

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032111.D
 Acq On : 13 Oct 2022 15:19
 Operator : JC/MD
 Sample : VX1013WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87478	57.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.540%			
35) Dibromofluoromethane	5.385	113	65070	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.620%			
50) Toluene-d8	8.647	98	233044	49.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	91288	54.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22005	19.993	ug/l	98
3) Chloromethane	1.288	50	17615	15.283	ug/l	98
4) Vinyl Chloride	1.374	62	20439	15.174	ug/l	98
5) Bromomethane	1.611	94	16906	17.006	ug/l	99
6) Chloroethane	1.685	64	15688	13.687	ug/l	96
7) Trichlorofluoromethane	1.886	101	38146	15.755	ug/l	96
8) Diethyl Ether	2.136	74	13940	16.891	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19277	15.752	ug/l	93
10) Methyl Iodide	2.453	142	16369	15.176	ug/l	99
11) Tert butyl alcohol	2.989	59	22458	118.181	ug/l	97
12) 1,1-Dichloroethene	2.319	96	17207	15.275	ug/l	87
13) Acrolein	2.239	56	8373	64.873	ug/l	99
14) Allyl chloride	2.666	41	33006	20.591	ug/l	97
15) Acrylonitrile	3.069	53	61767	101.961	ug/l	99
16) Acetone	2.386	43	40698	78.402	ug/l	97
17) Carbon Disulfide	2.514	76	30774	12.721	ug/l	97
18) Methyl Acetate	2.703	43	37915	22.137	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	80119	21.194	ug/l	98
20) Methylene Chloride	2.788	84	25488	18.685	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22408	17.962	ug/l	98
22) Diisopropyl ether	3.764	45	77877	21.612	ug/l	98
23) Vinyl Acetate	3.727	43	295382	109.665	ug/l	99
24) 1,1-Dichloroethane	3.611	63	43633	20.200	ug/l	97
25) 2-Butanone	4.562	43	84554	104.200	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30054	19.371	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28092	18.819	ug/l	95
28) Bromochloromethane	4.904	49	21370	23.114	ug/l	94
29) Tetrahydrofuran	5.013	42	53314	101.827	ug/l	96
30) Chloroform	5.093	83	49807	20.701	ug/l	99
31) Cyclohexane	5.471	56	34597	18.961	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	41795	20.442	ug/l	98
36) 1,1-Dichloropropene	5.696	75	33705	19.261	ug/l	98
37) Ethyl Acetate	4.715	43	34186	20.751	ug/l	99
38) Carbon Tetrachloride	5.678	117	35492	19.836	ug/l	99
39) Methylcyclohexane	7.385	83	37057	17.754	ug/l	97
40) Benzene	6.044	78	98226	19.169	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19411	22.658	ug/l	99
42) 1,2-Dichloroethane	6.086	62	42295	22.651	ug/l	100
43) Isopropyl Acetate	6.342	43	53708	21.487	ug/l	100
44) Trichloroethene	7.129	130	26718	17.783	ug/l	95
45) 1,2-Dichloropropane	7.434	63	24771	19.671	ug/l	94
46) Dibromomethane	7.586	93	19162	19.635	ug/l	97
47) Bromodichloromethane	7.824	83	34863	20.679	ug/l	99
48) Methyl methacrylate	7.696	41	27745	23.229	ug/l	99
49) 1,4-Dioxane	7.684	88	10937	360.582	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	180063	108.705	ug/l	100
52) Toluene	8.720	92	63551	18.969	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32230	18.538	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35956	19.693	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27589	19.511	ug/l	95
56) Ethyl methacrylate	9.116	69	37897	20.908	ug/l	97
57) 1,3-Dichloropropane	9.311	76	45837	20.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	89269	95.408	ug/l	96
59) 2-Hexanone	9.433	43	133658	109.434	ug/l	98
60) Dibromochloromethane	9.525	129	25145	19.431	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27595	19.405	ug/l	99
64) Tetrachloroethene	9.275	164	26139	18.627	ug/l	94
65) Chlorobenzene	10.079	112	69237	18.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24442	18.755	ug/l	97
67) Ethyl Benzene	10.195	91	124395	19.524	ug/l	98
68) m/p-Xylenes	10.305	106	95024	37.530	ug/l	95
69) o-Xylene	10.640	106	46652	18.957	ug/l	95
70) Styrene	10.659	104	78459	19.943	ug/l	98
71) Bromoform	10.799	173	16116	18.890	ug/l #	99
73) Isopropylbenzene	10.963	105	126919	22.311	ug/l	99
74) N-amyl acetate	10.848	43	44816	25.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40419	22.363	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36689m	23.734	ug/l	
77) Bromobenzene	11.201	156	29281	20.896	ug/l	95
78) n-propylbenzene	11.305	91	146167	22.590	ug/l	98
79) 2-Chlorotoluene	11.366	91	89088	22.880	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	109355	23.178	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7816	20.247	ug/l #	69
82) 4-Chlorotoluene	11.457	91	103802	23.277	ug/l	96
83) tert-Butylbenzene	11.713	119	86372	18.497	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90454	18.872	ug/l	99
85) sec-Butylbenzene	11.890	105	114301	19.771	ug/l	99
86) p-Isopropyltoluene	12.012	119	97178	19.965	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	48916	18.334	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	50327	18.326	ug/l	98
89) n-Butylbenzene	12.335	91	81110	19.899	ug/l	98
90) Hexachloroethane	12.536	117	13196	17.911	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	48510	18.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6068	18.341	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	29105	18.077	ug/l	100
94) Hexachlorobutadiene	13.725	225	11846	18.192	ug/l	99
95) Naphthalene	13.774	128	104806	18.997	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30466	18.655	ug/l	99

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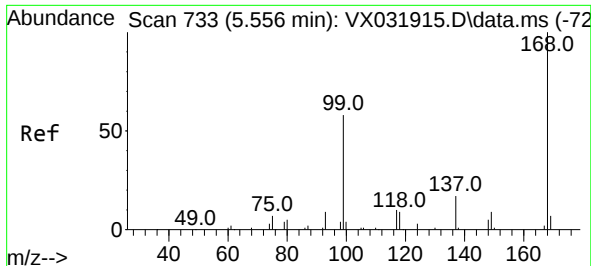
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

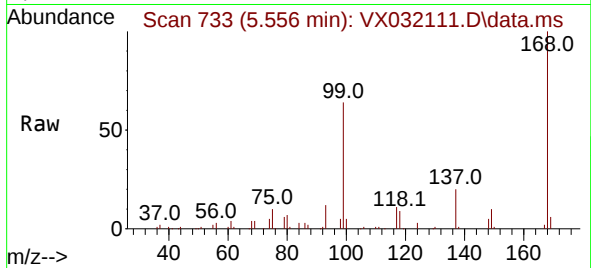
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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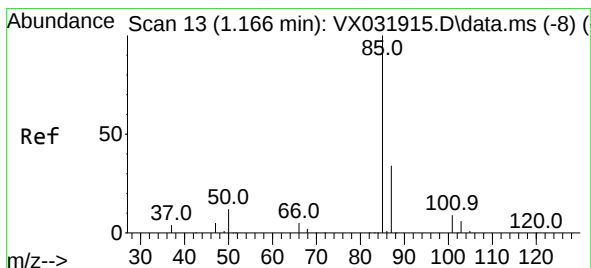
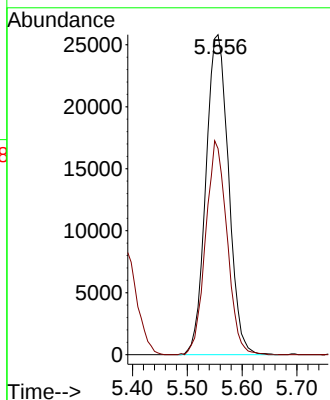
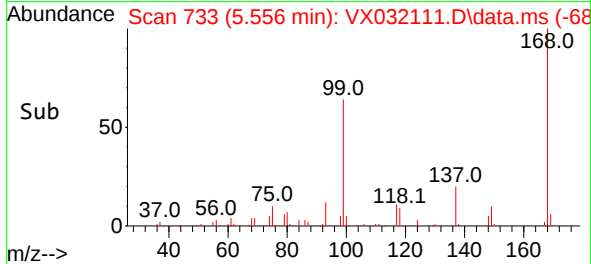
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



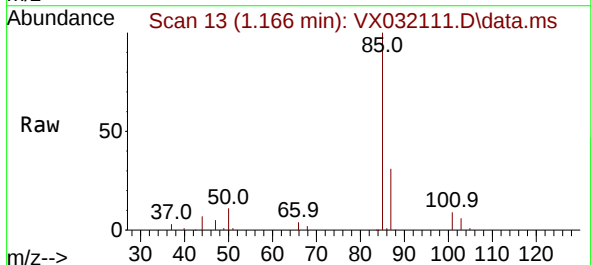
Tgt Ion:168 Resp: 7395
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2

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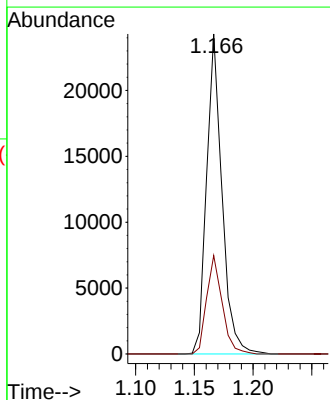
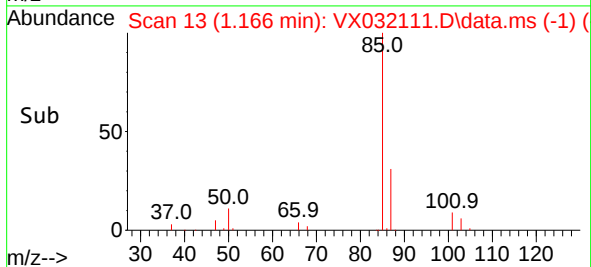
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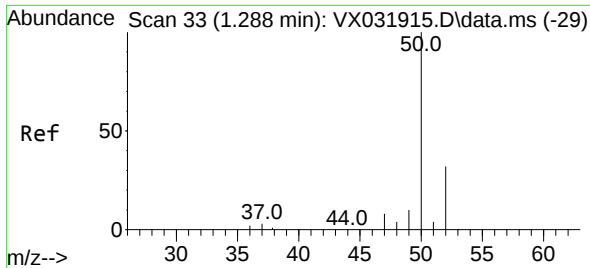


#2
Dichlorodifluoromethane
Concen: 19.993 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion: 85 Resp: 22005
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





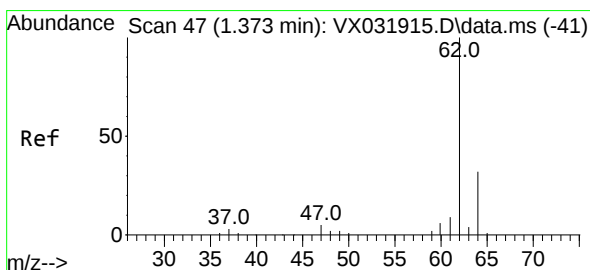
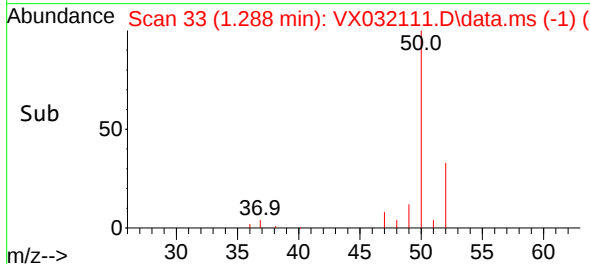
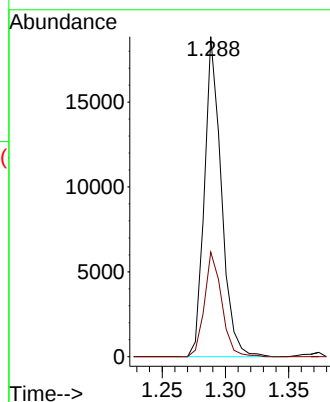
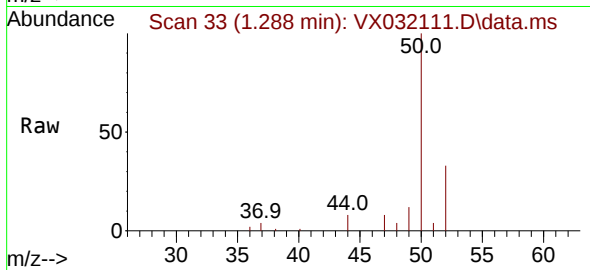
#3
Chloromethane
Concen: 15.283 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 50 Resp: 1761
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

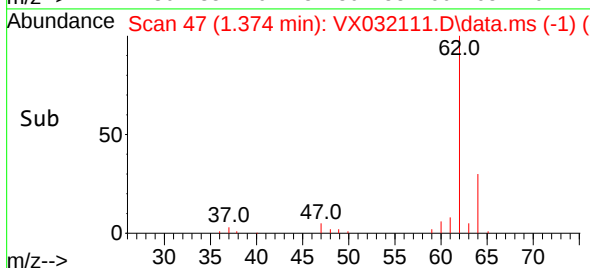
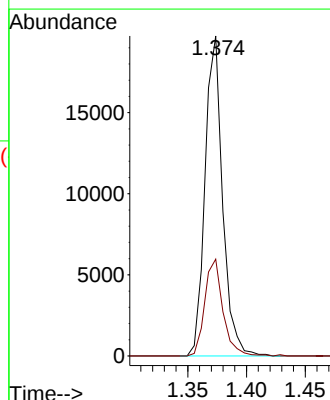
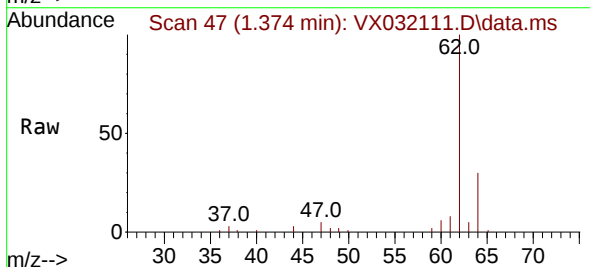
Manual Integrations
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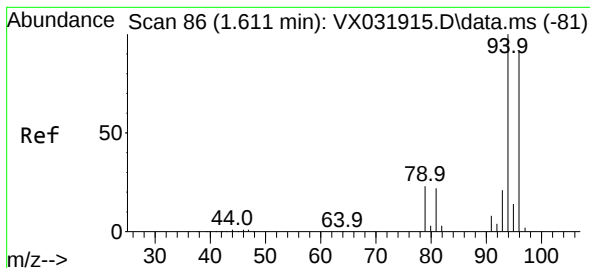
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 15.174 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 62 Resp: 20439
Ion Ratio Lower Upper
62 100
64 30.2 25.3 37.9





#5

Bromomethane

Concen: 17.006 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 94 Resp: 16900

Ion Ratio Lower Upper

94 100

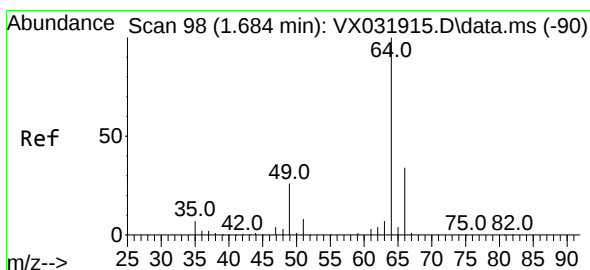
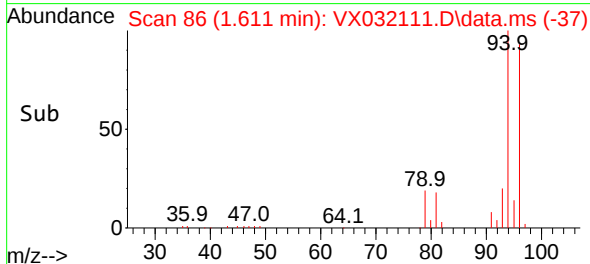
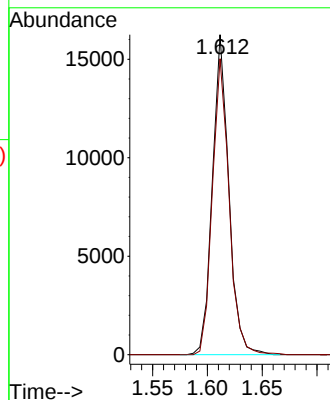
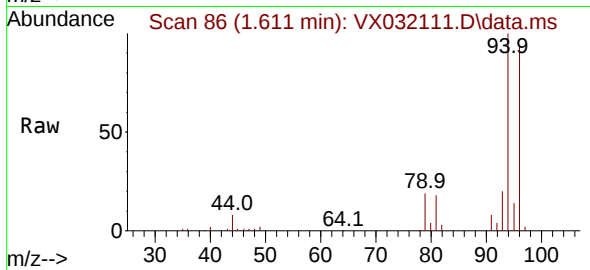
96 92.5 74.4 111.6

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#6

Chloroethane

Concen: 13.687 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.001 min

Lab File: VX032111.D

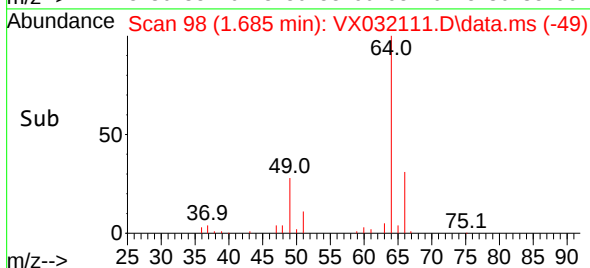
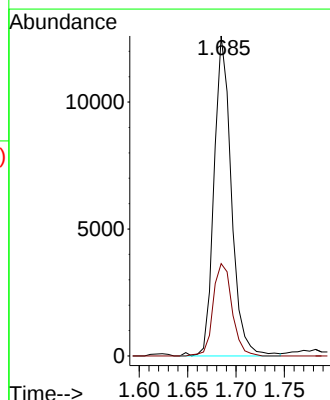
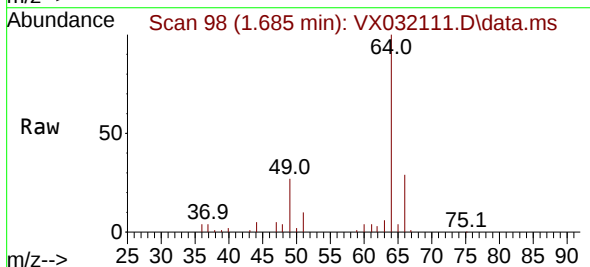
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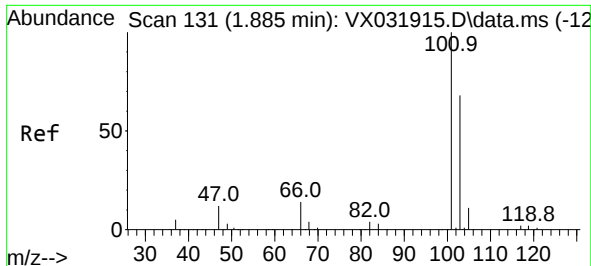
Tgt Ion: 64 Resp: 15688

Ion Ratio Lower Upper

64 100

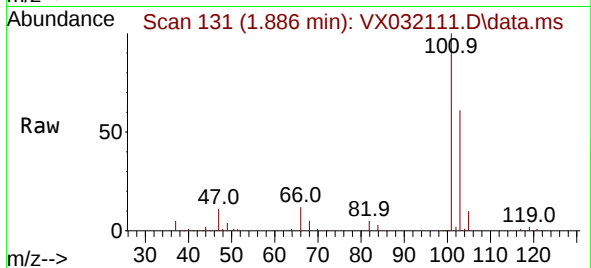
66 28.9 25.0 37.4





#7
Trichlorofluoromethane
Concen: 15.755 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

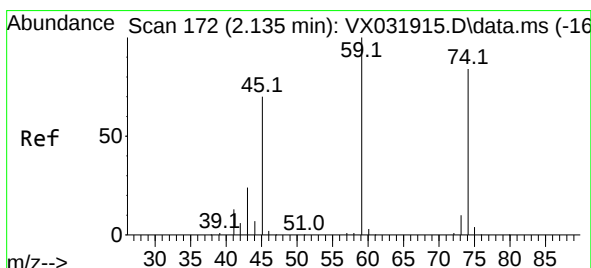
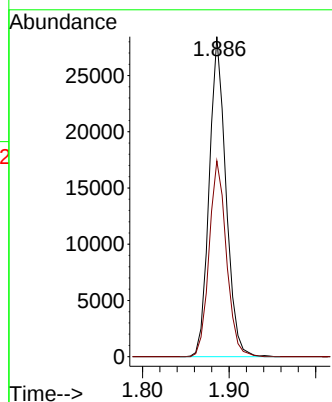
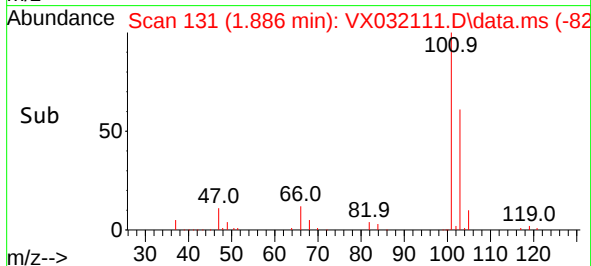
Instrument :
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ClientSampleId :
VX1013WBSD01



Tgt Ion:101 Resp: 38140
Ion Ratio Lower Upper
101 100
103 61.2 51.8 77.6

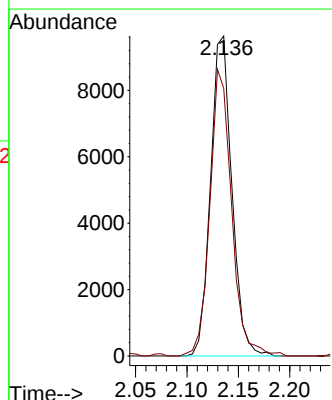
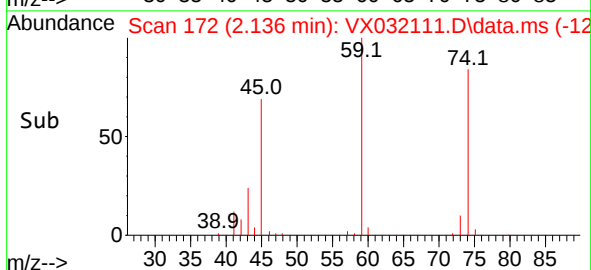
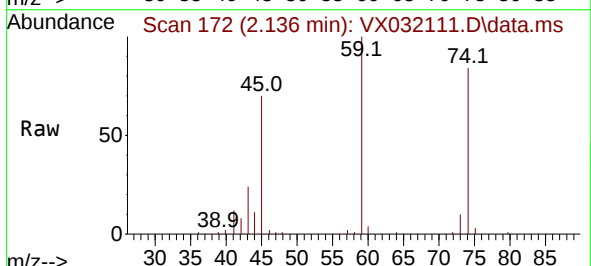
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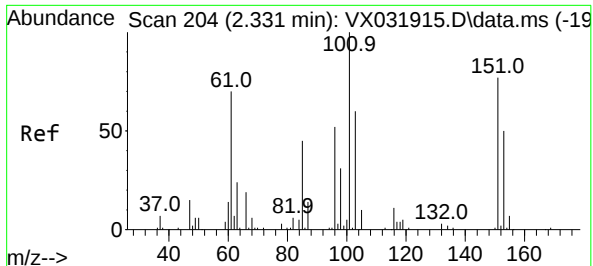
Reviewed By :John Carlone 10/14/2022
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#8
Diethyl Ether
Concen: 16.891 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX032111.D
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Tgt Ion: 74 Resp: 13940
Ion Ratio Lower Upper
74 100
45 91.1 48.5 145.6





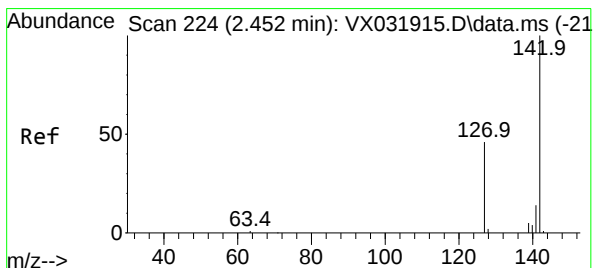
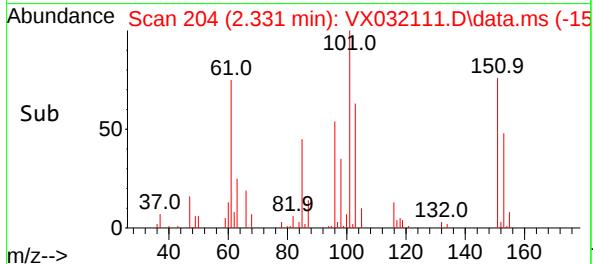
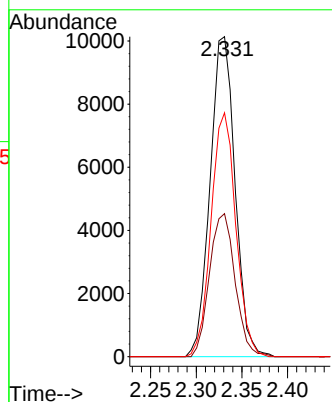
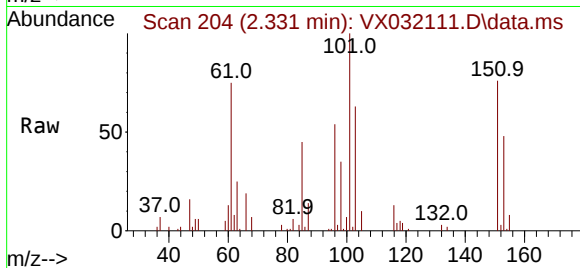
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.752 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:101 Resp: 1927
Ion Ratio Lower Upper
101 100
85 45.9 38.6 57.8
151 75.6 54.0 81.0

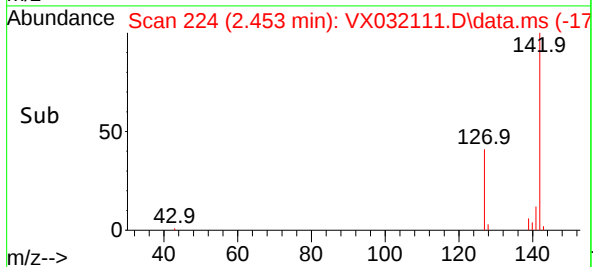
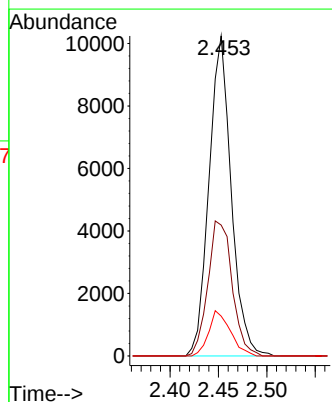
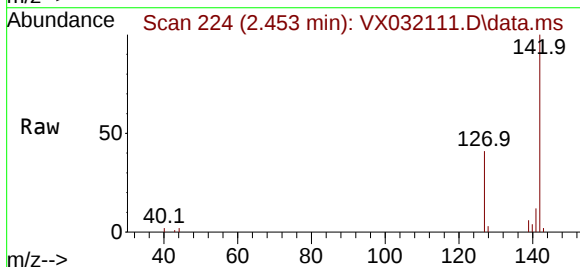
Manual Integrations
APPROVED

