
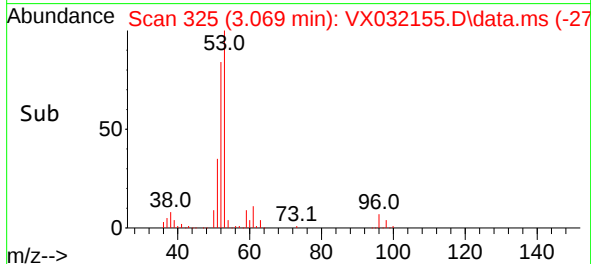
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 379920
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 38.0 30.0 45.0

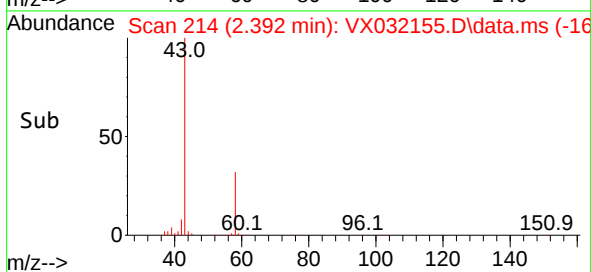
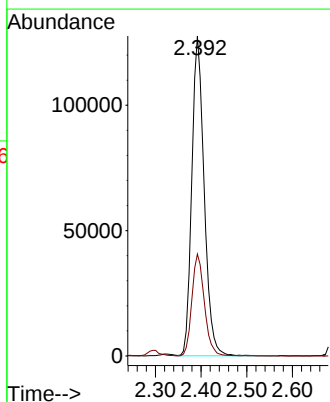
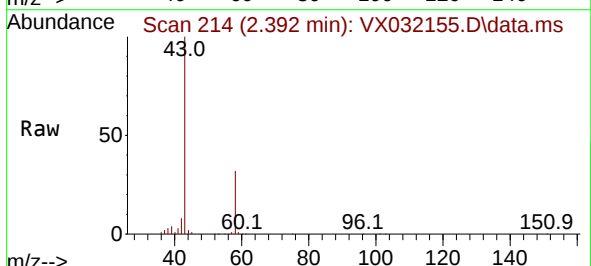
Manual Integrations
APPROVED

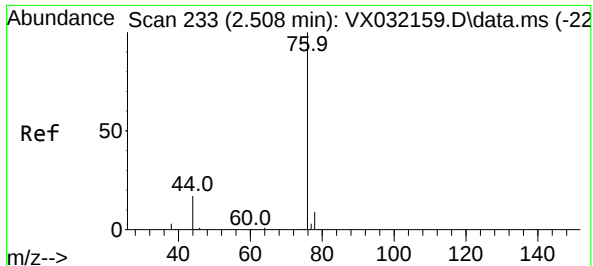
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#16
Acetone
Concen: 439.104 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 43 Resp: 239622
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





#17

Carbon Disulfide

Concen: 98.815 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 288380

Ion Ratio Lower Upper

76 100

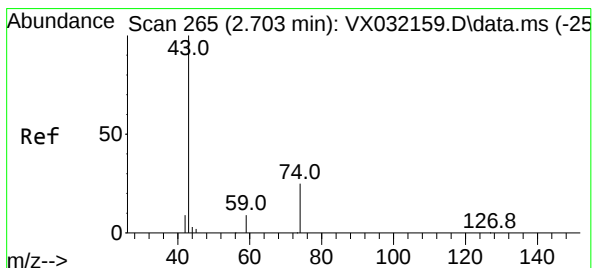
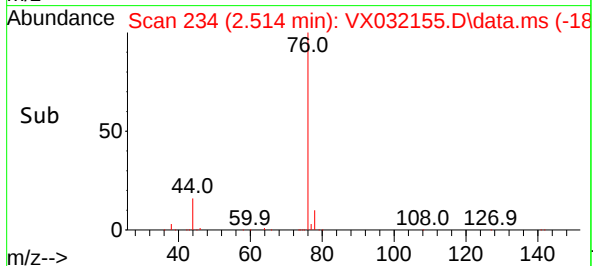
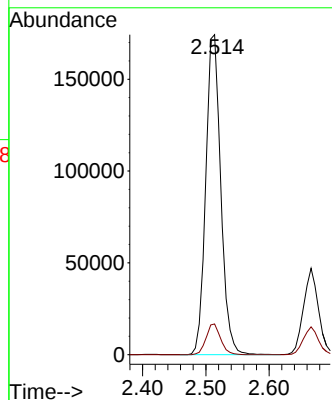
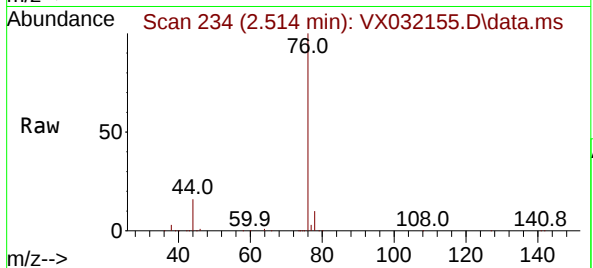
78 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#18

Methyl Acetate

Concen: 102.782 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX032155.D

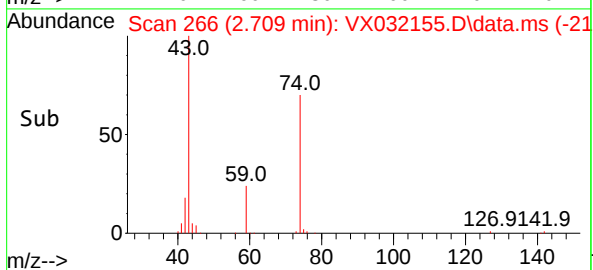
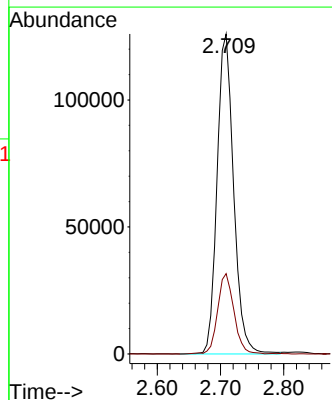
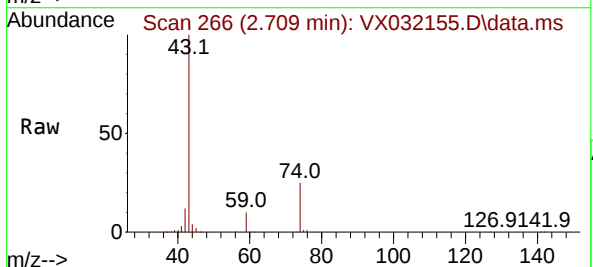
Acq: 17 Oct 2022 13:37

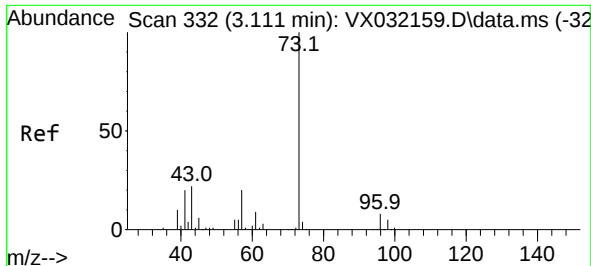
Tgt Ion: 43 Resp: 228425

Ion Ratio Lower Upper

43 100

74 24.8 18.6 27.8





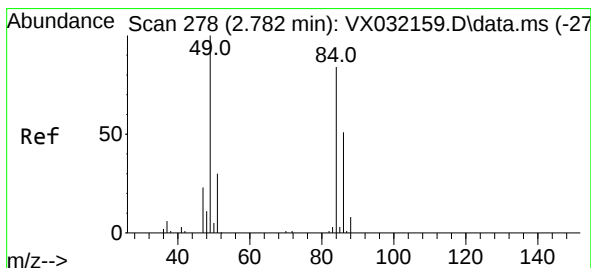
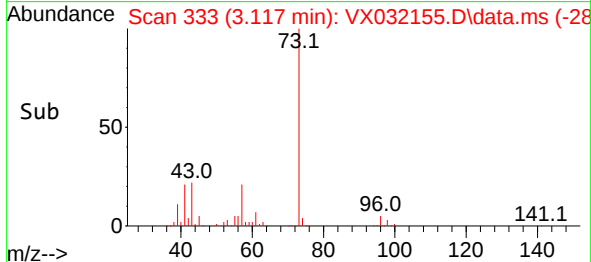
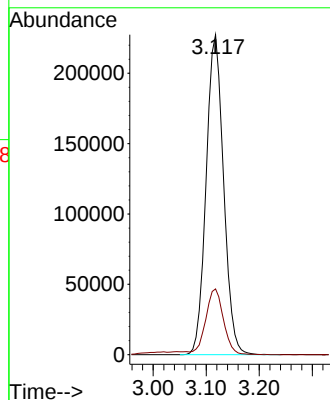
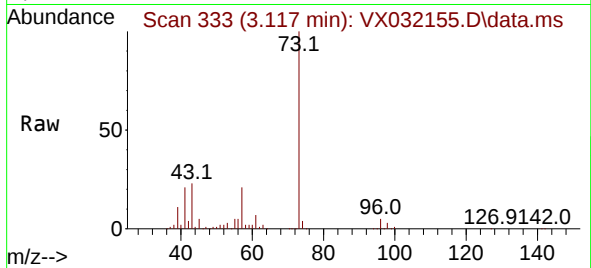
#19
Methyl tert-butyl Ether
Concen: 107.505 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 51899
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8

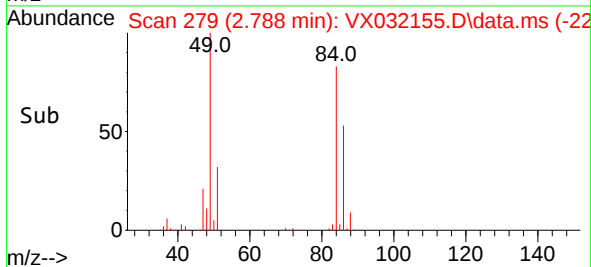
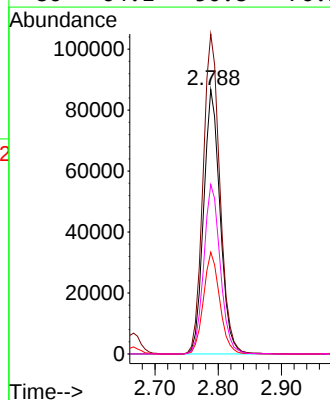
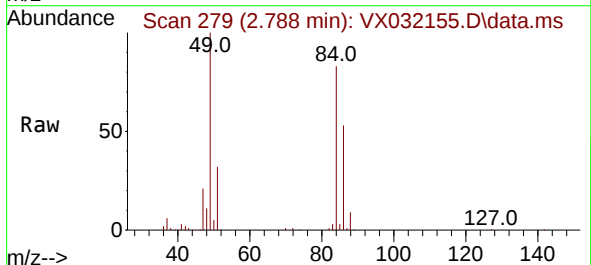
Manual Integrations
APPROVED

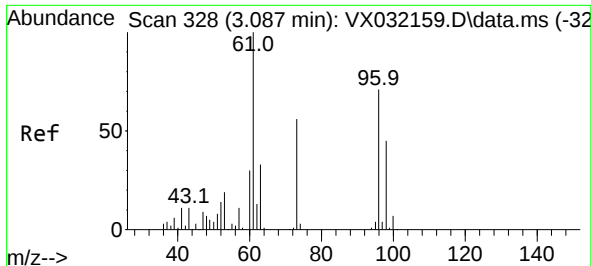
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 93.647 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

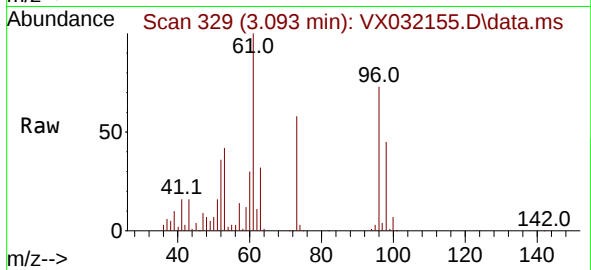
Tgt Ion: 84 Resp: 157122
Ion Ratio Lower Upper
84 100
49 121.0 105.9 158.9
51 38.5 32.2 48.2
86 64.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 99.966 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

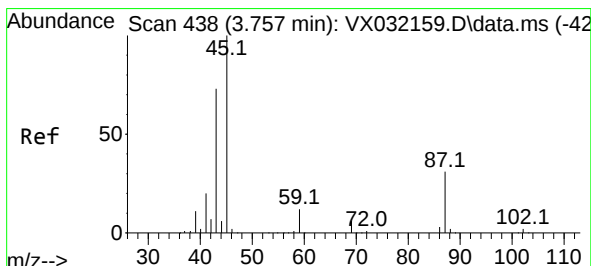
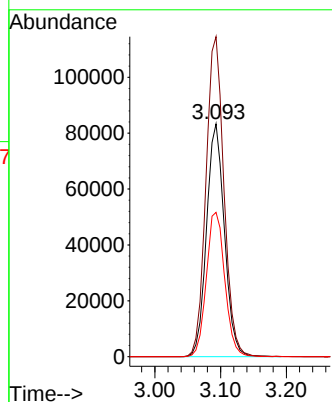
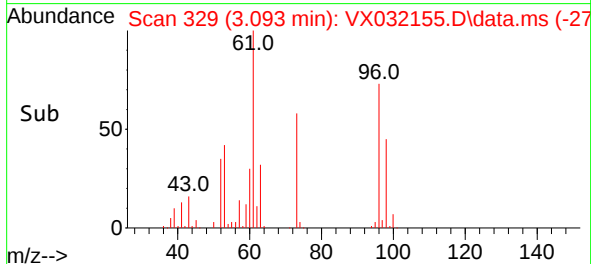
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 15753
Ion Ratio Lower Upper
96 100
61 137.5 106.7 160.1
98 62.0 48.7 73.1

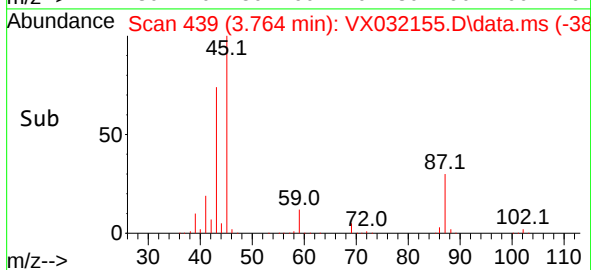
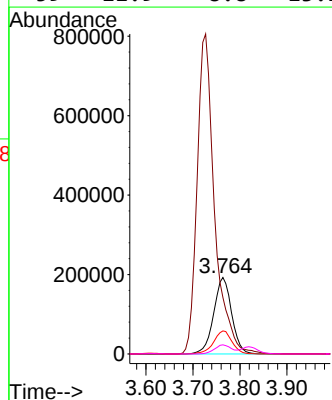
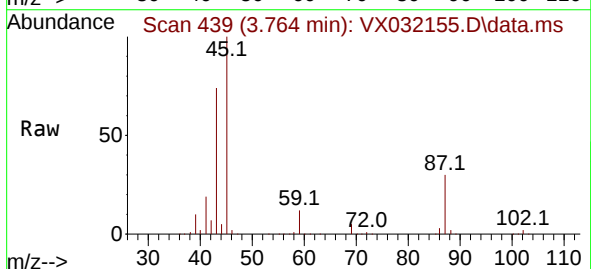
Manual Integrations
APPROVED

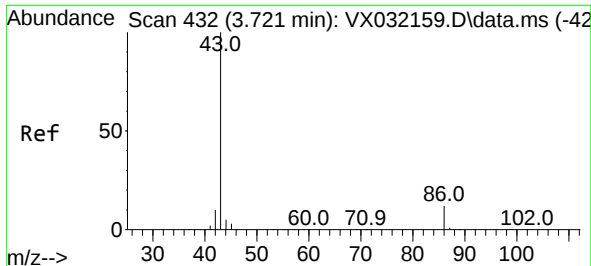
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 100.047 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 45 Resp: 510867
Ion Ratio Lower Upper
45 100
43 73.7 59.0 88.6
87 30.1 22.6 33.8
59 11.9 8.8 13.2





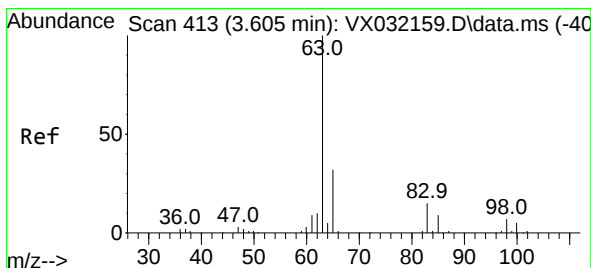
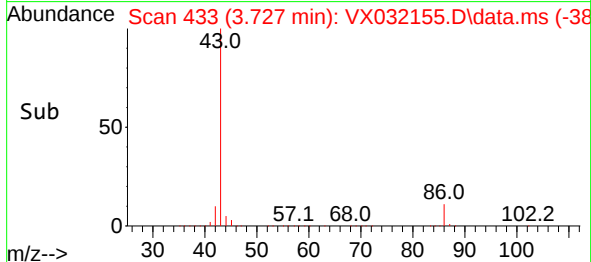
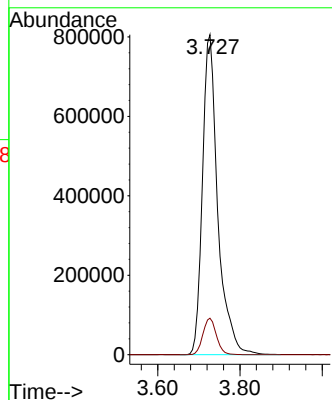
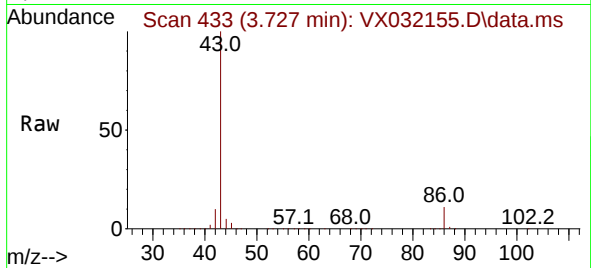
#23
 Vinyl Acetate
 Concen: 522.046 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX032155.D
 Acq: 17 Oct 2022 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 2082384
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.7 13.1

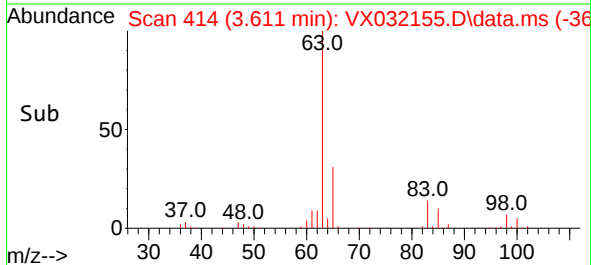
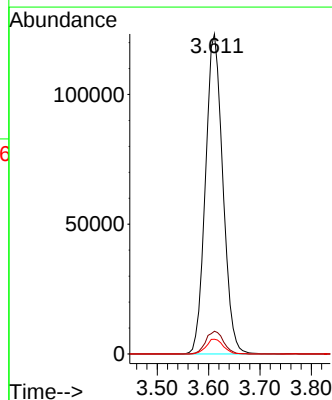
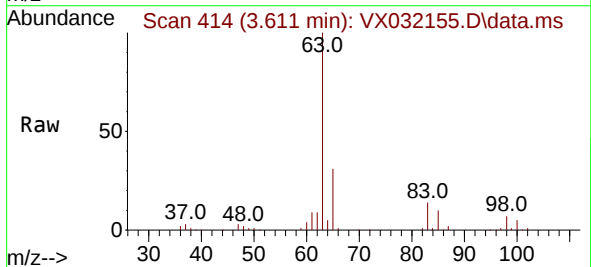
Manual Integrations
 APPROVED

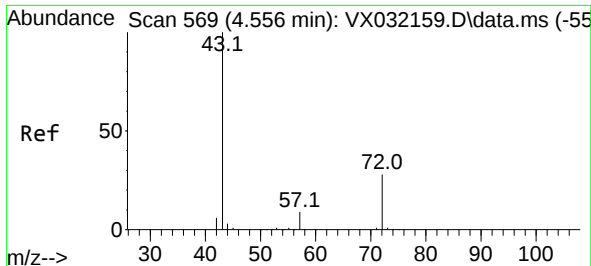
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 97.131 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX032155.D
 Acq: 17 Oct 2022 13:37

Tgt Ion: 63 Resp: 289069
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.6 2.4 7.2





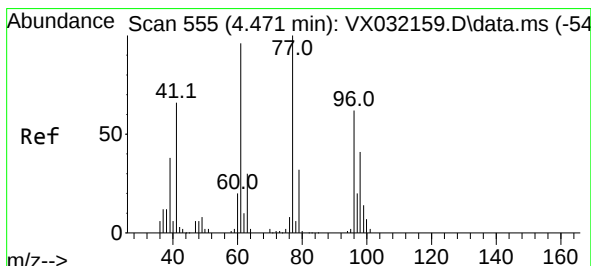
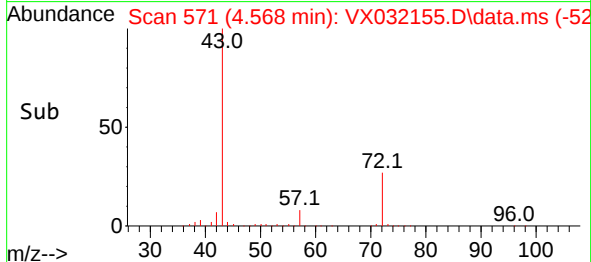
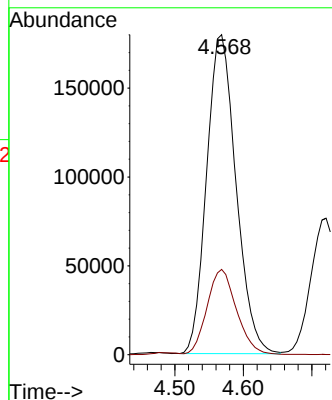
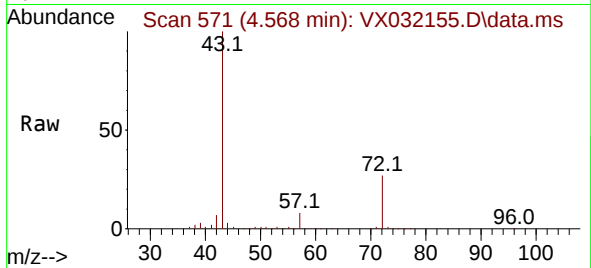
#25
2-Butanone
Concen: 458.742 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 53488
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7

