

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031784.D
 Acq On : 29 Sep 2022 19:24
 Operator : JC/MD
 Sample : N4860-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS

Quant Time: Sep 30 04:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72585	43.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.420%		
35) Dibromofluoromethane	5.385	113	69408	49.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	247027	48.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.079	95	99021	52.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56766	58.929	ug/l	99
3) Chloromethane	1.288	50	42173	49.562	ug/l	99
4) Vinyl Chloride	1.368	62	58731	44.302	ug/l	100
5) Bromomethane	1.611	94	38442	29.999	ug/l	99
6) Chloroethane	1.685	64	55413	34.773	ug/l	97
7) Trichlorofluoromethane	1.886	101	130798	39.458	ug/l	100
8) Diethyl Ether	2.130	74	44139	47.251	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	56902	54.081	ug/l	91
10) Methyl Iodide	2.453	142	39013	37.828	ug/l	99
11) Tert butyl alcohol	2.995	59	51471m	237.019	ug/l	
12) 1,1-Dichloroethene	2.319	96	50395	63.099	ug/l	85
13) Acrolein	2.239	56	18794	179.203	ug/l	98
14) Allyl chloride	2.660	41	65474	47.297	ug/l #	93
15) Acrylonitrile	3.069	53	130992	224.673	ug/l	98
16) Acetone	2.386	43	102882	265.685	ug/l	94
17) Carbon Disulfide	2.508	76	94004	53.392	ug/l	100
18) Methyl Acetate	2.703	43	66383	43.973	ug/l #	84
19) Methyl tert-butyl Ether	3.111	73	197000	52.723	ug/l	96
20) Methylene Chloride	2.788	84	59177	55.903	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	57851	49.736	ug/l	89
22) Diisopropyl ether	3.757	45	161698	45.386	ug/l #	86
23) Vinyl Acetate	3.721	43	607591	215.637	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	100455	48.907	ug/l	95
25) 2-Butanone	4.562	43	168371	209.970	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	75739	45.431	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	73124	51.331	ug/l	82
28) Bromochloromethane	4.898	49	40326	41.969	ug/l #	61
29) Tetrahydrofuran	5.007	42	107833	214.064	ug/l #	80
30) Chloroform	5.099	83	125814	49.791	ug/l	98
31) Cyclohexane	5.471	56	75755	47.426	ug/l #	81
32) 1,1,1-Trichloroethane	5.379	97	113064	54.025	ug/l	96
36) 1,1-Dichloropropene	5.696	75	81021	50.169	ug/l	95
37) Ethyl Acetate	4.715	43	68492	42.047	ug/l #	95
38) Carbon Tetrachloride	5.678	117	99835	54.853	ug/l	95
39) Methylcyclohexane	7.385	83	96138	52.248	ug/l	86
40) Benzene	6.038	78	246324	49.662	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36830	44.434	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	91981	47.950	ug/l	97
43) Isopropyl Acetate	6.342	43	116473	45.430	ug/l #	91
44) Trichloroethene	7.129	130	77250	55.140	ug/l	82
45) 1,2-Dichloropropane	7.434	63	60087	49.915	ug/l	97
46) Dibromomethane	7.580	93	49647	51.355	ug/l #	87
47) Bromodichloromethane	7.824	83	95458	54.719	ug/l	99
48) Methyl methacrylate	7.696	41	55385	49.121	ug/l #	86
49) 1,4-Dioxane	7.696	88	27603	1006.574	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	369850	227.909	ug/l	90
52) Toluene	8.720	92	177534	53.696	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	93593	46.586	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	97771	53.929	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	76401	53.671	ug/l	95
56) Ethyl methacrylate	9.116	69	100244	55.040	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	115022	51.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.366	63	637	0.710	ug/l #	46
59) 2-Hexanone	9.433	43	274383	226.616	ug/l	88
60) Dibromochloromethane	9.519	129	85910	51.636	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82947	57.403	ug/l	97
64) Tetrachloroethene	9.275	164	78019	53.599	ug/l	96
65) Chlorobenzene	10.079	112	206845	54.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81179	59.467	ug/l	98
67) Ethyl Benzene	10.195	91	343821	53.273	ug/l	95
68) m/p-Xylenes	10.305	106	292390	112.754	ug/l	92
69) o-Xylene	10.640	106	146205	57.682	ug/l	91
70) Styrene	10.659	104	238626	57.837	ug/l	96
71) Bromoform	10.799	173	63334	53.813	ug/l #	99
73) Isopropylbenzene	10.963	105	381403	52.011	ug/l	98
74) N-amyl acetate	10.842	43	106582	44.807	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	112602	48.326	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	95697m	46.553	ug/l	
77) Bromobenzene	11.201	156	102863	55.178	ug/l	83
78) n-propylbenzene	11.305	91	421792	51.689	ug/l	95
79) 2-Chlorotoluene	11.366	91	252704	50.150	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	332510	53.491	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	26011	43.471	ug/l	97
82) 4-Chlorotoluene	11.457	91	298287	51.239	ug/l	93
83) tert-Butylbenzene	11.713	119	342043	57.060	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	332226	53.995	ug/l	97
85) sec-Butylbenzene	11.890	105	412260	54.115	ug/l	97
86) p-Isopropyltoluene	12.012	119	364595	55.498	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	198823	55.015	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	204836	54.148	ug/l	97
89) n-Butylbenzene	12.335	91	283962	52.913	ug/l	96
90) Hexachloroethane	12.536	117	57188	54.287	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	202309	55.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23127	49.533	ug/l	69
93) 1,2,4-Trichlorobenzene	13.585	180	125850	59.463	ug/l	99
94) Hexachlorobutadiene	13.725	225	47974	58.130	ug/l	98
95) Naphthalene	13.774	128	420336	59.457	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126782	58.368	ug/l	99