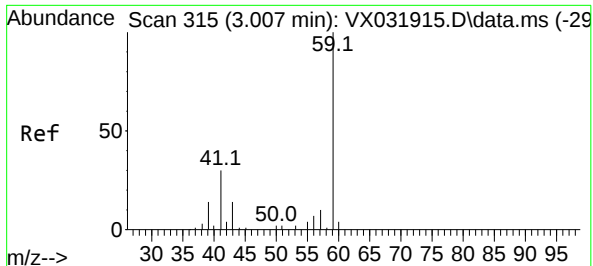
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
Methyl Iodide
Concen: 15.176 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

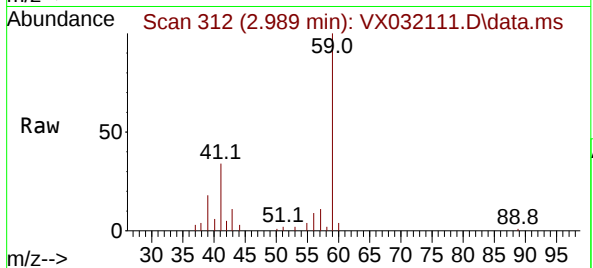
Tgt Ion:142 Resp: 16369
Ion Ratio Lower Upper
142 100
127 46.1 37.4 56.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 118.181 ug/l
RT: 2.989 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

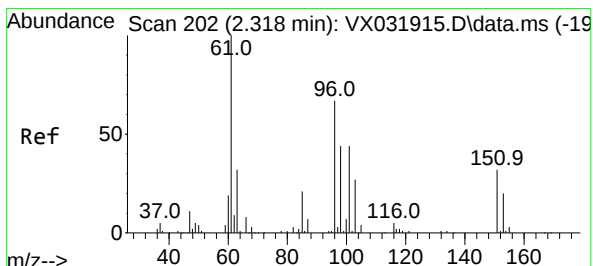
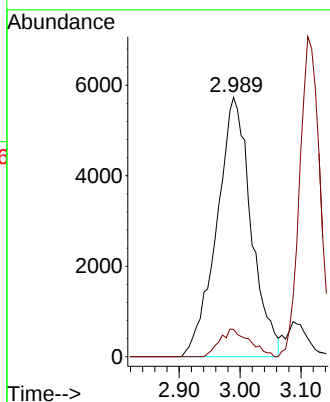
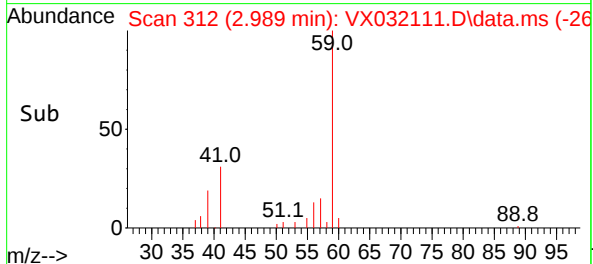
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion: 59 Resp: 22458
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2

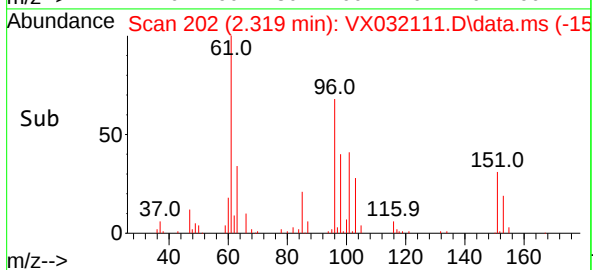
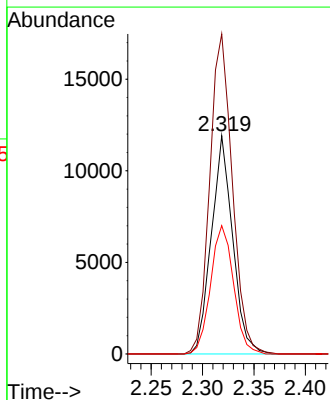
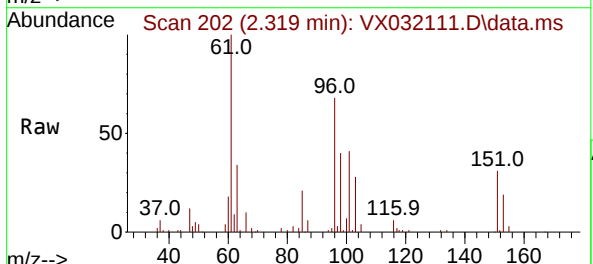
Manual Integrations
APPROVED

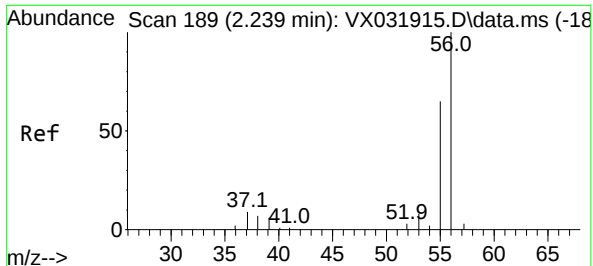
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
1,1-Dichloroethene
Concen: 15.275 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

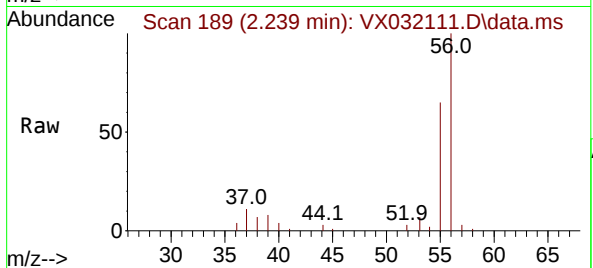
Tgt Ion: 96 Resp: 17207
Ion Ratio Lower Upper
96 100
61 146.6 135.3 202.9
98 58.8 49.4 74.2





#13
Acrolein
Concen: 64.873 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

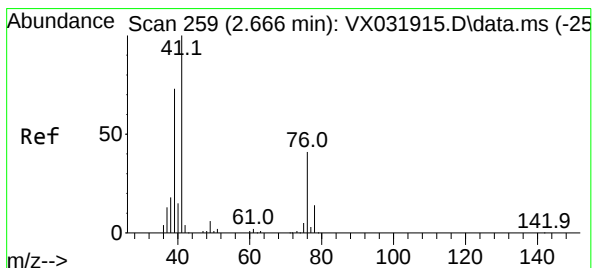
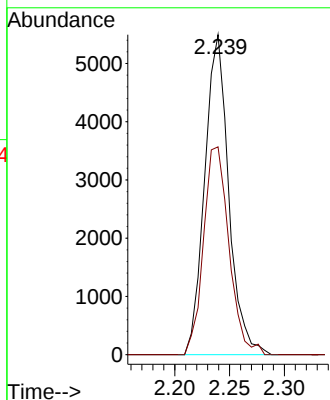
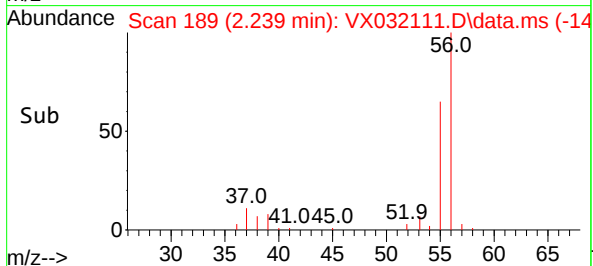
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion: 56 Resp: 837
Ion Ratio Lower Upper
56 100
55 69.0 56.0 84.0

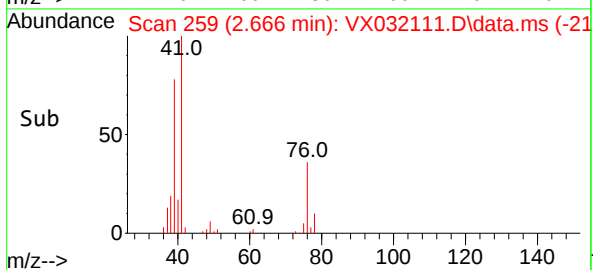
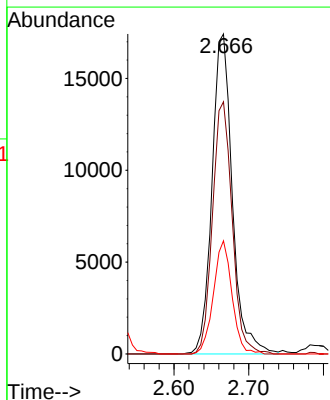
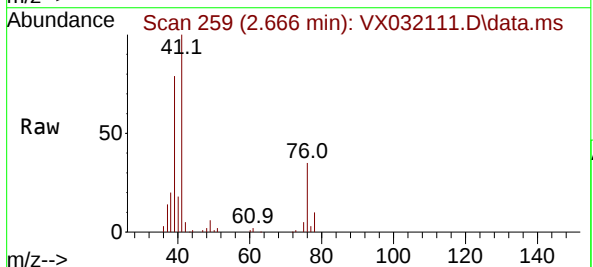
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Allyl chloride
Concen: 20.591 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 41 Resp: 33006
Ion Ratio Lower Upper
41 100
39 75.9 58.2 87.4
76 32.2 26.9 40.3





#15

Acrylonitrile

Concen: 101.961 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

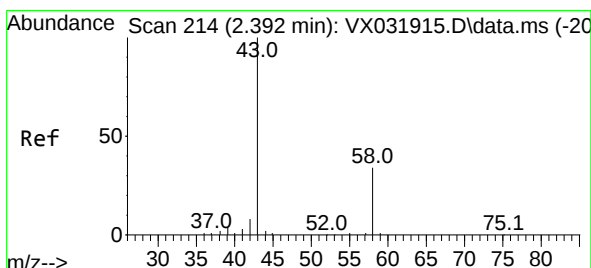
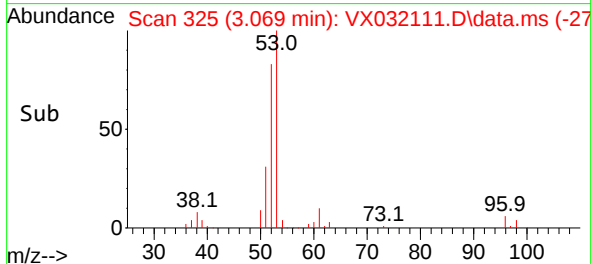
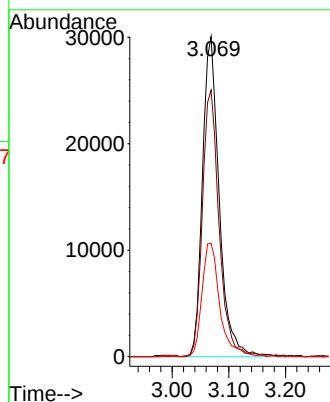
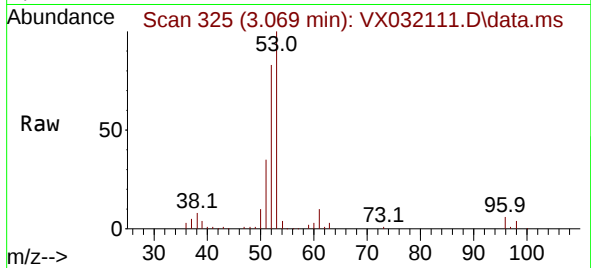
Tgt Ion: 53	Resp: 6176
Ion Ratio	Lower Upper
53 100	
52 82.7	66.9 100.3
51 37.8	30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#16

Acetone

Concen: 78.402 ug/l

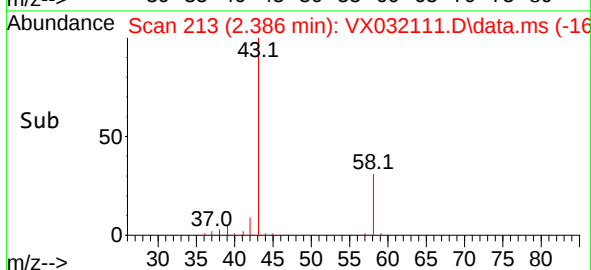
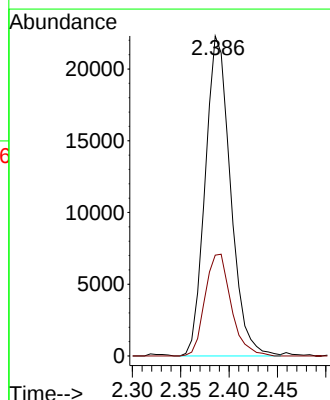
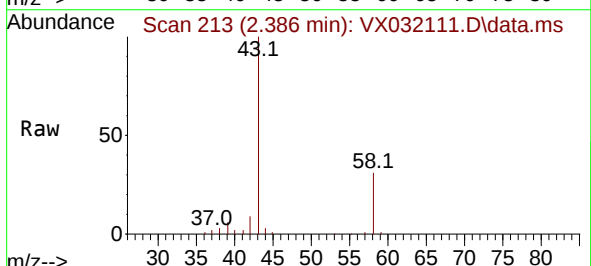
RT: 2.386 min Scan# 213

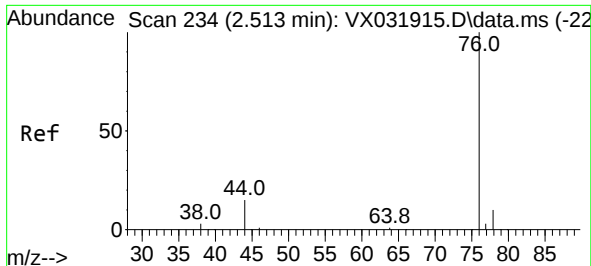
Delta R.T. -0.006 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion: 43	Resp: 40698
Ion Ratio	Lower Upper
43 100	
58 31.5	23.8 35.8





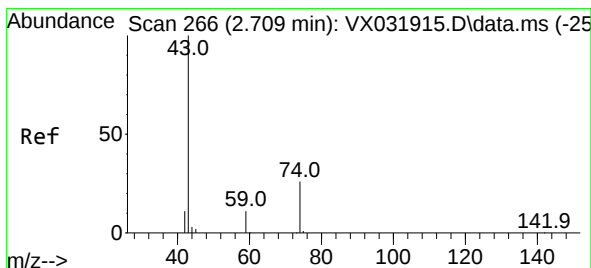
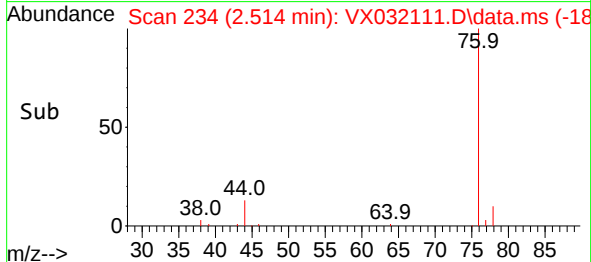
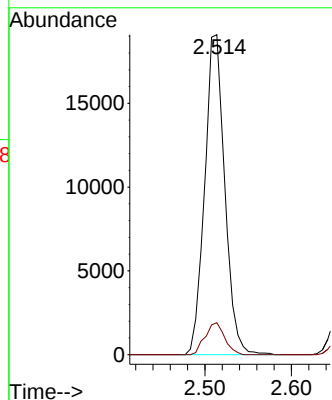
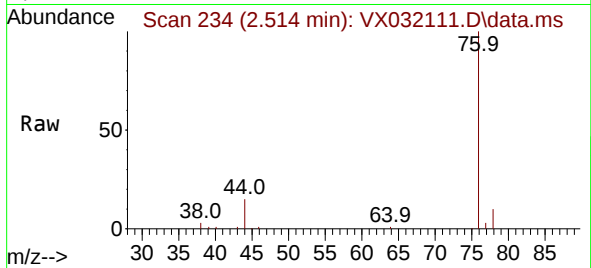
#17
Carbon Disulfide
Concen: 12.721 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 76 Resp: 30774
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

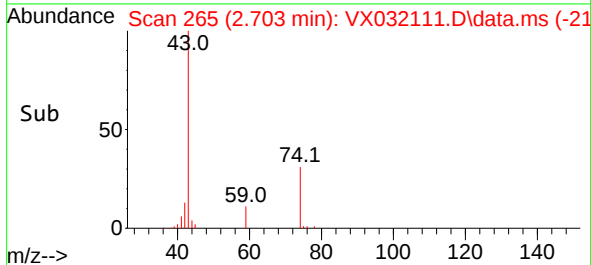
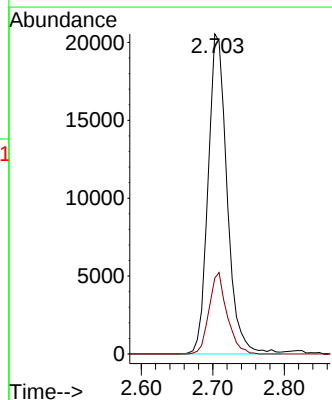
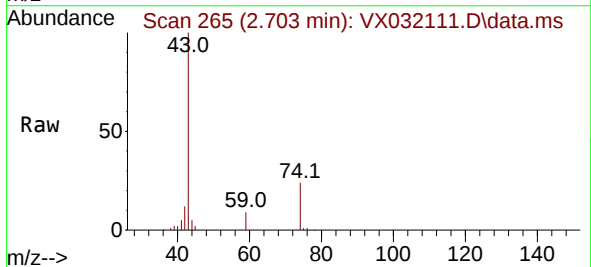
Manual Integrations
APPROVED

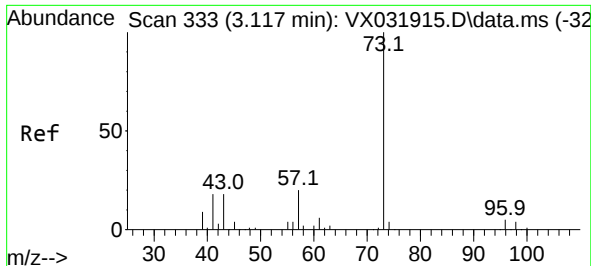
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#18
Methyl Acetate
Concen: 22.137 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 43 Resp: 37915
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8





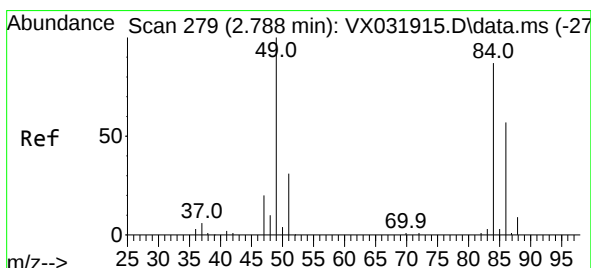
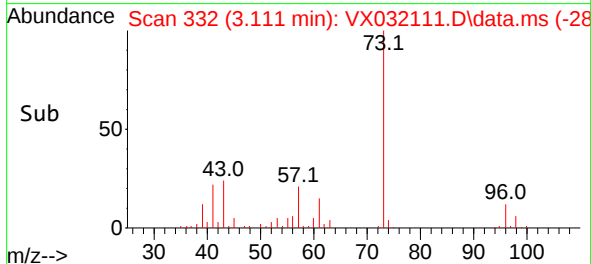
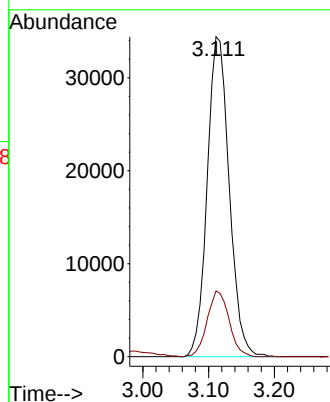
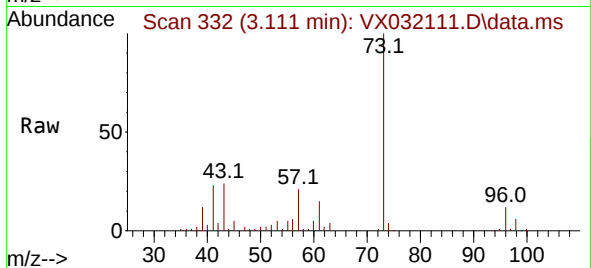
#19
Methyl tert-butyl Ether
Concen: 21.194 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 73 Resp: 80119
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8

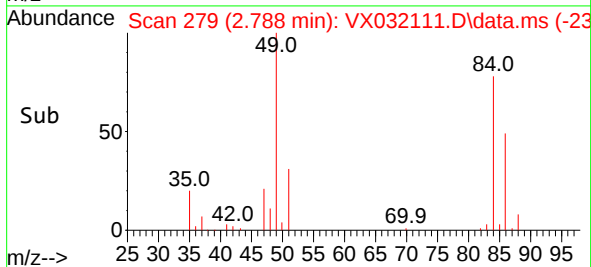
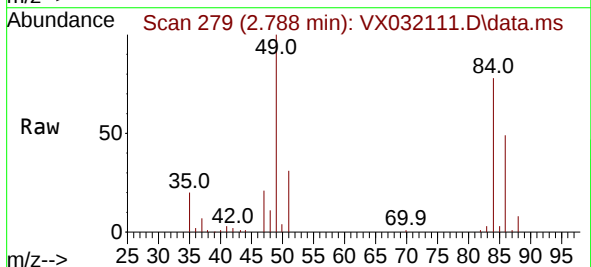
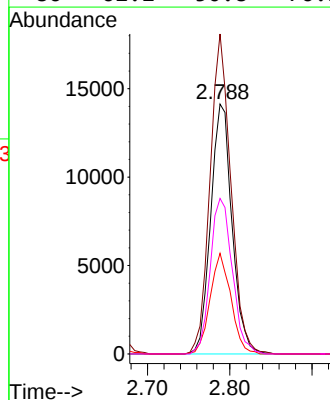
Manual Integrations
APPROVED

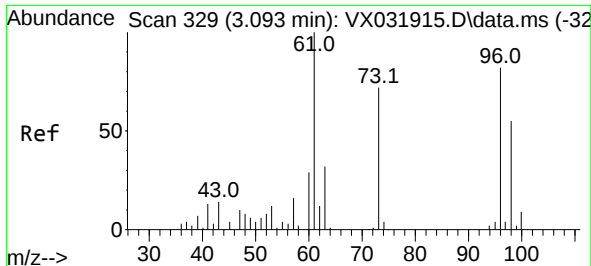
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Methylene Chloride
Concen: 18.685 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

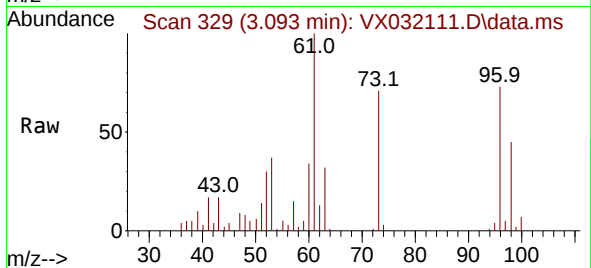
Tgt Ion: 84 Resp: 25488
Ion Ratio Lower Upper
84 100
49 128.0 105.9 158.9
51 40.2 32.2 48.2
86 62.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 17.962 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

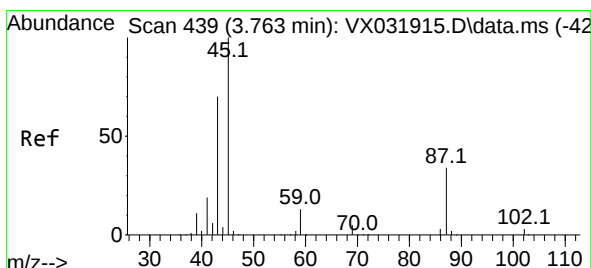
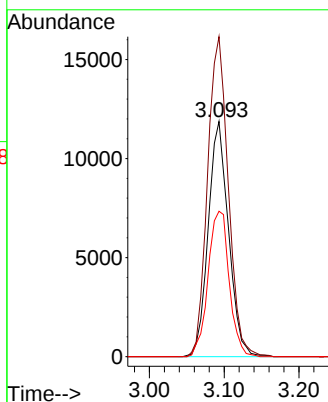
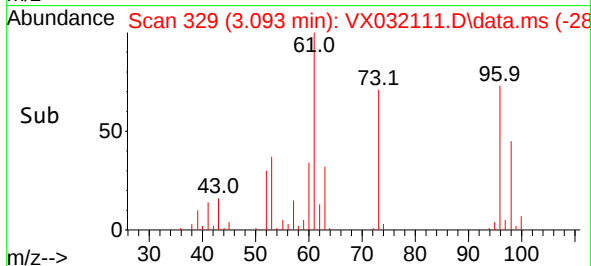
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



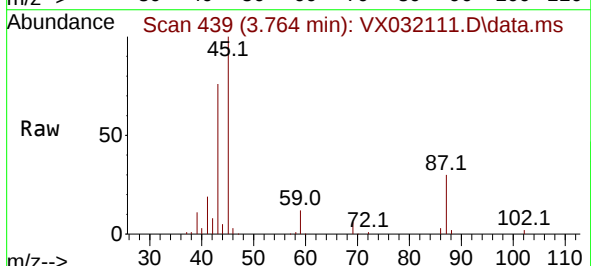
Tgt Ion: 96 Resp: 22408
Ion Ratio Lower Upper
96 100
61 136.1 106.7 160.1
98 61.8 48.7 73.1

Manual Integrations
APPROVED

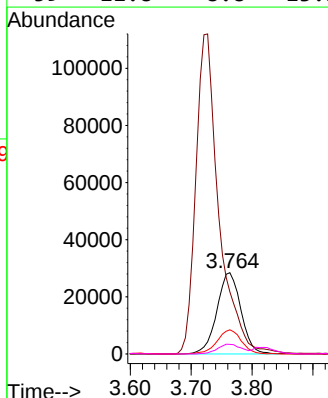
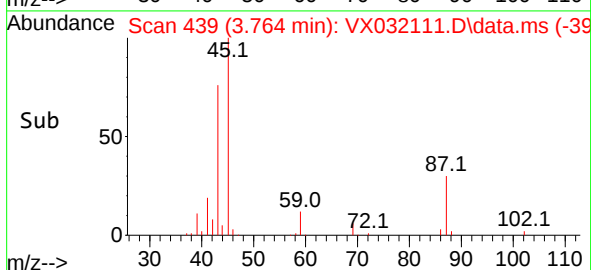
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