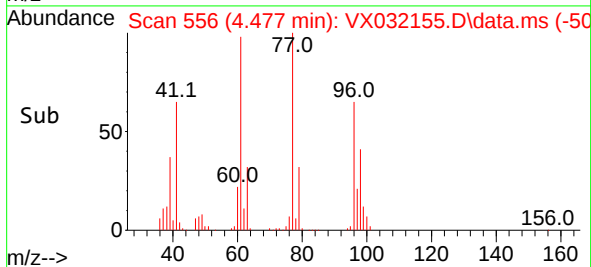
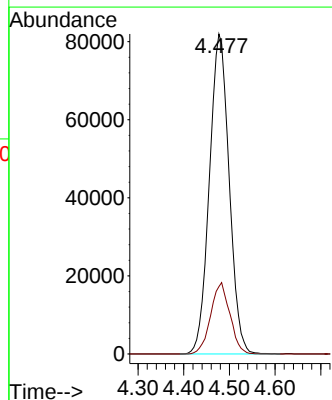
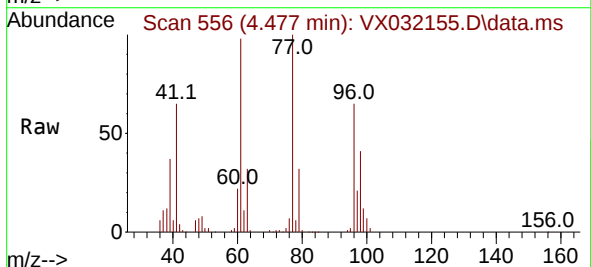
Manual Integrations
APPROVED

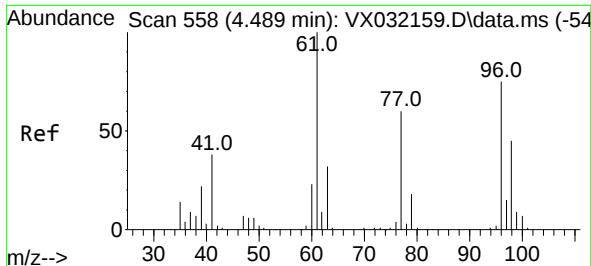
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 104.955 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 77 Resp: 245840
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 98.332 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 18637

Ion Ratio Lower Upper

96 100

61 146.2 0.0 305.2

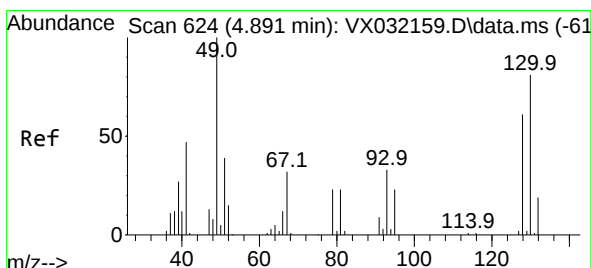
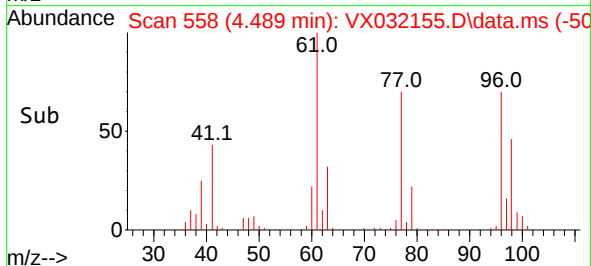
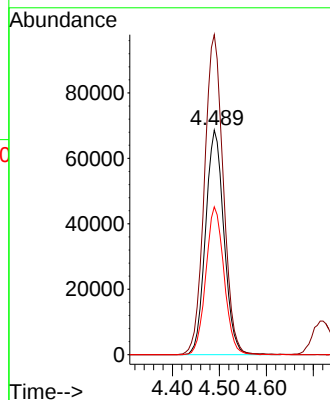
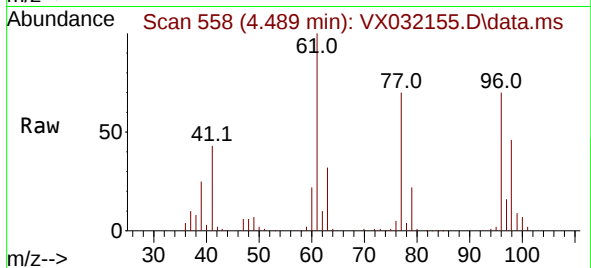
98 65.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 92.345 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.012 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

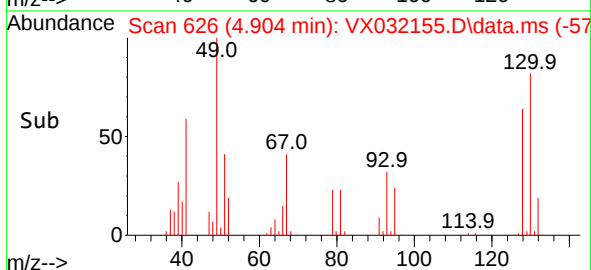
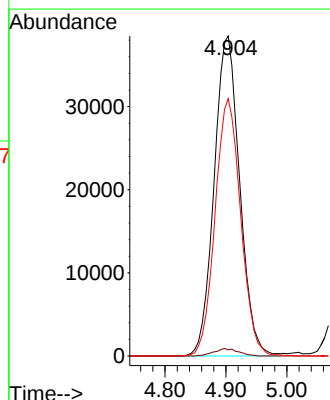
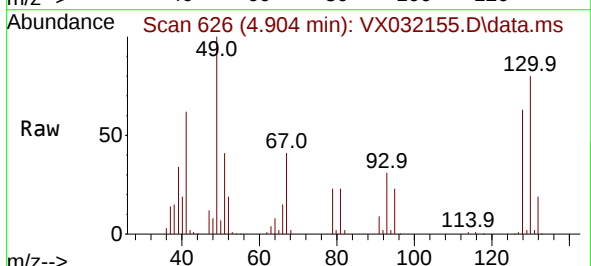
Tgt Ion: 49 Resp: 112291

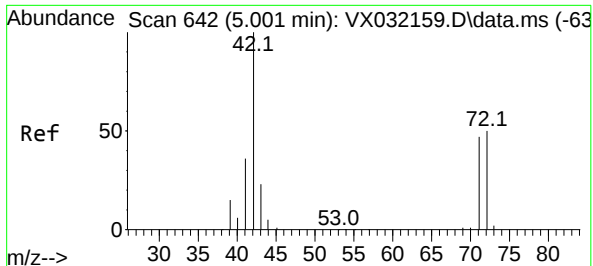
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 80.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 496.887 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 347480

Ion Ratio Lower Upper

42 100

72 48.0 36.4 54.6

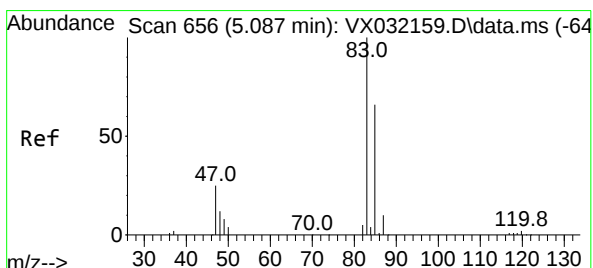
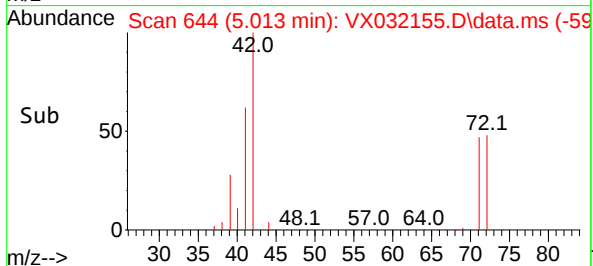
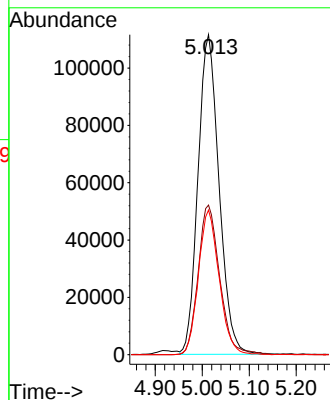
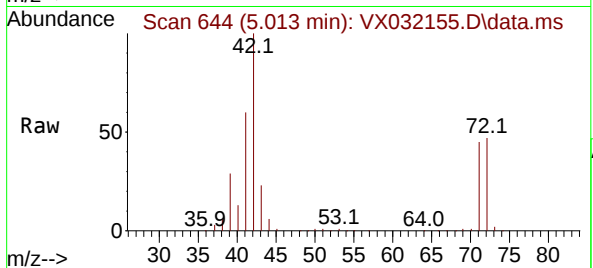
71 44.5 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 101.914 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX032155.D

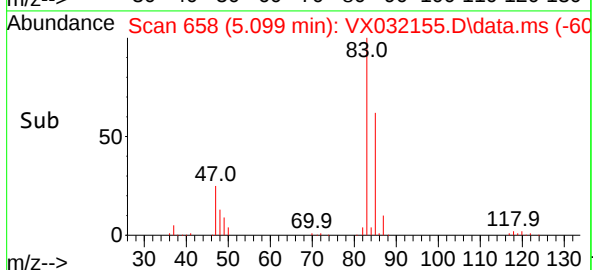
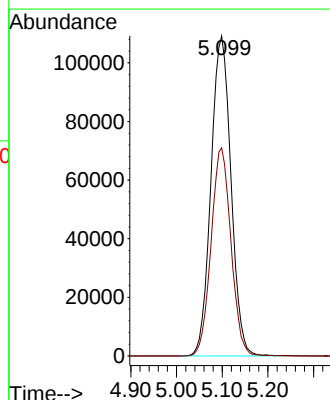
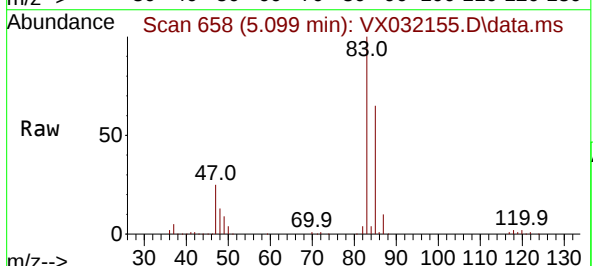
Acq: 17 Oct 2022 13:37

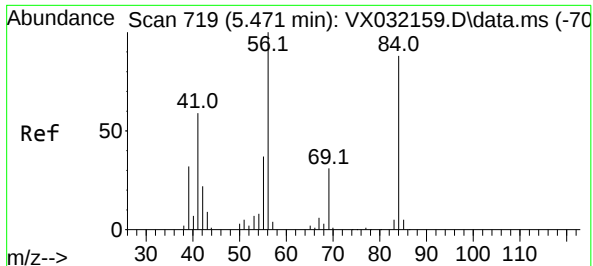
Tgt Ion: 83 Resp: 331946

Ion Ratio Lower Upper

83 100

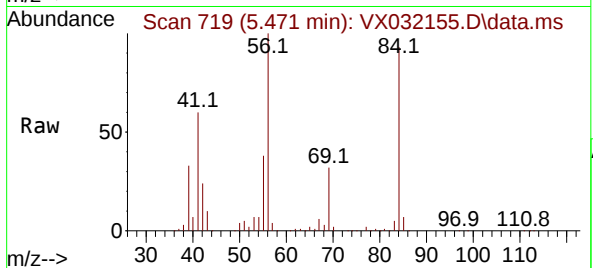
85 65.1 52.8 79.2





#31
Cyclohexane
Concen: 100.699 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

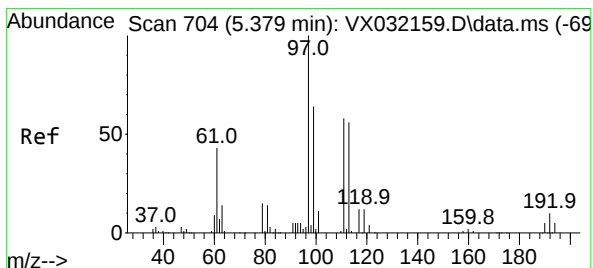
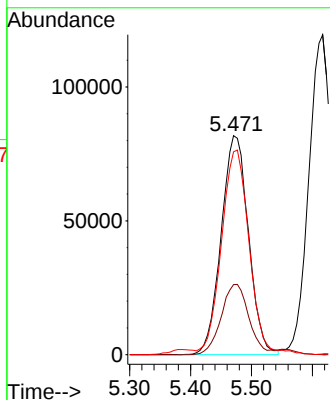
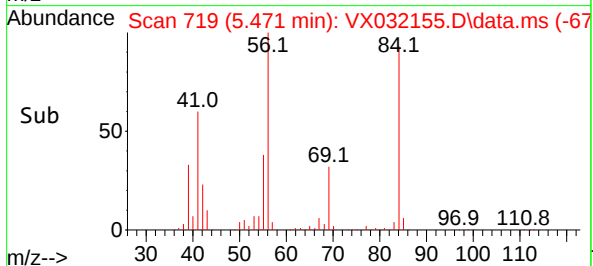
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



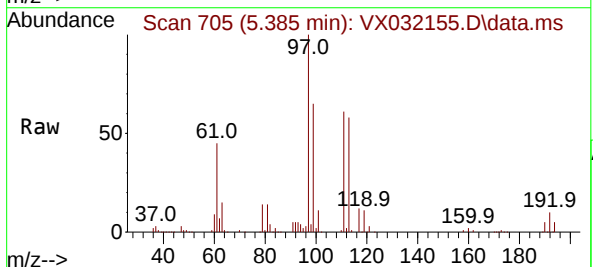
Tgt Ion: 56 Resp: 254704
Ion Ratio Lower Upper
56 100
69 32.0 25.1 37.7
84 90.7 70.2 105.4

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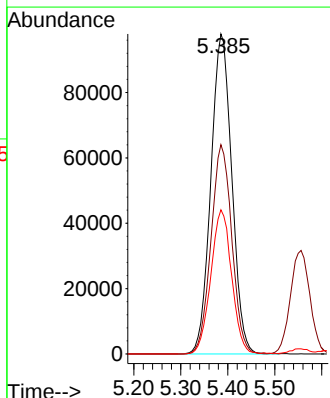
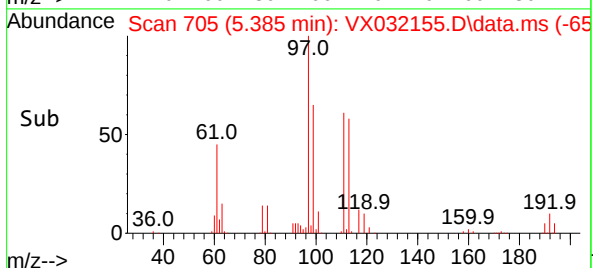
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

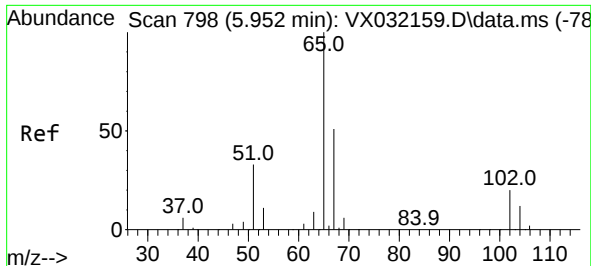


#32
1,1,1-Trichloroethane
Concen: 116.147 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 97 Resp: 303292
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 44.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 97.243 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 22070

Ion Ratio Lower Upper

65 100

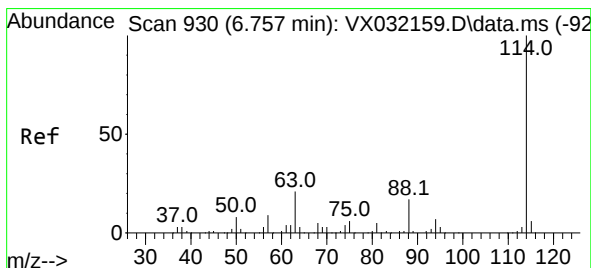
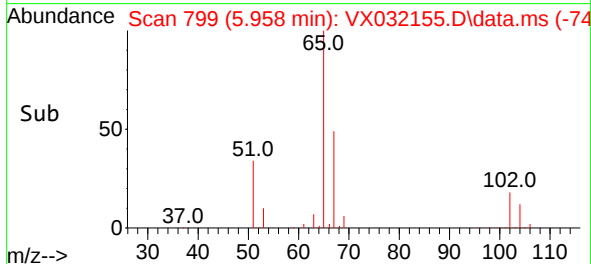
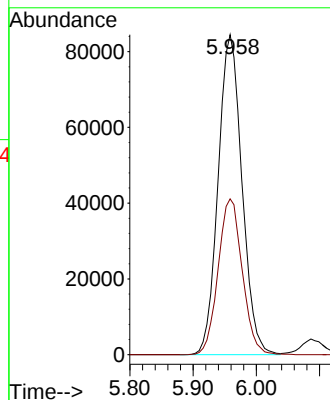
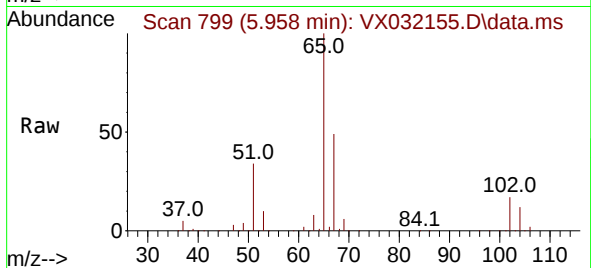
67 49.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

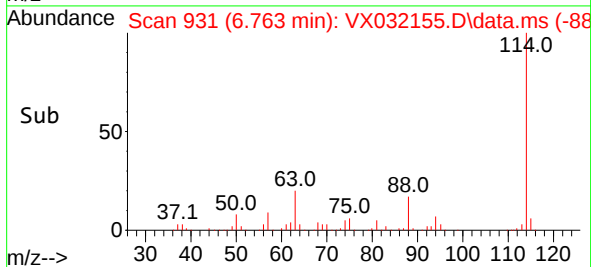
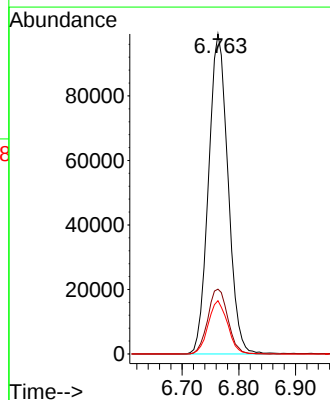
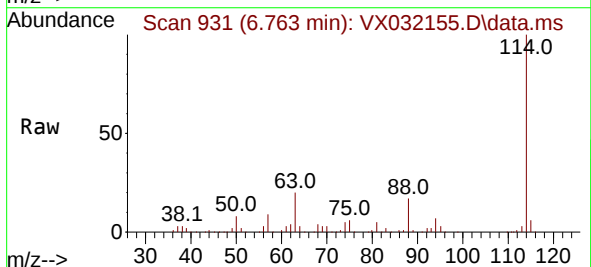
Tgt Ion:114 Resp: 236347

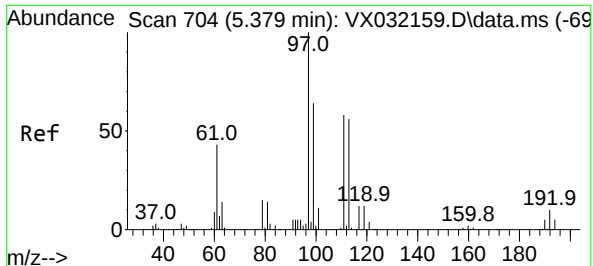
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

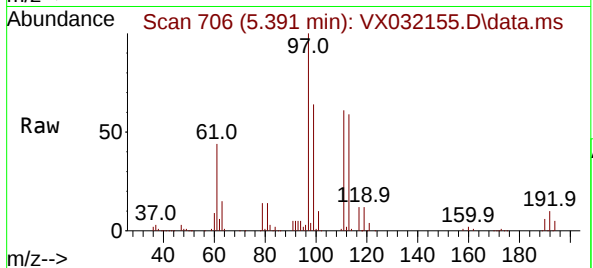
88 16.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 102.882 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

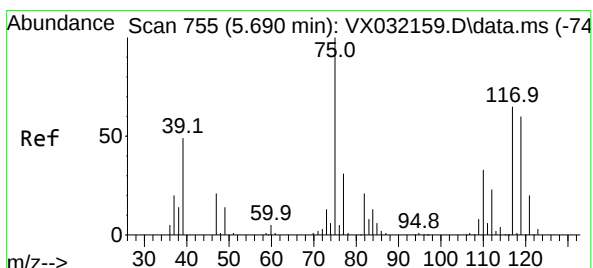
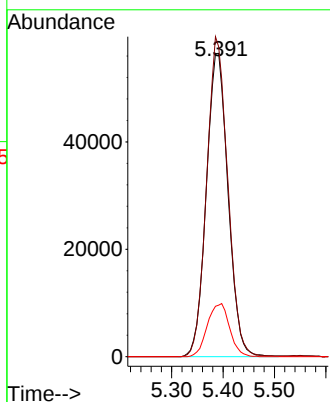
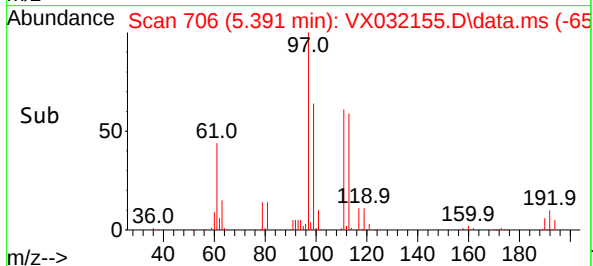
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