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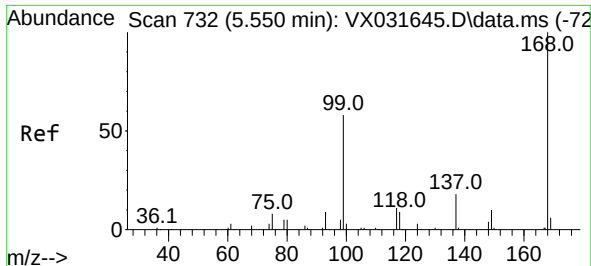
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

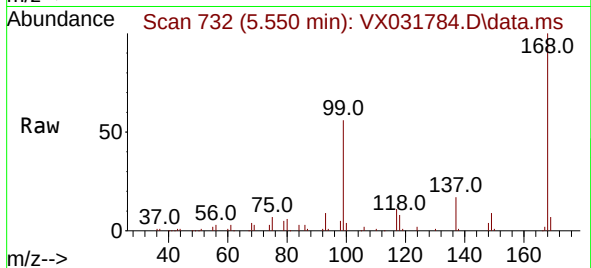
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
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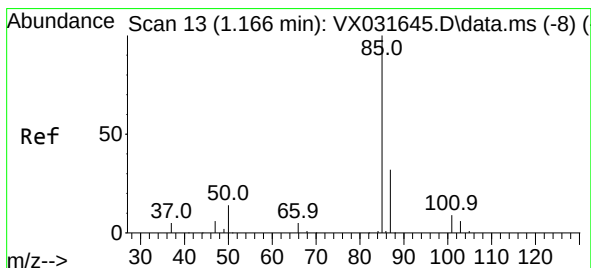
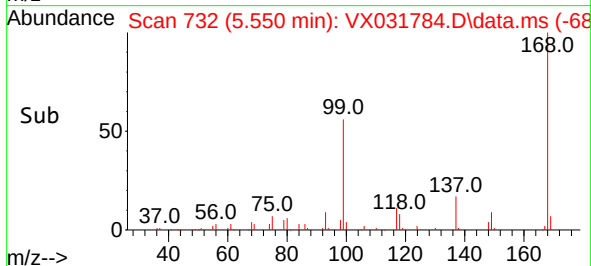
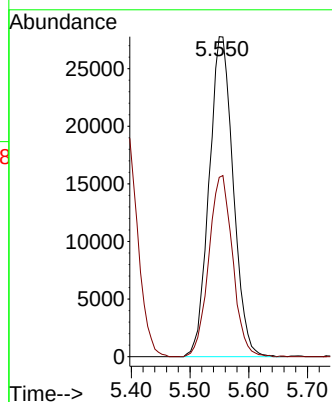
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:168 Resp: 7915
Ion Ratio Lower Upper
168 100
99 56.0 48.8 73.2

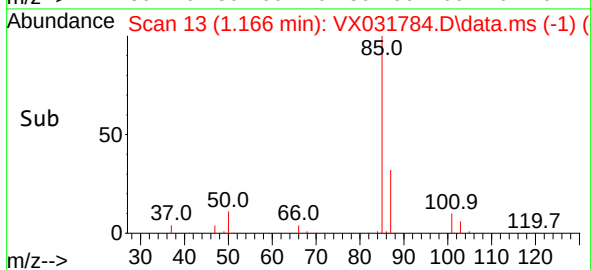
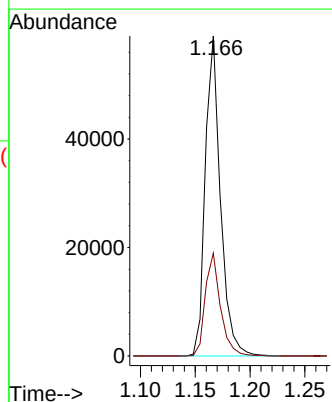
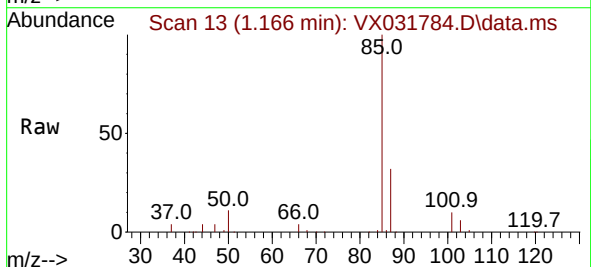
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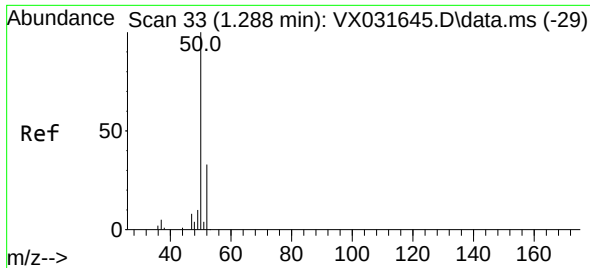
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 58.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