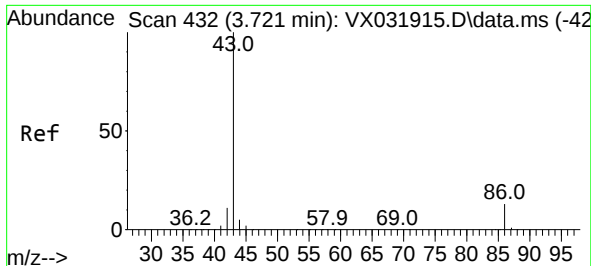


#22
Diisopropyl ether
Concen: 21.612 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion: 45 Resp: 77877
Ion Ratio Lower Upper
45 100
43 75.4 59.0 88.6
87 29.7 22.6 33.8
59 11.8 8.8 13.2





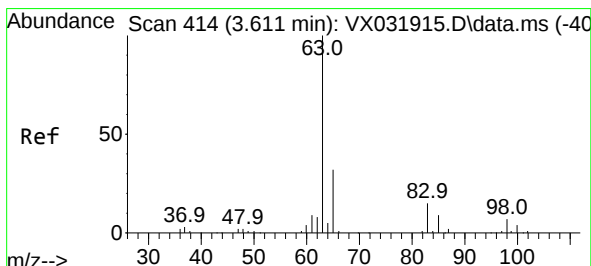
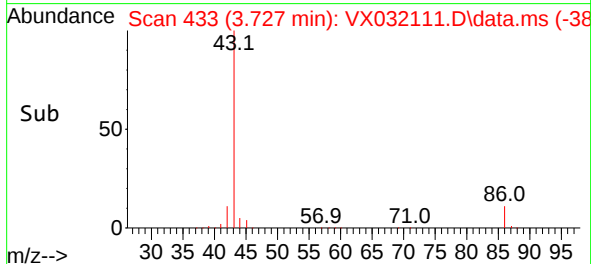
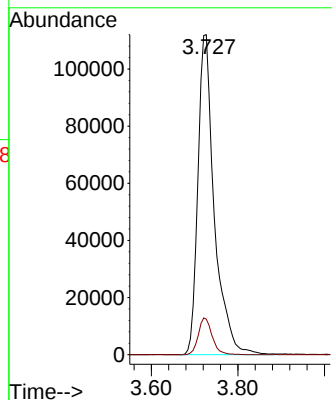
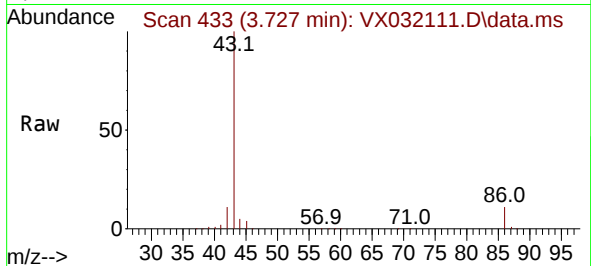
#23
 Vinyl Acetate
 Concen: 109.665 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Tgt Ion: 43 Resp: 29538
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1

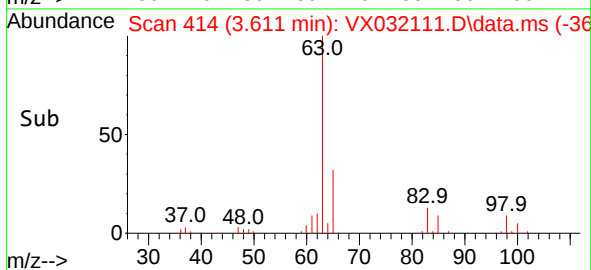
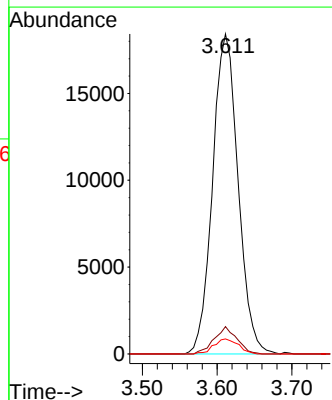
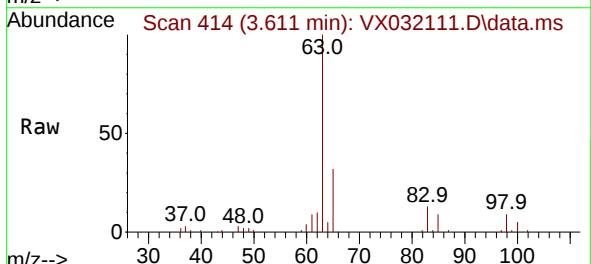
Manual Integrations
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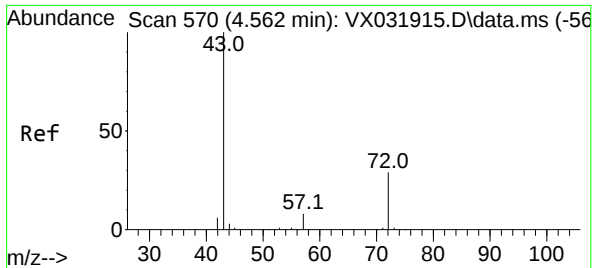
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#24
 1,1-Dichloroethane
 Concen: 20.200 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19

Tgt Ion: 63 Resp: 43633
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 4.7 2.4 7.2





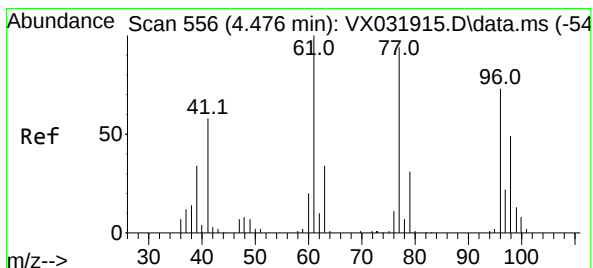
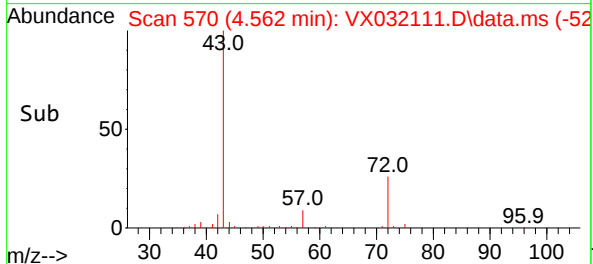
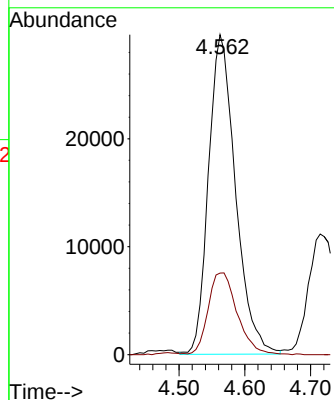
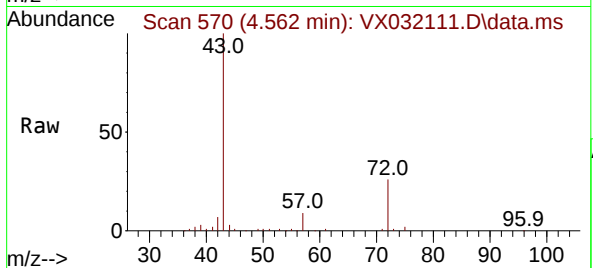
#25
2-Butanone
Concen: 104.200 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 43 Resp: 84554
Ion Ratio Lower Upper
43 100
72 25.5 21.1 31.7

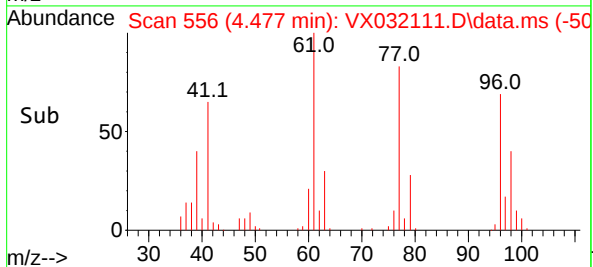
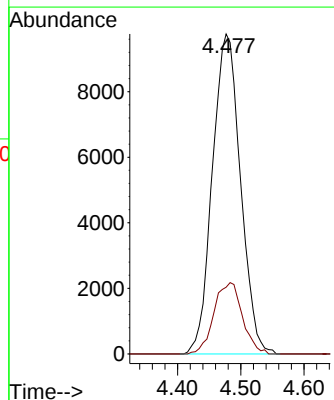
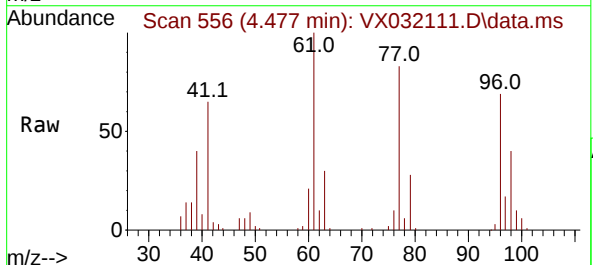
Manual Integrations
APPROVED

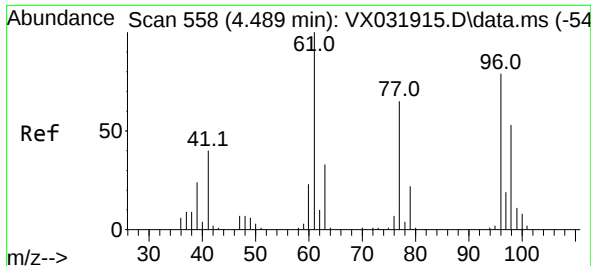
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
2,2-Dichloropropane
Concen: 19.371 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

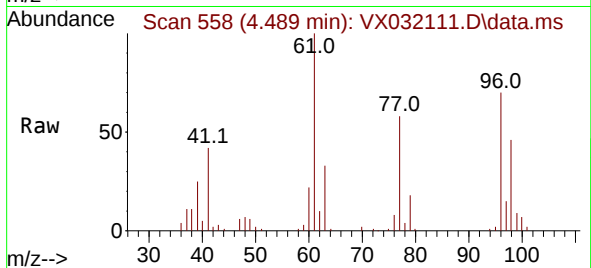
Tgt Ion: 77 Resp: 30054
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.819 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19

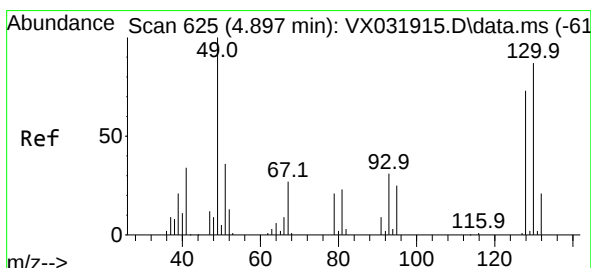
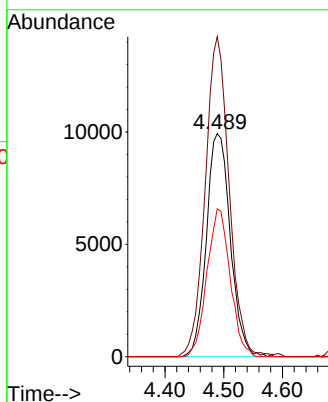
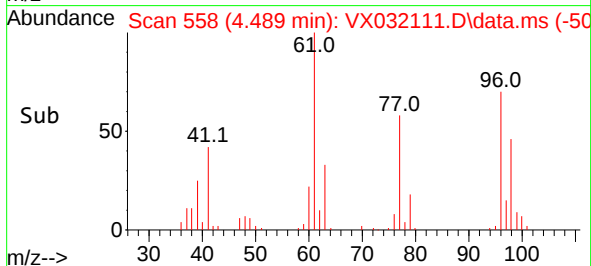
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01



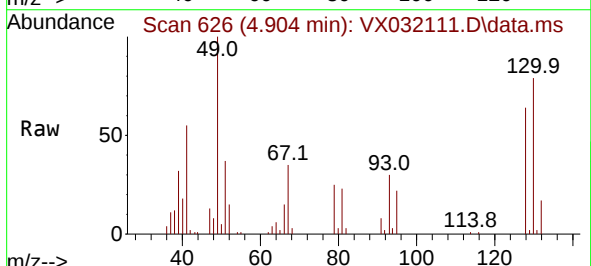
Tgt Ion: 96 Resp: 28092
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 305.2
 98 64.1 0.0 128.4

Manual Integrations
 APPROVED

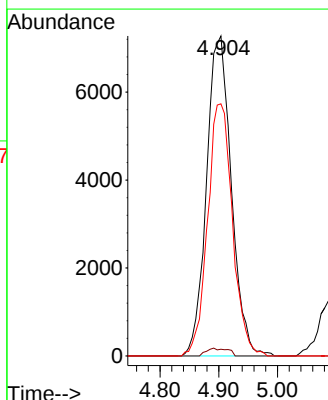
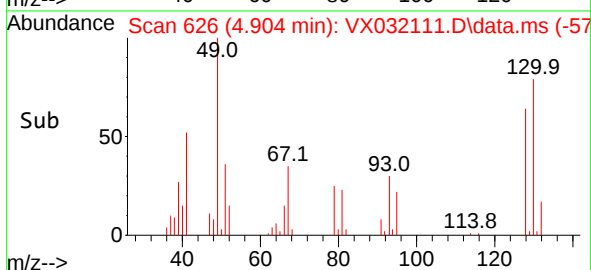
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

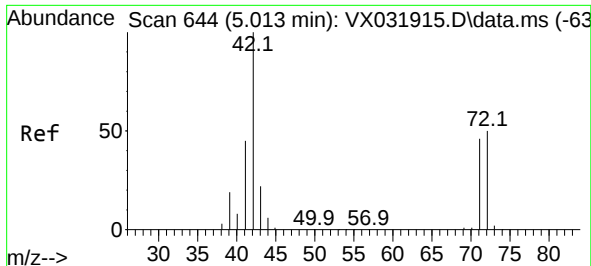


#28
 Bromochloromethane
 Concen: 23.114 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.007 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19



Tgt Ion: 49 Resp: 21370
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 79.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 101.827 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

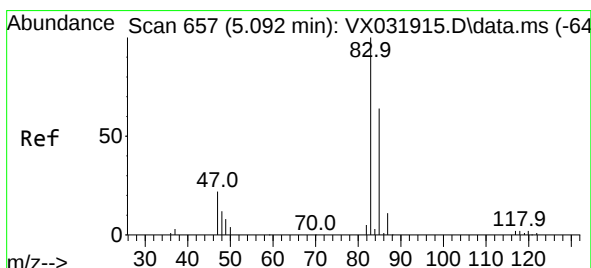
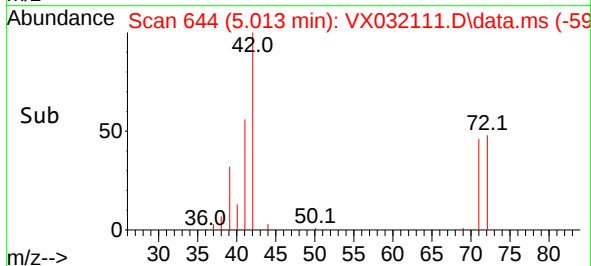
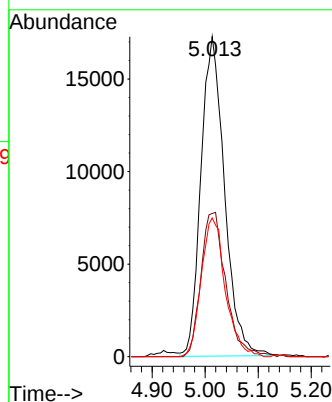
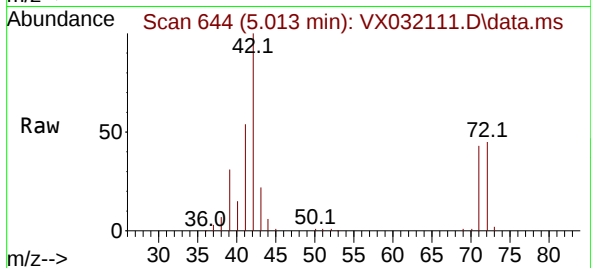
Tgt Ion:	42	Resp:	53314
Ion Ratio	Lower	Upper	
42	100		
72	47.8	36.4	54.6
71	44.3	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

Chloroform

Concen: 20.701 ug/l

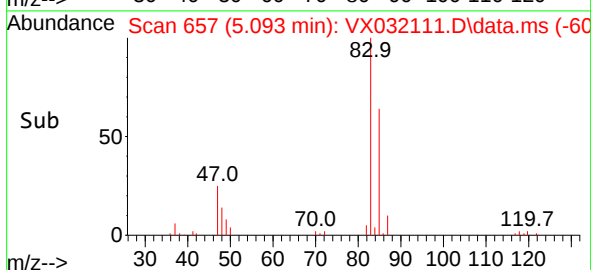
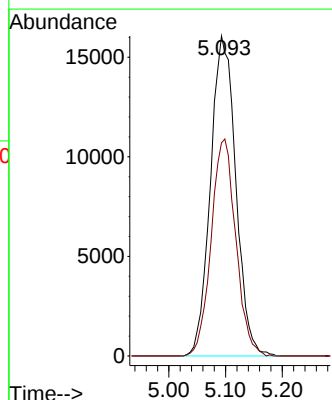
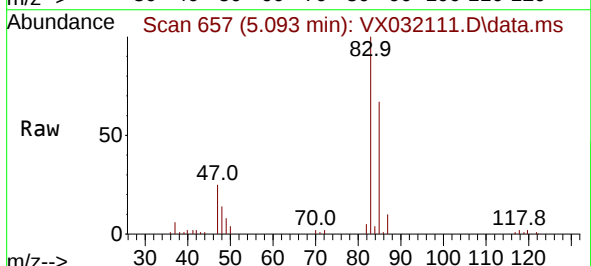
RT: 5.093 min Scan# 657

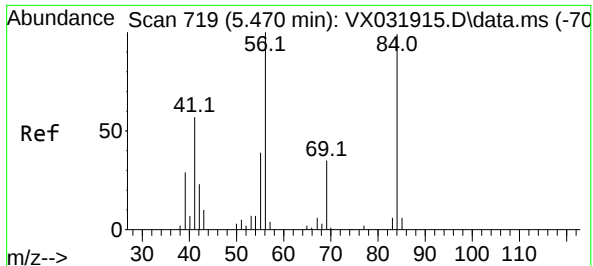
Delta R.T. 0.001 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

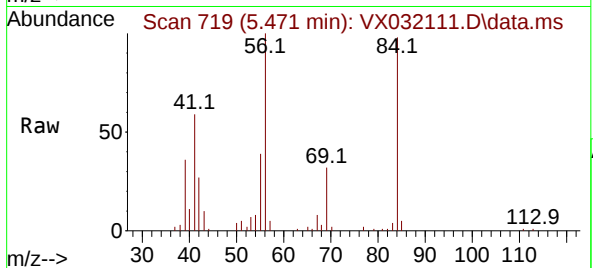
Tgt Ion:	83	Resp:	49807
Ion Ratio	Lower	Upper	
83	100		
85	66.6	52.8	79.2





#31
Cyclohexane
Concen: 18.961 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

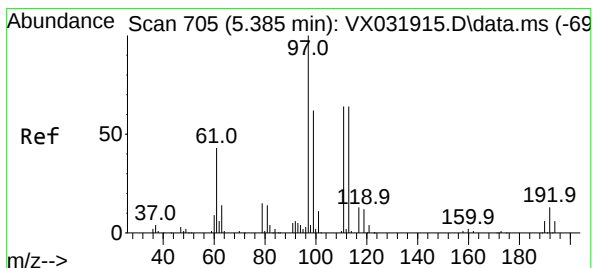
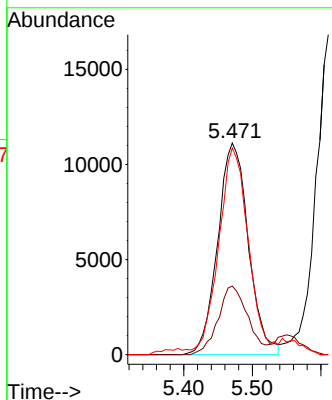
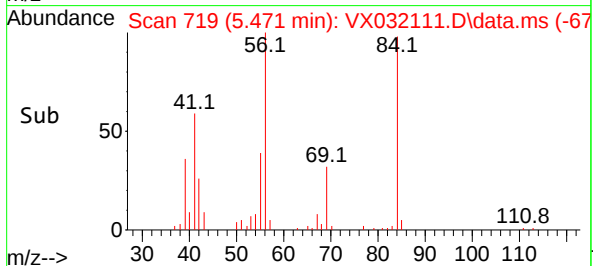
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



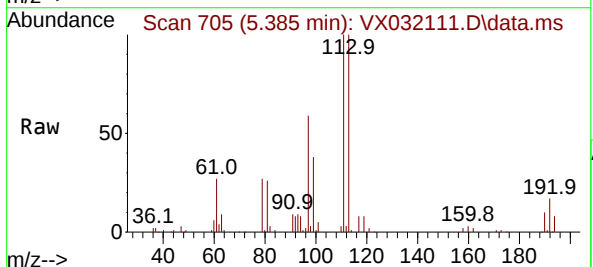
Tgt Ion: 56 Resp: 3459
Ion Ratio Lower Upper
56 100
69 32.5 25.1 37.7
84 94.6 70.2 105.4

Manual Integrations
APPROVED

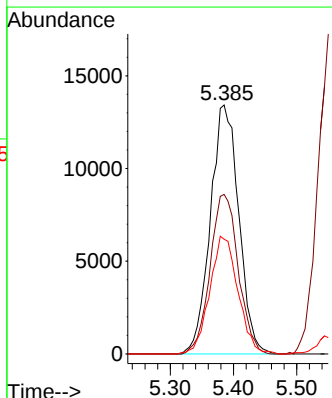
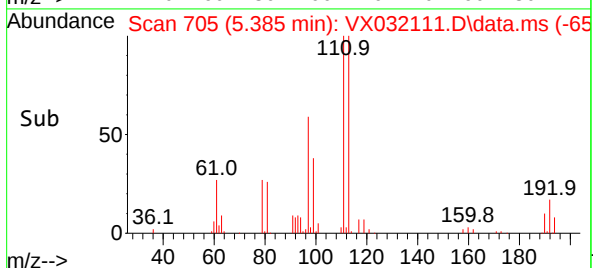
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

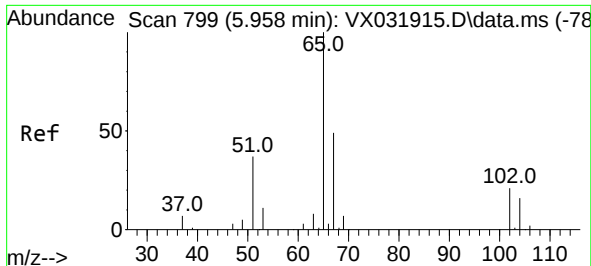


#32
1,1,1-Trichloroethane
Concen: 20.442 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion: 97 Resp: 41795
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 47.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 57.274 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 65 Resp: 87478

Ion Ratio Lower Upper

65 100

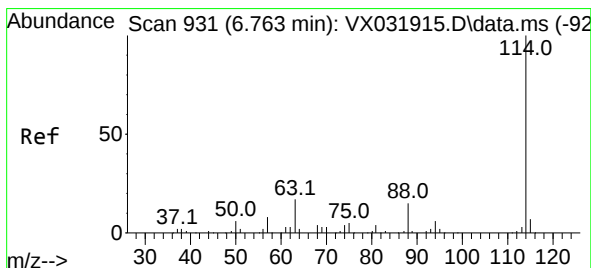
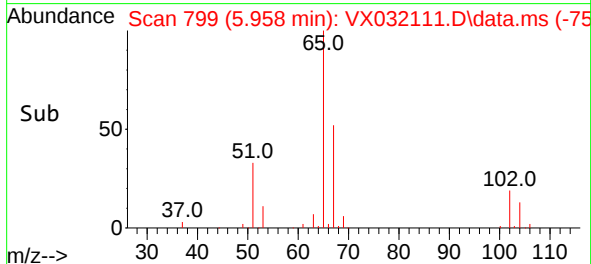
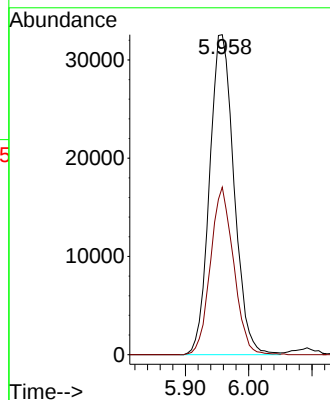
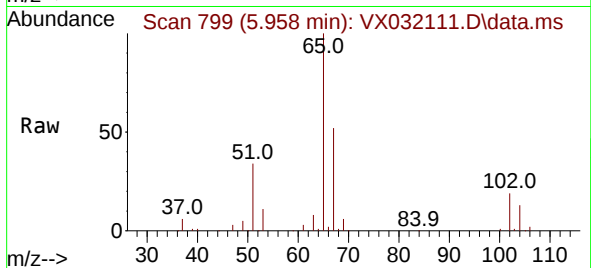
67 49.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

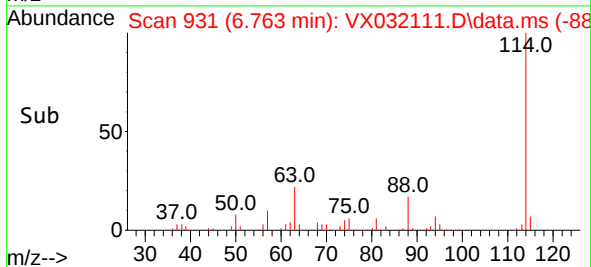
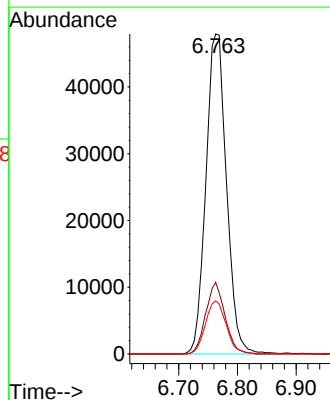
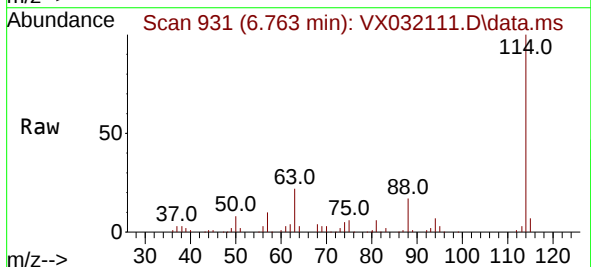
Tgt Ion:114 Resp: 116582

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.6

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.309 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