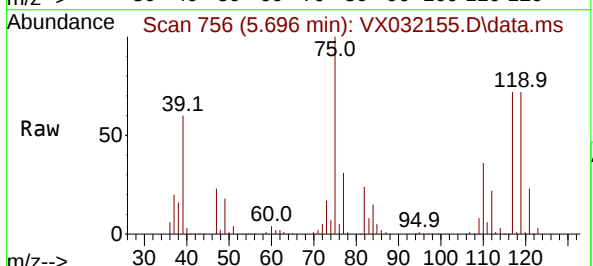
Tgt Ion:113 Resp: 165912
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 17.9 14.1 21.1

Manual Integrations
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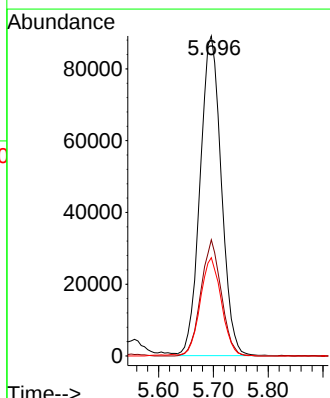
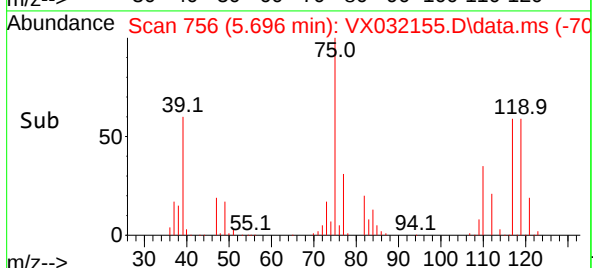
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

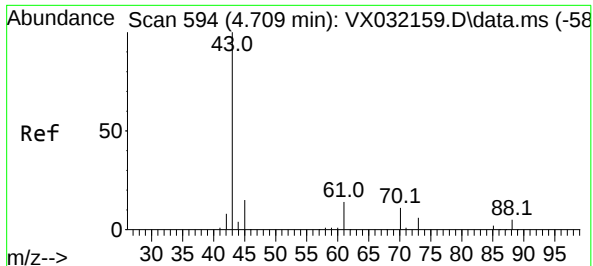


#36
1,1-Dichloropropene
Concen: 102.485 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 75 Resp: 239109
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.5
77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 97.167 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 22749

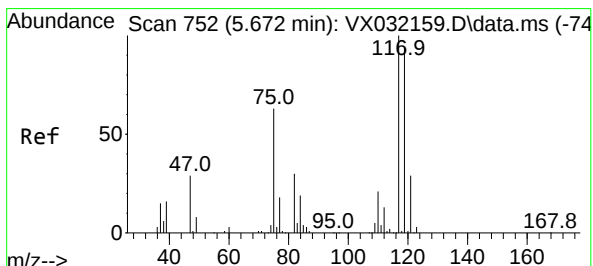
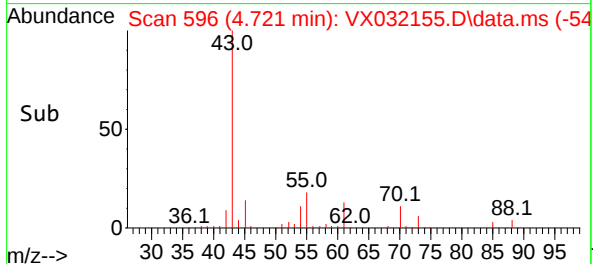
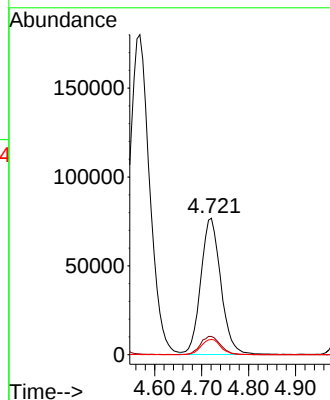
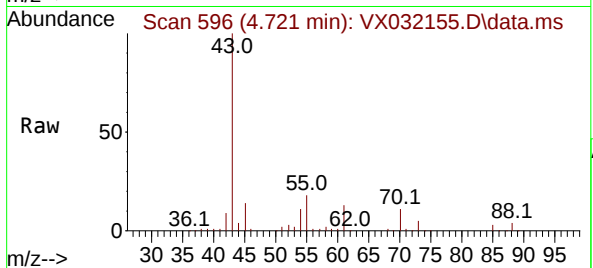
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 108.992 ug/l

RT: 5.678 min Scan# 753

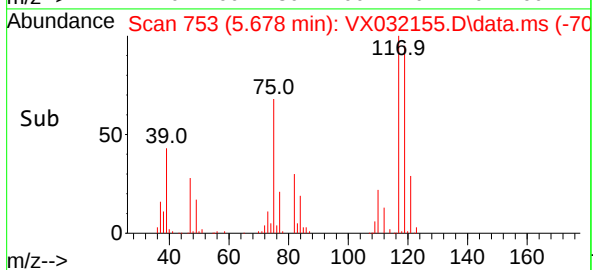
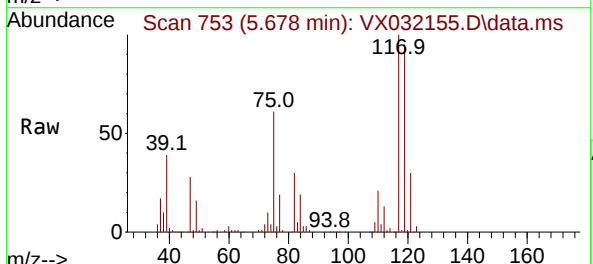
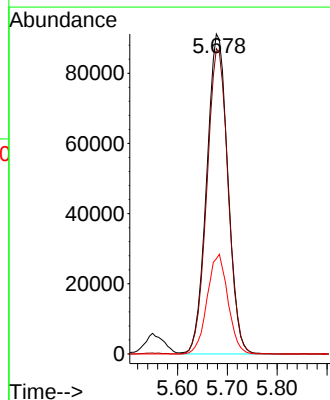
Delta R.T. 0.006 min

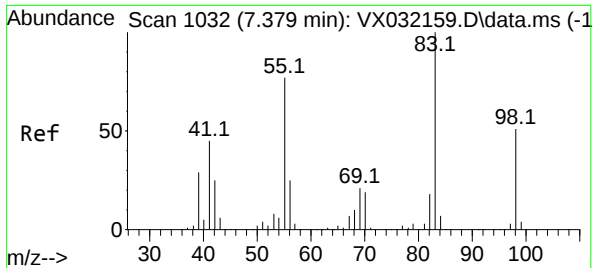
Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Tgt Ion:117 Resp: 269298

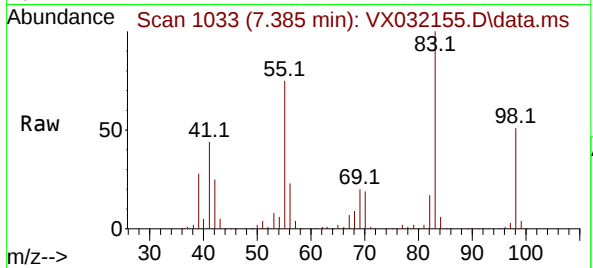
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	112.0
121	29.8	25.3	37.9





#39
Methylcyclohexane
Concen: 101.898 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

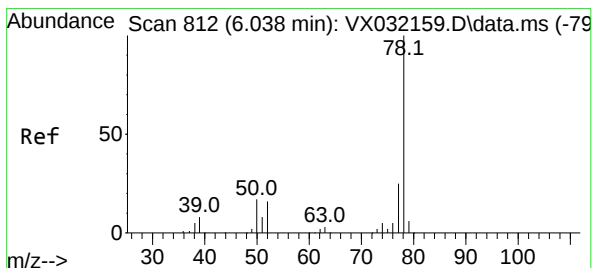
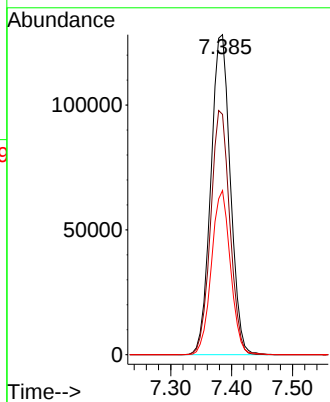
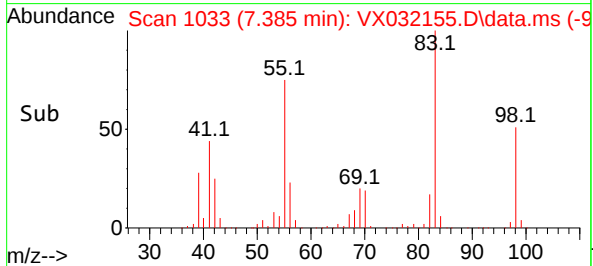
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



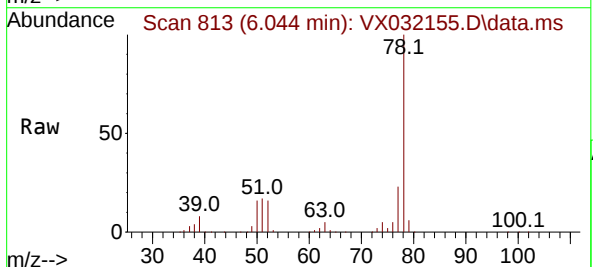
Tgt Ion: 83 Resp: 285319
Ion Ratio Lower Upper
83 100
55 75.1 61.0 91.4
98 51.3 37.7 56.5

Manual Integrations
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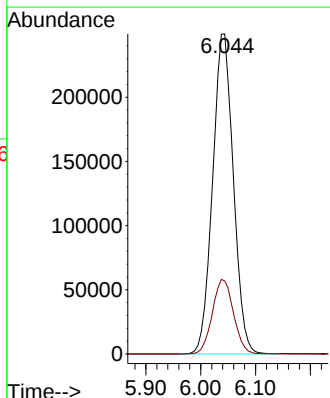
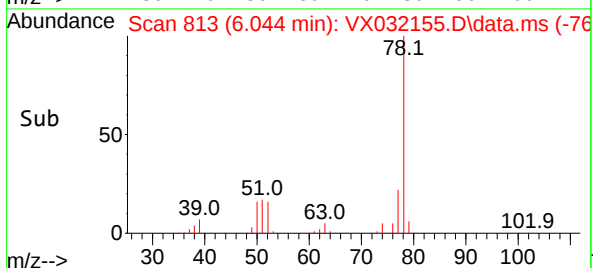
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

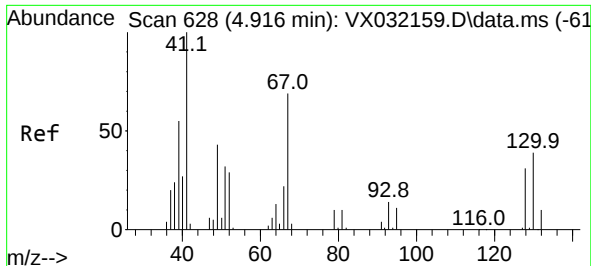


#40
Benzene
Concen: 100.398 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 78 Resp: 655194
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1





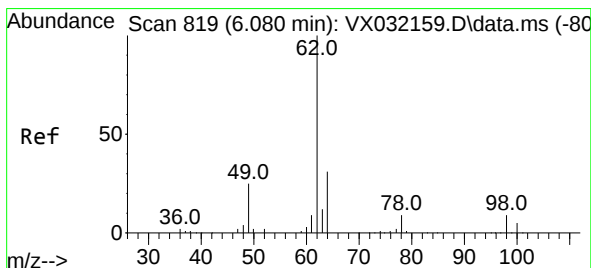
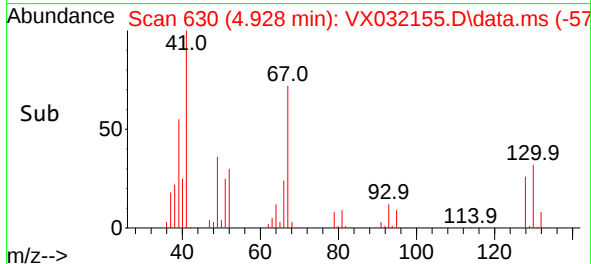
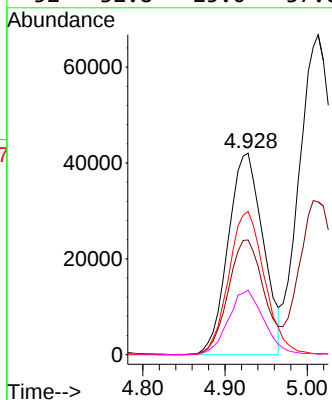
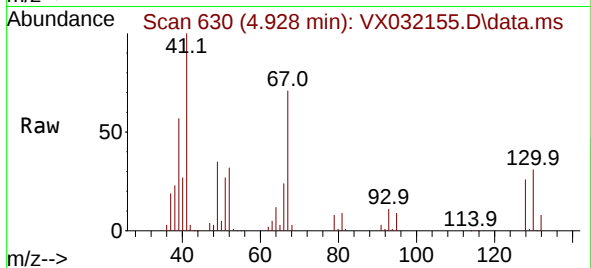
#41
Methacrylonitrile
Concen: 103.386 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 12481
Ion Ratio Lower Upper
41 100
39 57.8 45.0 67.6
67 73.2 58.2 87.4
52 32.8 25.0 37.6

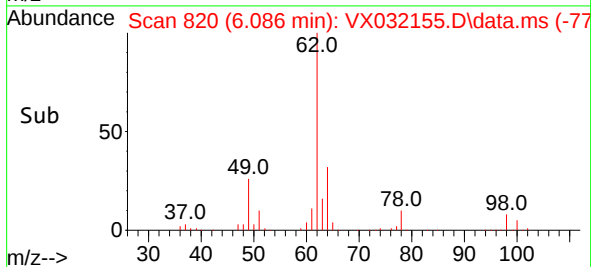
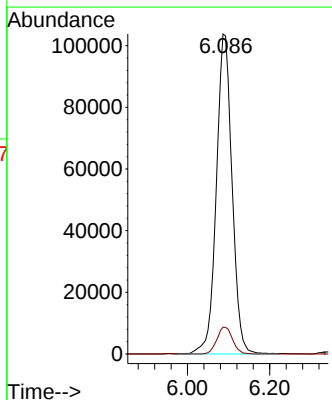
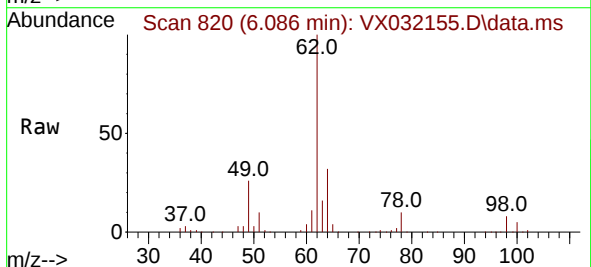
Manual Integrations
APPROVED

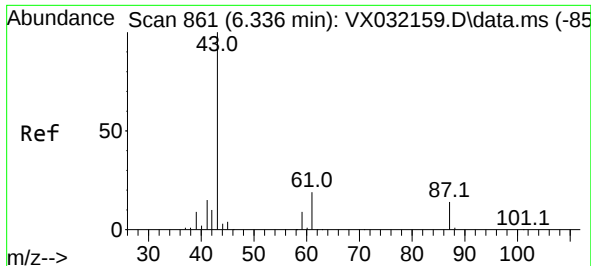
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 100.882 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 62 Resp: 275749
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 106.788 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 37676

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

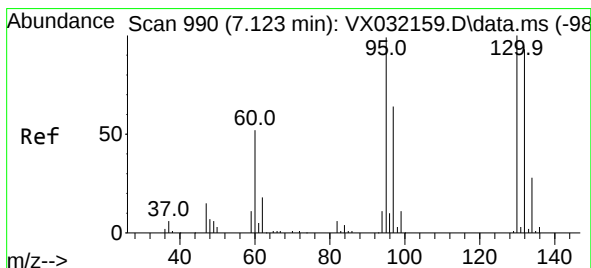
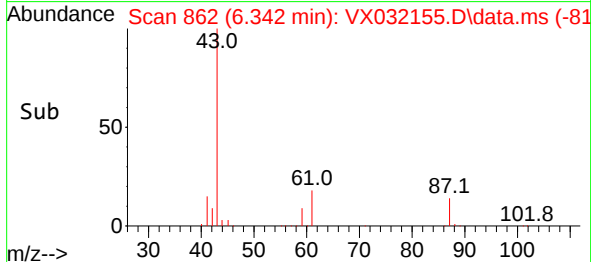
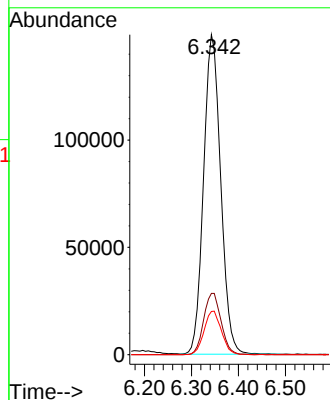
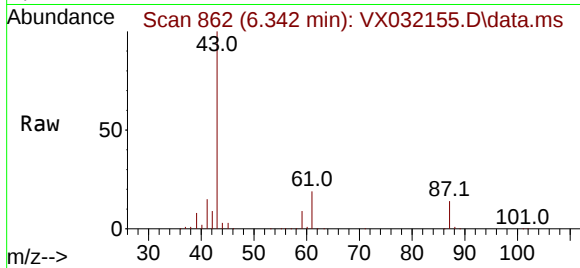
87 13.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#44

Trichloroethene

Concen: 99.762 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX032155.D

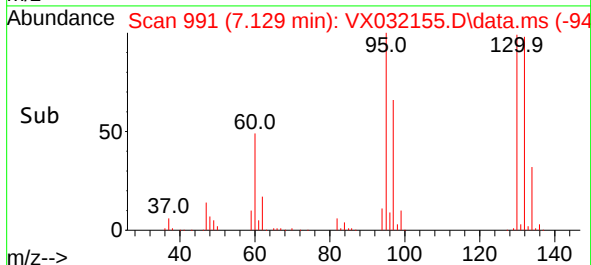
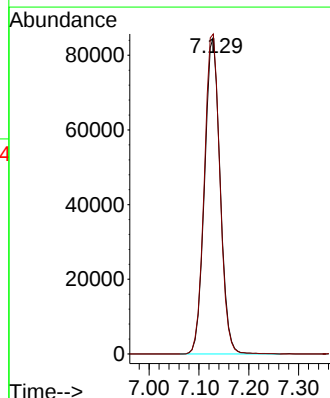
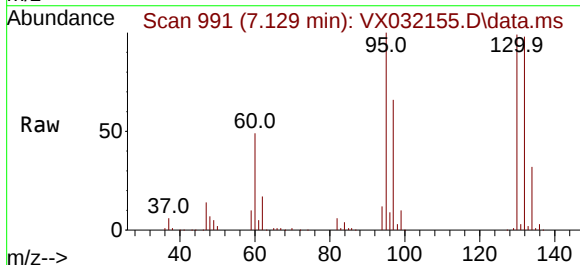
Acq: 17 Oct 2022 13:37

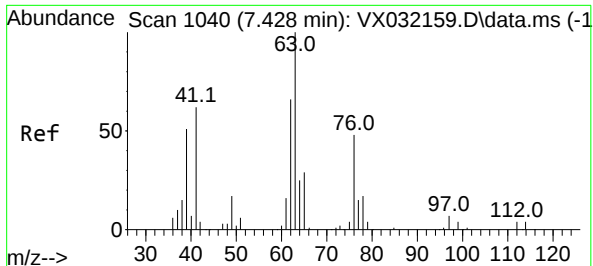
Tgt Ion:130 Resp: 183441

Ion Ratio Lower Upper

130 100

95 101.1 0.0 206.8





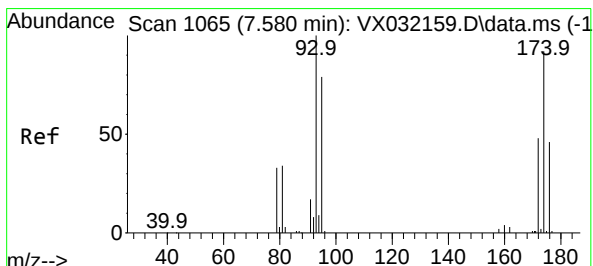
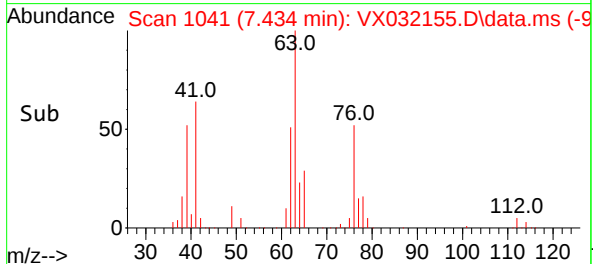
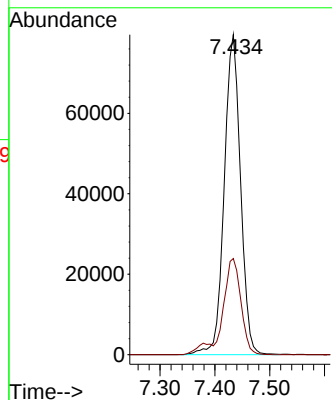
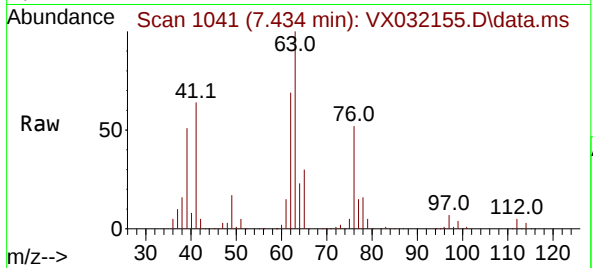
#45
1,2-Dichloropropane
Concen: 101.303 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 164702
Ion Ratio Lower Upper
63 100
65 30.1 26.6 39.8