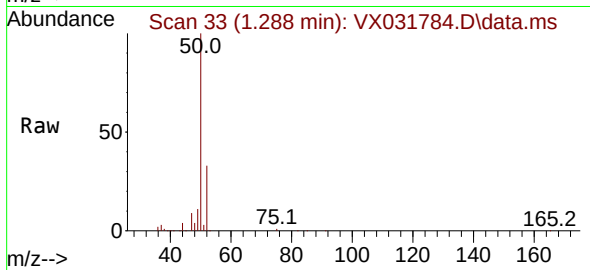
Tgt Ion: 85 Resp: 56766
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 49.562 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

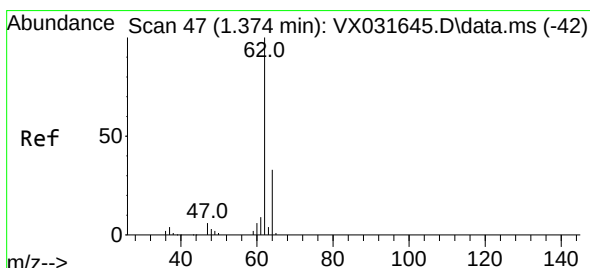
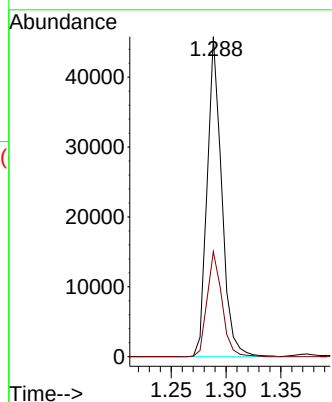
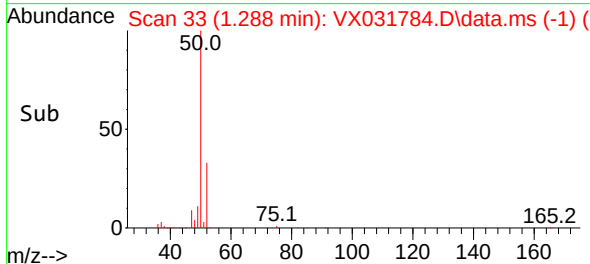
Instrument :
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Tgt Ion: 50 Resp: 4217
Ion Ratio Lower Upper
50 100
52 32.8 26.9 40.3

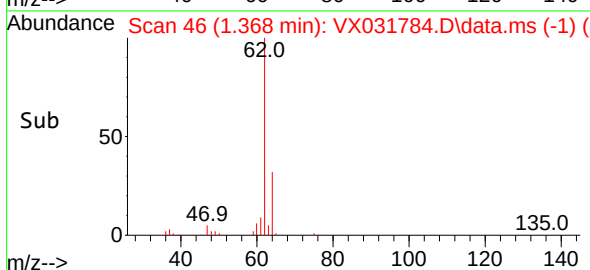
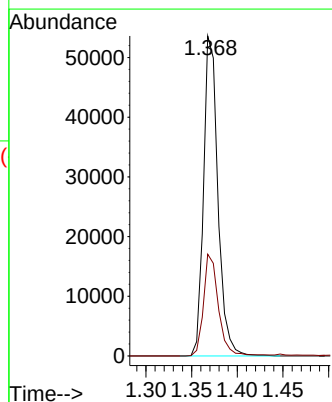
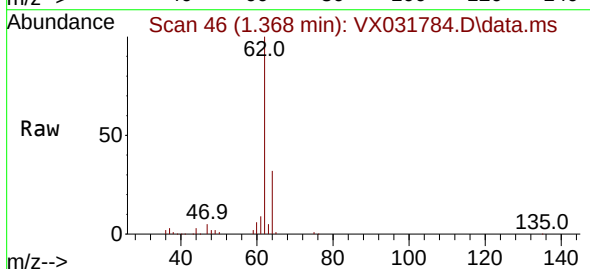
Manual Integrations
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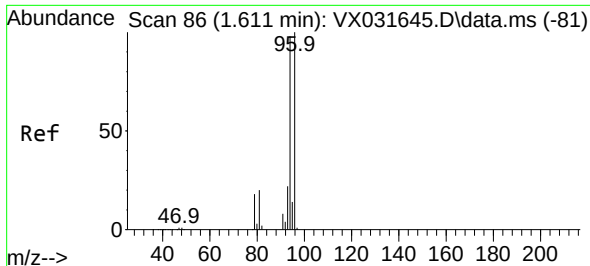
Reviewed By :John Carlone 09/30/2022
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#4
Vinyl Chloride
Concen: 44.302 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

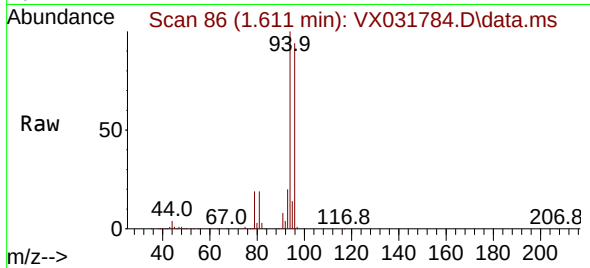
Tgt Ion: 62 Resp: 58731
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5
Bromomethane
Concen: 29.999 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