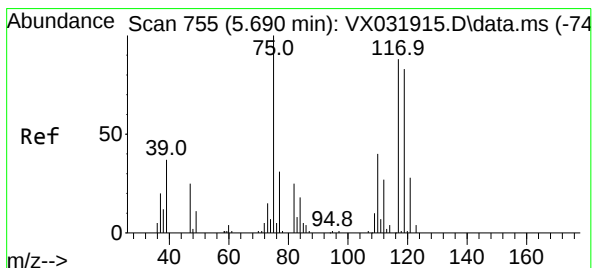
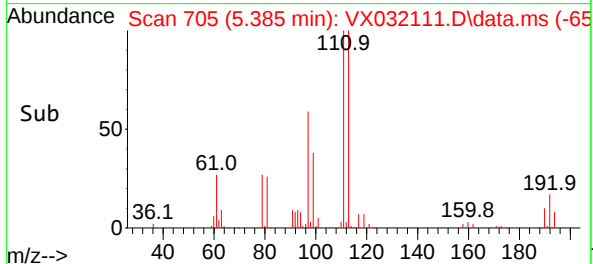
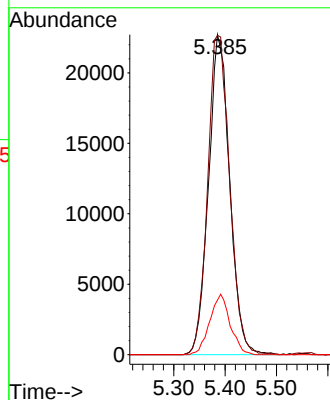
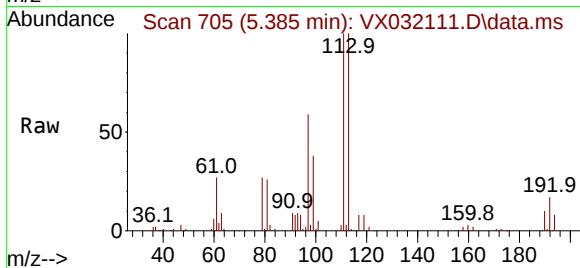
Tgt Ion:	113	Resp:	65070
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	18.2	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#36

1,1-Dichloropropene

Concen: 19.261 ug/l

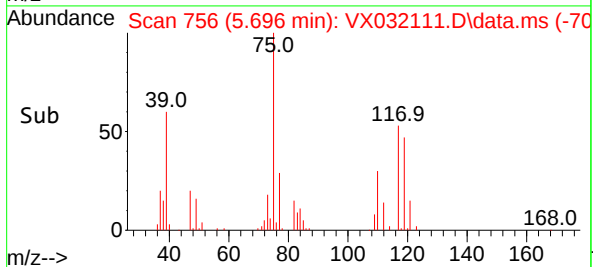
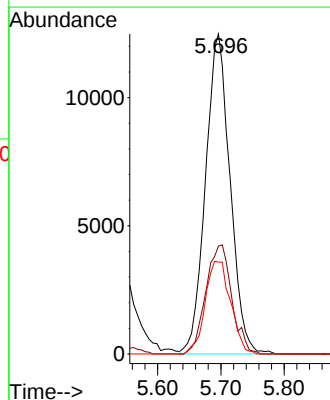
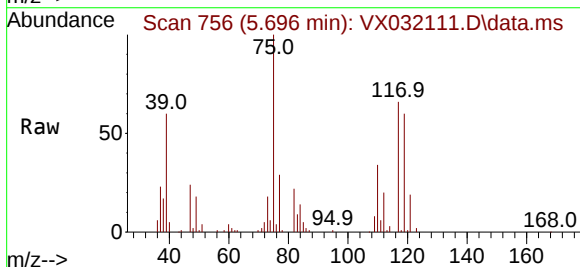
RT: 5.696 min Scan# 756

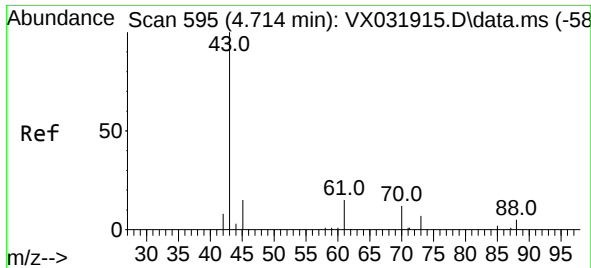
Delta R.T. 0.006 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion:	75	Resp:	33705
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.5	52.5
77	30.0	24.9	37.3





#37

Ethyl Acetate

Concen: 20.751 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 43 Resp: 3418

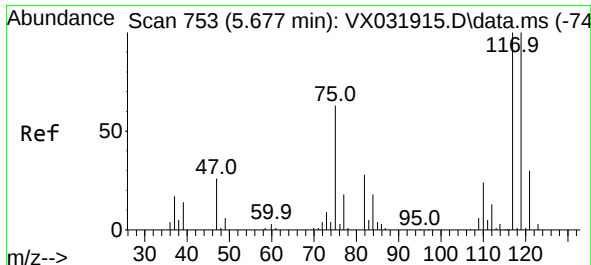
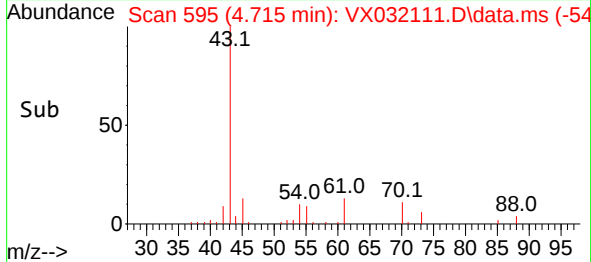
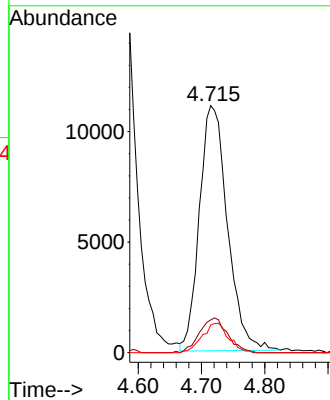
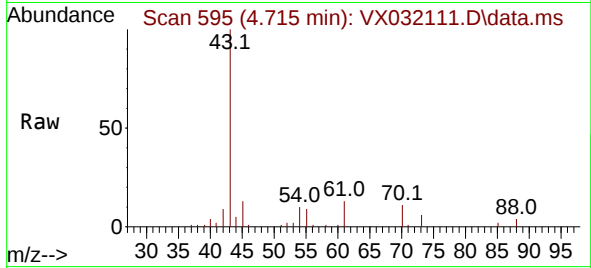
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Carbon Tetrachloride

Concen: 19.836 ug/l

RT: 5.678 min Scan# 753

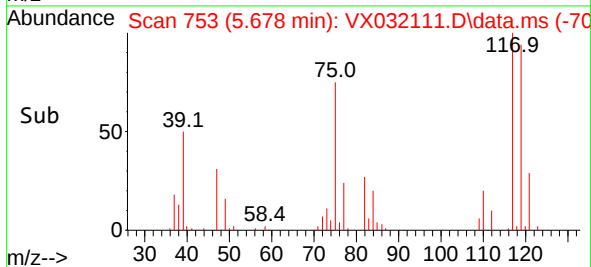
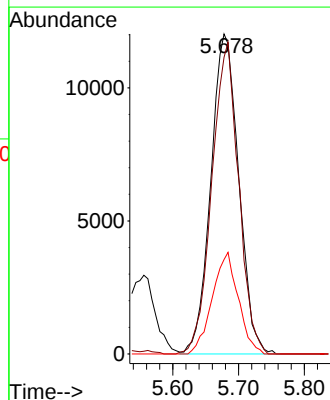
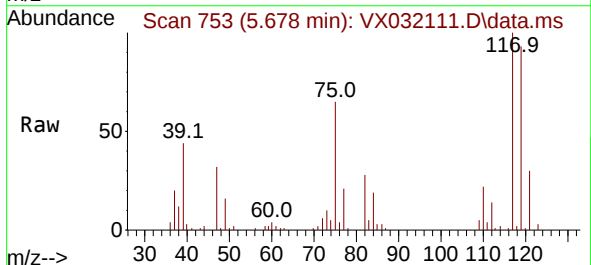
Delta R.T. 0.001 min

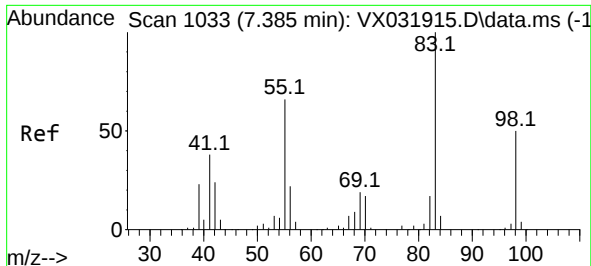
Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion:117 Resp: 35492

Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.6	112.0
121	29.5	25.3	37.9





#39

Methylcyclohexane

Concen: 17.754 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 83 Resp: 3705

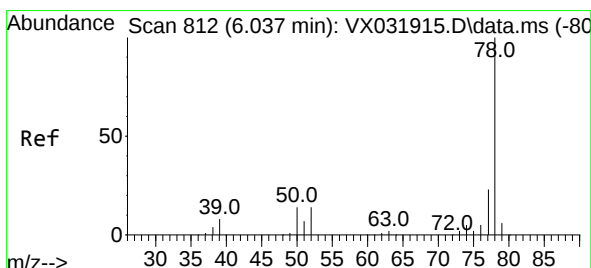
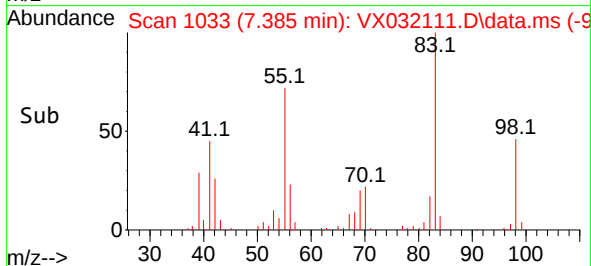
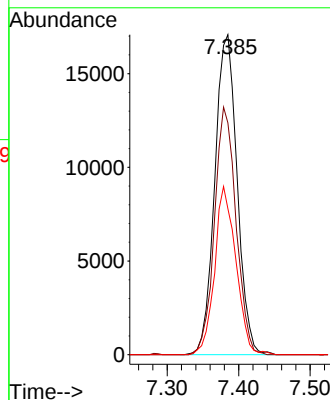
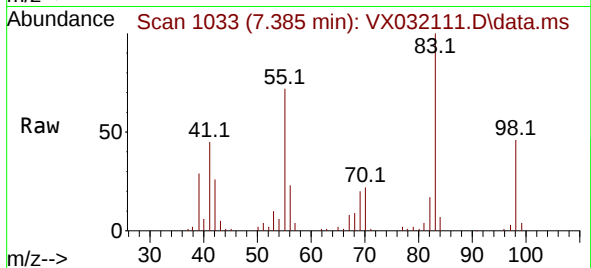
Ion	Ratio	Lower	Upper
83	100		
55	72.5	61.0	91.4
98	45.7	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Benzene

Concen: 19.169 ug/l

RT: 6.044 min Scan# 813

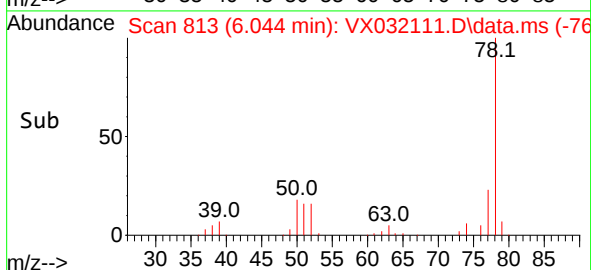
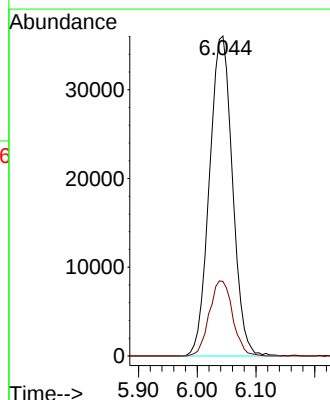
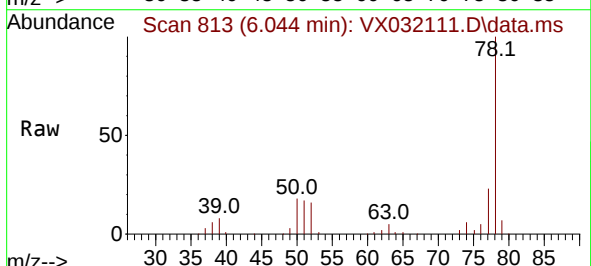
Delta R.T. 0.007 min

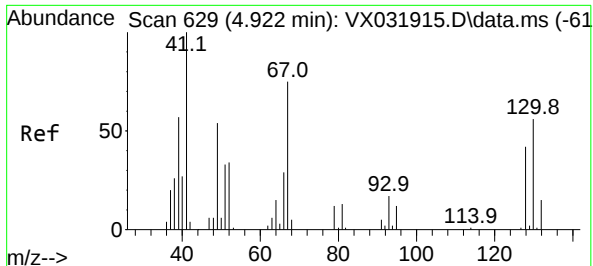
Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion: 78 Resp: 98226

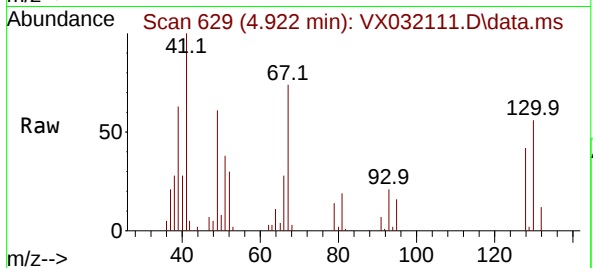
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





#41
Methacrylonitrile
Concen: 22.658 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

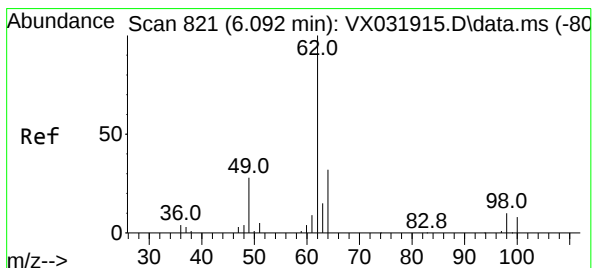
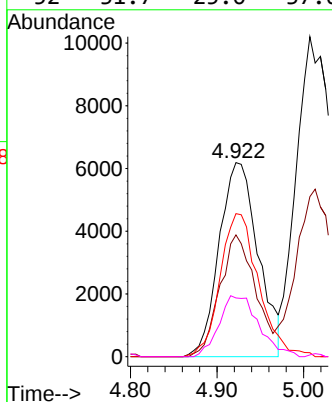
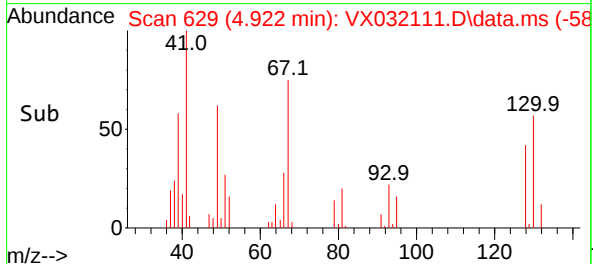
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion: 41 Resp: 1941
Ion Ratio Lower Upper
41 100
39 57.0 45.0 67.6
67 72.5 58.2 87.4
52 31.7 25.0 37.6

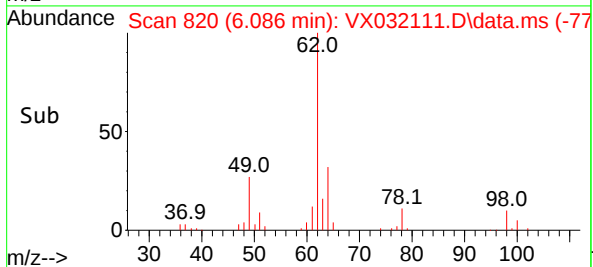
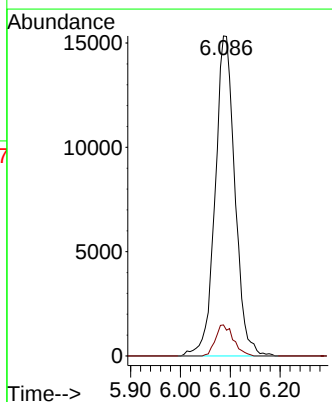
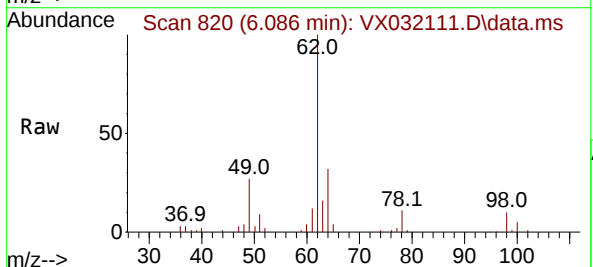
Manual Integrations
APPROVED

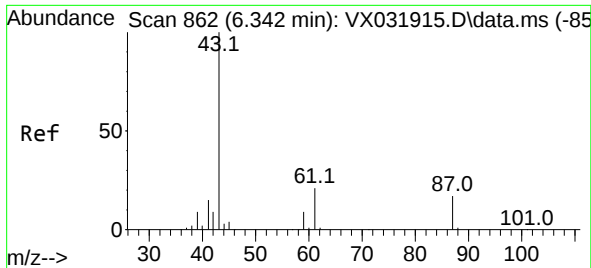
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
1,2-Dichloroethane
Concen: 22.651 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

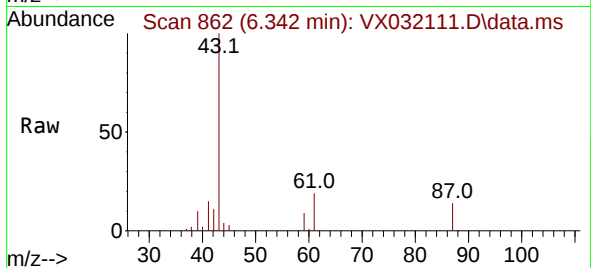
Tgt Ion: 62 Resp: 42295
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 21.487 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

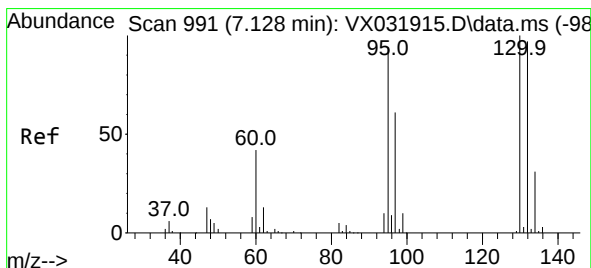
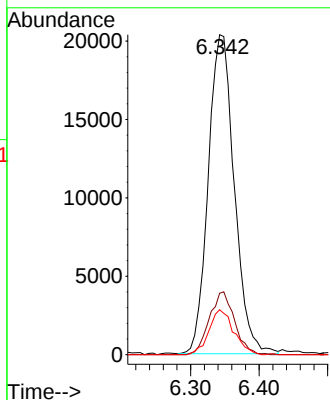
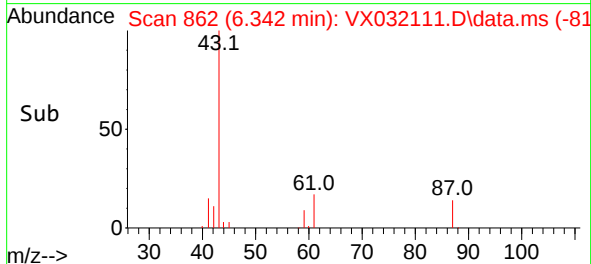
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion: 43 Resp: 53708
Ion Ratio Lower Upper
43 100
61 19.0 15.3 22.9
87 13.5 10.6 15.8

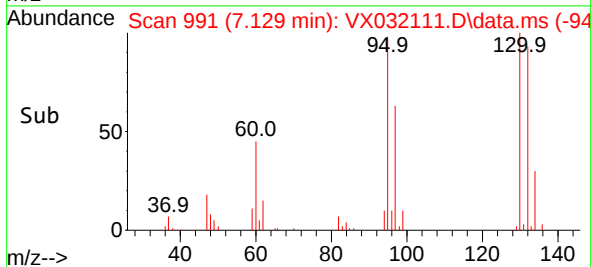
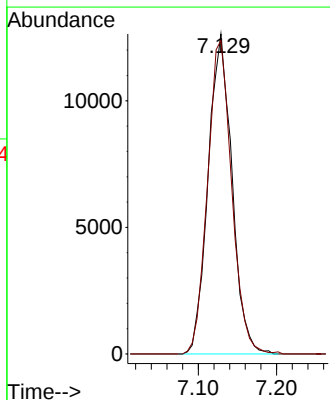
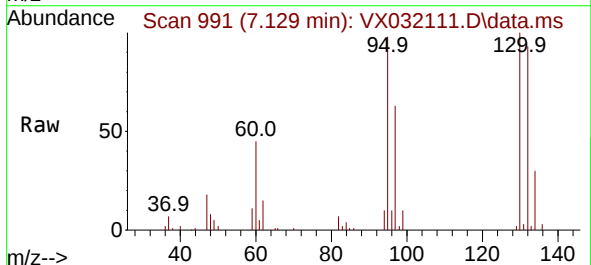
Manual Integrations
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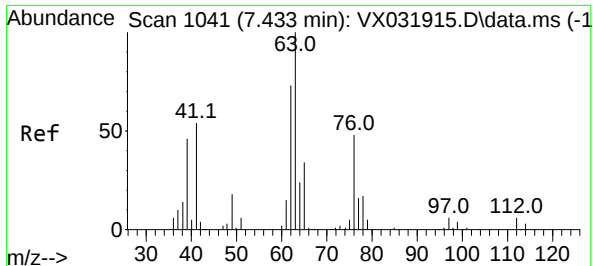
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Trichloroethene
Concen: 17.783 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion:130 Resp: 26718
Ion Ratio Lower Upper
130 100
95 98.0 0.0 206.8





#45

1,2-Dichloropropane

Concen: 19.671 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 63 Resp: 2477

Ion Ratio Lower Upper

63 100

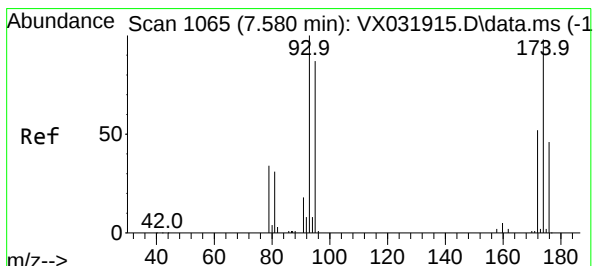
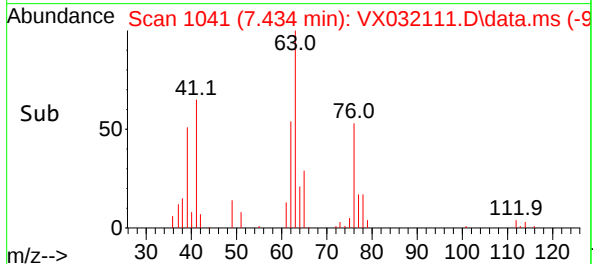
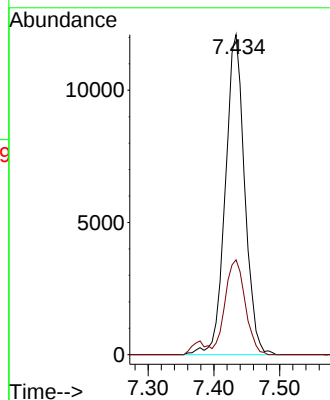
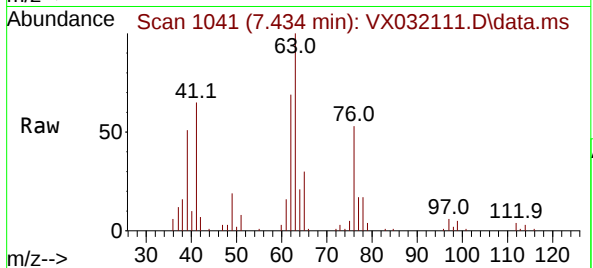
65 29.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Dibromomethane

Concen: 19.635 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

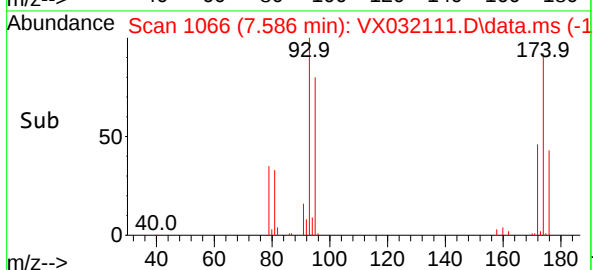
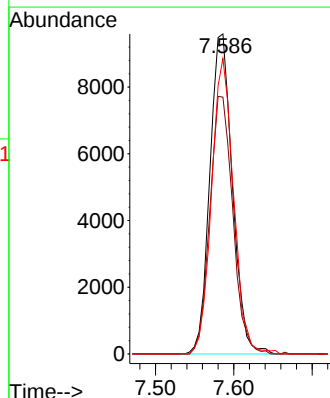
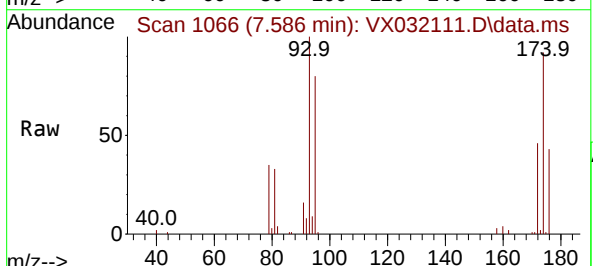
Tgt Ion: 93 Resp: 19162

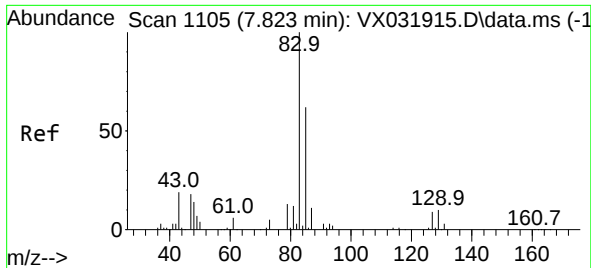
Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