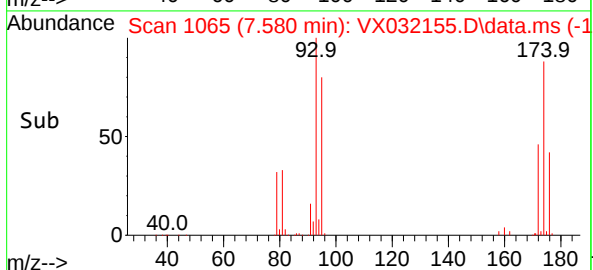
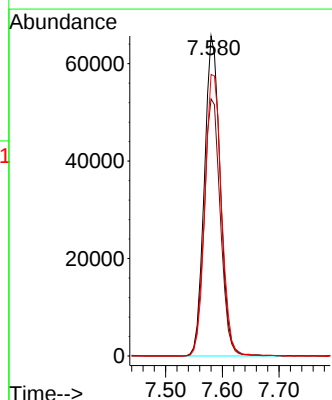
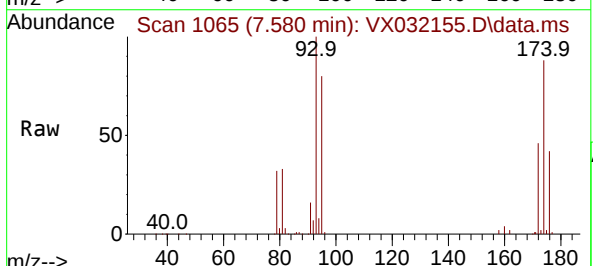
Manual Integrations
APPROVED

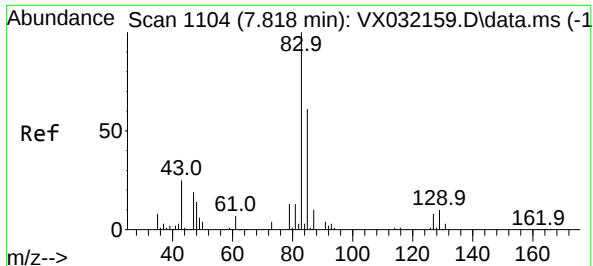
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#46
Dibromomethane
Concen: 102.464 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 93 Resp: 127974
Ion Ratio Lower Upper
93 100
95 82.0 65.5 98.3
174 91.5 67.6 101.4





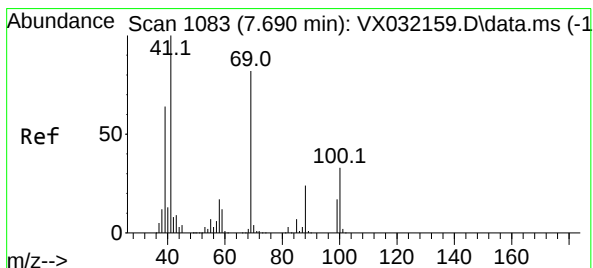
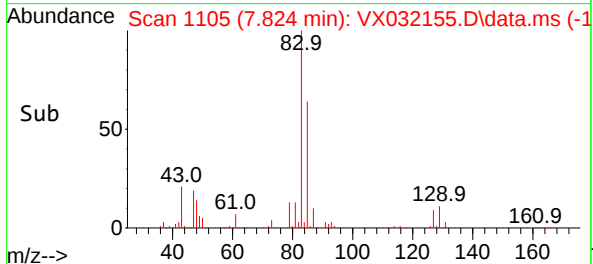
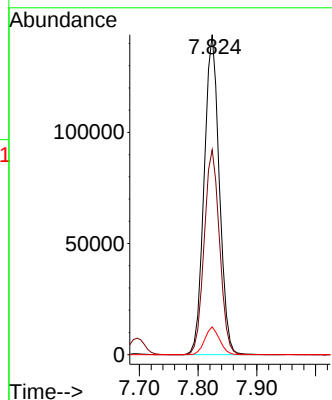
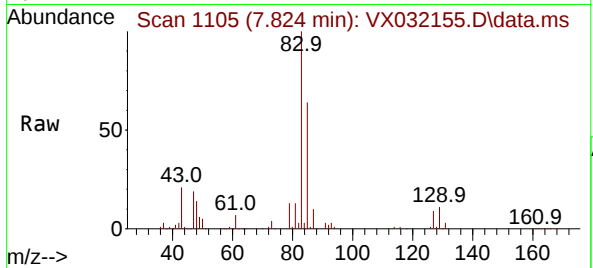
#47
Bromodichloromethane
Concen: 110.642 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 25742
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.6
127 8.7 7.0 10.6

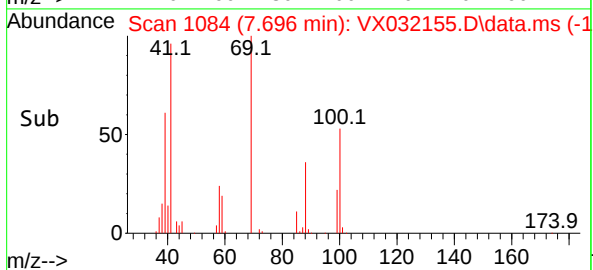
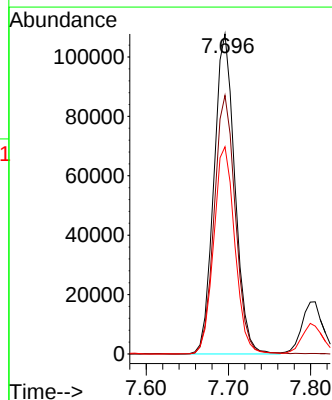
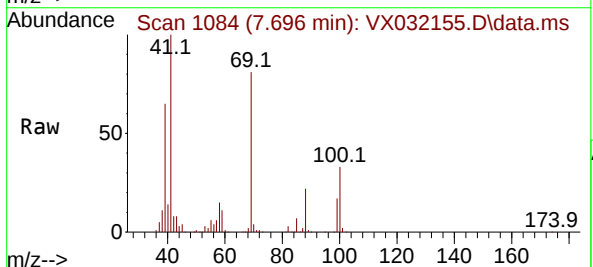
Manual Integrations
APPROVED

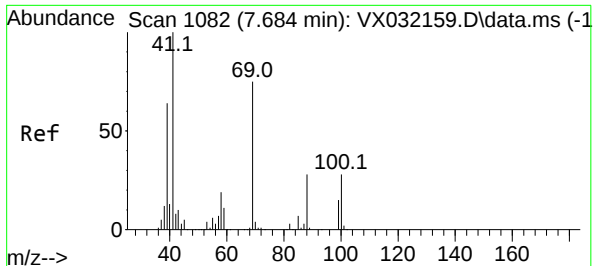
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#48
Methyl methacrylate
Concen: 106.947 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 41 Resp: 191232
Ion Ratio Lower Upper
41 100
69 81.6 64.6 96.8
39 65.3 51.4 77.0





#49

1,4-Dioxane

Concen: 1792.051 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 6570

Ion Ratio Lower Upper

88 100

43 33.8 27.1 40.7

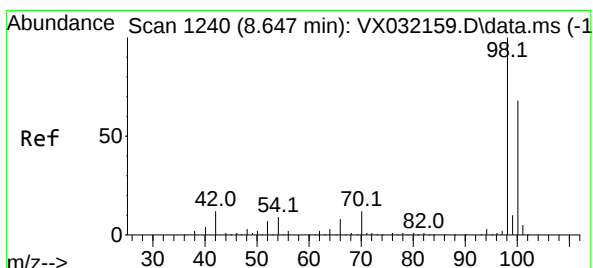
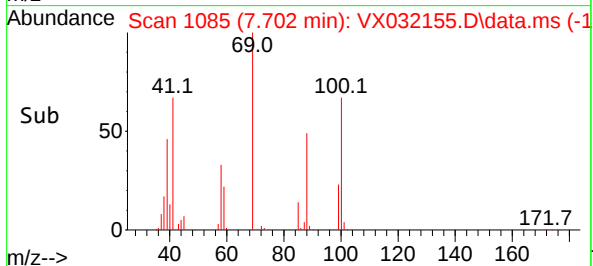
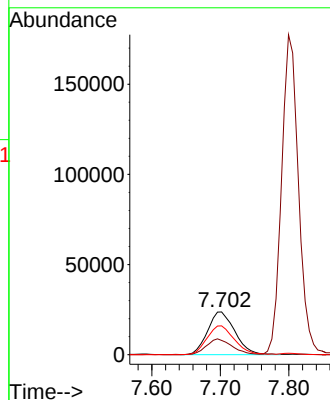
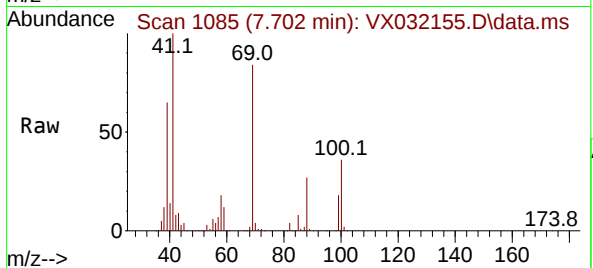
58 67.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 107.165 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX032155.D

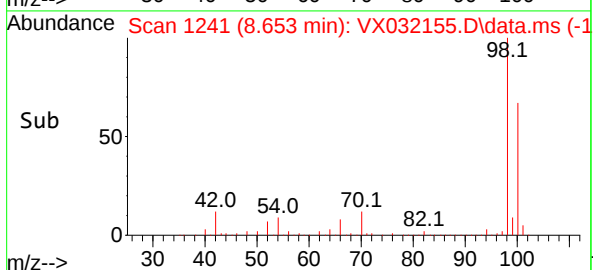
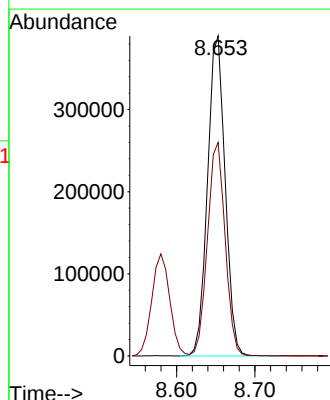
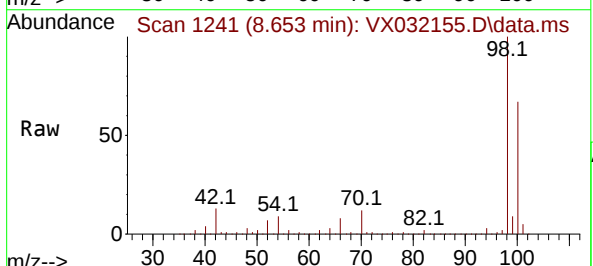
Acq: 17 Oct 2022 13:37

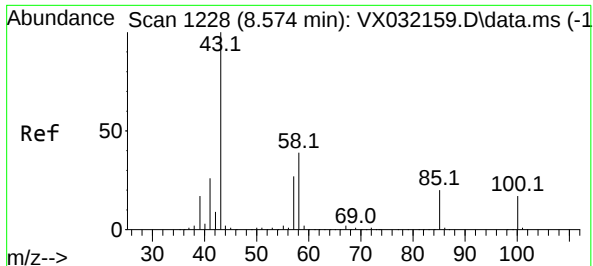
Tgt Ion: 98 Resp: 606167

Ion Ratio Lower Upper

98 100

100 67.1 52.5 78.7





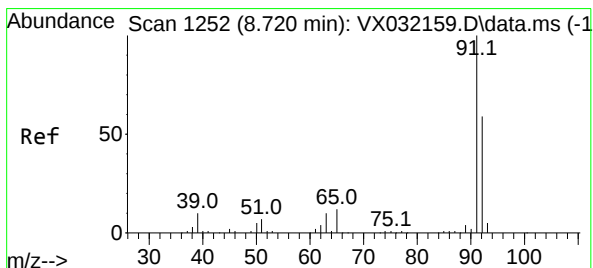
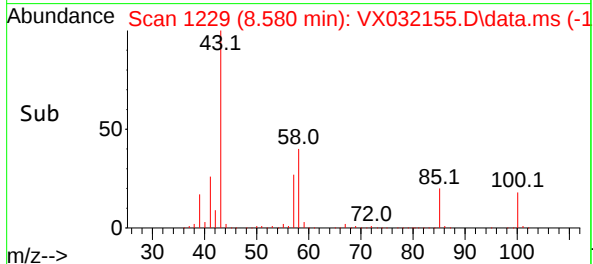
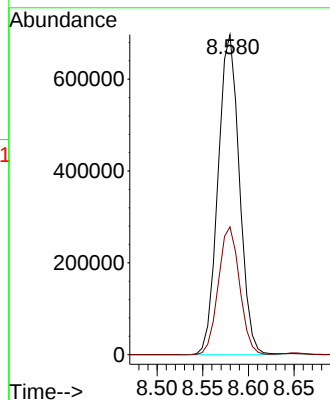
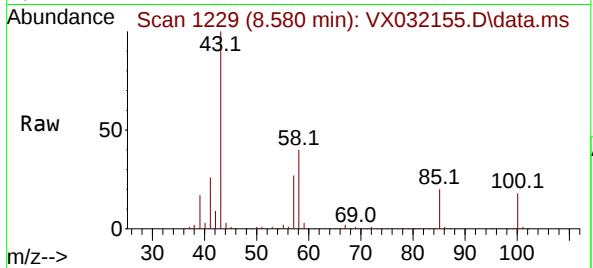
#51
4-Methyl-2-Pentanone
Concen: 524.376 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1134490
Ion Ratio Lower Upper
43 100
58 39.8 30.6 46.0

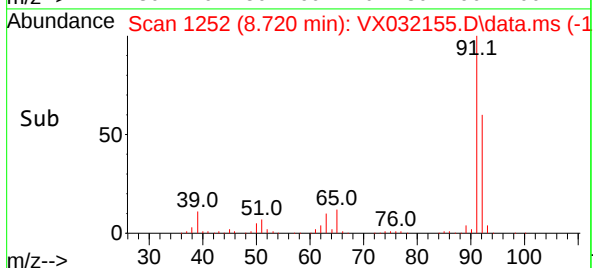
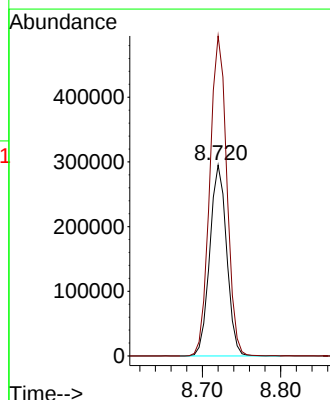
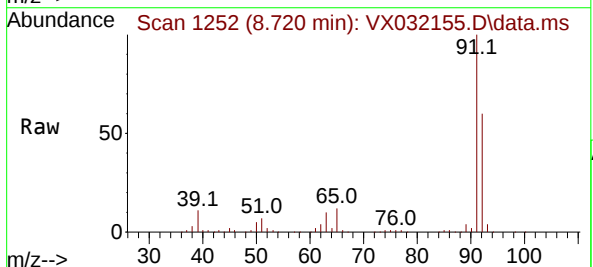
Manual Integrations
APPROVED

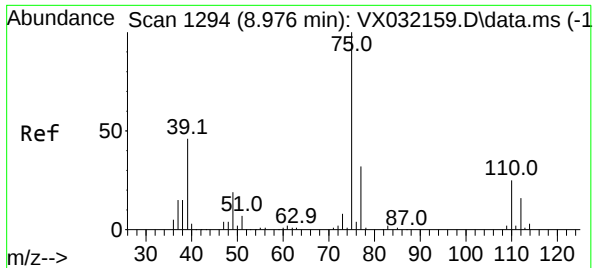
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 106.188 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

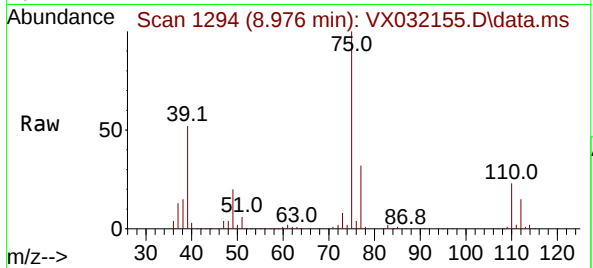
Tgt Ion: 92 Resp: 441523
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 133.568 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

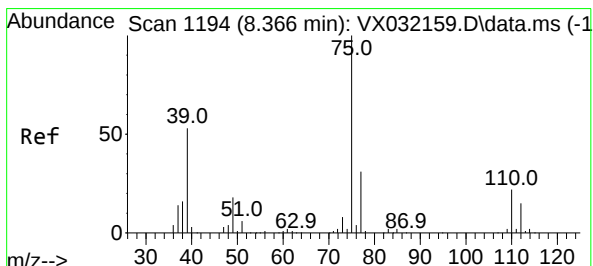
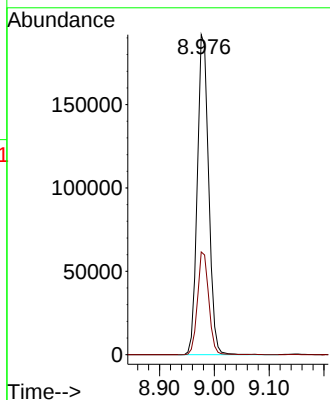
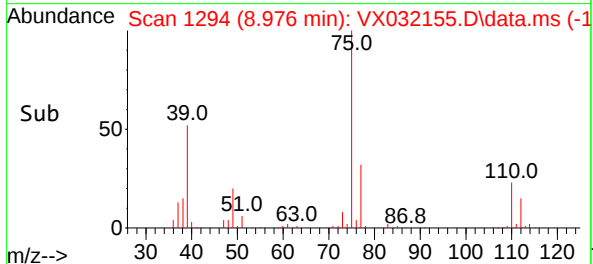
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



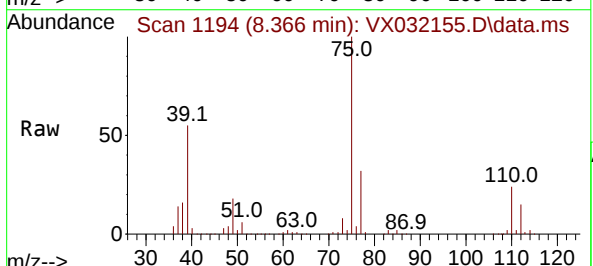
Tgt Ion: 75 Resp: 277209
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2

Manual Integrations
APPROVED

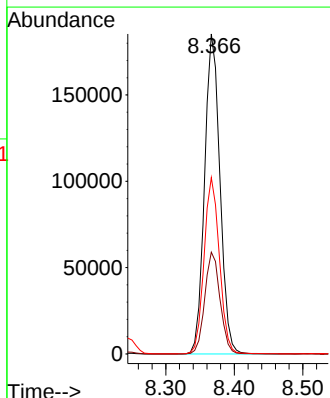
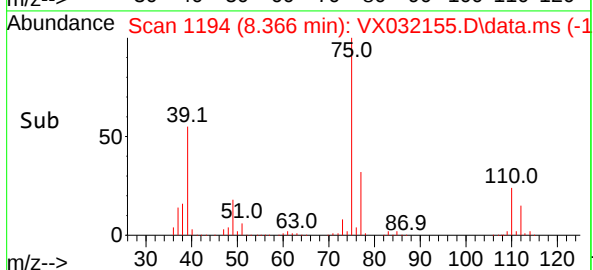
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

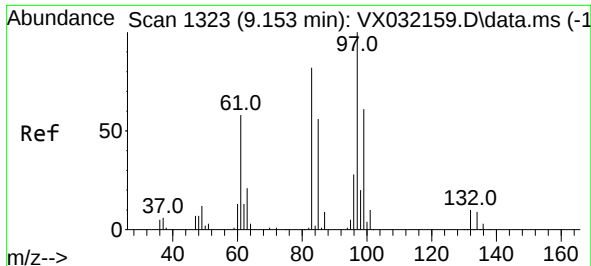


#54
cis-1,3-Dichloropropene
Concen: 118.782 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 75 Resp: 289484
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6
39 55.0 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 111.599 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 176149

Ion Ratio Lower Upper

97 100

83 82.2 69.0 103.6

85 54.6 44.1 66.1

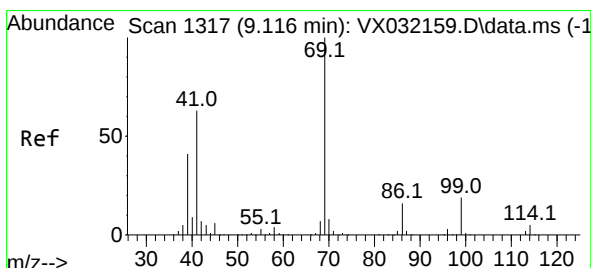
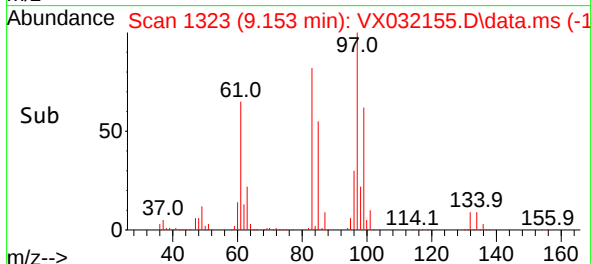
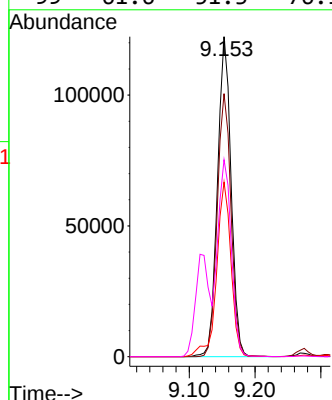
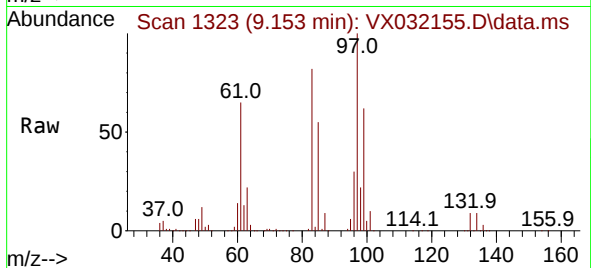
99 61.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#56