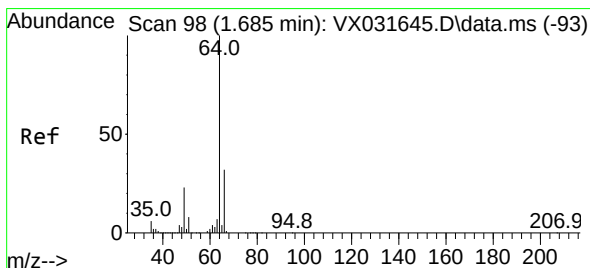
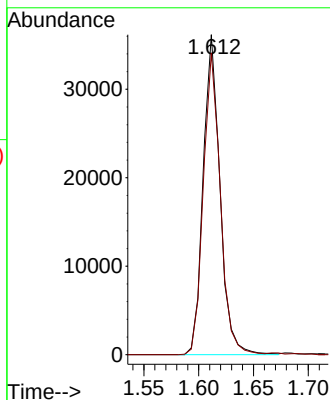
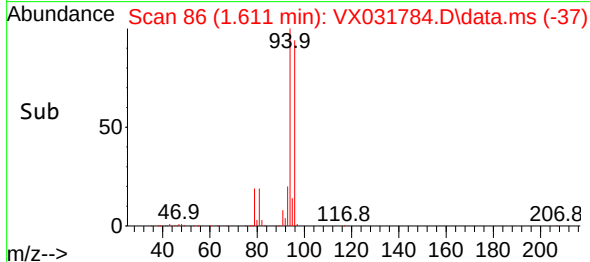
Instrument :
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Tgt Ion: 94 Resp: 3844
Ion Ratio Lower Upper
94 100
96 94.3 74.4 111.6

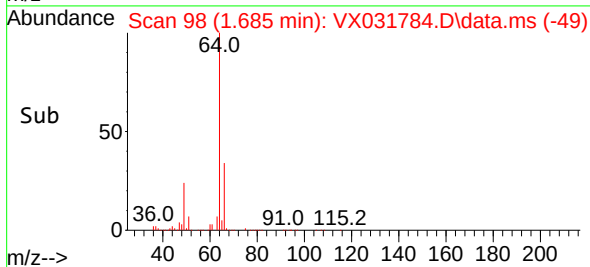
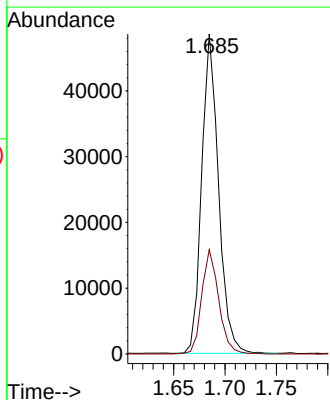
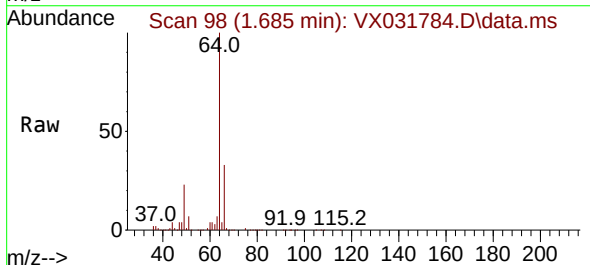
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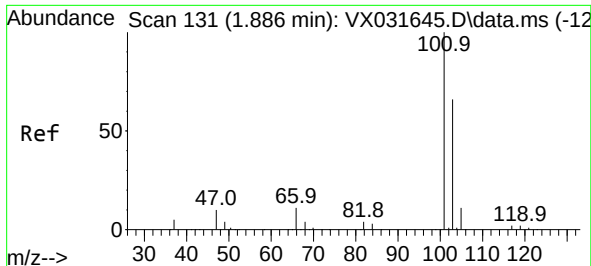
Reviewed By :John Carlone 09/30/2022
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#6
Chloroethane
Concen: 34.773 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031784.D
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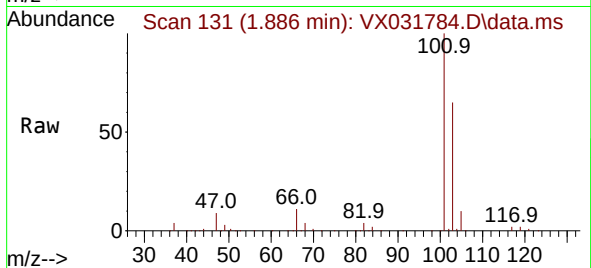
Tgt Ion: 64 Resp: 55413
Ion Ratio Lower Upper
64 100
66 32.7 25.0 37.4





#7
Trichlorofluoromethane
Concen: 39.458 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031784.D
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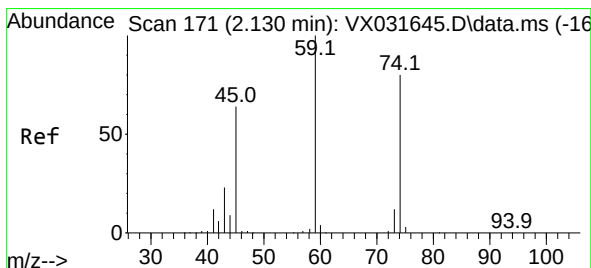
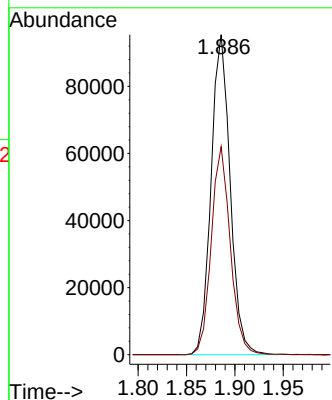
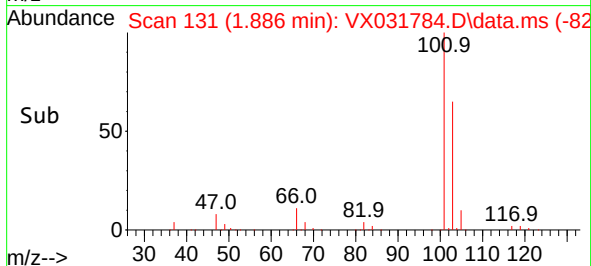
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:101 Resp: 130798
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