174 90.1 67.6 101.4





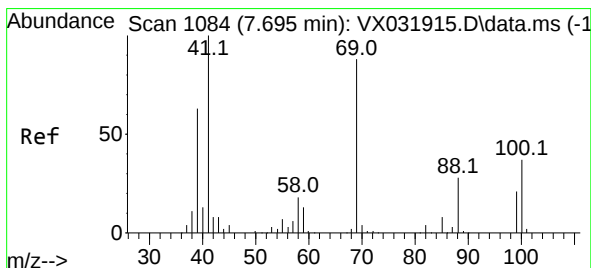
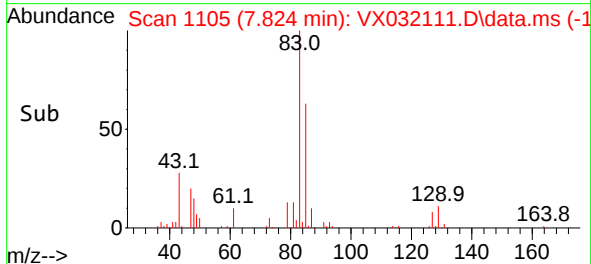
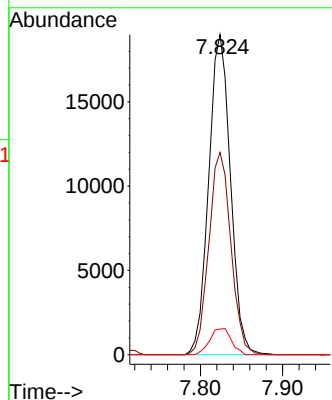
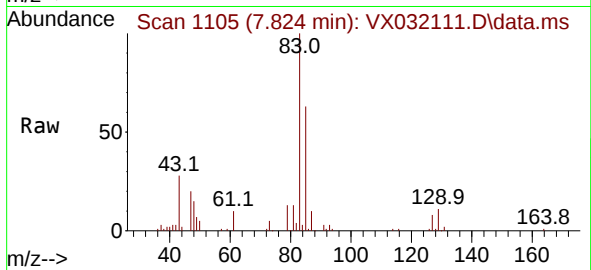
#47
Bromodichloromethane
Concen: 20.679 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 83 Resp: 3486
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 8.0 7.0 10.6

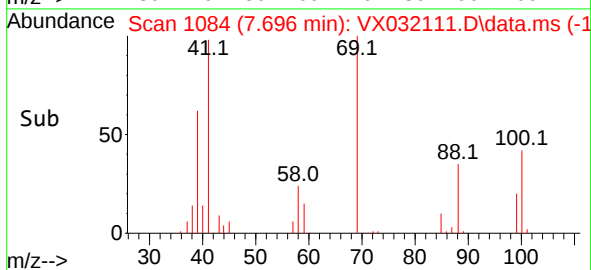
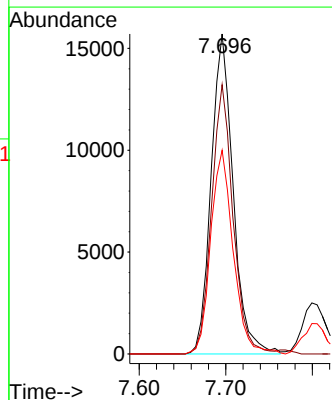
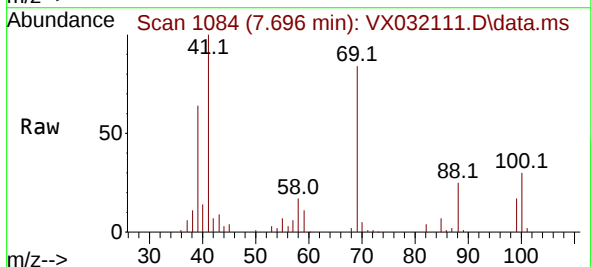
Manual Integrations
APPROVED

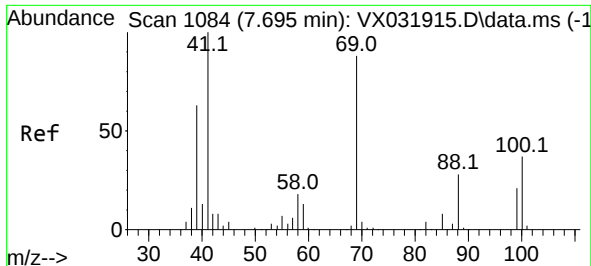
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
Methyl methacrylate
Concen: 23.229 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 41 Resp: 27745
Ion Ratio Lower Upper
41 100
69 82.1 64.6 96.8
39 65.2 51.4 77.0





#49

1,4-Dioxane

Concen: 360.582 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.011 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

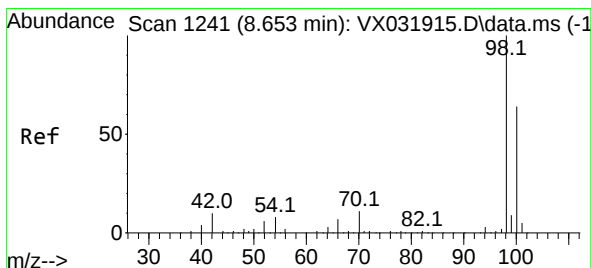
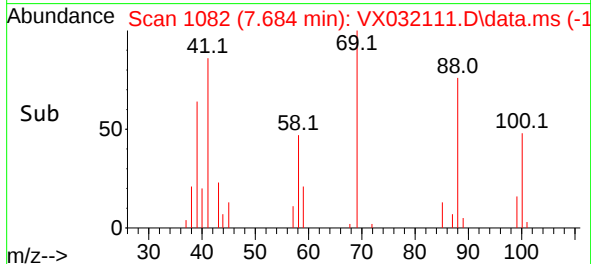
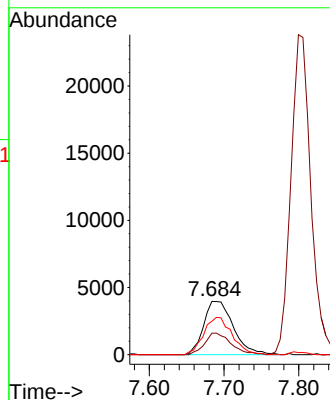
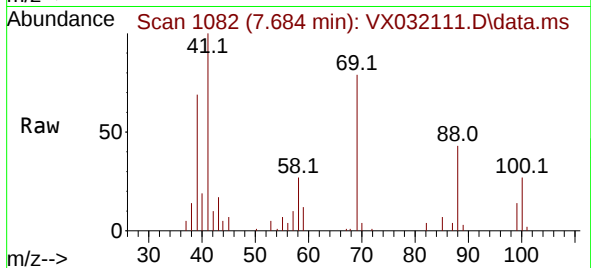
Tgt Ion: 88 Resp: 1093
 Ion Ratio Lower Upper
 88 100
 43 36.0 27.1 40.7
 58 66.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#50

Toluene-d8

Concen: 49.077 ug/l

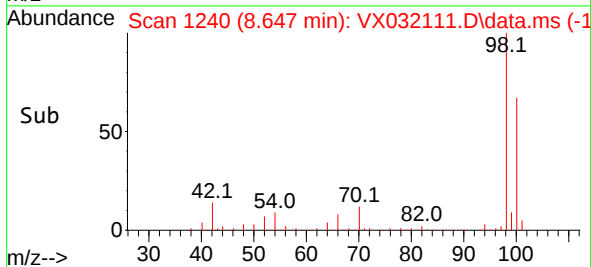
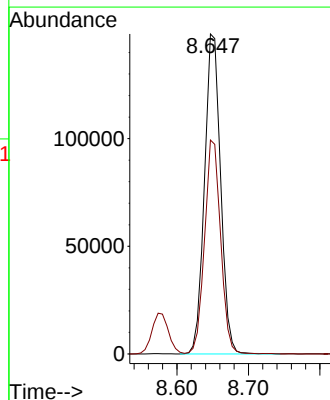
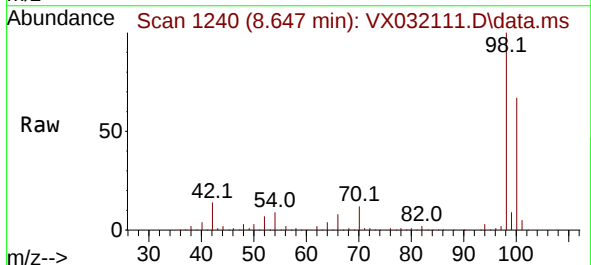
RT: 8.647 min Scan# 1240

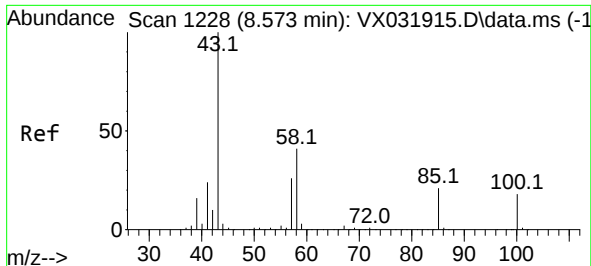
Delta R.T. -0.006 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion: 98 Resp: 233044
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.5 78.7





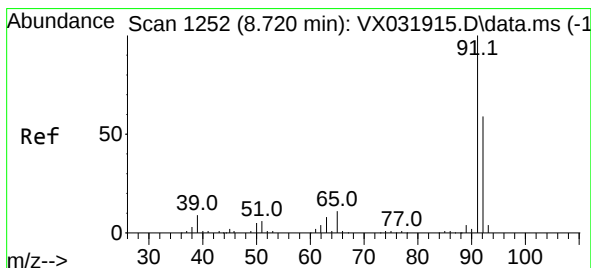
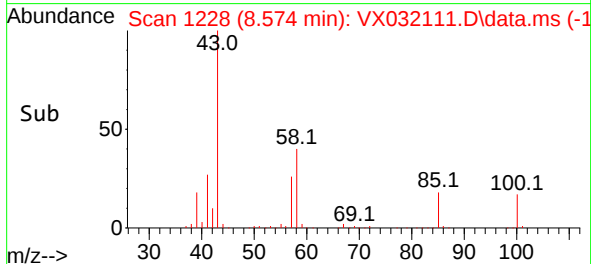
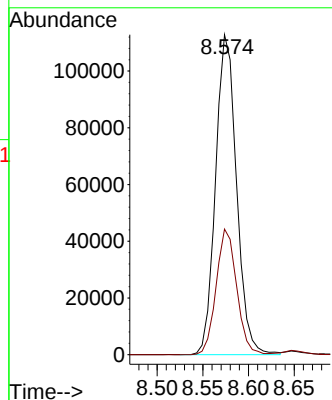
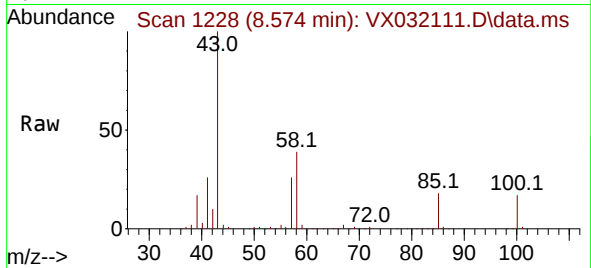
#51
4-Methyl-2-Pentanone
Concen: 108.705 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 43 Resp: 18006
Ion Ratio Lower Upper
43 100
58 38.4 30.6 46.0

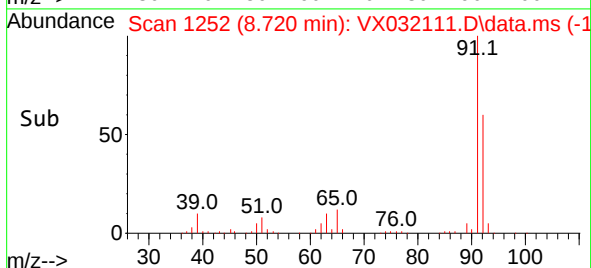
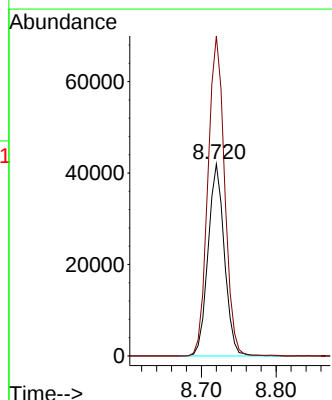
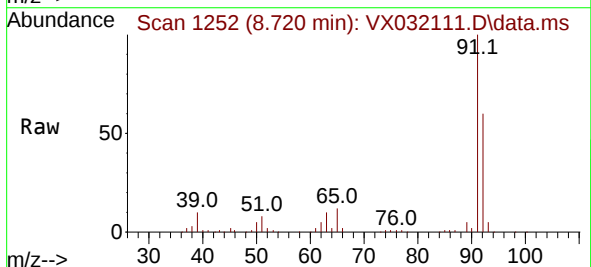
Manual Integrations
APPROVED

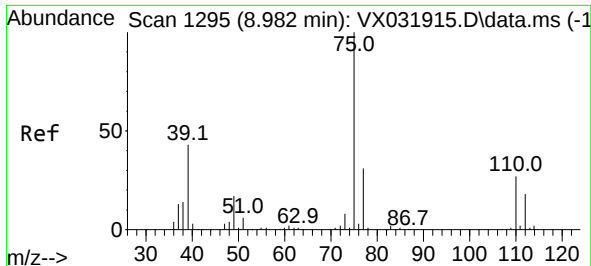
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
Toluene
Concen: 18.969 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 92 Resp: 63551
Ion Ratio Lower Upper
92 100
91 170.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.538 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 75 Resp: 32230

Ion Ratio Lower Upper

75 100

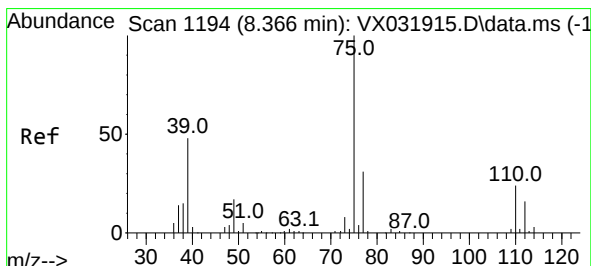
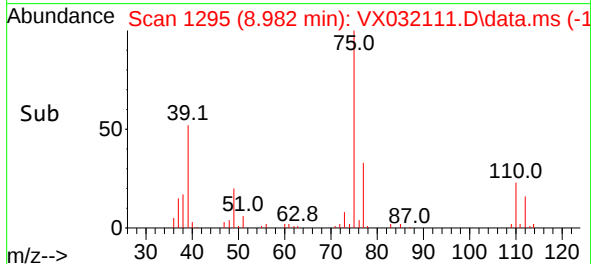
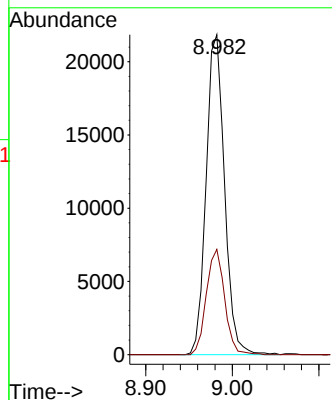
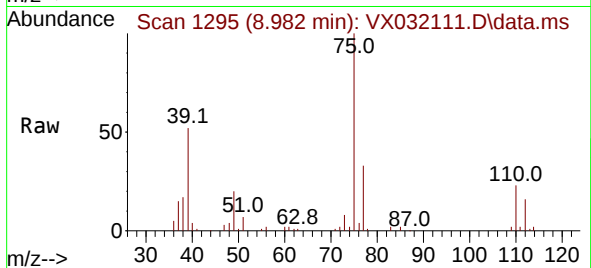
77 32.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#54

cis-1,3-Dichloropropene

Concen: 19.693 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

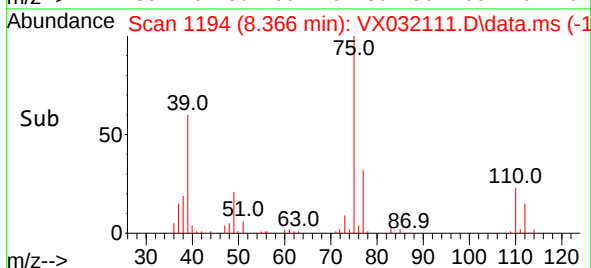
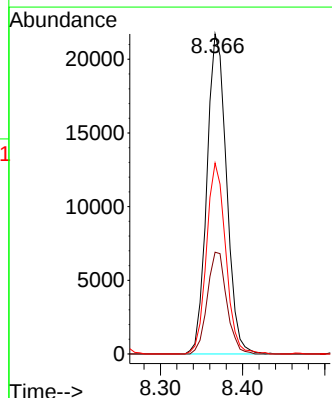
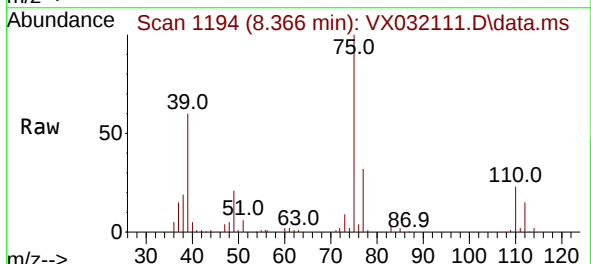
Tgt Ion: 75 Resp: 35956

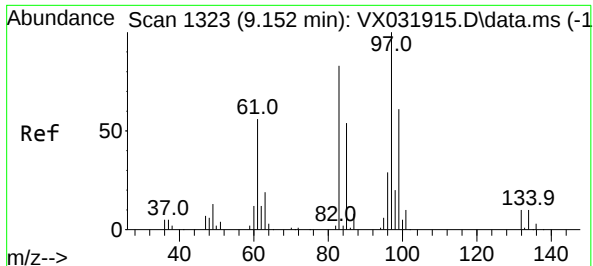
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

39 59.7 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 19.511 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 97 Resp: 27589

Ion Ratio Lower Upper

97 100

83 81.0 69.0 103.6

85 52.5 44.1 66.1

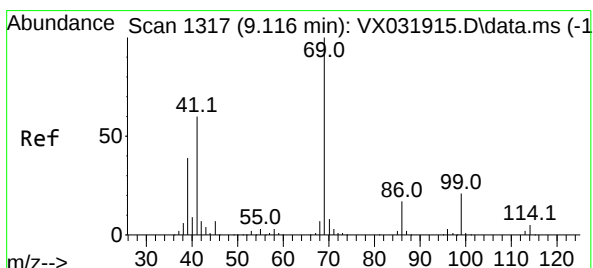
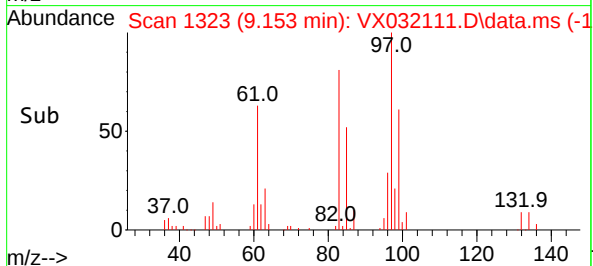
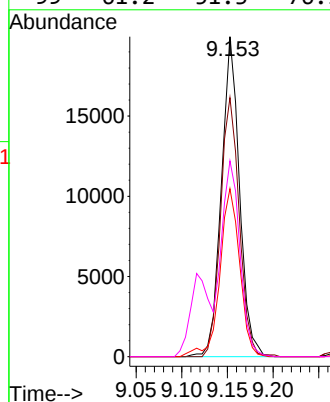
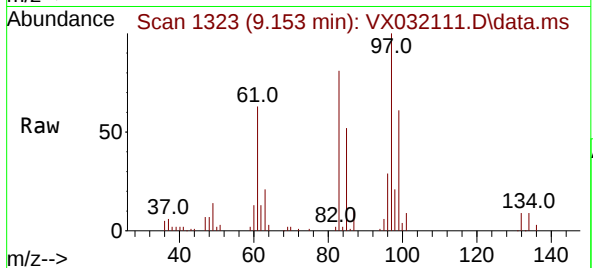
99 61.2 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#56

Ethyl methacrylate

Concen: 20.908 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

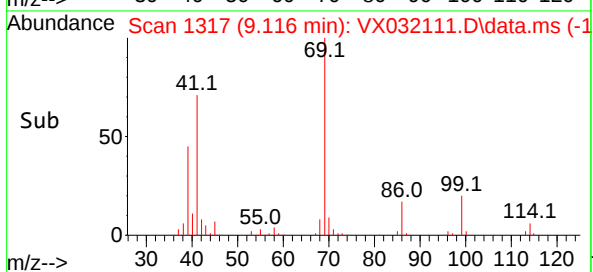
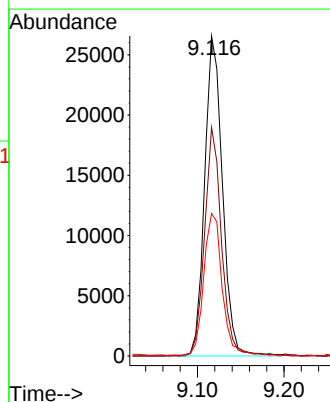
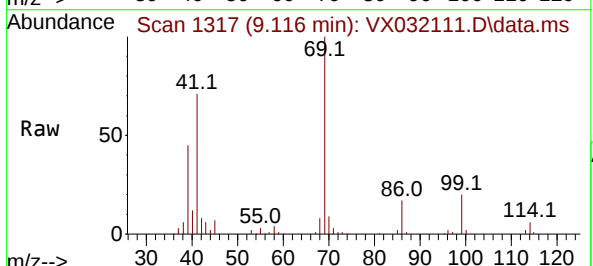
Tgt Ion: 69 Resp: 37897

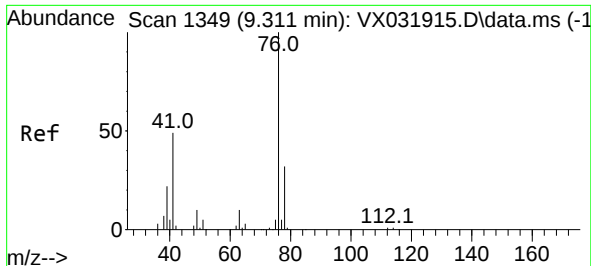
Ion Ratio Lower Upper

69 100

41 68.1 54.2 81.4

39 46.7 34.2 51.2





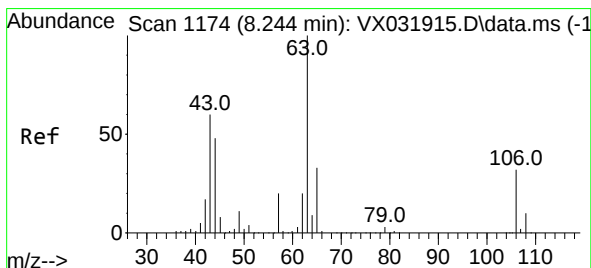
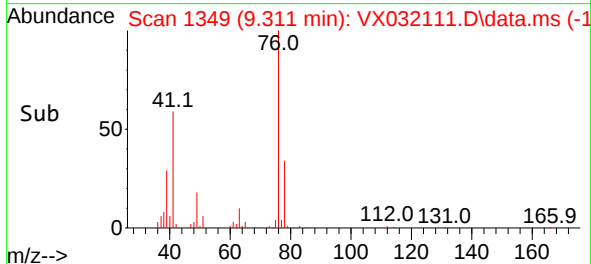
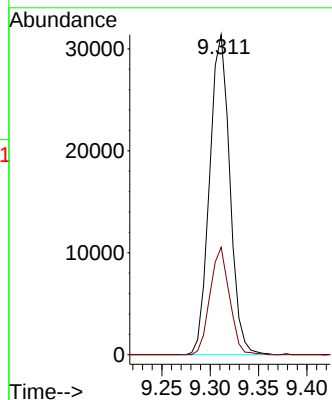
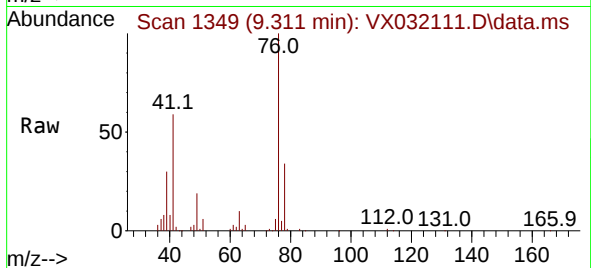
#57
1,3-Dichloropropane
Concen: 20.172 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 76 Resp: 4583
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

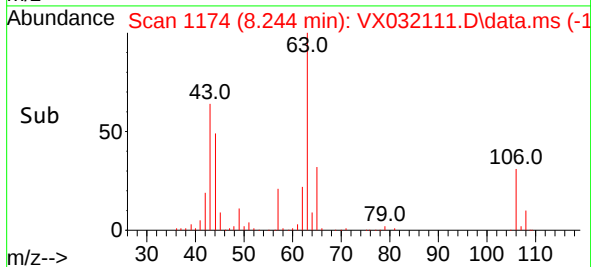
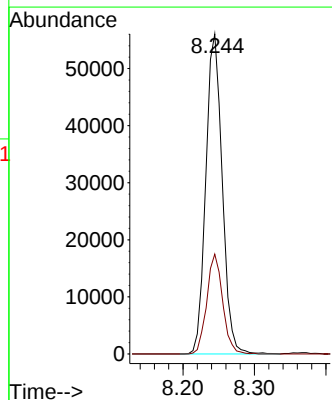
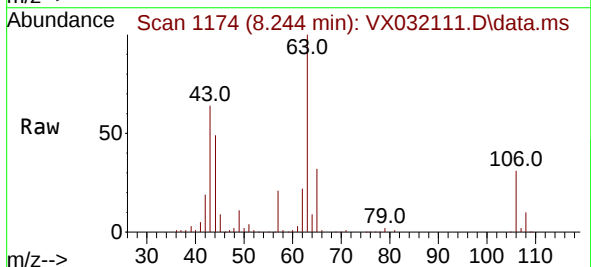
Manual Integrations
APPROVED

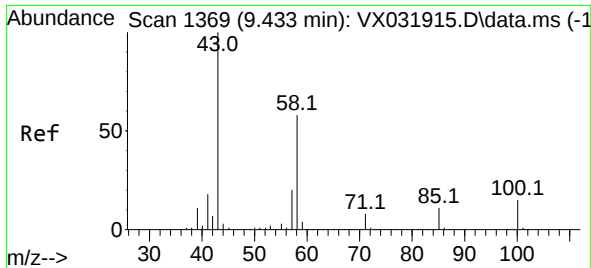
Reviewed By :John Carbone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
2-Chloroethyl Vinyl ether
Concen: 95.408 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 63 Resp: 89269
Ion Ratio Lower Upper
63 100
106 30.2 22.6 34.0





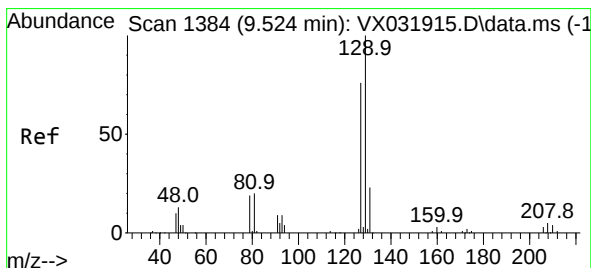
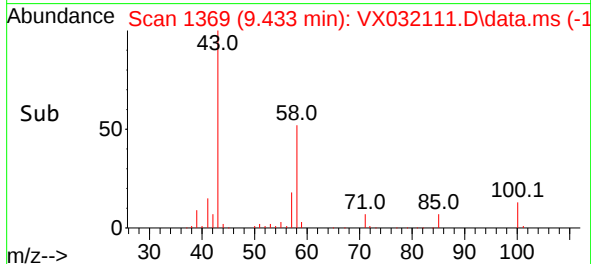
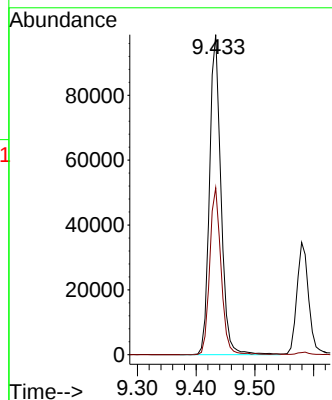
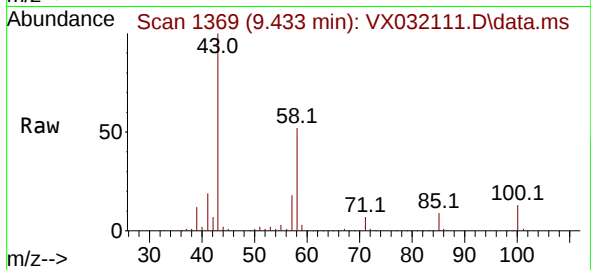
#59
2-Hexanone
Concen: 109.434 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 43 Resp: 133658
Ion Ratio Lower Upper
43 100
58 51.8 26.7 80.0