Ethyl methacrylate

Concen: 121.775 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

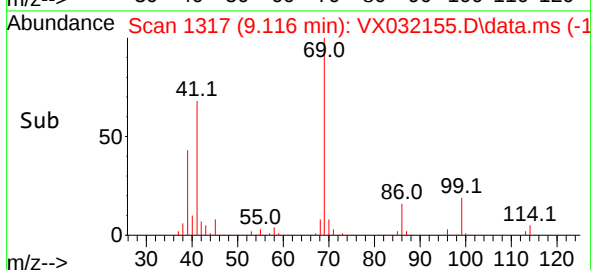
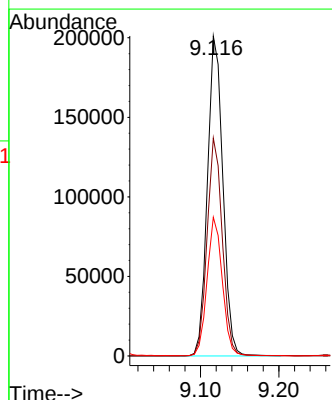
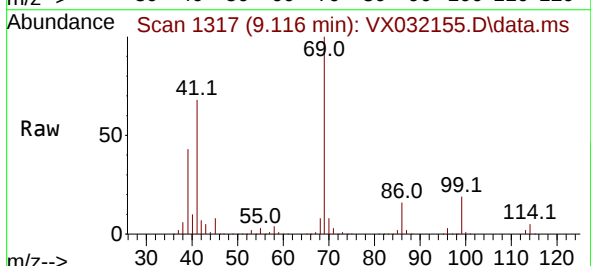
Tgt Ion: 69 Resp: 274510

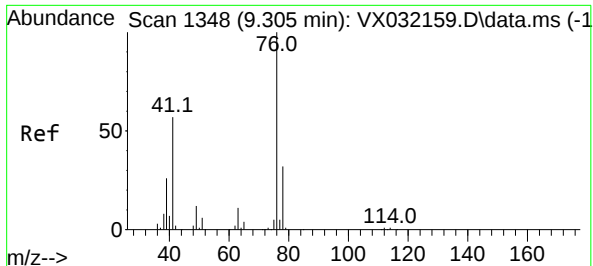
Ion Ratio Lower Upper

69 100

41 67.0 54.2 81.4

39 42.8 34.2 51.2





#57

1,3-Dichloropropane

Concen: 107.753 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 29819

Ion Ratio Lower Upper

76 100

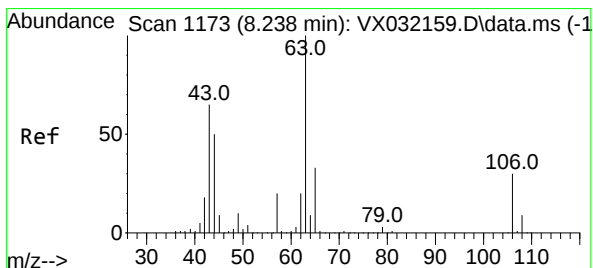
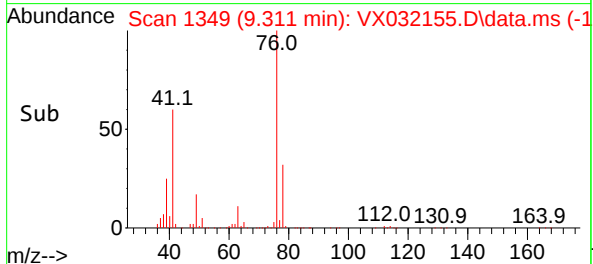
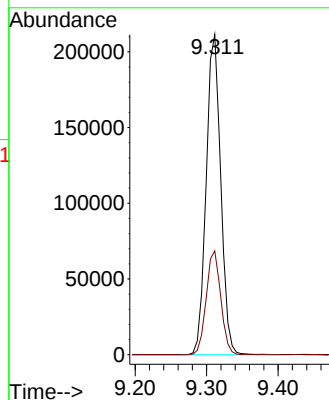
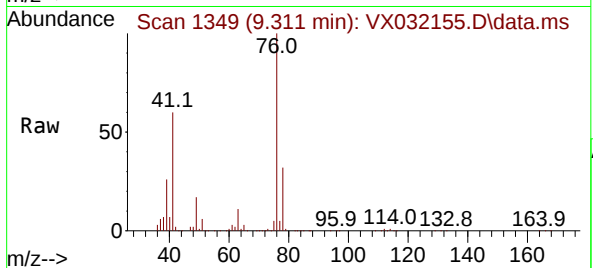
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 530.460 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032155.D

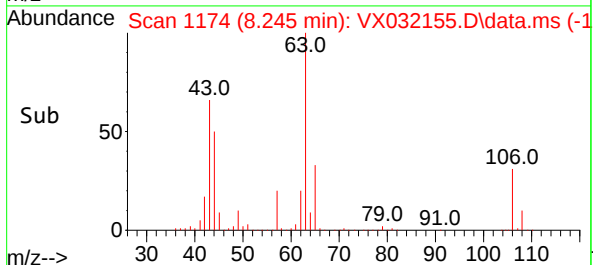
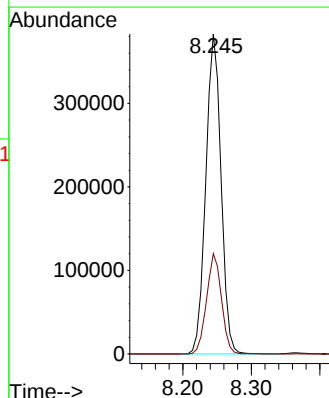
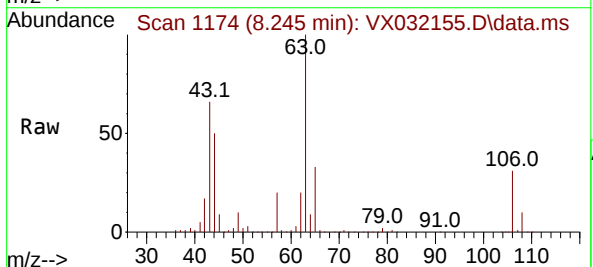
Acq: 17 Oct 2022 13:37

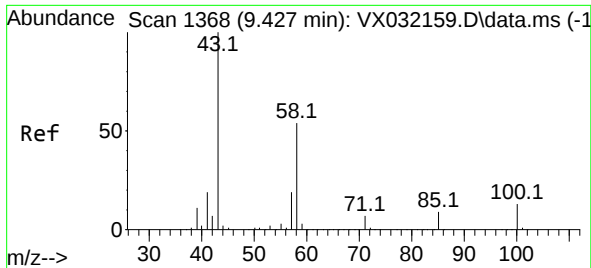
Tgt Ion: 63 Resp: 592416

Ion Ratio Lower Upper

63 100

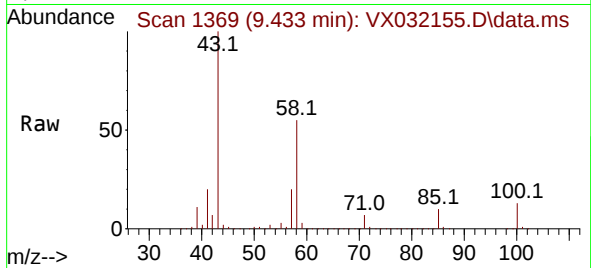
106 30.7 22.6 34.0





#59
2-Hexanone
Concen: 527.826 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

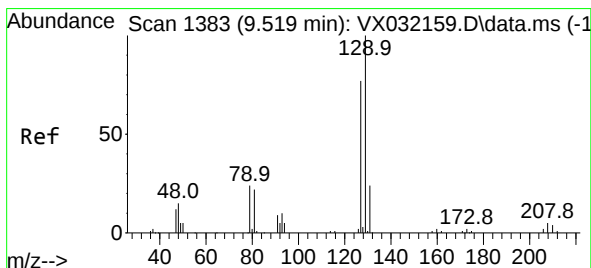
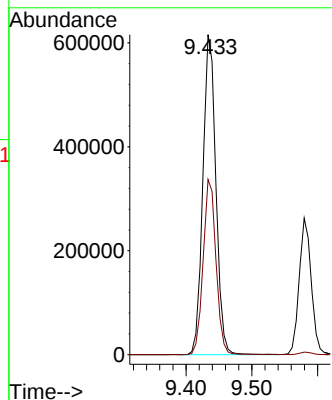
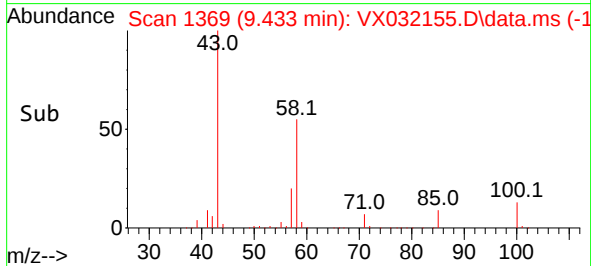
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 84601
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.0

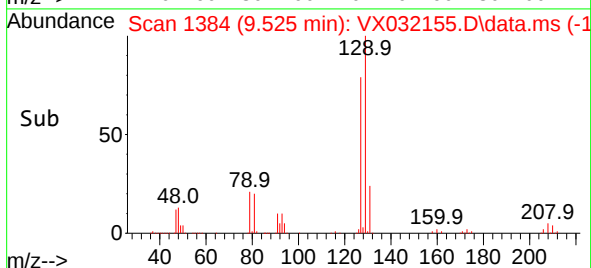
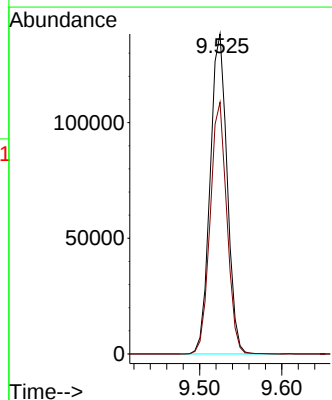
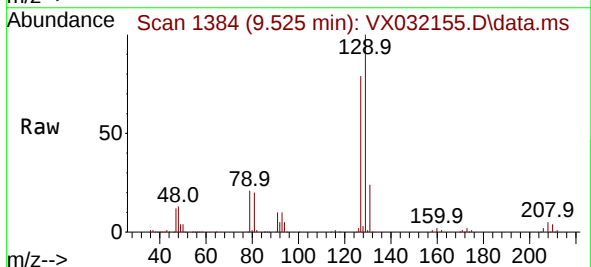
Manual Integrations
APPROVED

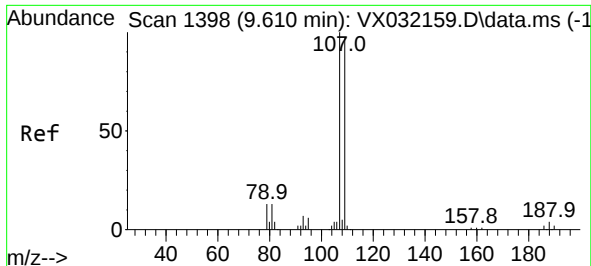
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#60
Dibromochloromethane
Concen: 121.629 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

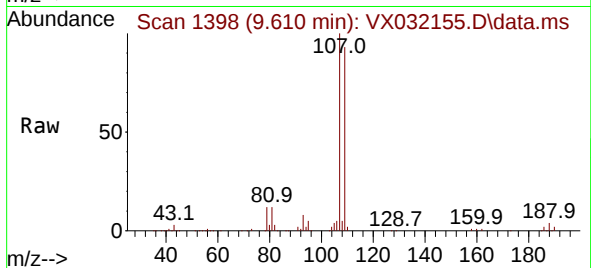
Tgt Ion:129 Resp: 198611
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 112.005 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

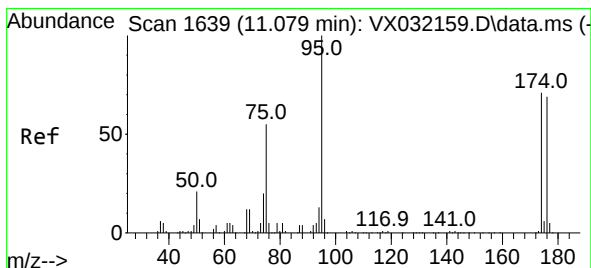
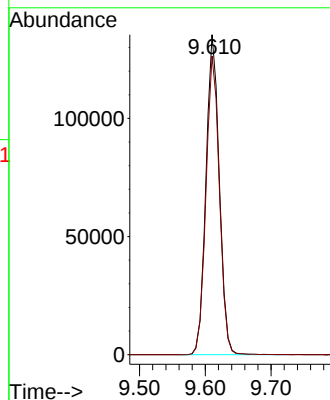
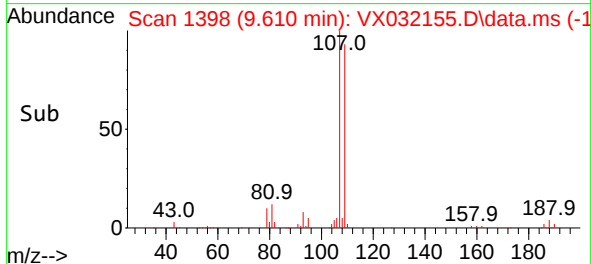
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



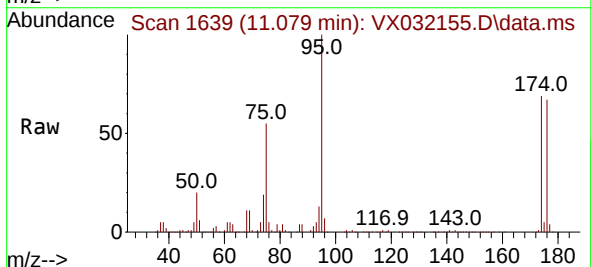
Tgt Ion:107 Resp: 190920
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4

Manual Integrations
APPROVED

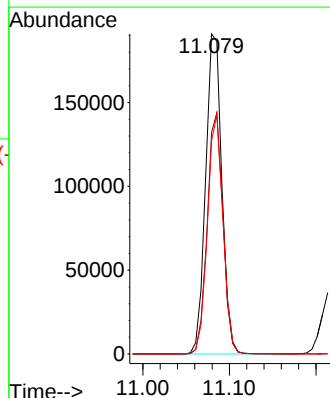
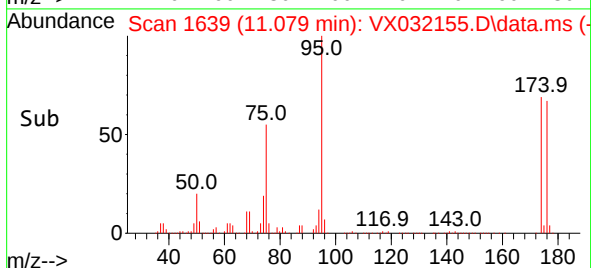
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

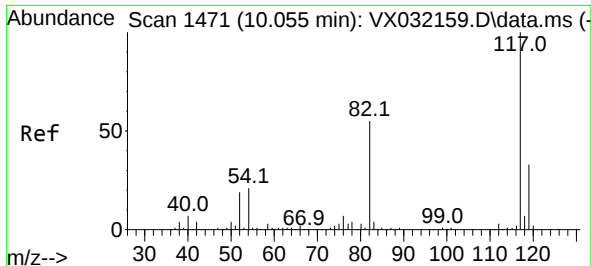


#62
4-Bromofluorobenzene
Concen: 114.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



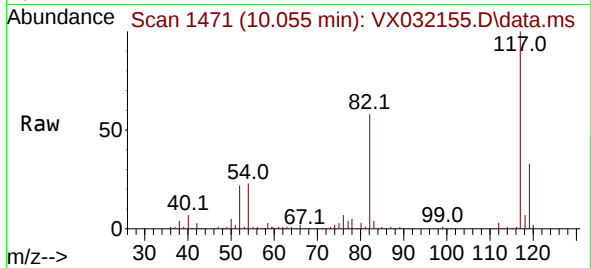
Tgt Ion: 95 Resp: 247035
Ion Ratio Lower Upper
95 100
174 73.8 0.0 153.2
176 71.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

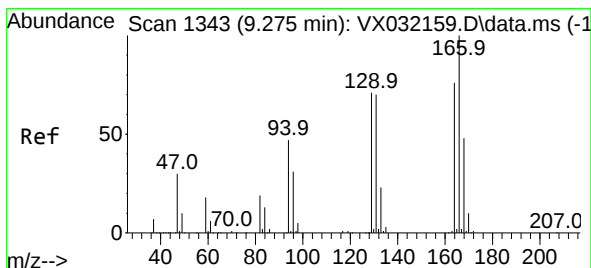
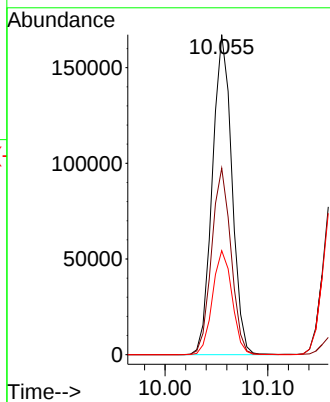
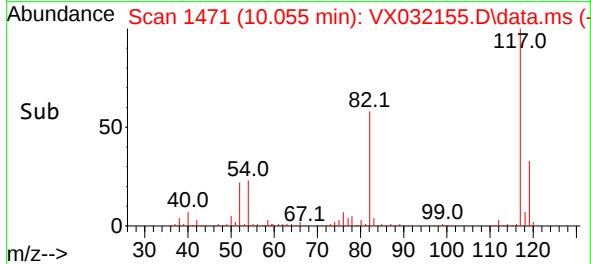
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 220317
Ion Ratio Lower Upper
117 100
82 58.3 46.8 70.2
119 32.5 26.4 39.6

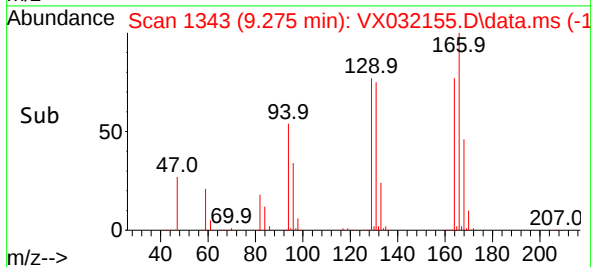
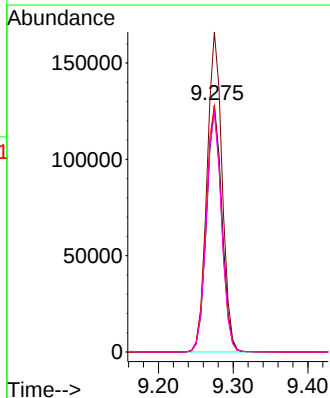
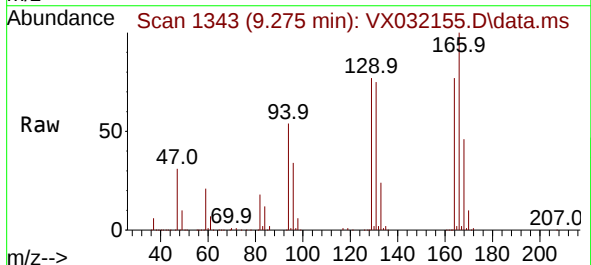
Manual Integrations
APPROVED

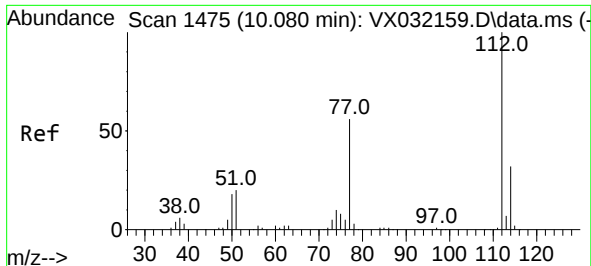
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 99.357 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion:164 Resp: 181930
Ion Ratio Lower Upper
164 100
166 129.7 99.0 148.4
129 99.5 78.0 117.0
131 96.7 74.2 111.2





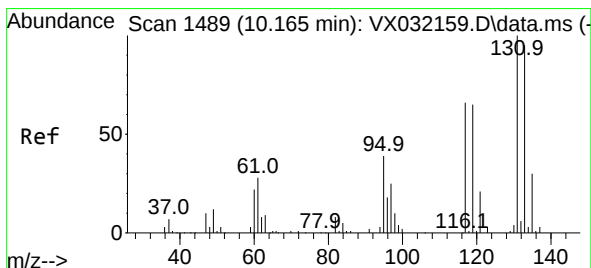
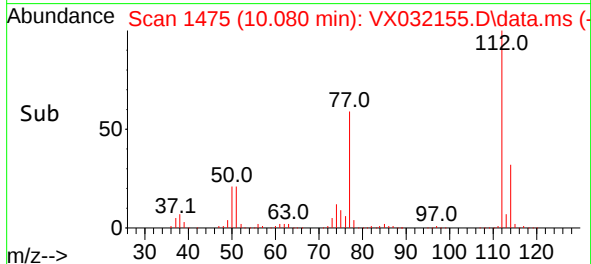
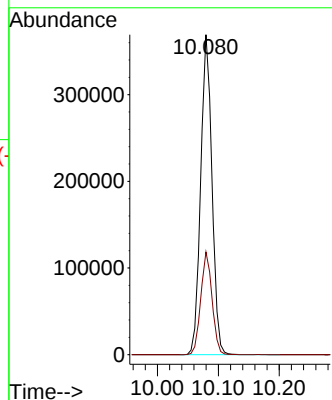
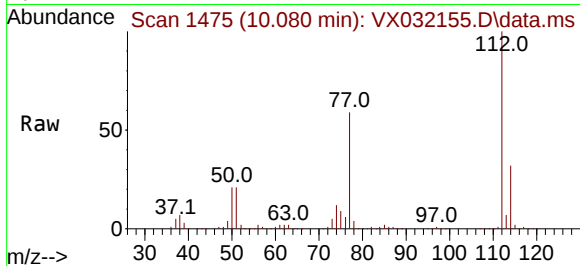
#65
Chlorobenzene
Concen: 97.874 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 473830
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