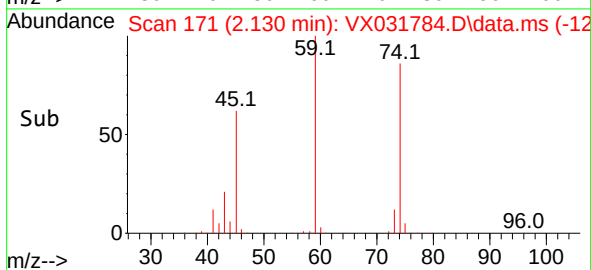
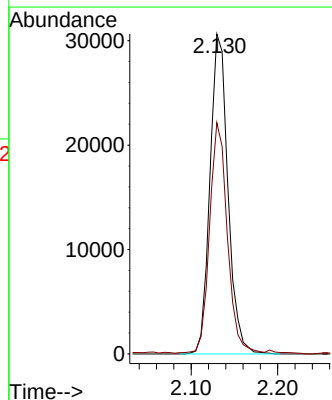
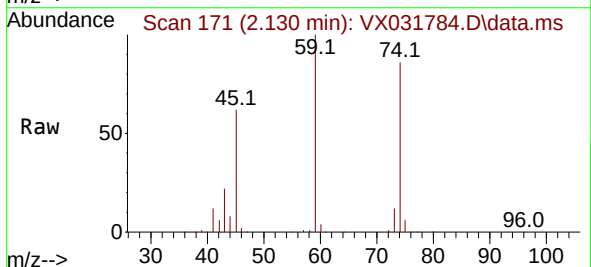
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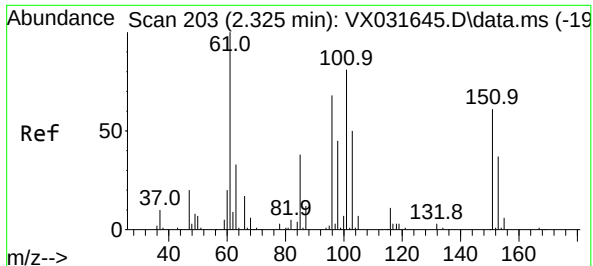
Reviewed By :John Carlone 09/30/2022
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#8
Diethyl Ether
Concen: 47.251 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 44139
Ion Ratio Lower Upper
74 100
45 70.9 48.5 145.6





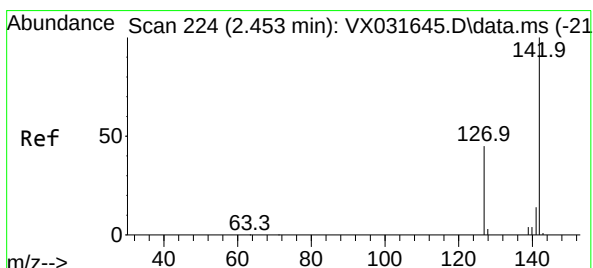
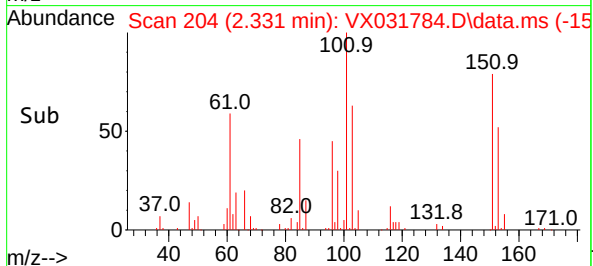
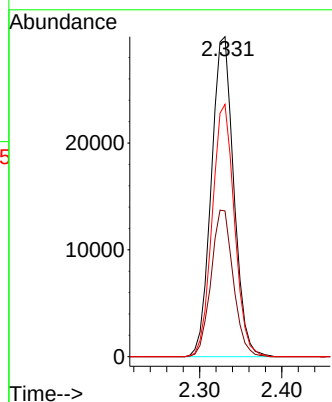
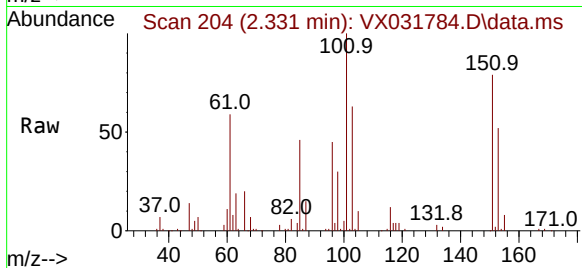
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.081 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion:101 Resp: 5690
Ion Ratio Lower Upper
101 100
85 45.3 38.6 57.8
151 78.0 54.0 81.0