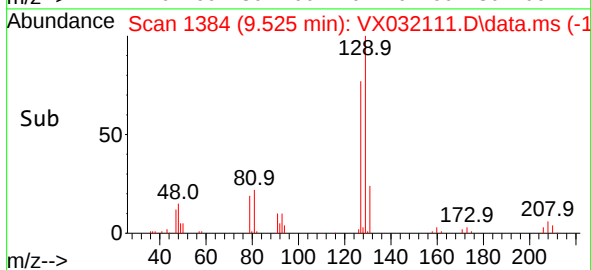
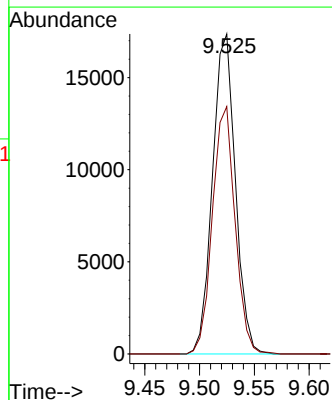
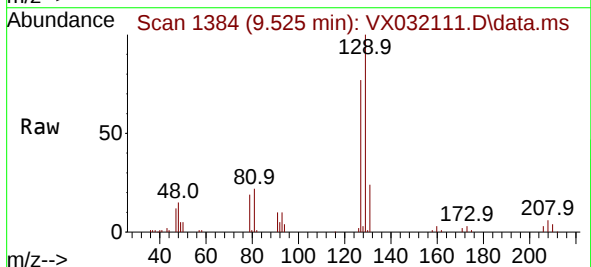
Manual Integrations
APPROVED

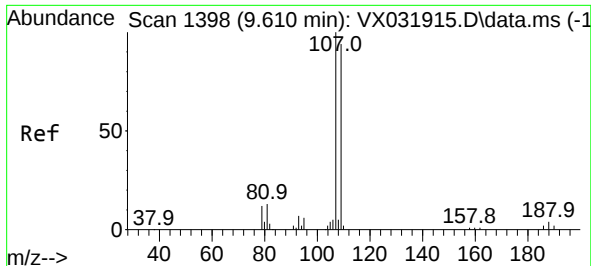
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
Dibromochloromethane
Concen: 19.431 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion:129 Resp: 25145
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





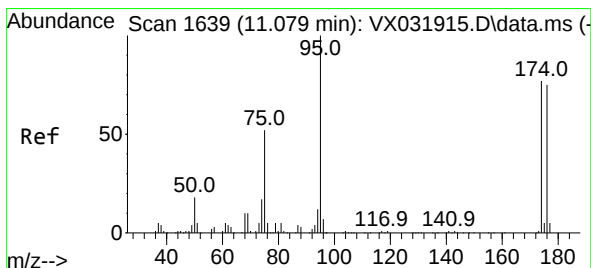
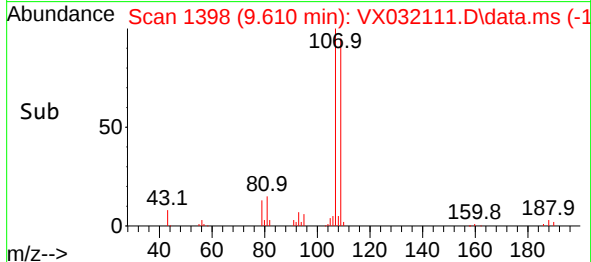
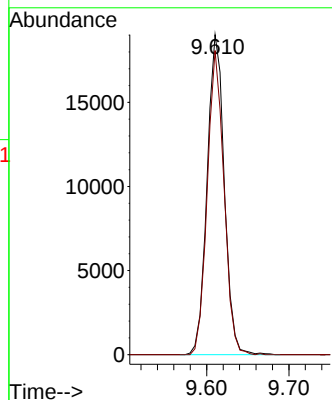
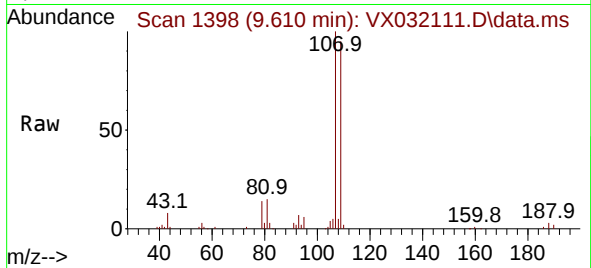
#61
1,2-Dibromoethane
Concen: 19.405 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:107 Resp: 2759
Ion Ratio Lower Upper
107 100
109 92.2 74.2 111.4

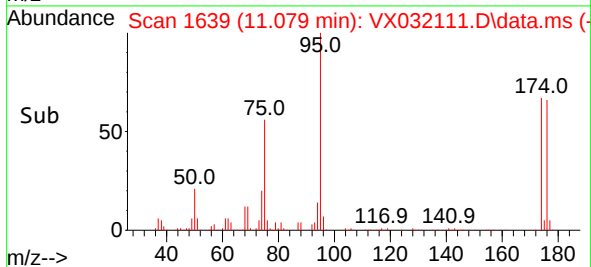
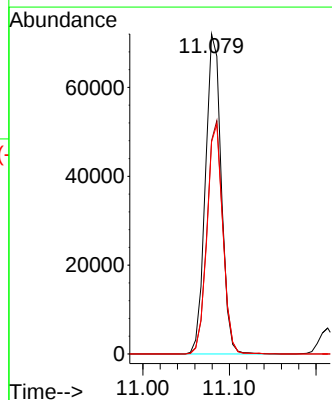
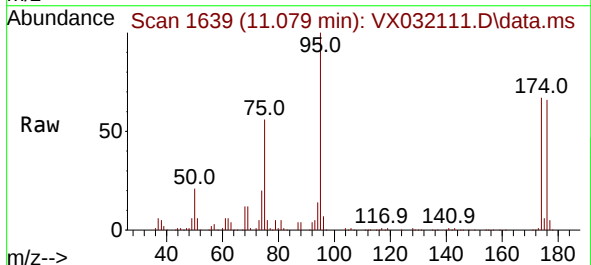
Manual Integrations
APPROVED

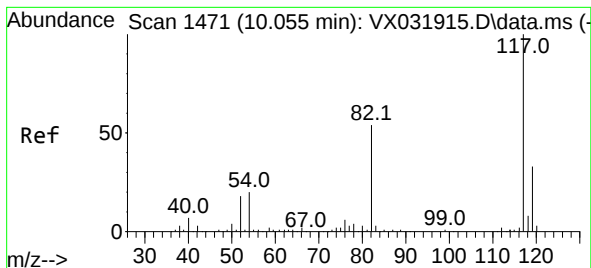
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
4-Bromofluorobenzene
Concen: 54.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

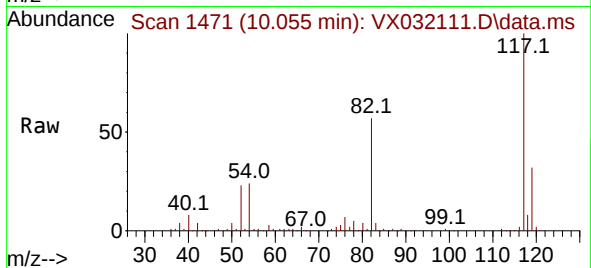
Tgt Ion: 95 Resp: 91288
Ion Ratio Lower Upper
95 100
174 72.8 0.0 153.2
176 71.5 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

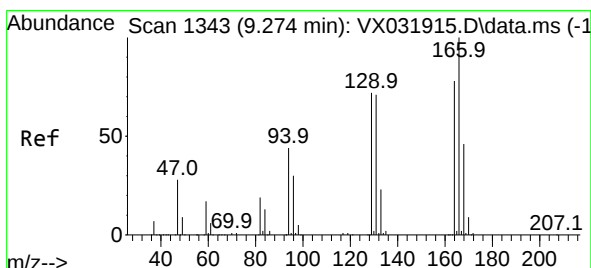
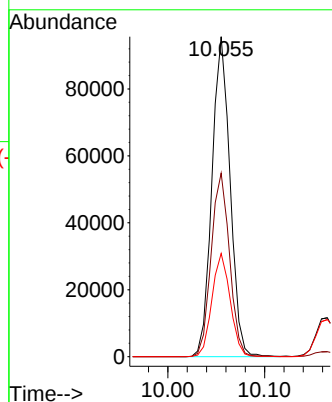
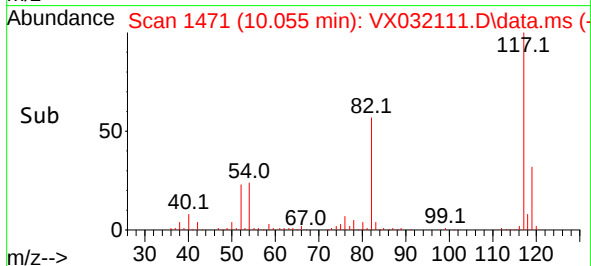
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion:117 Resp: 124299
Ion Ratio Lower Upper
117 100
82 57.3 46.8 70.2
119 32.3 26.4 39.6

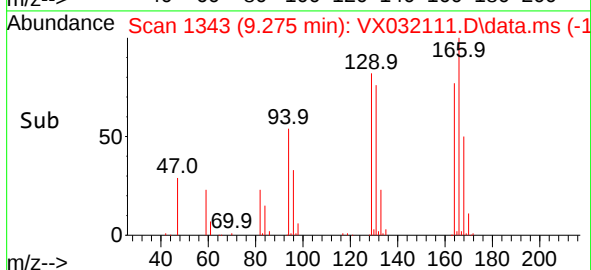
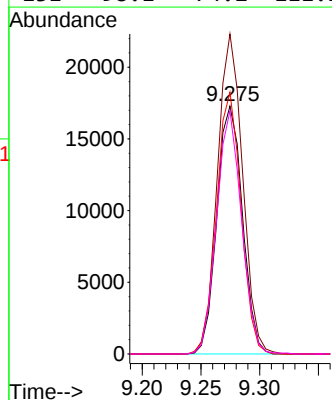
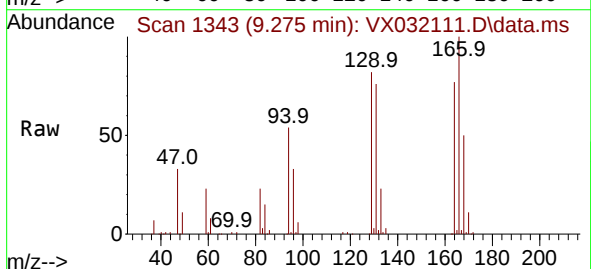
Manual Integrations
APPROVED

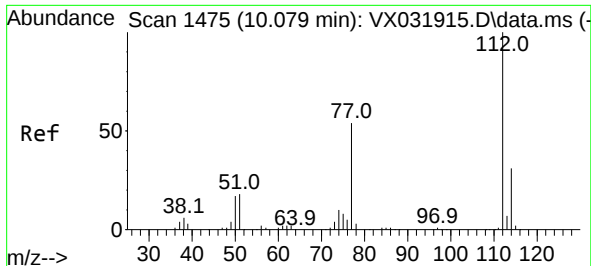
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Tetrachloroethene
Concen: 18.627 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion:164 Resp: 26139
Ion Ratio Lower Upper
164 100
166 129.1 99.0 148.4
129 105.6 78.0 117.0
131 98.1 74.2 111.2





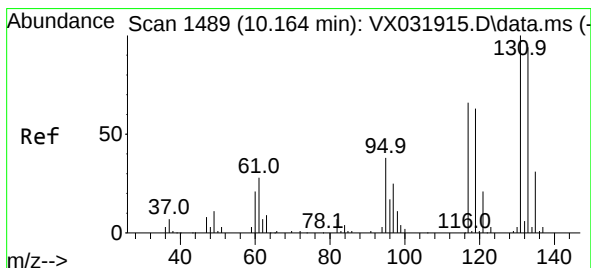
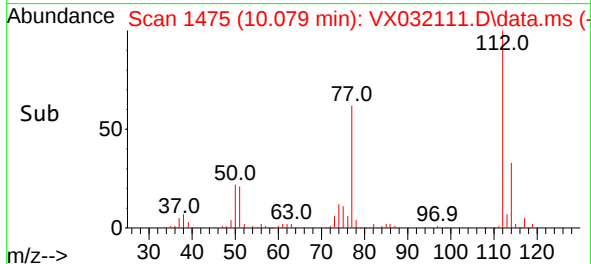
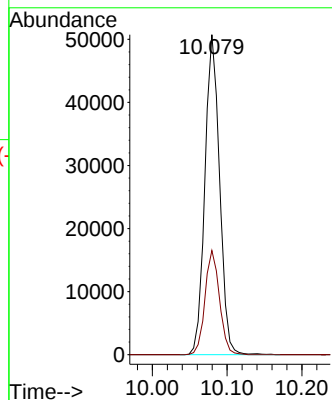
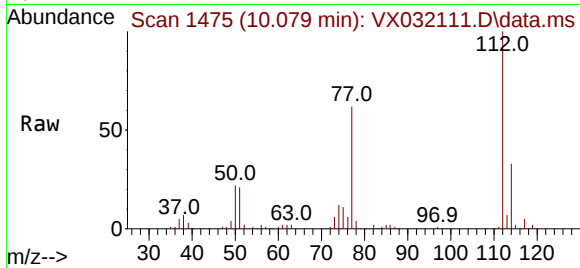
#65
Chlorobenzene
Concen: 18.383 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:112 Resp: 6923
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

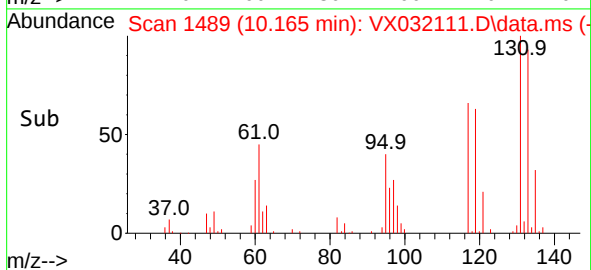
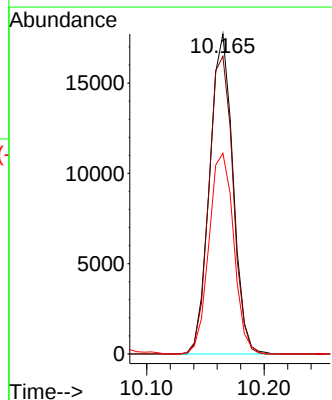
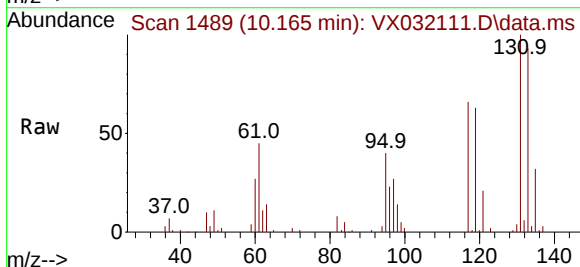
Manual Integrations
APPROVED

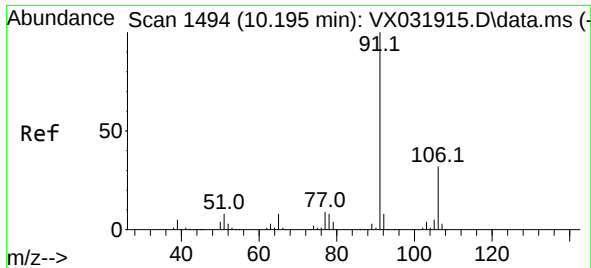
Reviewed By :John Carbone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.755 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

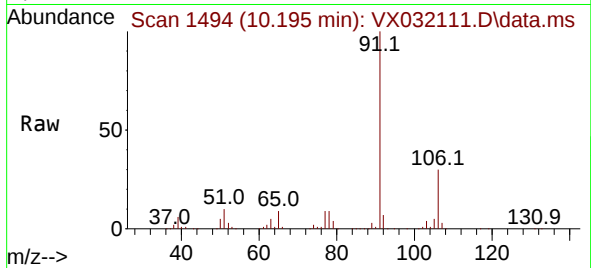
Tgt Ion:131 Resp: 24442
Ion Ratio Lower Upper
131 100
133 96.2 46.6 139.7
119 66.5 31.9 95.9





#67
Ethyl Benzene
Concen: 19.524 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

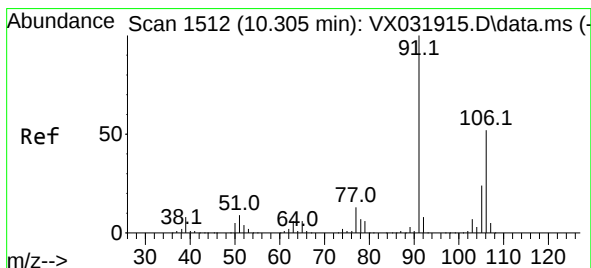
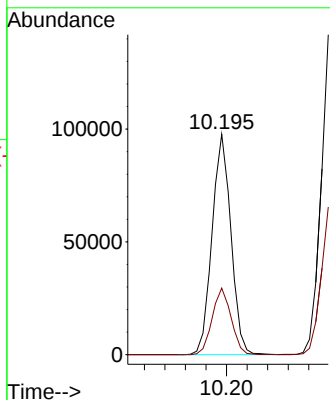
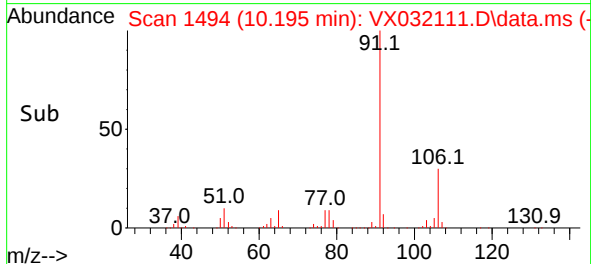
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



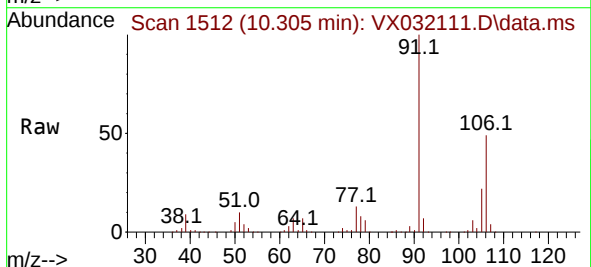
Tgt Ion: 91 Resp: 124395
Ion Ratio Lower Upper
91 100
106 30.2 25.2 37.8

Manual Integrations
APPROVED

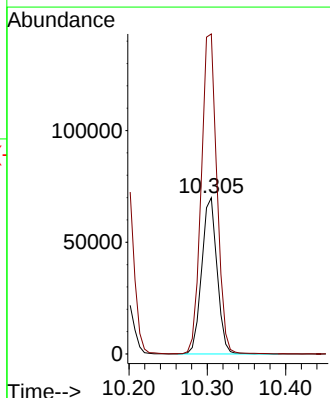
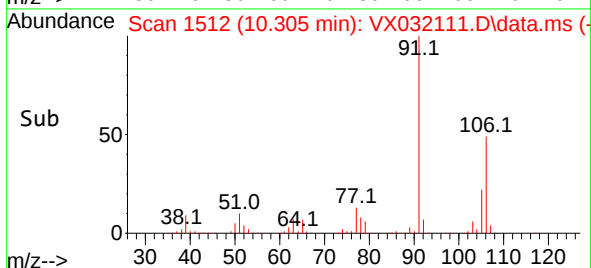
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

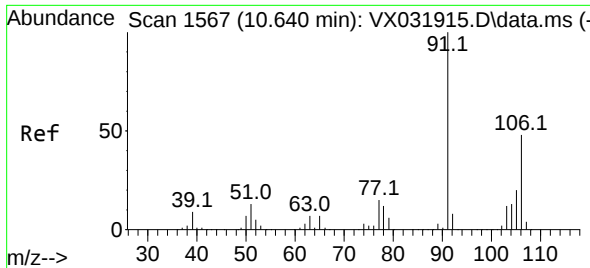


#68
m/p-Xylenes
Concen: 37.530 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion:106 Resp: 95024
Ion Ratio Lower Upper
106 100
91 208.7 161.0 241.4





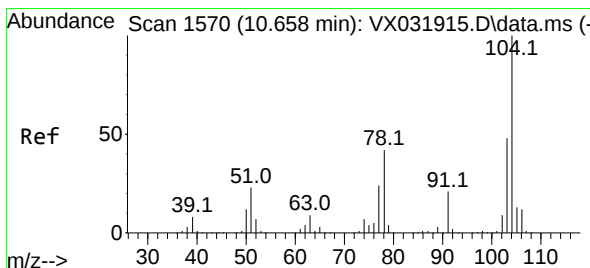
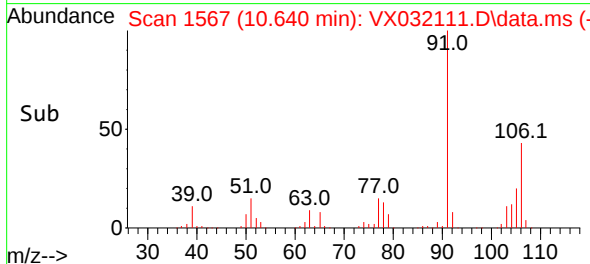
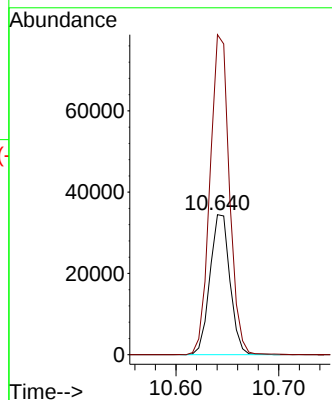
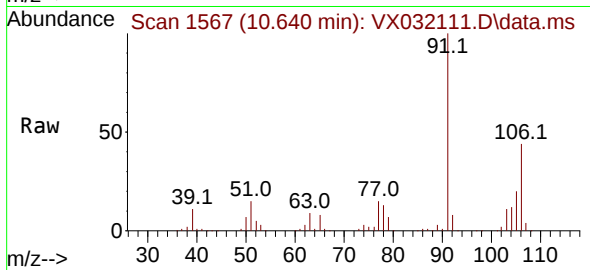
#69
o-Xylene
Concen: 18.957 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:106 Resp: 46652
Ion Ratio Lower Upper
106 100
91 222.2 107.2 321.6

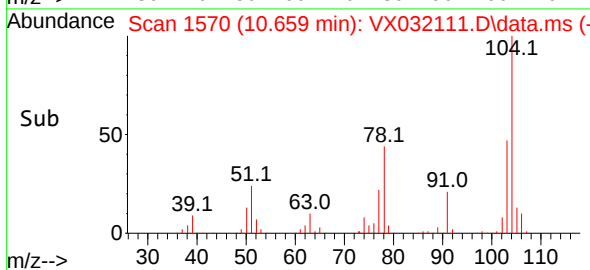
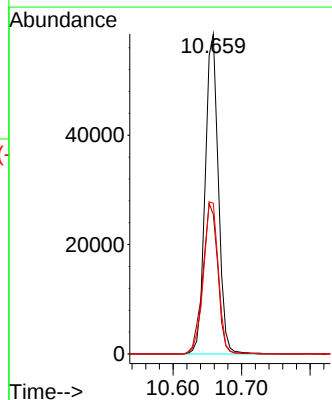
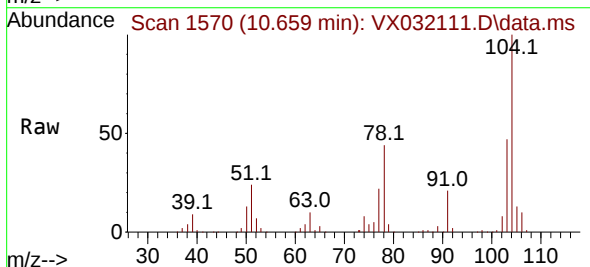
Manual Integrations
APPROVED

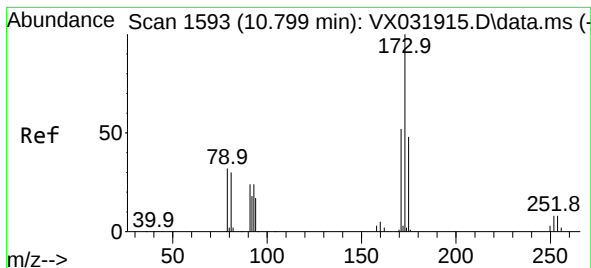
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Styrene
Concen: 19.943 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

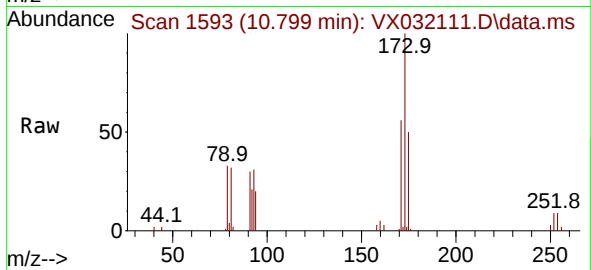
Tgt Ion:104 Resp: 78459
Ion Ratio Lower Upper
104 100
78 53.4 41.4 62.2
103 53.6 43.8 65.8





#71
Bromoform
Concen: 18.890 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

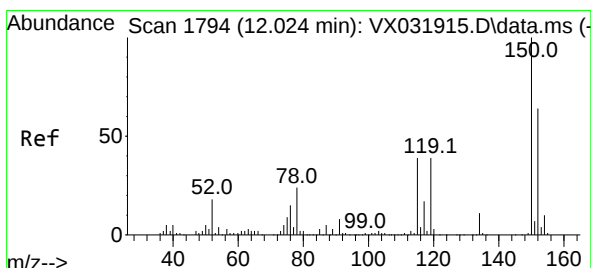
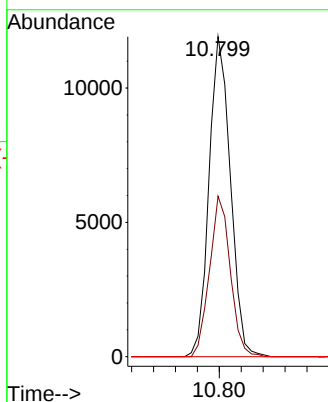
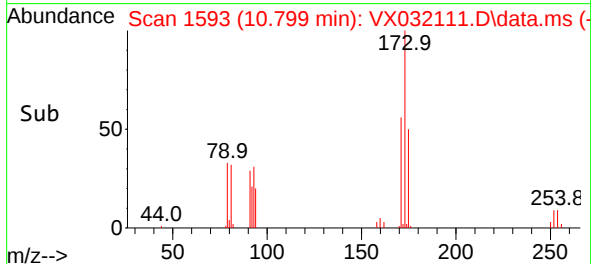
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