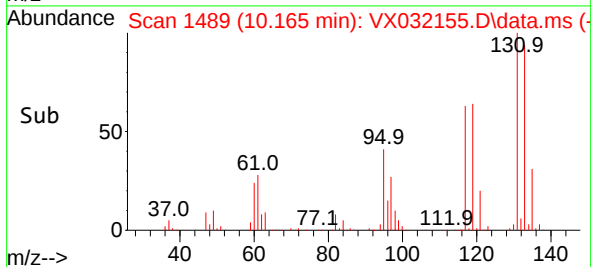
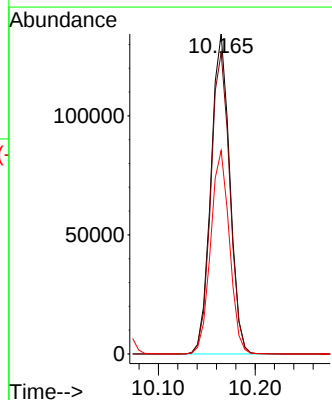
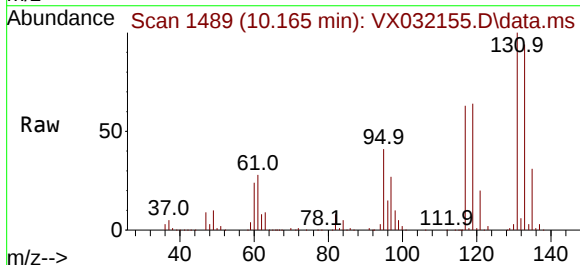
Manual Integrations
APPROVED

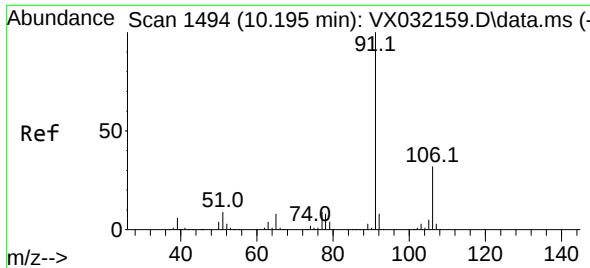
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 108.517 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

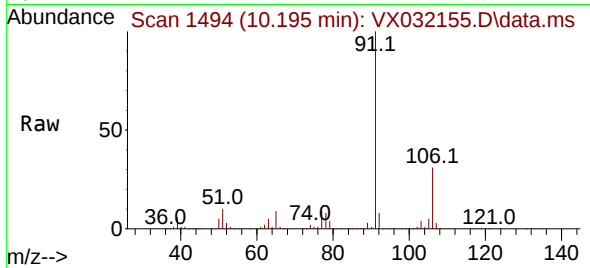
Tgt Ion:131 Resp: 182045
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.7
119 63.3 31.9 95.9





#67
Ethyl Benzene
Concen: 101.884 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

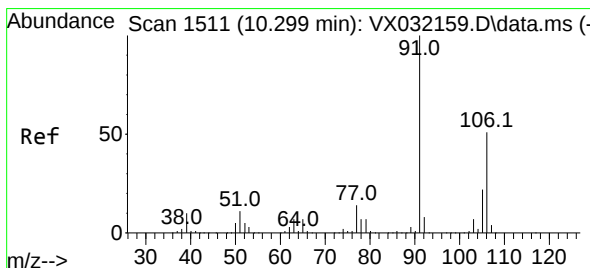
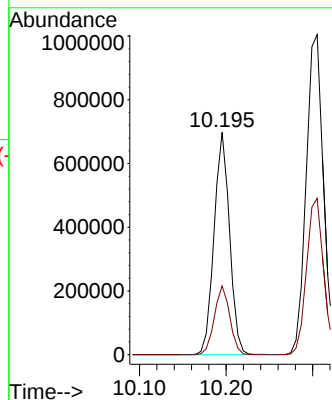
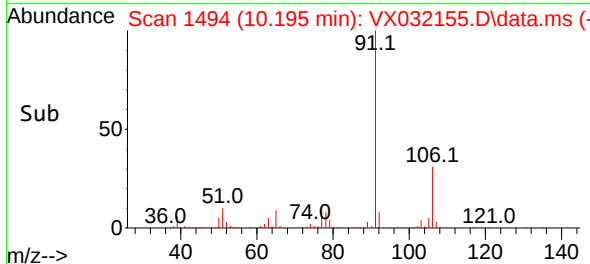
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



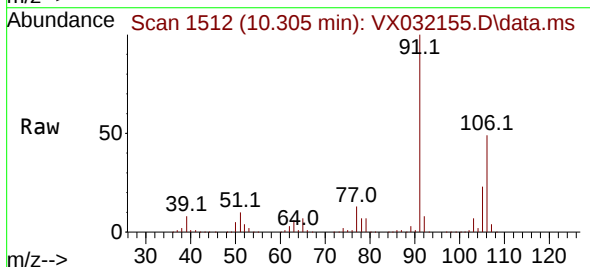
Tgt Ion: 91 Resp: 866868
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

Manual Integrations
APPROVED

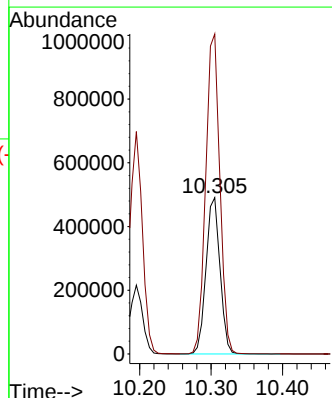
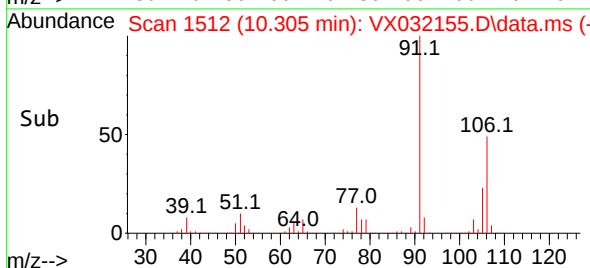
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

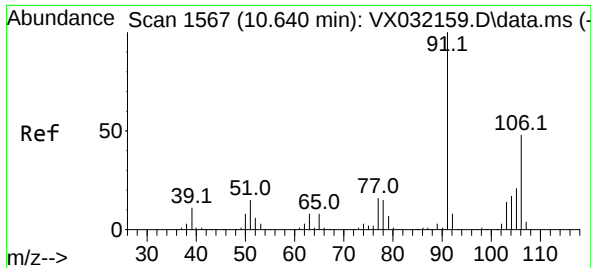


#68
m/p-Xylenes
Concen: 204.494 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion:106 Resp: 667197
Ion Ratio Lower Upper
106 100
91 206.7 161.0 241.4





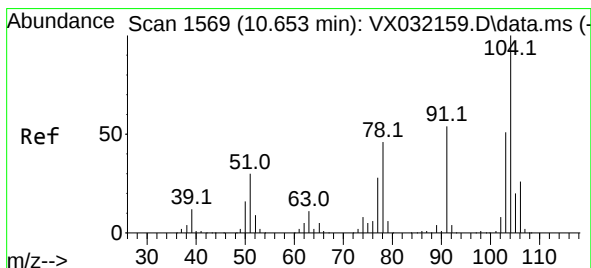
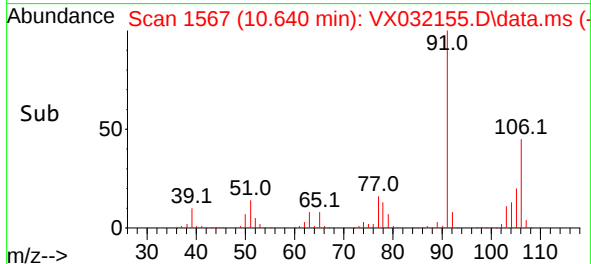
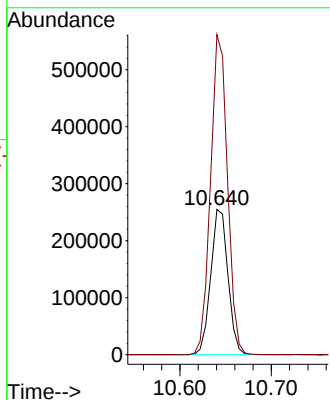
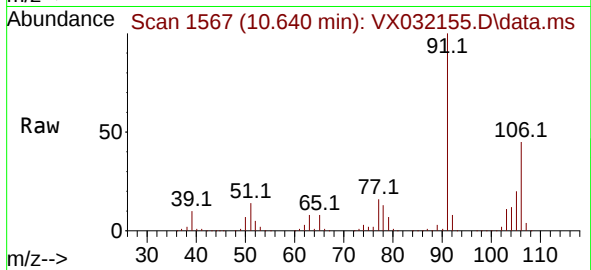
#69
o-Xylene
Concen: 103.543 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 332420
Ion Ratio Lower Upper
106 100
91 217.0 107.2 321.6

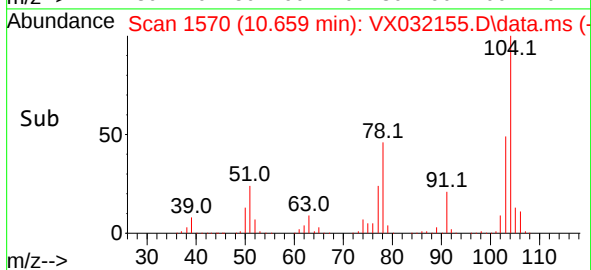
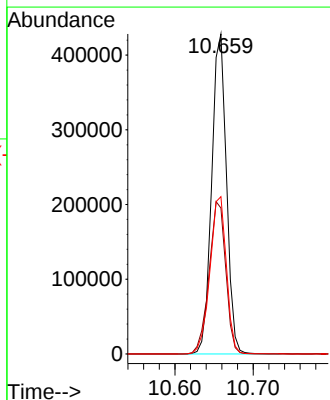
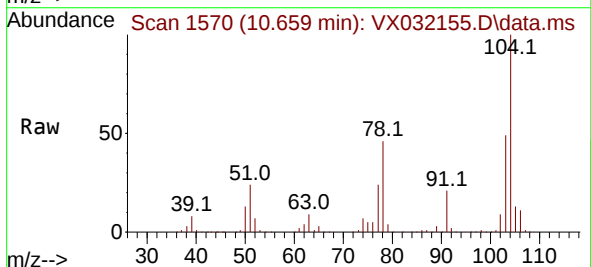
Manual Integrations
APPROVED

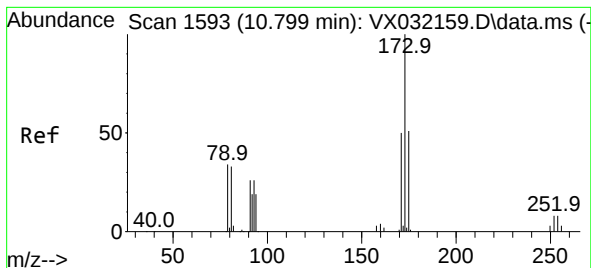
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 108.121 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion:104 Resp: 560935
Ion Ratio Lower Upper
104 100
78 53.6 41.4 62.2
103 54.6 43.8 65.8





#71

Bromoform

Concen: 118.597 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032155.D

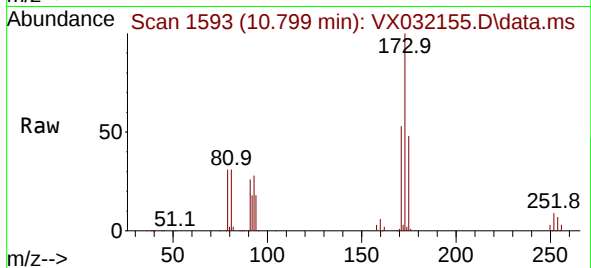
Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



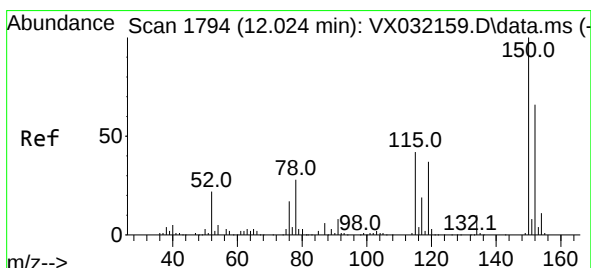
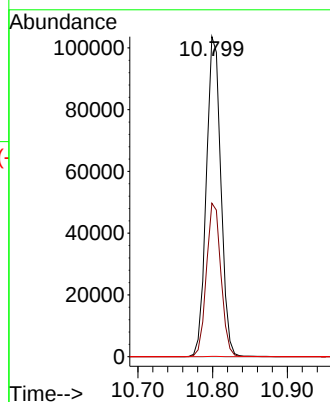
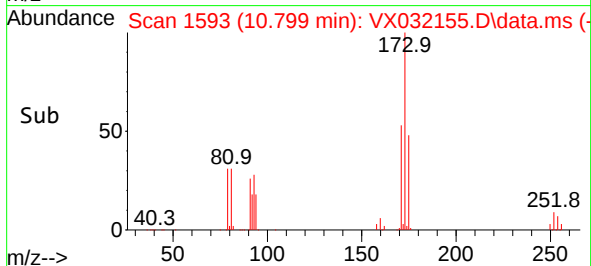
Tgt Ion:	173	Resp:	139940
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.0	72.0
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

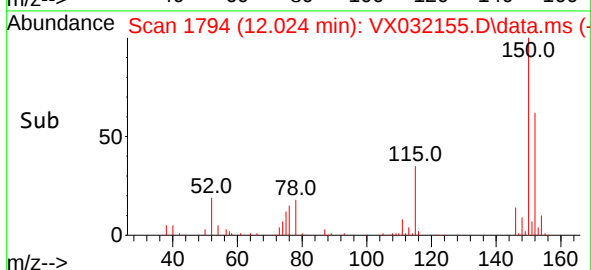
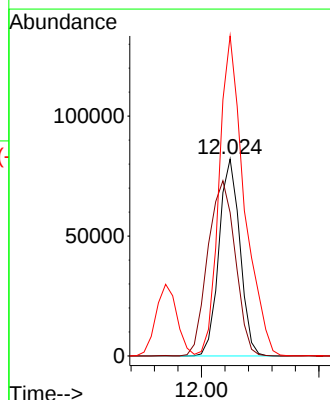
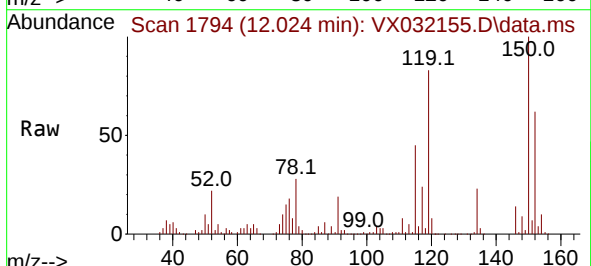
RT: 12.024 min Scan# 1794

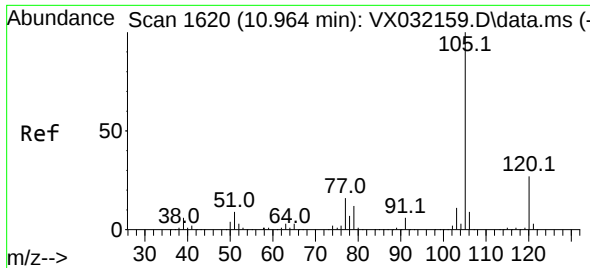
Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Tgt Ion:	152	Resp:	101617
Ion Ratio	Lower	Upper	
152	100		
115	116.4	43.4	130.1
150	195.4	0.0	346.8





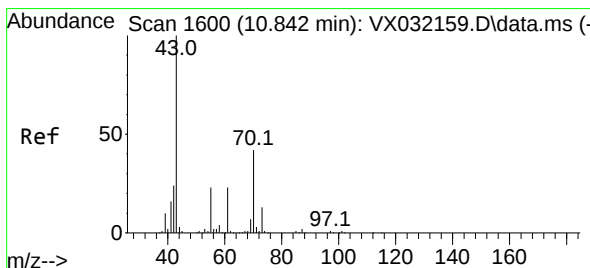
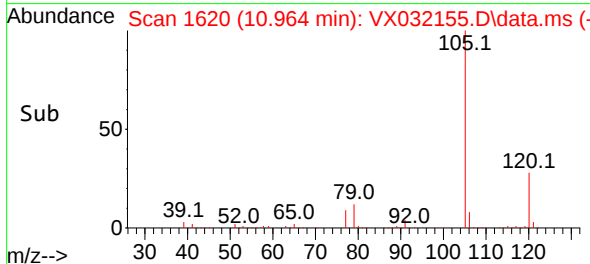
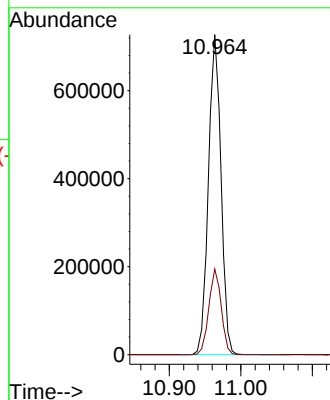
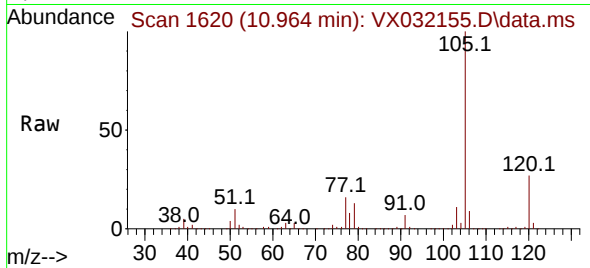
#73
Isopropylbenzene
Concen: 115.439 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 88697
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

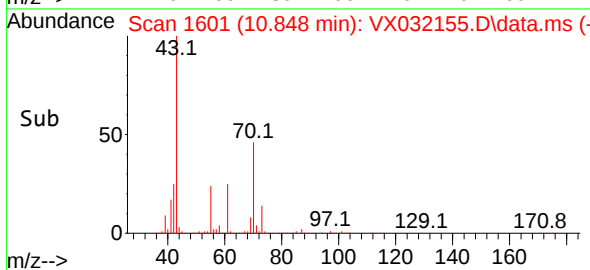
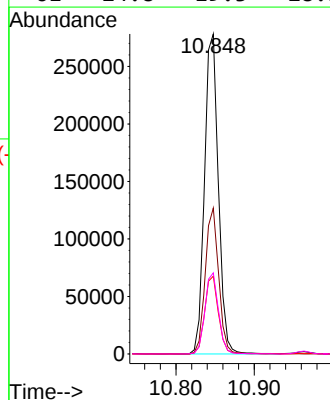
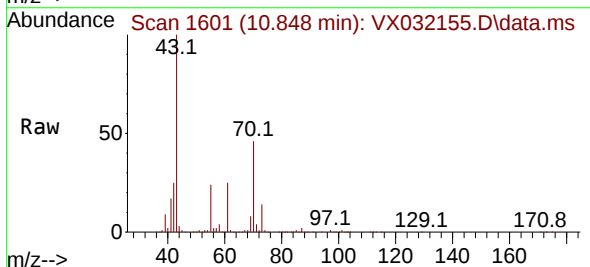
Manual Integrations
APPROVED

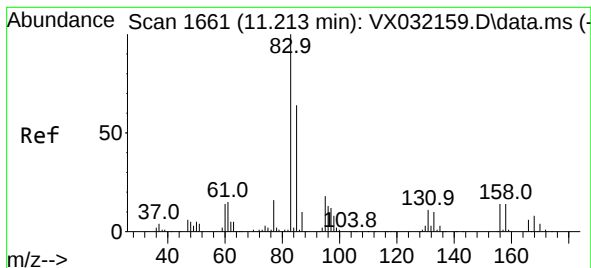
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 126.833 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

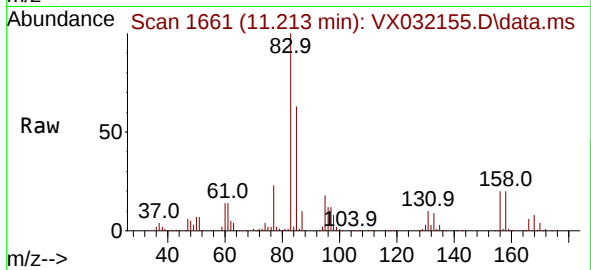
Tgt Ion: 43 Resp: 341172
Ion Ratio Lower Upper
43 100
70 44.2 33.4 50.2
55 24.2 18.2 27.2
61 24.8 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 104.940 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

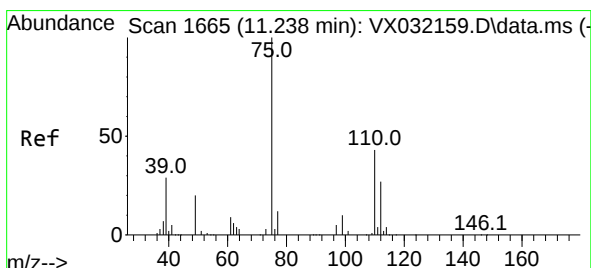
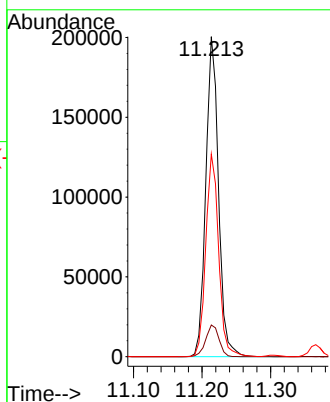
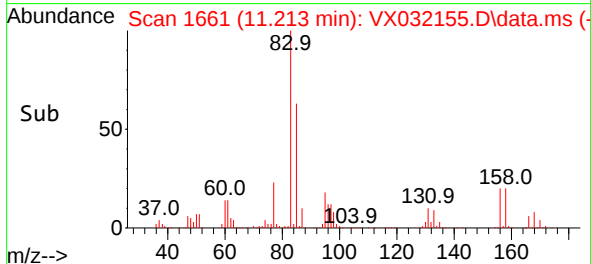
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