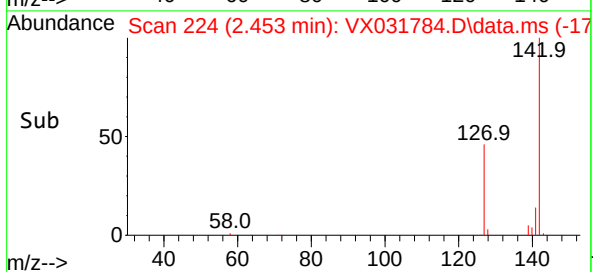
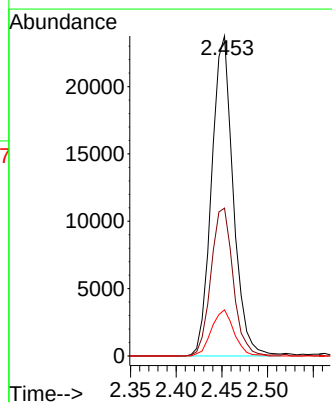
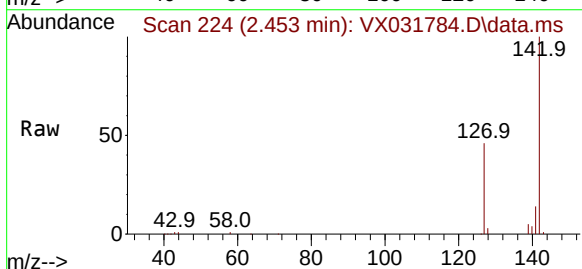
Manual Integrations
APPROVED

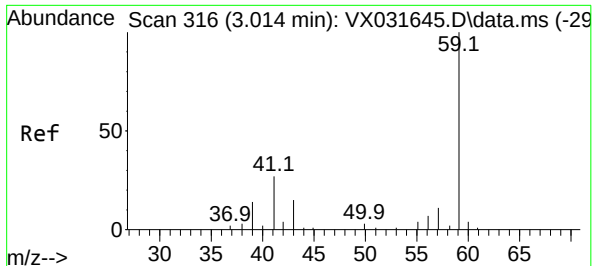
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 37.828 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion:142 Resp: 39013
Ion Ratio Lower Upper
142 100
127 47.4 37.4 56.0
141 15.0 11.6 17.4





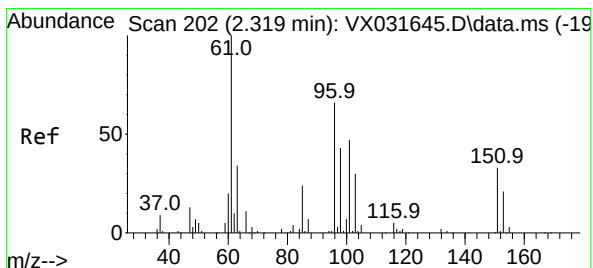
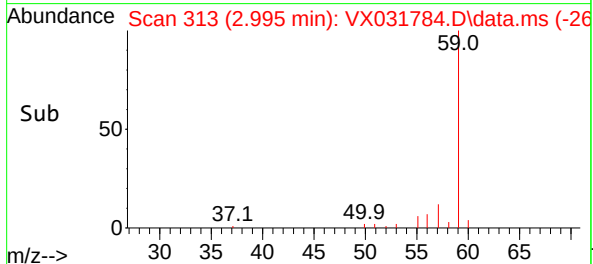
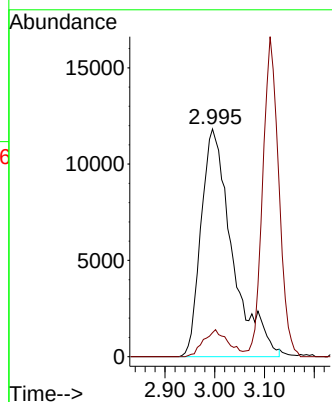
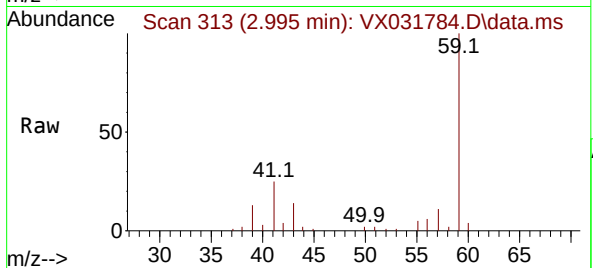
#11
Tert butyl alcohol
Concen: 237.019 ug/l m
RT: 2.995 min Scan# 316
Delta R.T. 0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 59 Resp: 5147
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