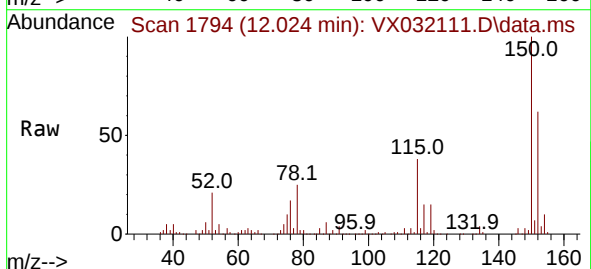
Tgt Ion:173 Resp: 16110
Ion Ratio Lower Upper
173 100
175 48.9 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

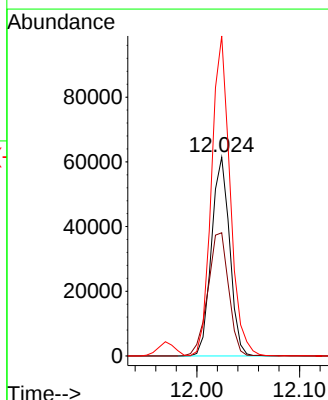
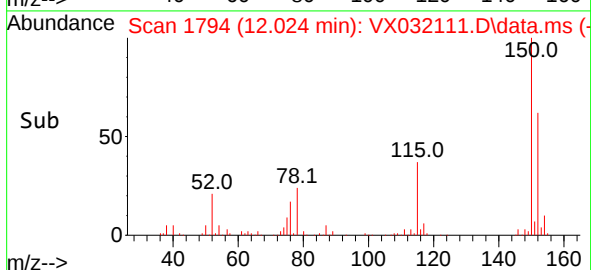
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

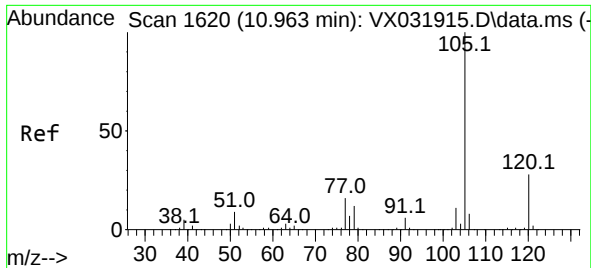


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion:152 Resp: 75424
Ion Ratio Lower Upper
152 100
115 70.9 43.4 130.1
150 164.9 0.0 346.8





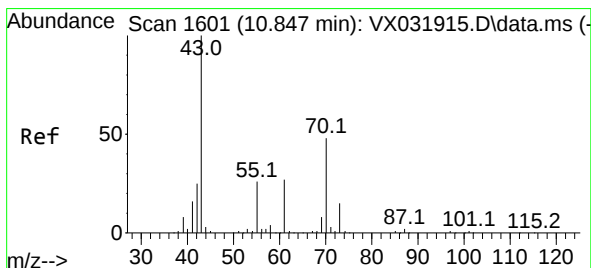
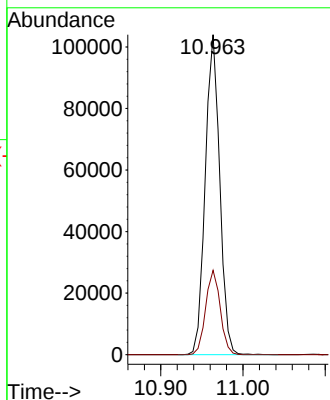
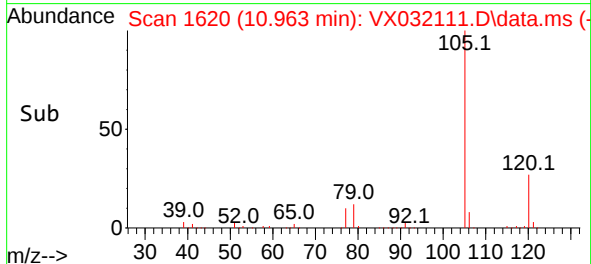
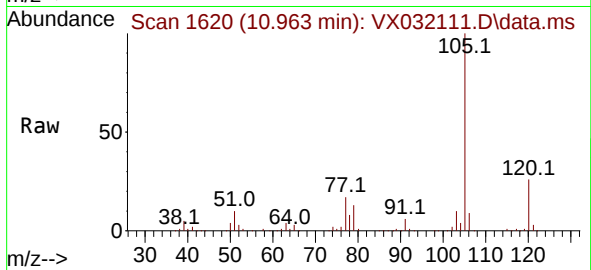
#73
Isopropylbenzene
Concen: 22.311 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:105 Resp: 126919
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

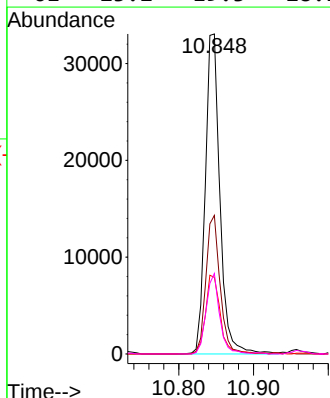
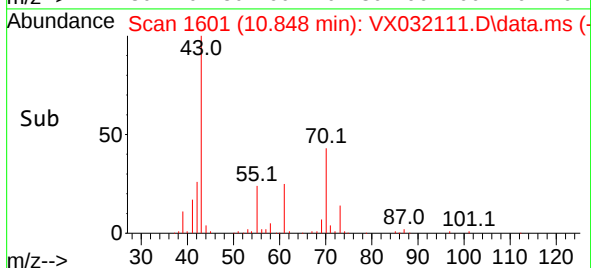
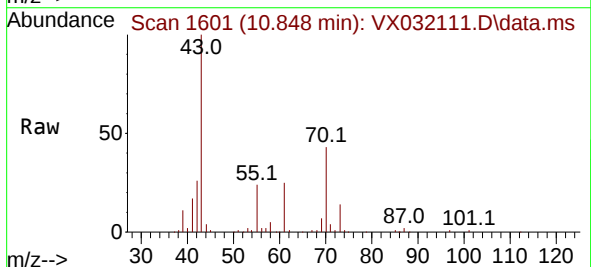
Manual Integrations
APPROVED

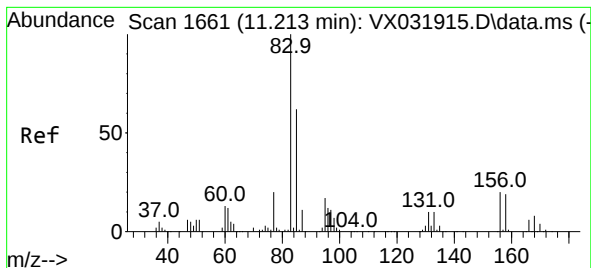
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
N-ethyl acetate
Concen: 25.798 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 43 Resp: 44816
Ion Ratio Lower Upper
43 100
70 42.3 33.4 50.2
55 25.1 18.2 27.2
61 23.2 19.3 28.9





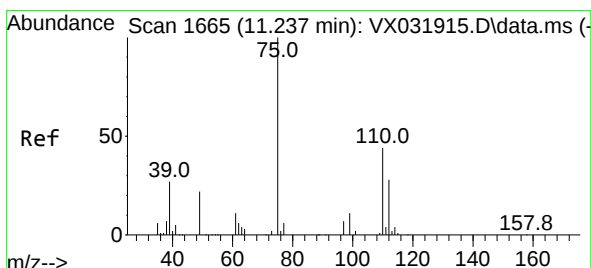
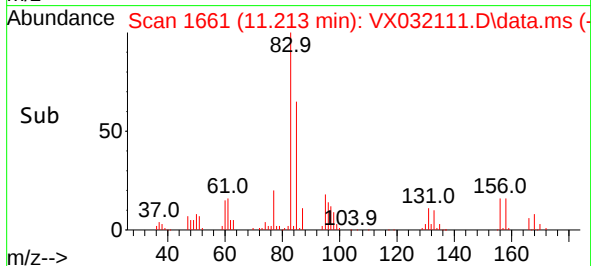
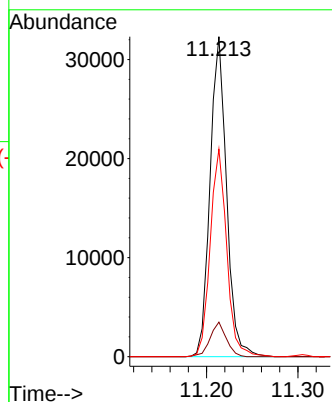
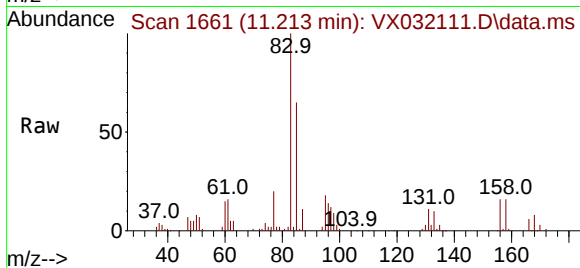
#75
1,1,2,2-Tetrachloroethane
Concen: 22.363 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 83 Resp: 40419
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 65.0 32.6 97.8

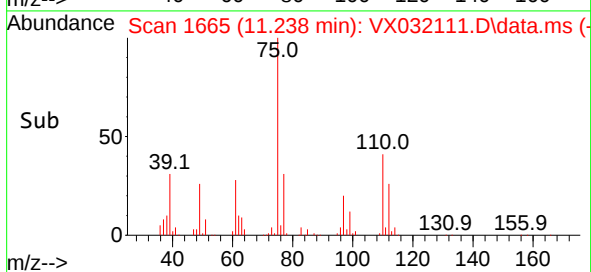
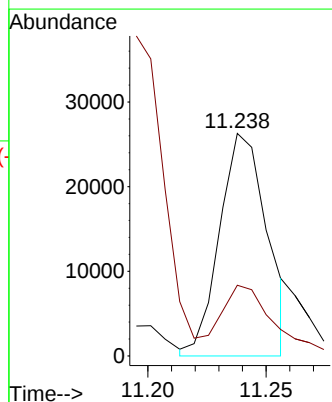
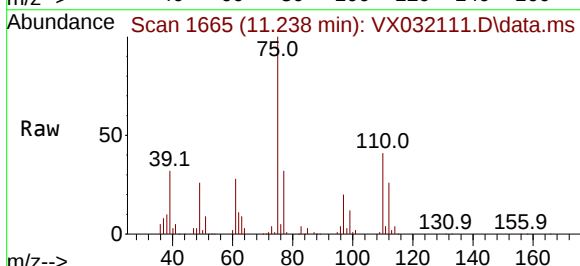
Manual Integrations
APPROVED

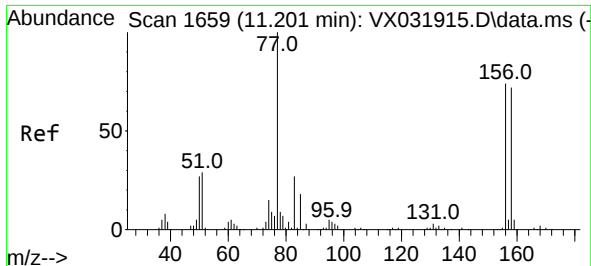
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,2,3-Trichloropropane
Concen: 23.734 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

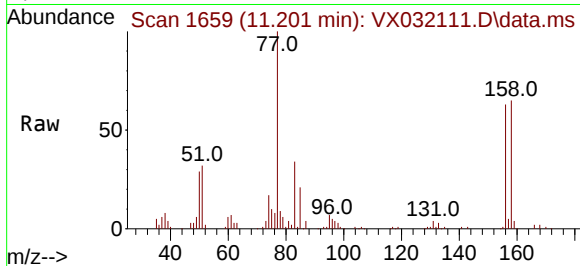
Tgt Ion: 75 Resp: 36689
Ion Ratio Lower Upper
75 100
77 36.5 20.3 60.9





#77
Bromobenzene
Concen: 20.896 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

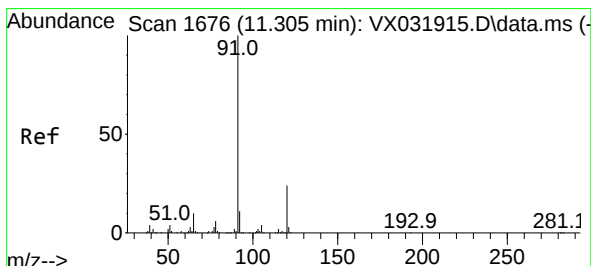
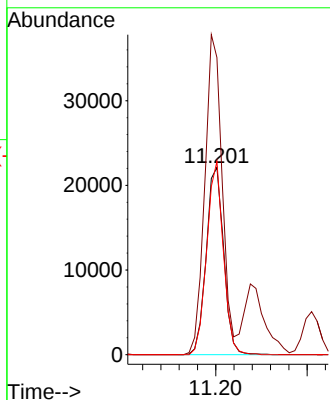
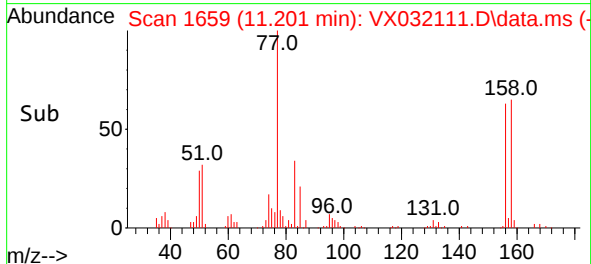
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



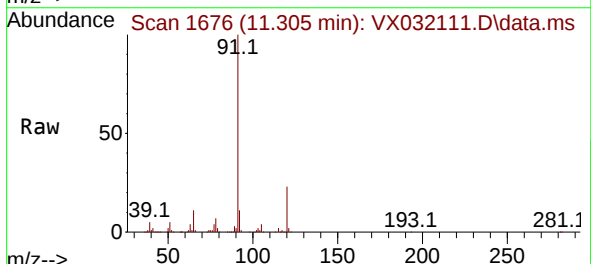
Tgt Ion:156 Resp: 2928
Ion Ratio Lower Upper
156 100
77 168.6 79.5 238.6
158 98.1 48.4 145.3

Manual Integrations
APPROVED

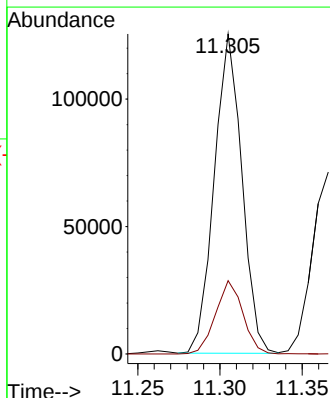
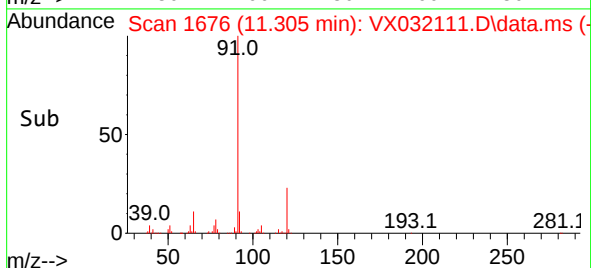
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

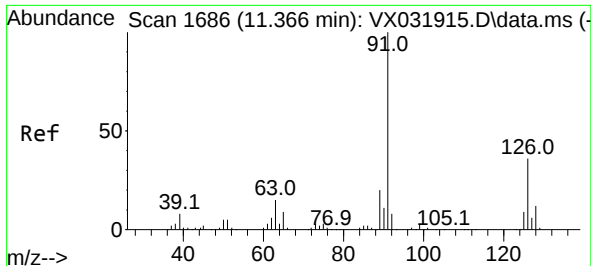


#78
n-propylbenzene
Concen: 22.590 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion: 91 Resp: 146167
Ion Ratio Lower Upper
91 100
120 22.8 11.8 35.4





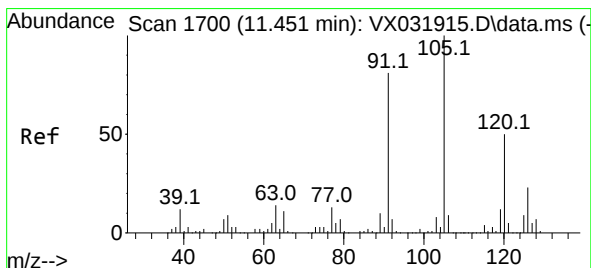
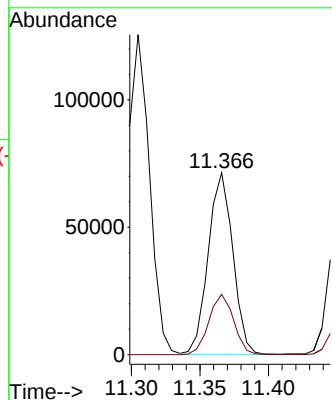
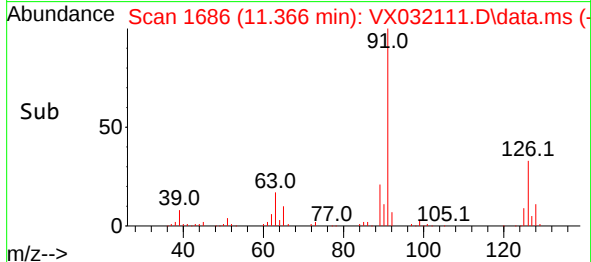
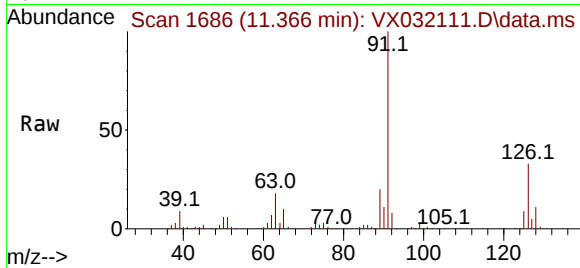
#79
2-Chlorotoluene
Concen: 22.880 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion: 91 Resp: 89088
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.3

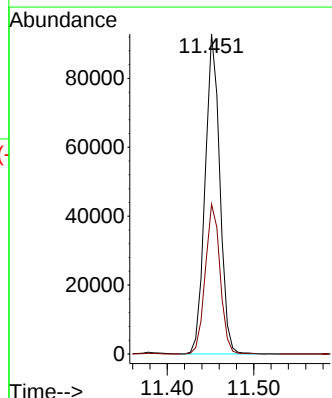
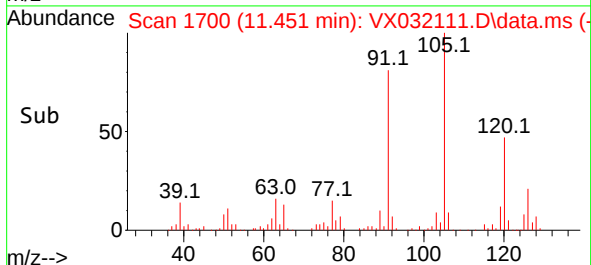
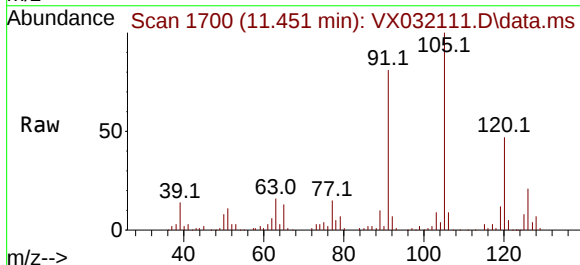
Manual Integrations
APPROVED

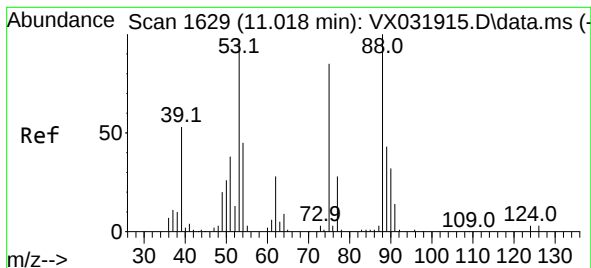
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

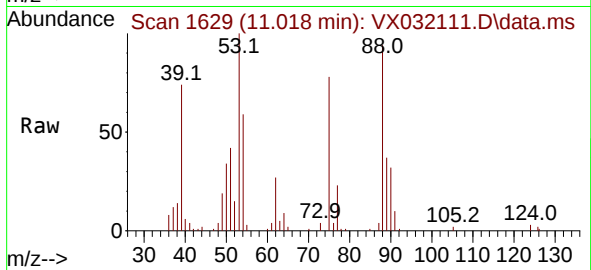
Tgt Ion:105 Resp: 109355
Ion Ratio Lower Upper
105 100
120 47.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.247 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

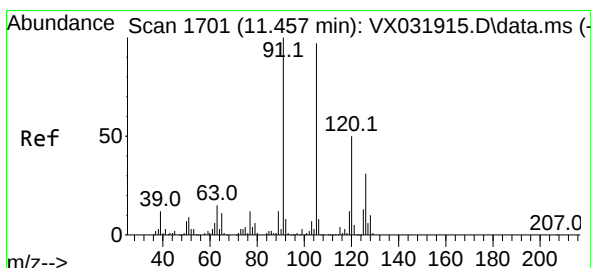
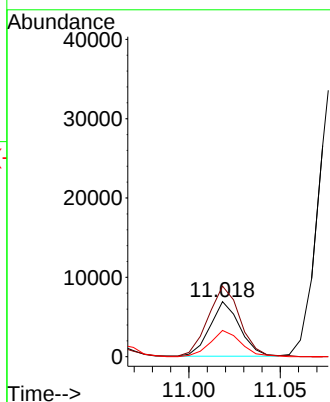
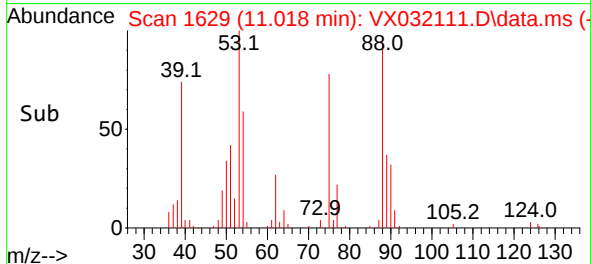
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
53 139.5 77.6 116.4
89 49.7 37.4 56.0

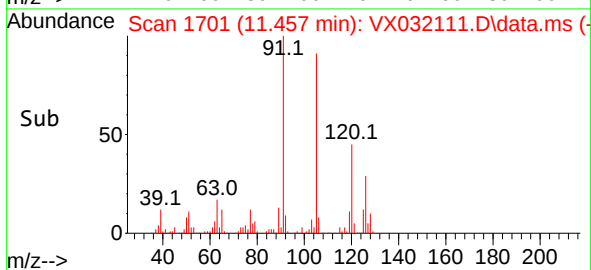
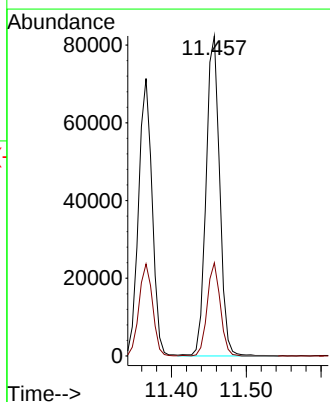
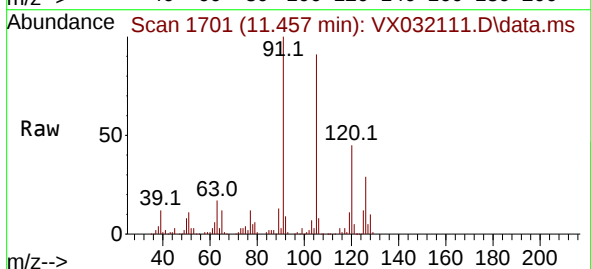
Manual Integrations
APPROVED

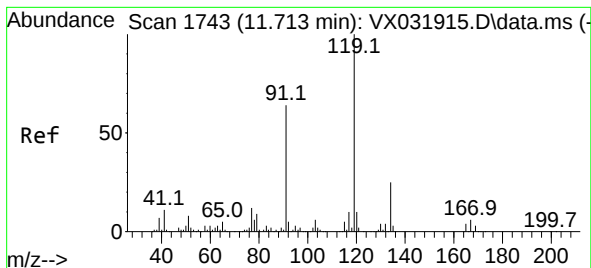
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#82
4-Chlorotoluene
Concen: 23.277 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion: 91 Resp: 103802
Ion Ratio Lower Upper
91 100
126 28.1 15.1 45.3





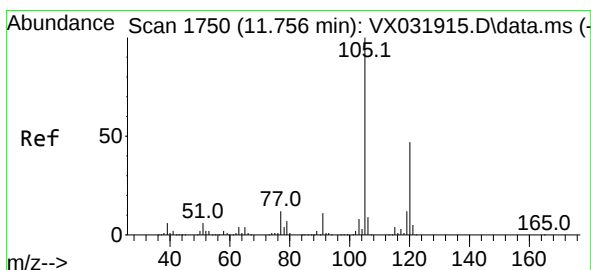
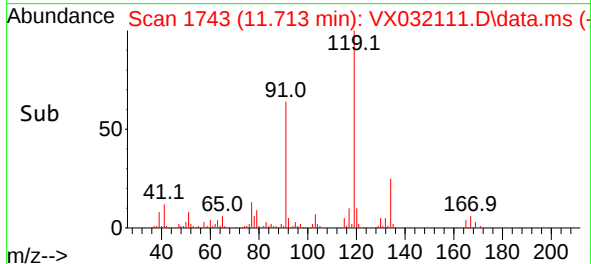
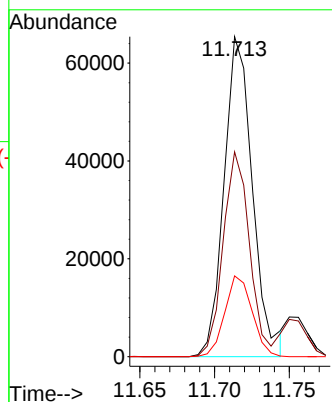
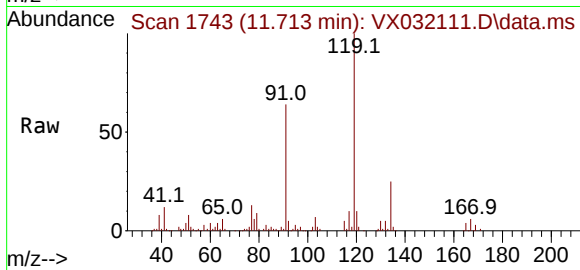
#83
tert-Butylbenzene
Concen: 18.497 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:119 Resp: 86372
Ion Ratio Lower Upper
119 100
91 59.4 29.2 87.6
134 24.4 11.6 34.8