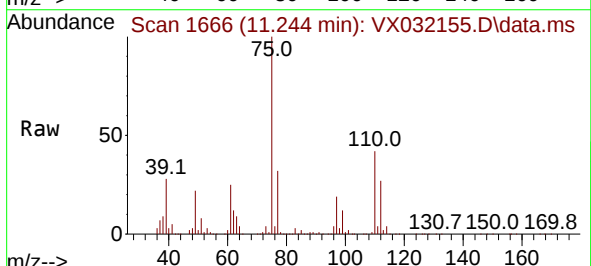
Tgt Ion: 83 Resp: 258490
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 64.2 32.6 97.8

Manual Integrations
APPROVED

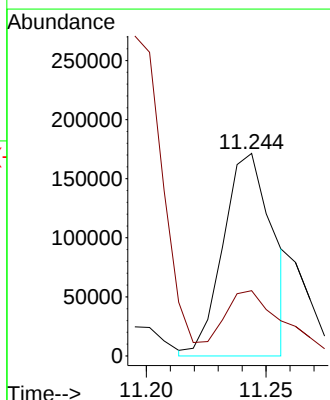
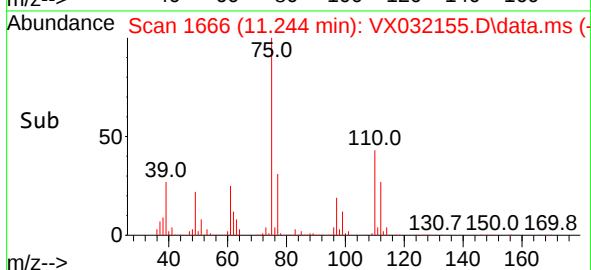
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

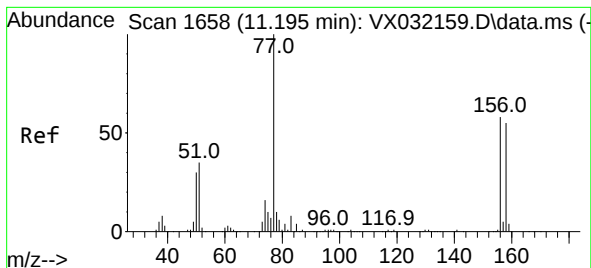


#76
1,2,3-Trichloropropane
Concen: 109.919 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



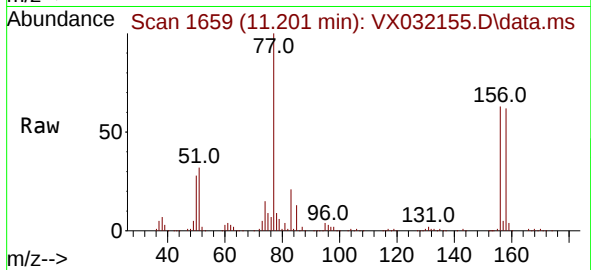
Tgt Ion: 75 Resp: 246588
Ion Ratio Lower Upper
75 100
77 39.7 20.3 60.9





#77
Bromobenzene
Concen: 110.246 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

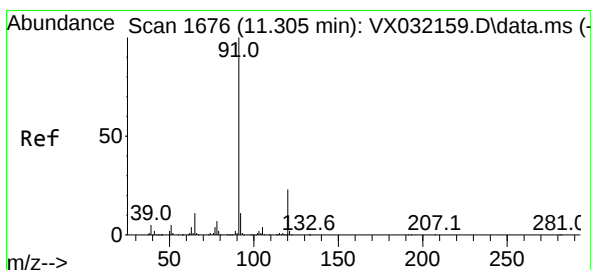
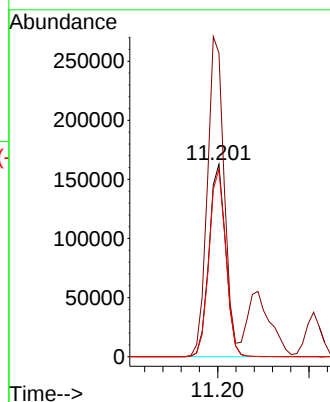
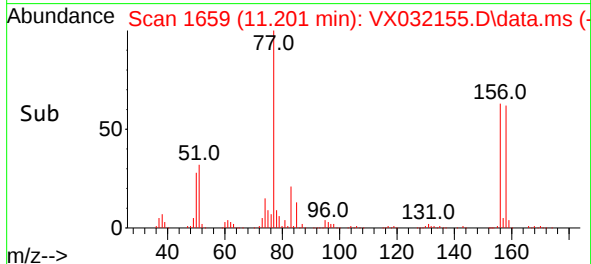
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



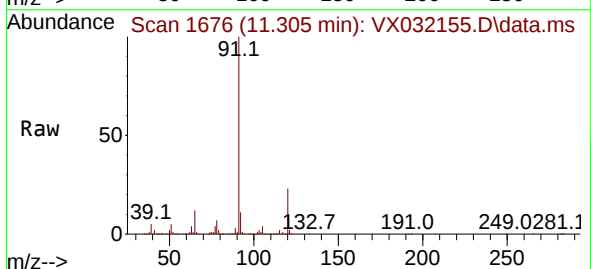
Tgt Ion:156 Resp: 206202
Ion Ratio Lower Upper
156 100
77 166.3 79.5 238.6
158 97.4 48.4 145.3

Manual Integrations
APPROVED

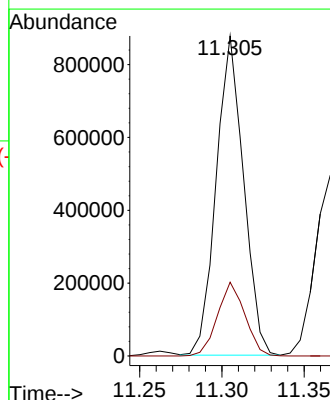
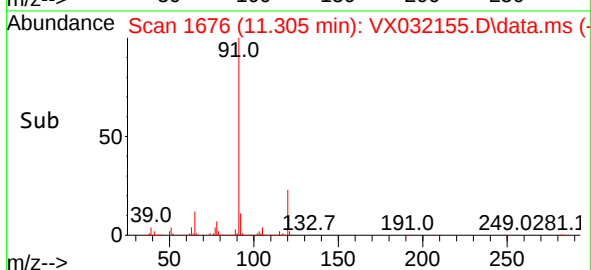
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

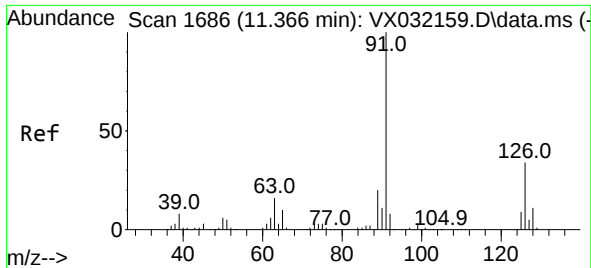


#78
n-propylbenzene
Concen: 110.065 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37



Tgt Ion: 91 Resp: 1013380
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





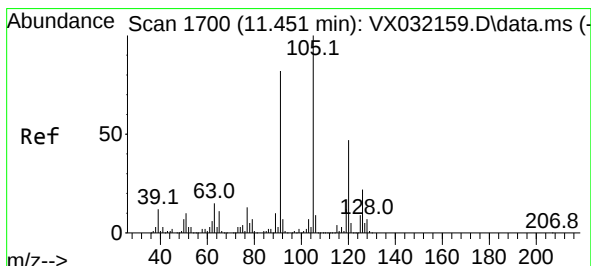
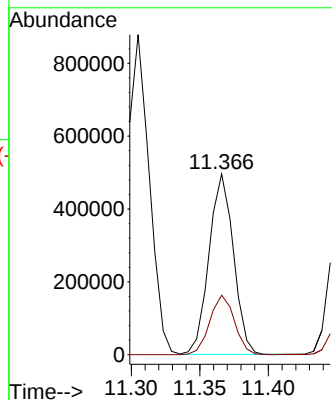
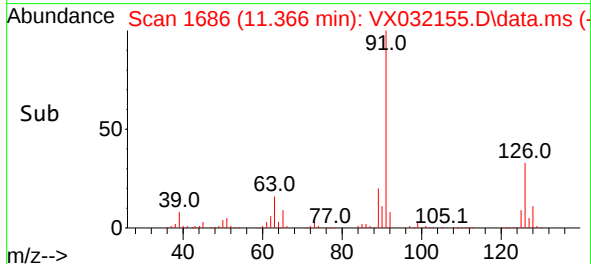
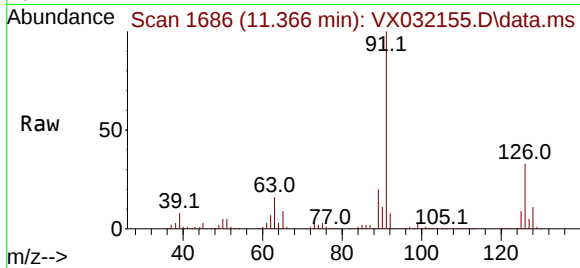
#79
2-Chlorotoluene
Concen: 108.145 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 615064
Ion Ratio Lower Upper
91 100
126 33.3 17.4 52.3

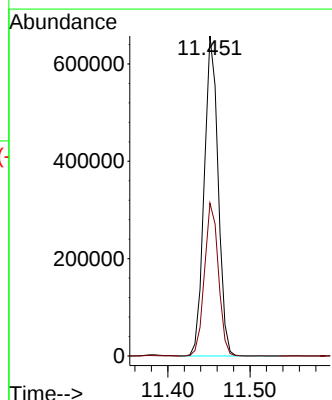
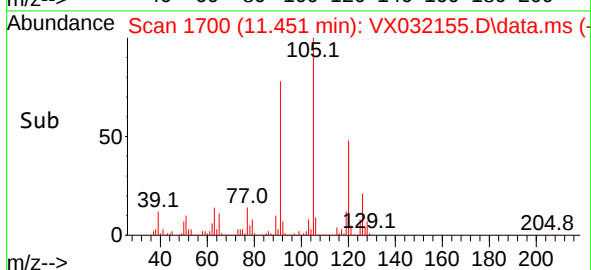
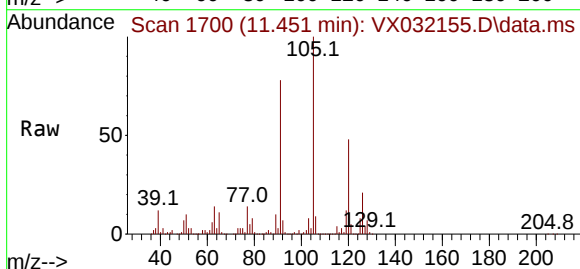
Manual Integrations
APPROVED

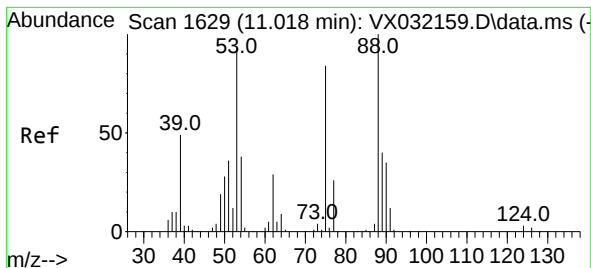
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 113.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

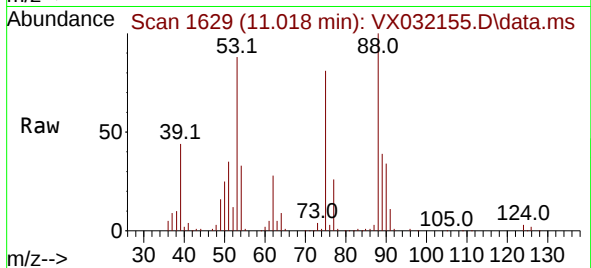
Tgt Ion:105 Resp: 771334
Ion Ratio Lower Upper
105 100
120 47.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 141.443 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

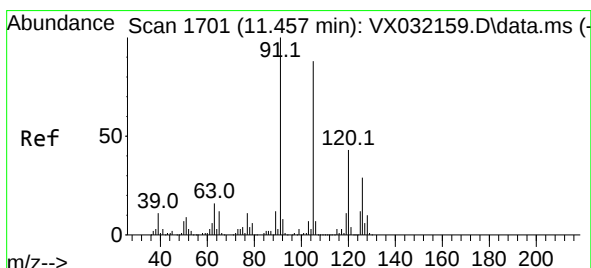
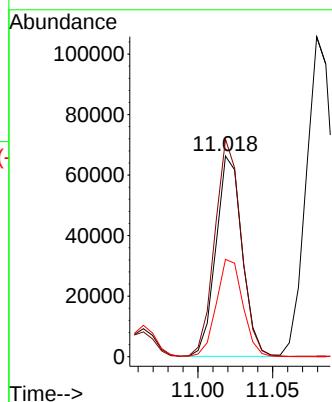
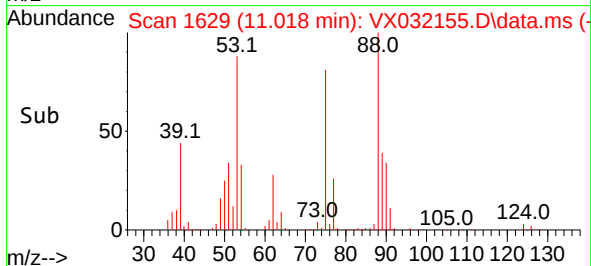
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 80954
Ion Ratio Lower Upper
75 100
53 108.2 77.6 116.4
89 49.0 37.4 56.0

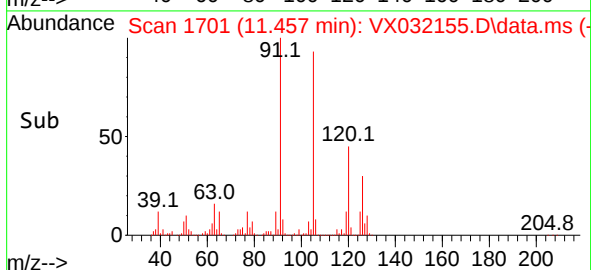
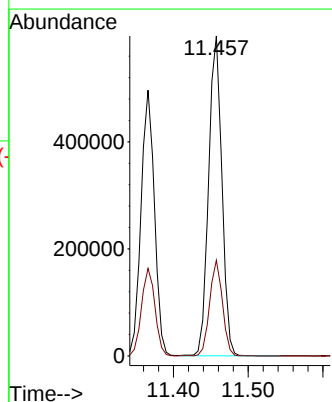
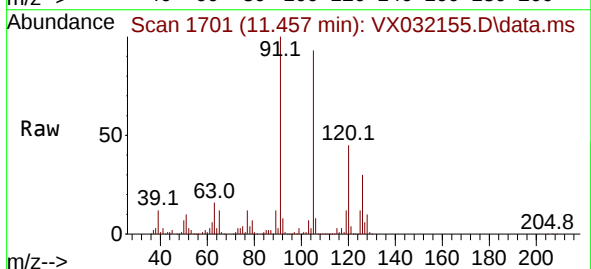
Manual Integrations
APPROVED

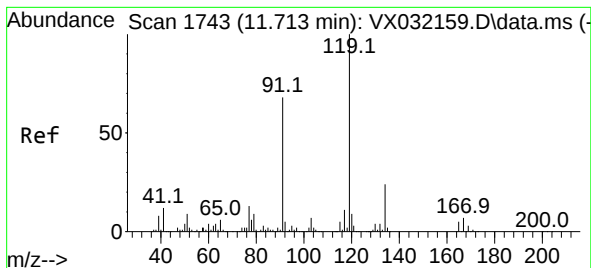
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 110.899 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 91 Resp: 734995
Ion Ratio Lower Upper
91 100
126 28.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 110.912 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

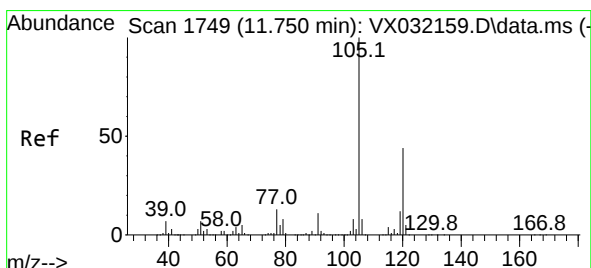
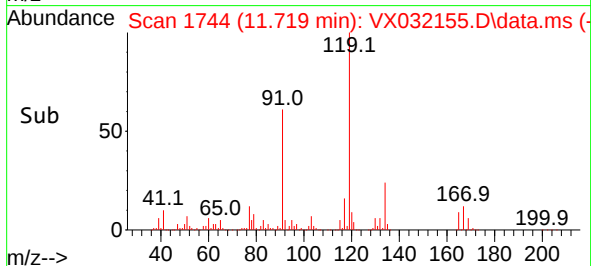
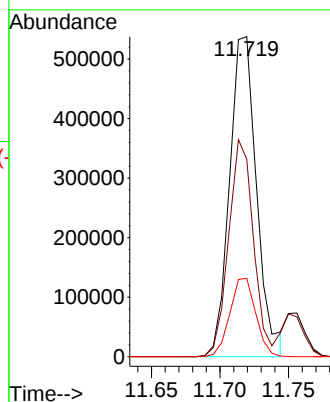
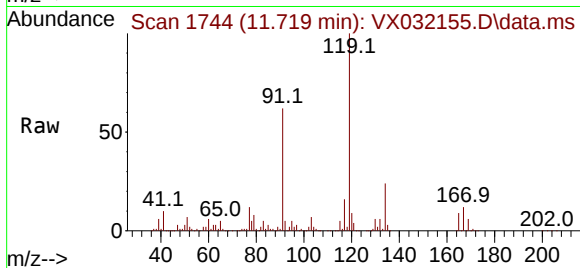
Tgt Ion:119 Resp: 739948
 Ion Ratio Lower Upper
 119 100
 91 62.0 29.2 87.6
 134 23.5 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#84

1,2,4-Trimethylbenzene

Concen: 112.313 ug/l

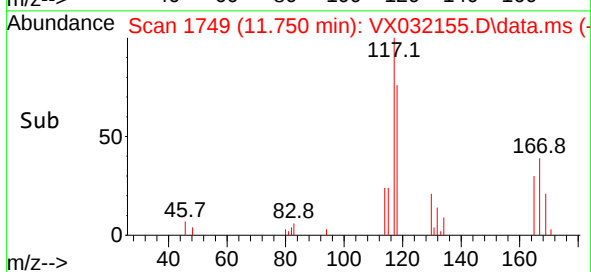
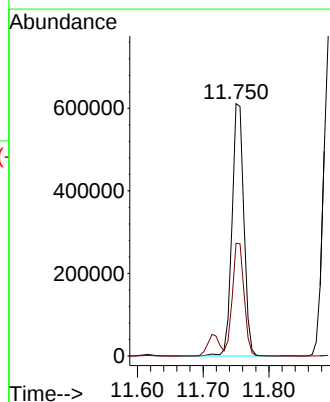
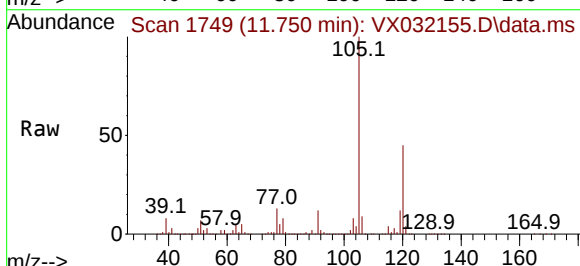
RT: 11.750 min Scan# 1749

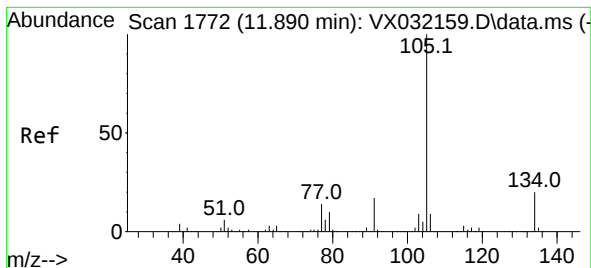
Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

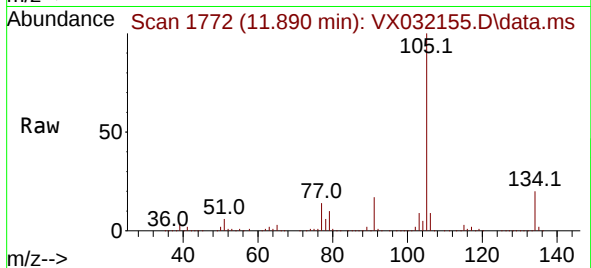
Tgt Ion:105 Resp: 766459
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 113.477 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032155.D
 Acq: 17 Oct 2022 13:37

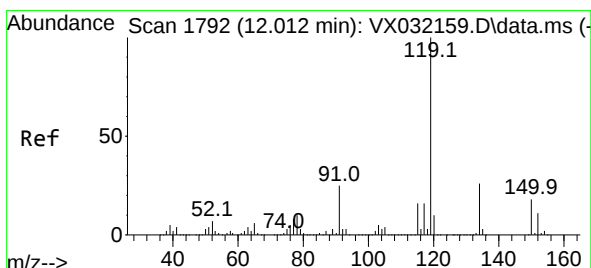
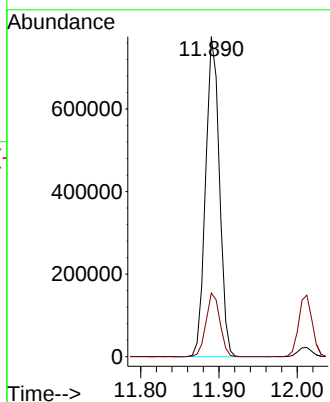
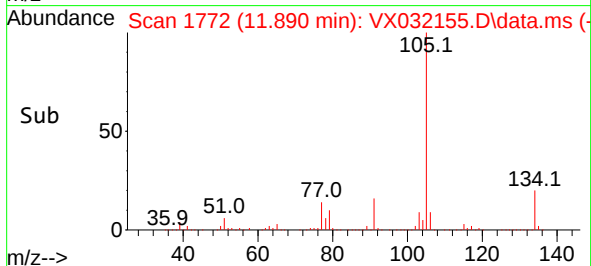
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