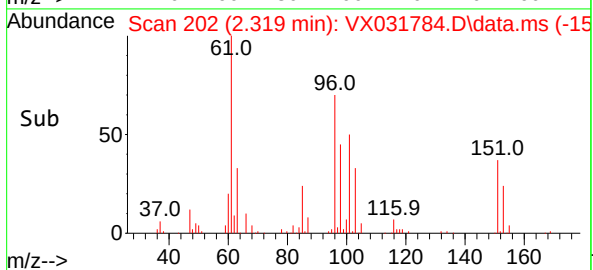
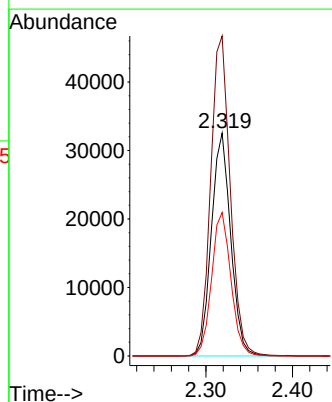
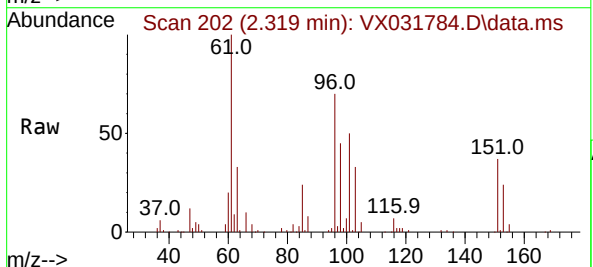
Manual Integrations
APPROVED

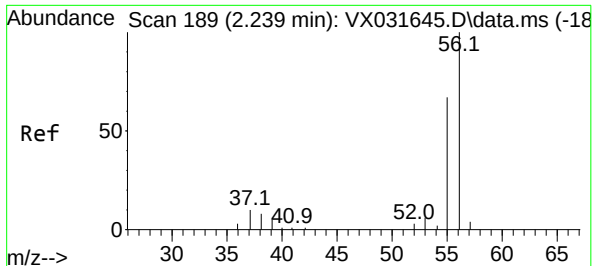
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 63.099 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

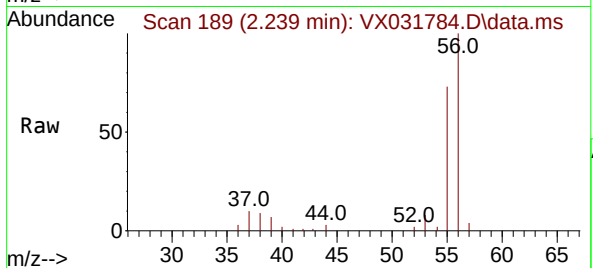
Tgt Ion: 96 Resp: 50395
Ion Ratio Lower Upper
96 100
61 143.6 135.3 202.9
98 64.4 49.4 74.2





#13
Acrolein
Concen: 179.203 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

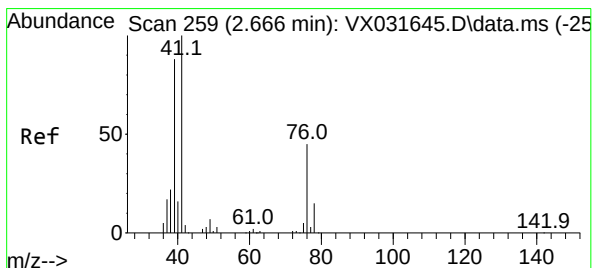
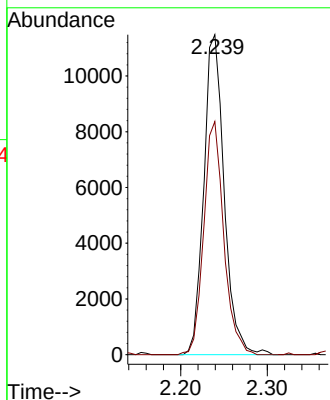
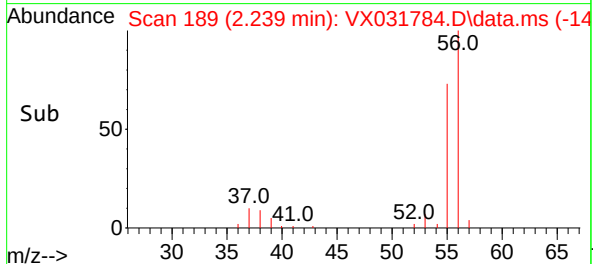
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 56 Resp: 18794
Ion Ratio Lower Upper
56 100
55 71.5 56.0 84.0

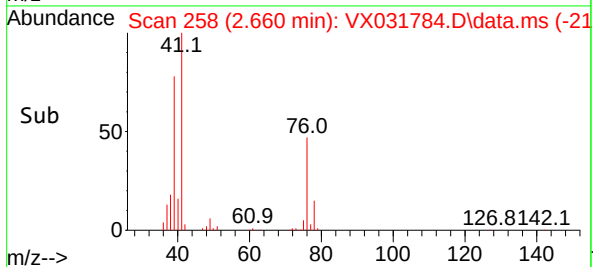
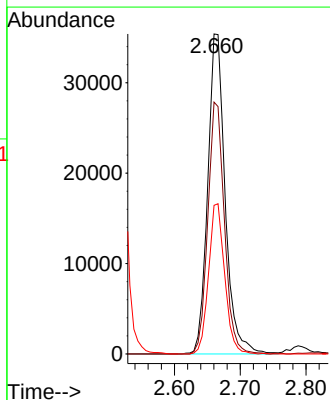
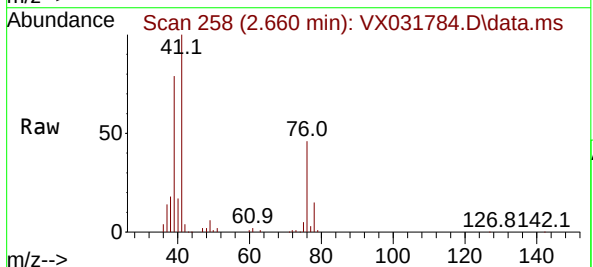
Manual Integrations
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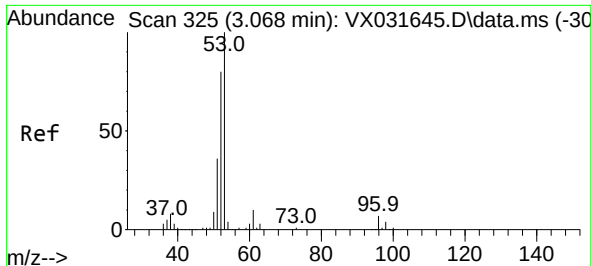
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 47.297 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