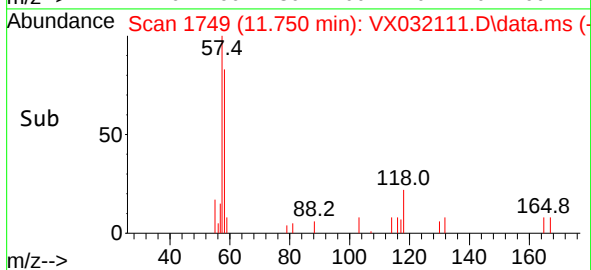
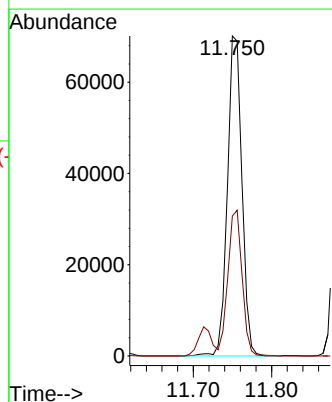
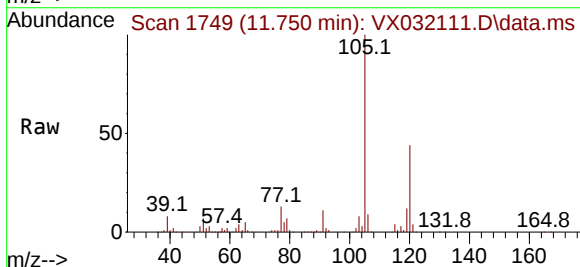
Manual Integrations
APPROVED

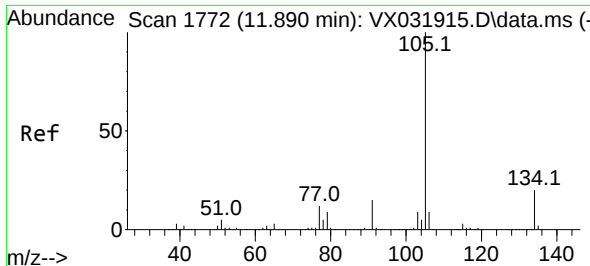
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 18.872 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

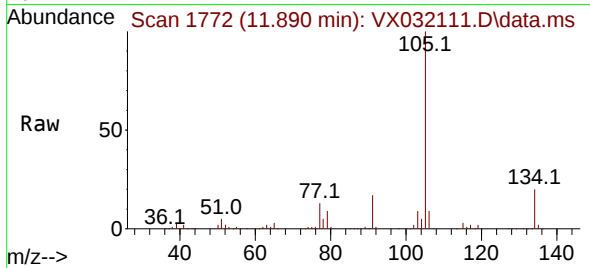
Tgt Ion:105 Resp: 90454
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.771 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19

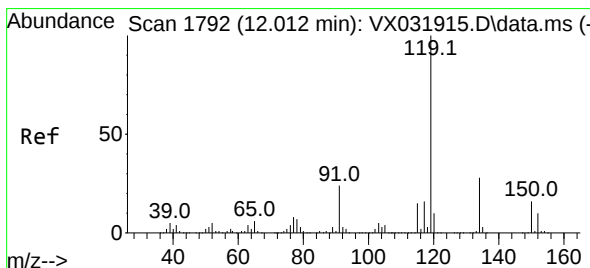
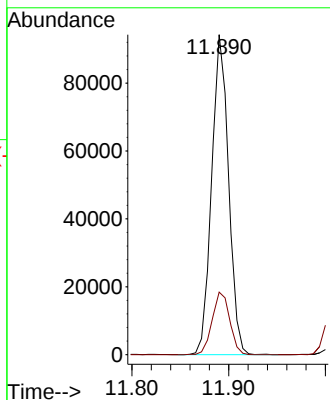
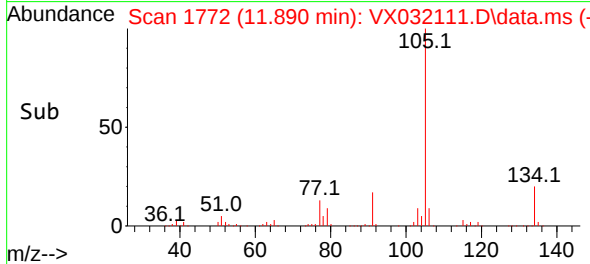
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01



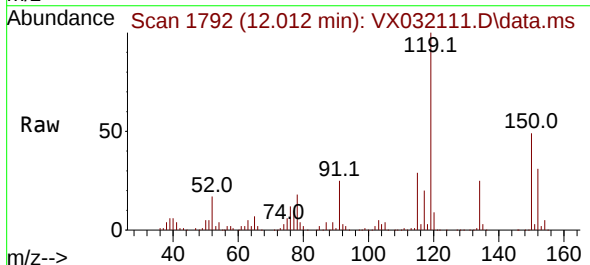
Tgt Ion:105 Resp: 11430
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
 APPROVED

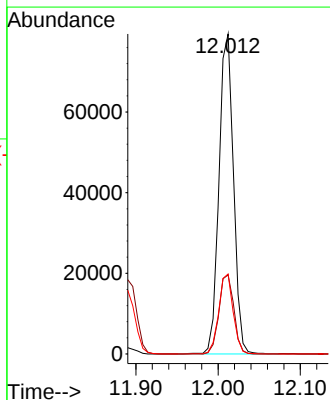
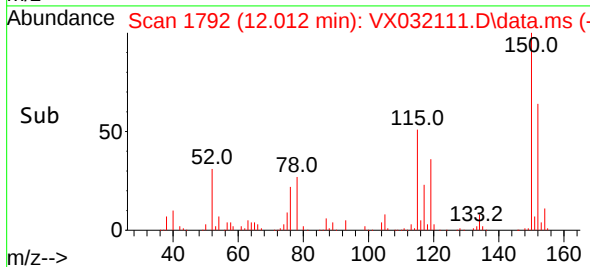
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

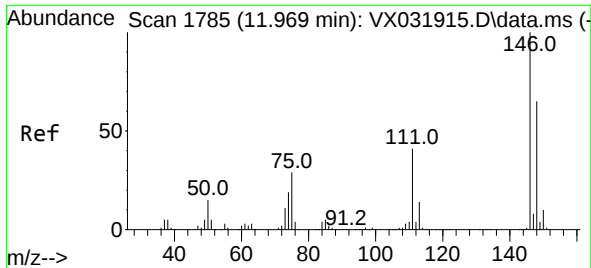


#86
 p-Isopropyltoluene
 Concen: 19.965 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032111.D
 Acq: 13 Oct 2022 15:19



Tgt Ion:119 Resp: 97178
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.4 40.2
 91 24.9 12.4 37.2





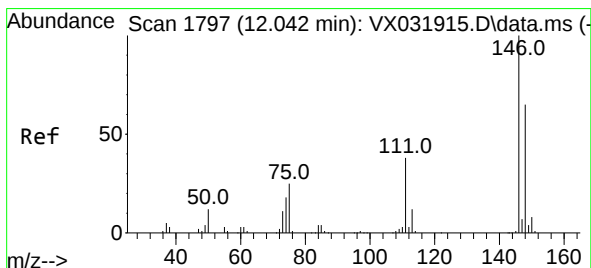
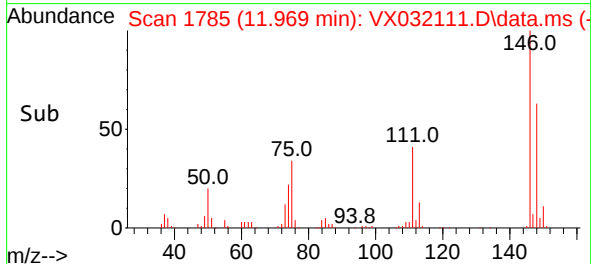
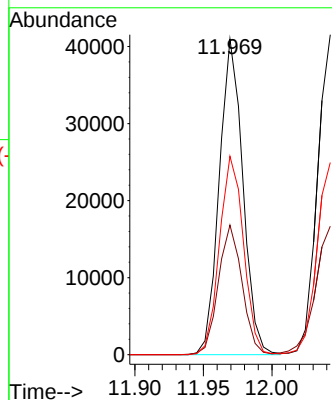
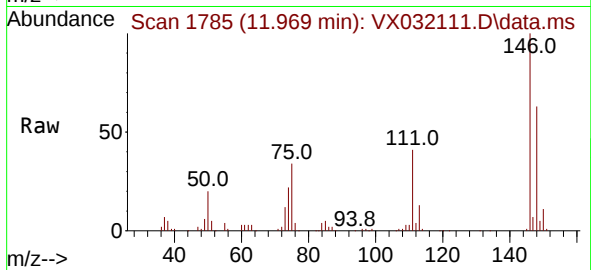
#87
1,3-Dichlorobenzene
Concen: 18.334 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tgt Ion:146 Resp: 48910
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.4
148 64.3 31.5 94.5

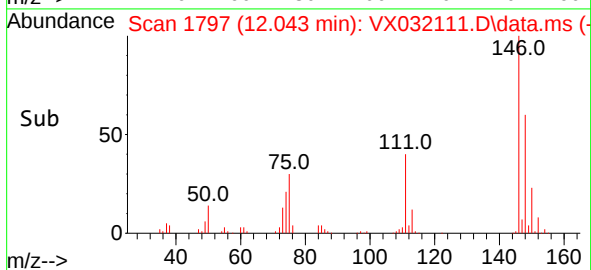
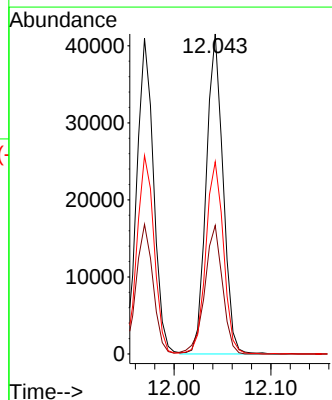
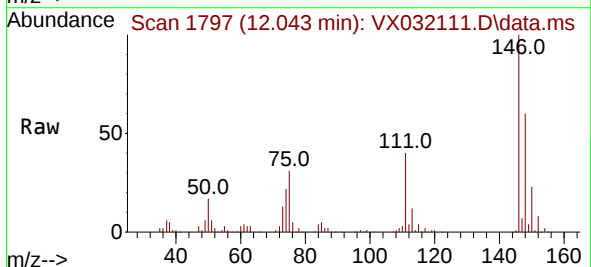
Manual Integrations
APPROVED

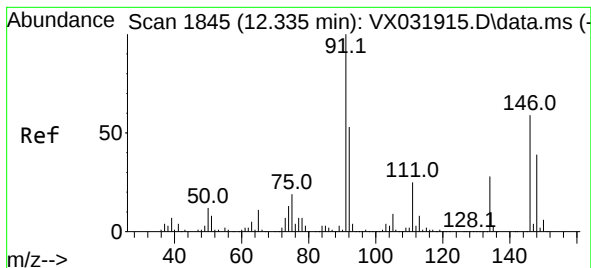
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,4-Dichlorobenzene
Concen: 18.326 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

Tgt Ion:146 Resp: 50327
Ion Ratio Lower Upper
146 100
111 42.4 20.5 61.5
148 62.9 32.0 96.2





#89

n-Butylbenzene

Concen: 19.899 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion: 91 Resp: 81110

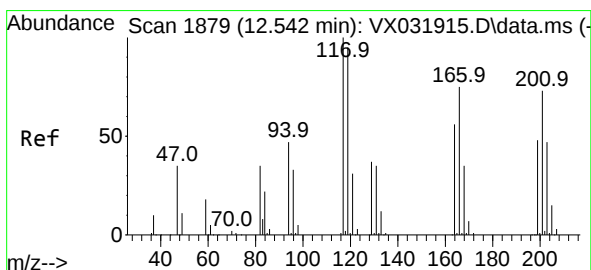
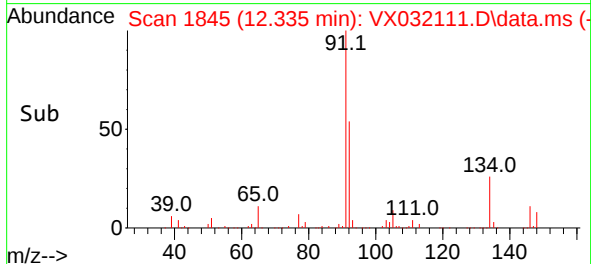
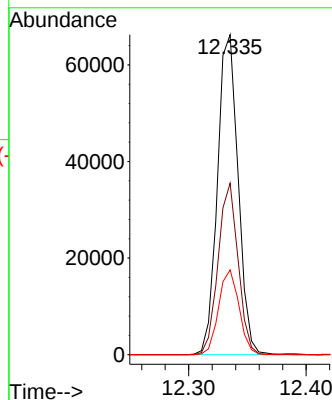
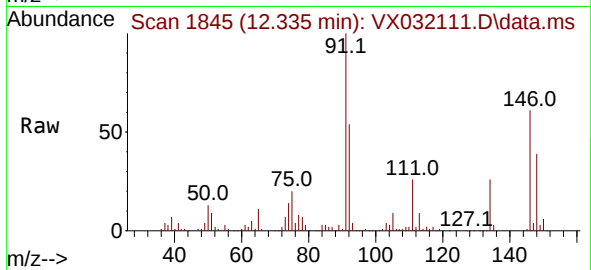
Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.0	81.0
134	26.2	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#90

Hexachloroethane

Concen: 17.911 ug/l

RT: 12.536 min Scan# 1878

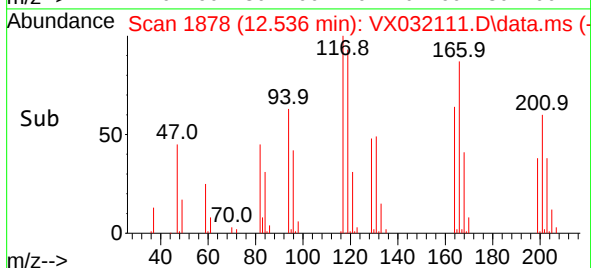
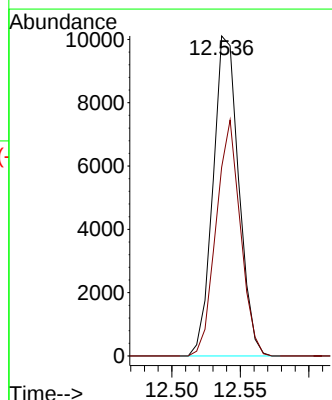
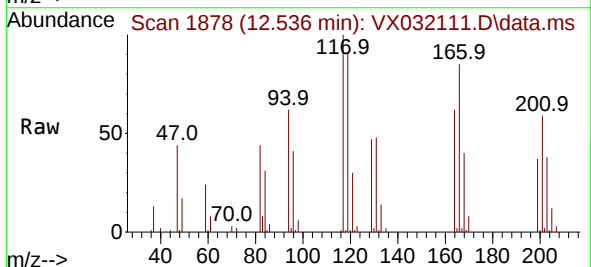
Delta R.T. -0.006 min

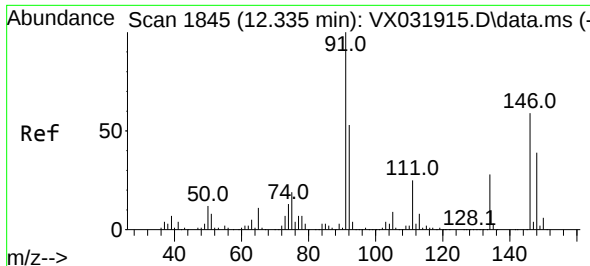
Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion:117 Resp: 13196

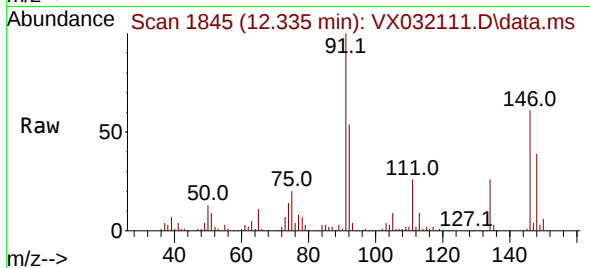
Ion	Ratio	Lower	Upper
117	100		
201	69.6	34.8	104.4





#91
1,2-Dichlorobenzene
Concen: 18.287 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

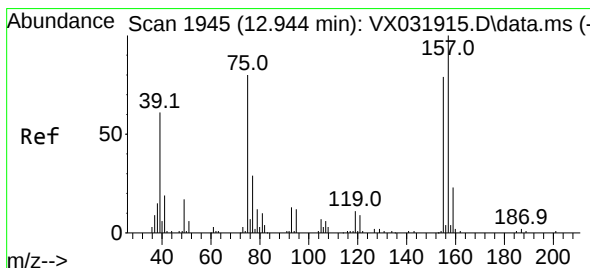
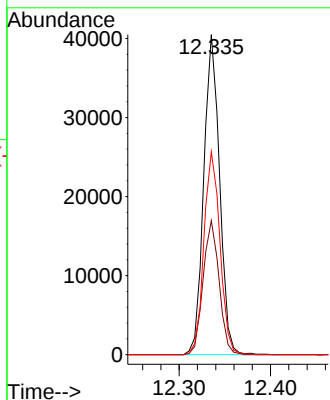
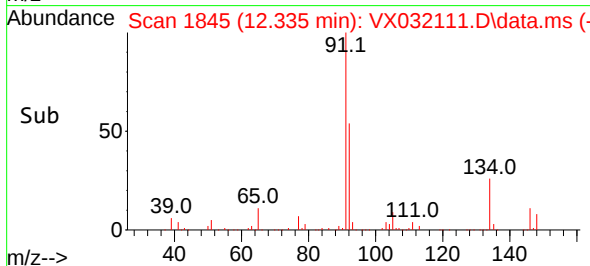
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



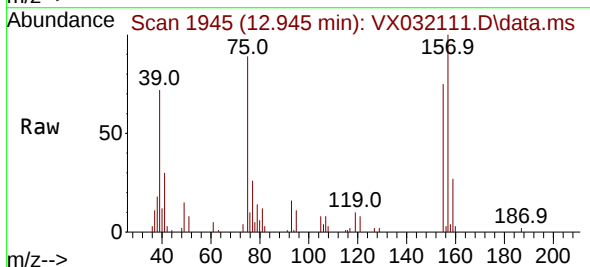
Tgt Ion:146 Resp: 48510
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 64.4 31.6 95.0

Manual Integrations
APPROVED

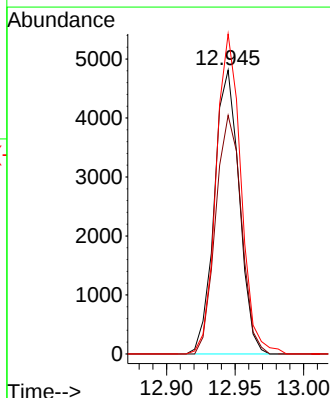
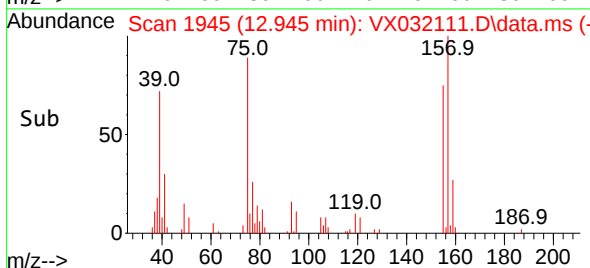
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

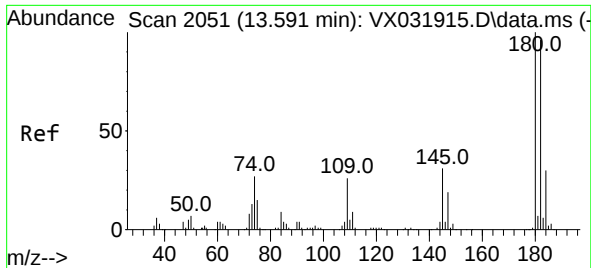


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.341 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



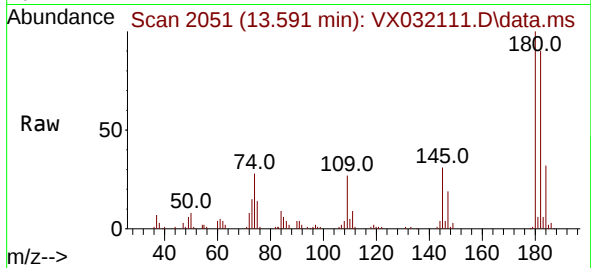
Tgt Ion: 75 Resp: 6068
Ion Ratio Lower Upper
75 100
155 87.0 40.3 120.8
157 112.3 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 18.077 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19

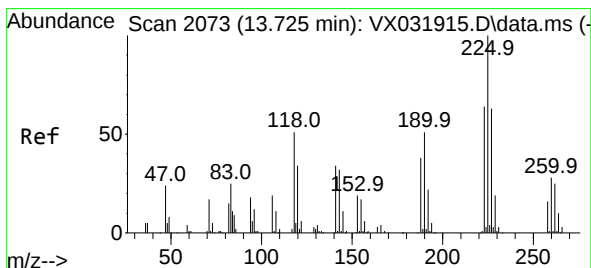
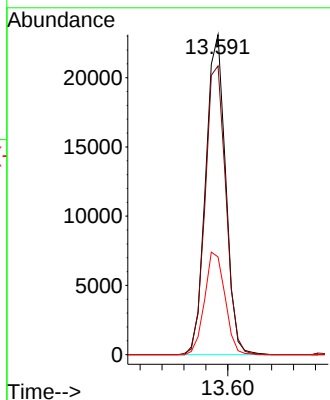
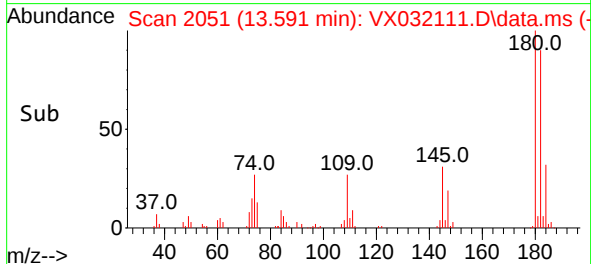
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01



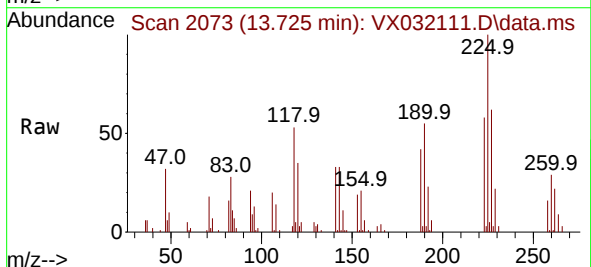
Tgt Ion:180 Resp: 2910
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 32.9 16.7 50.1

Manual Integrations
APPROVED

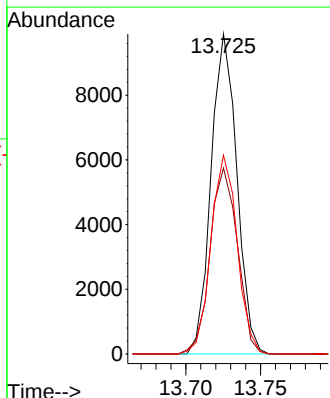
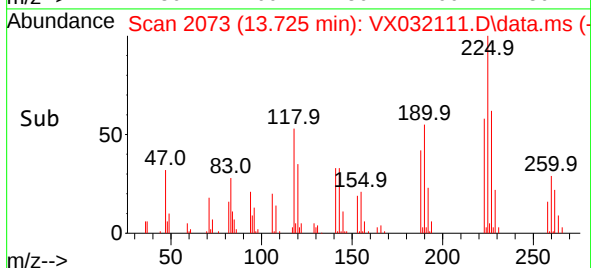
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

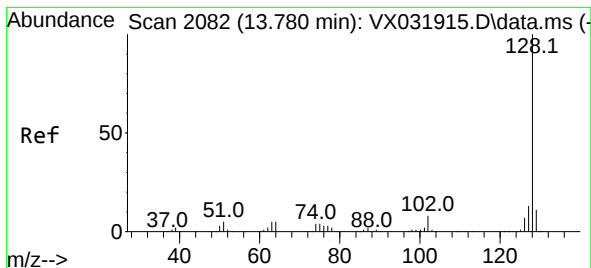


#94
Hexachlorobutadiene
Concen: 18.192 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032111.D
Acq: 13 Oct 2022 15:19



Tgt Ion:225 Resp: 11846
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.4
227 63.2 32.3 96.9





#95

Naphthalene

Concen: 18.997 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

Tgt Ion:128 Resp: 104800

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

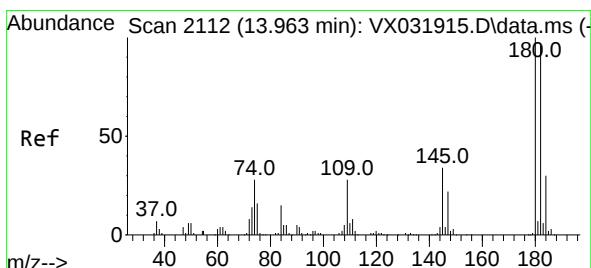
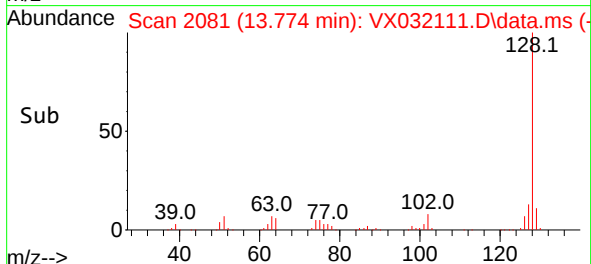
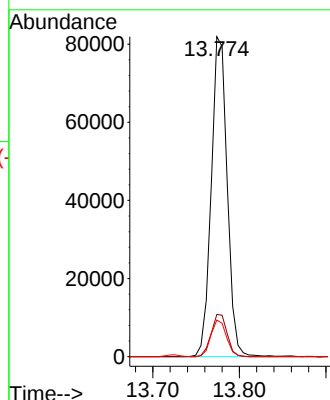
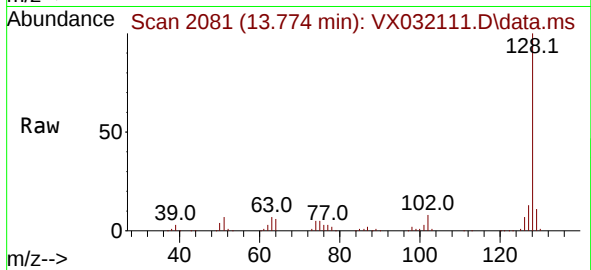
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.655 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX032111.D

Acq: 13 Oct 2022 15:19

Tgt Ion:180 Resp: 30466

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 34.4 17.6 52.8