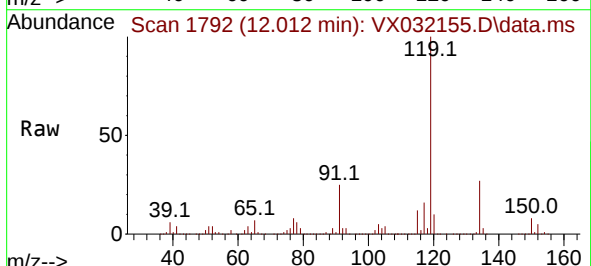
Tgt Ion:105 Resp: 947448
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

Manual Integrations
 APPROVED

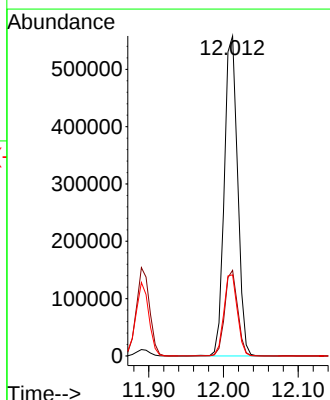
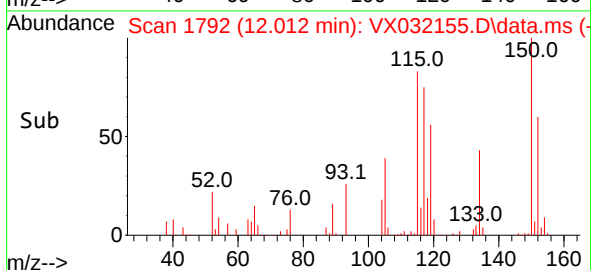
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

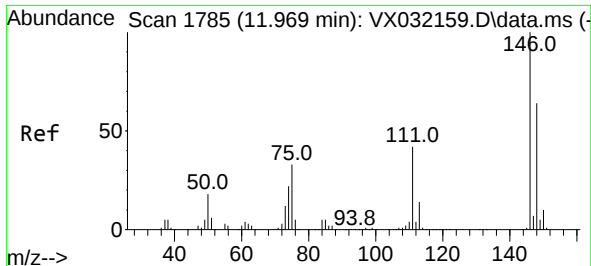


#86
 p-Isopropyltoluene
 Concen: 99.362 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032155.D
 Acq: 17 Oct 2022 13:37



Tgt Ion:119 Resp: 690613
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.2
 91 25.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 100.082 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 36176

Ion Ratio Lower Upper

146 100

111 43.0 19.8 59.4

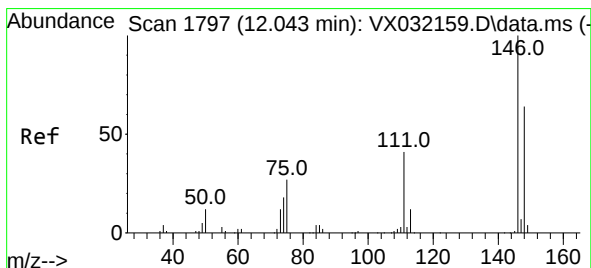
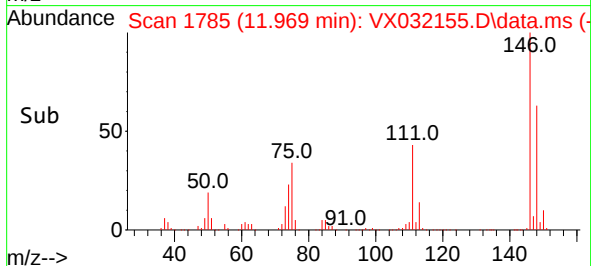
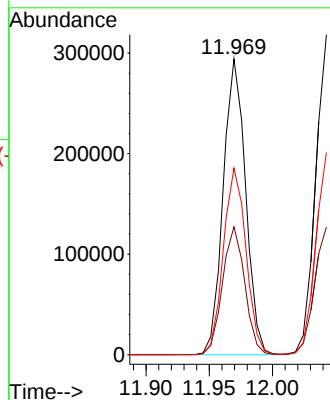
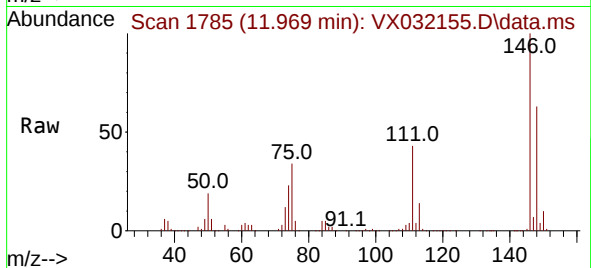
148 63.8 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 102.474 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

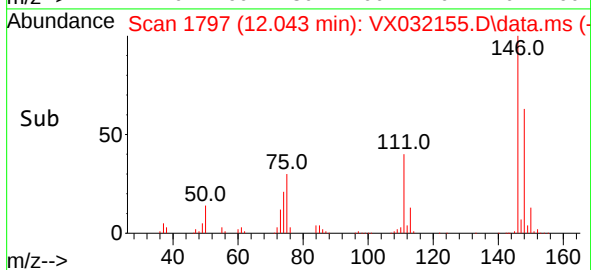
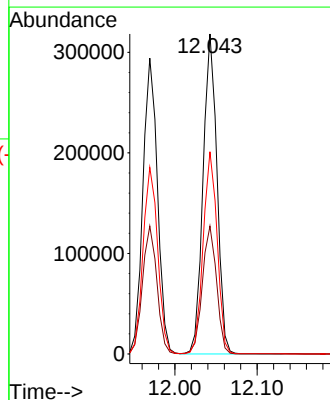
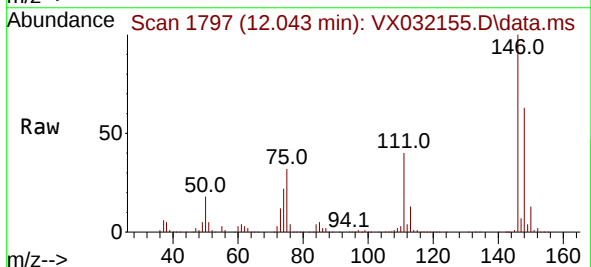
Tgt Ion:146 Resp: 373781

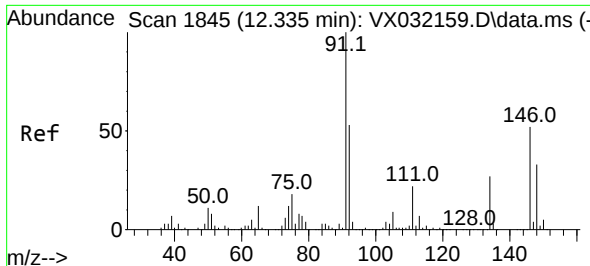
Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.5

148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 100.208 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 574220

Ion Ratio Lower Upper

91 100

92 53.4 27.0 81.0

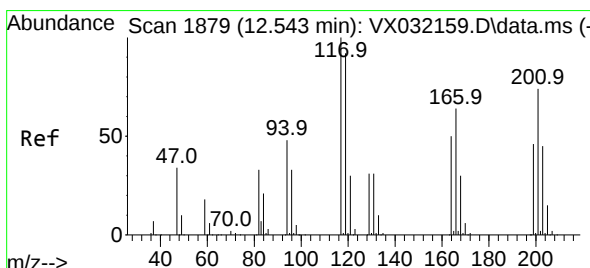
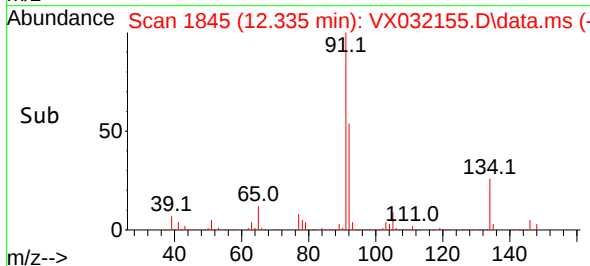
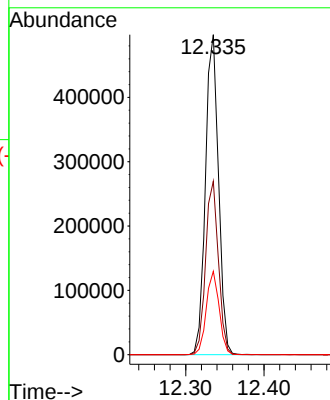
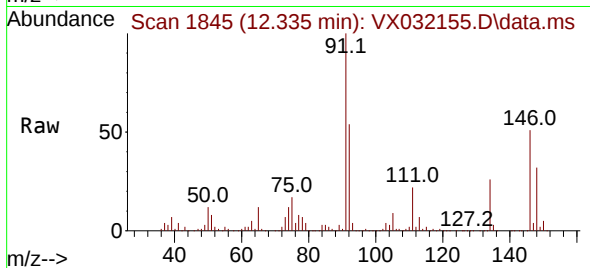
134 25.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#90

Hexachloroethane

Concen: 107.948 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX032155.D

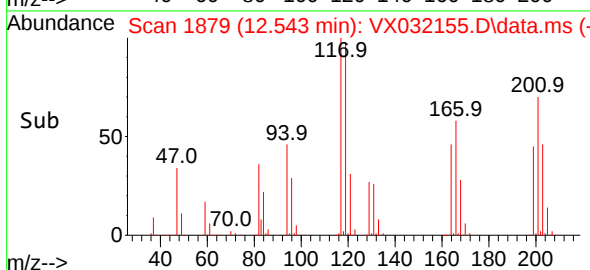
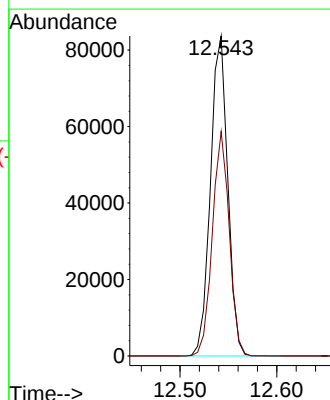
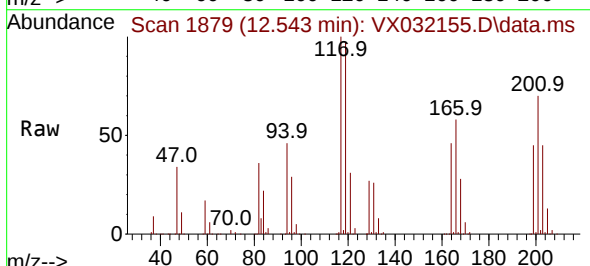
Acq: 17 Oct 2022 13:37

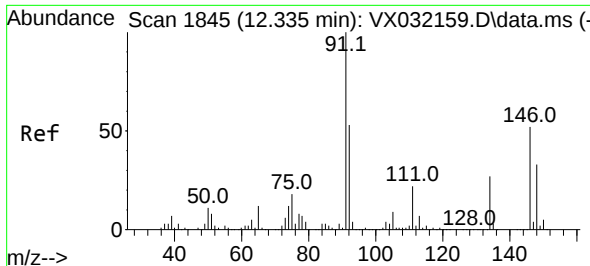
Tgt Ion:117 Resp: 104118

Ion Ratio Lower Upper

117 100

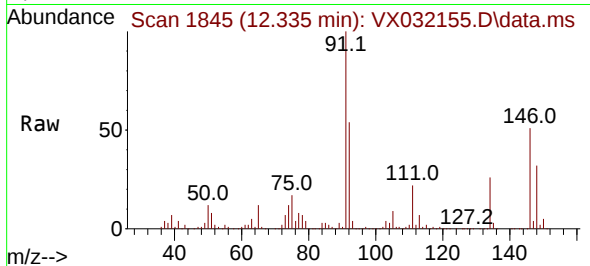
201 68.4 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 88.413 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

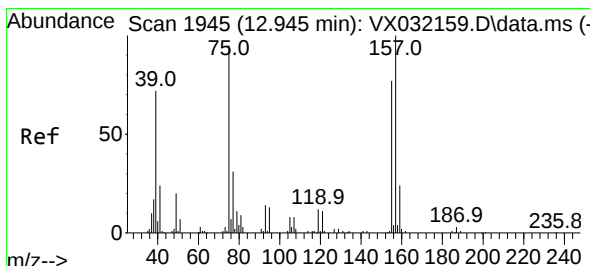
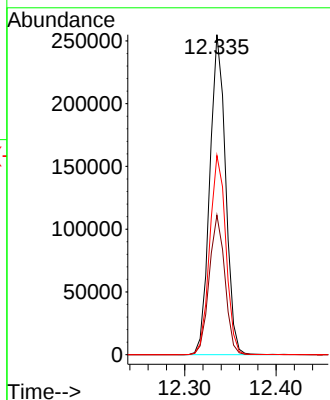
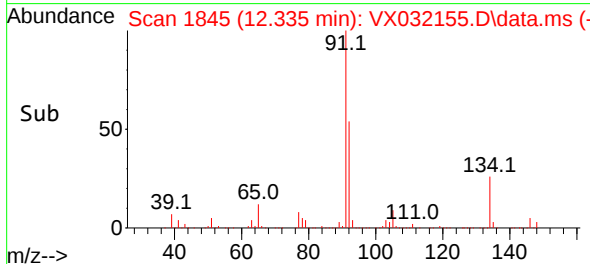
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 30538
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 63.7 31.6 95.0

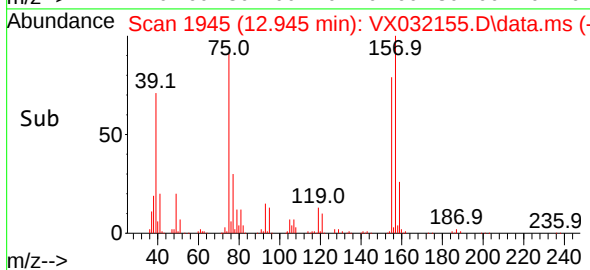
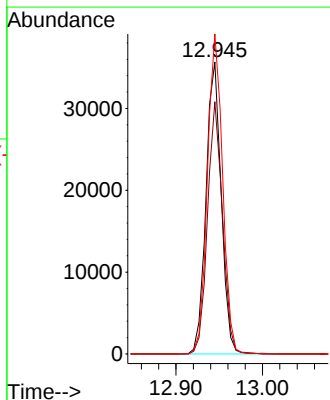
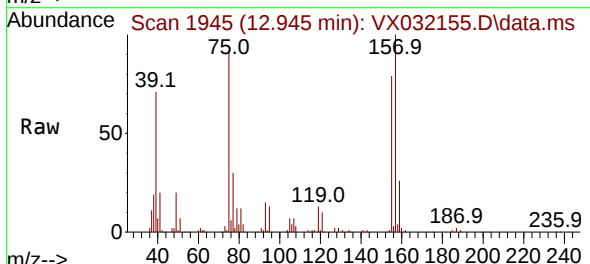
Manual Integrations
APPROVED

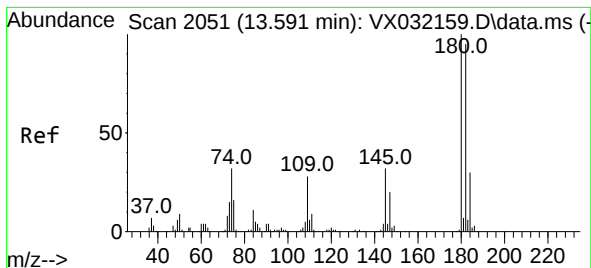
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.127 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032155.D
Acq: 17 Oct 2022 13:37

Tgt Ion: 75 Resp: 43507
Ion Ratio Lower Upper
75 100
155 84.7 40.3 120.8
157 109.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 99.180 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 190270

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

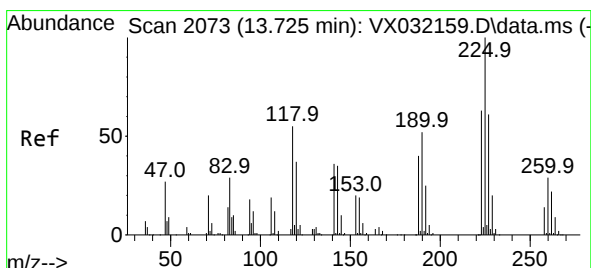
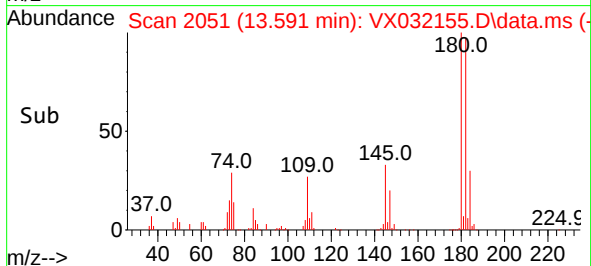
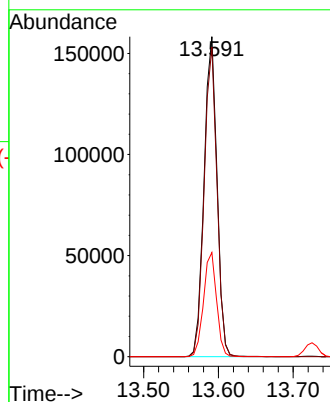
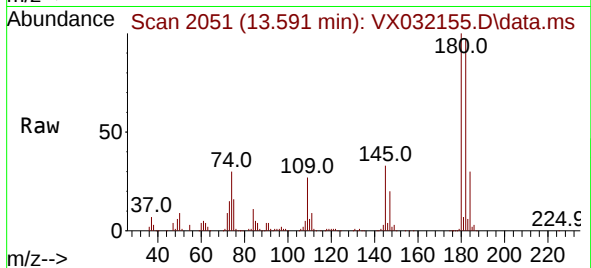
145 32.7 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#94

Hexachlorobutadiene

Concen: 93.850 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

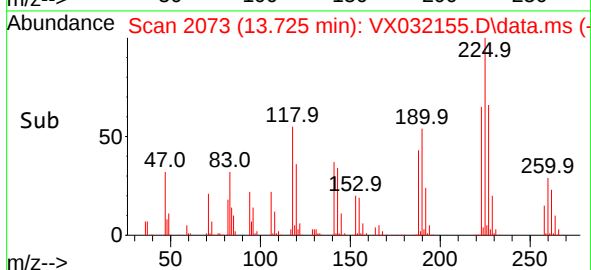
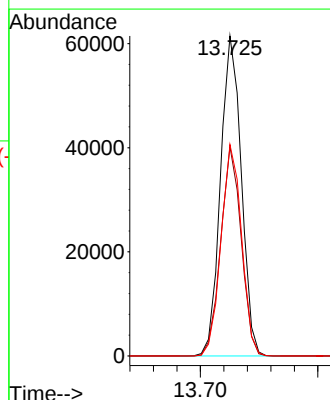
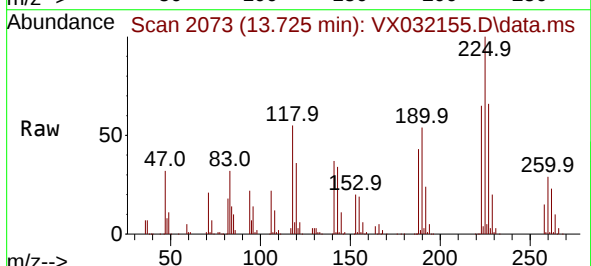
Tgt Ion:225 Resp: 75458

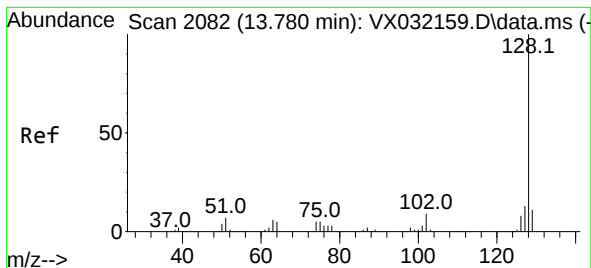
Ion Ratio Lower Upper

225 100

223 64.3 30.8 92.4

227 65.4 32.3 96.9





#95

Naphthalene

Concen: 100.733 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 645798

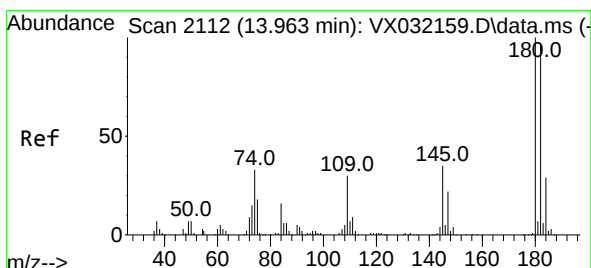
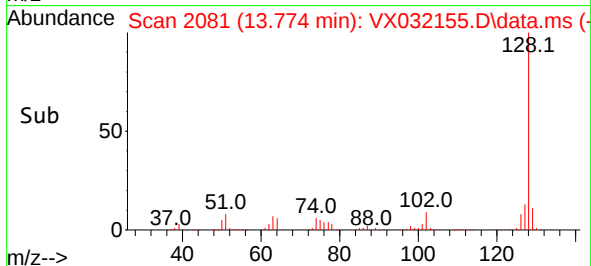
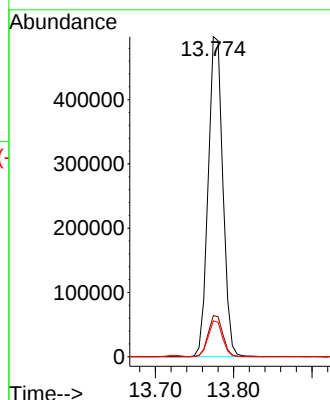
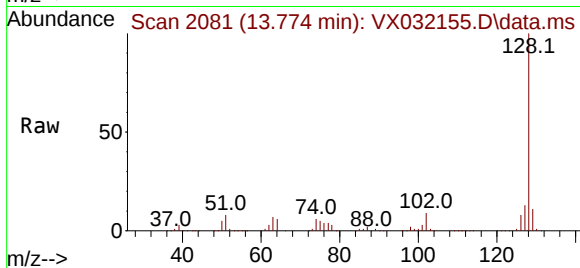
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#96

1,2,3-Trichlorobenzene

Concen: 99.248 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Tgt Ion:180 Resp: 190612

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.8
145	34.3	17.6	52.8