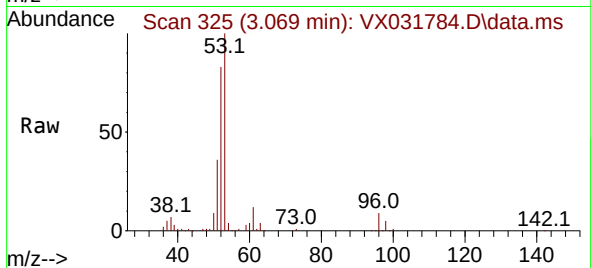
Tgt Ion: 41 Resp: 65474
Ion Ratio Lower Upper
41 100
39 74.6 58.2 87.4
76 43.2 26.9 40.3#





#15
Acrylonitrile
Concen: 224.673 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

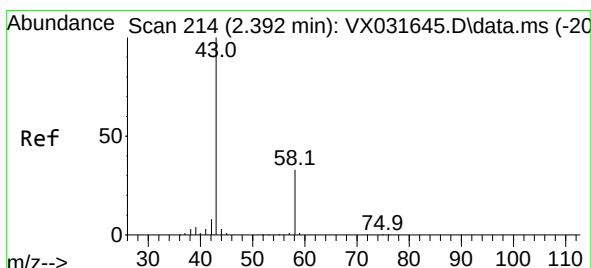
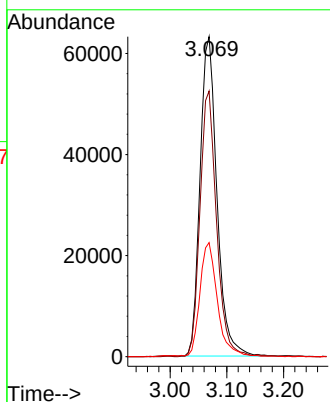
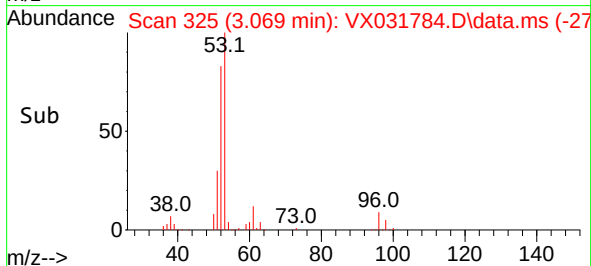
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 53 Resp: 130992
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 36.6 30.0 45.0

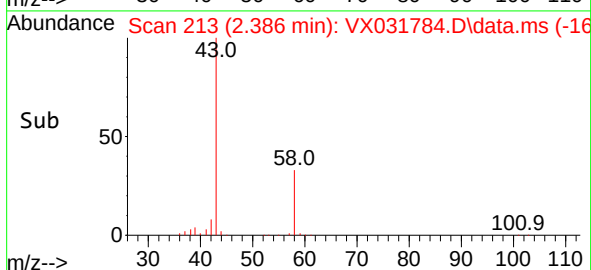
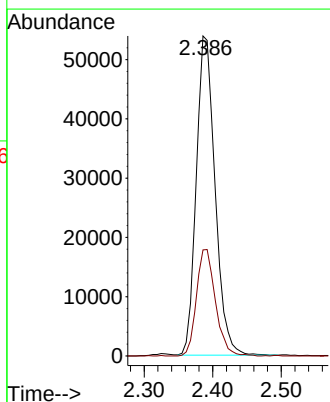
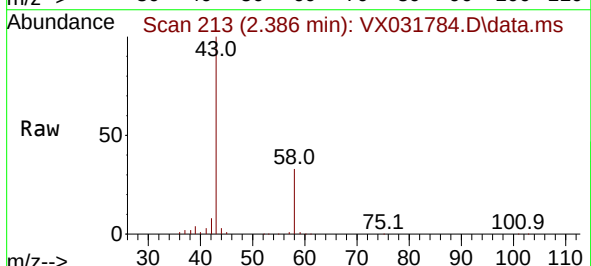
Manual Integrations
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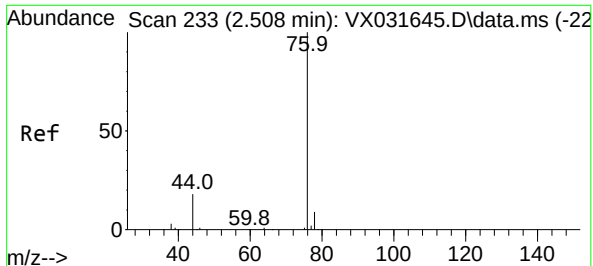
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 265.685 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion: 43 Resp: 102882
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8





#17

Carbon Disulfide

Concen: 53.392 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 76 Resp: 94004

Ion Ratio Lower Upper

76 100

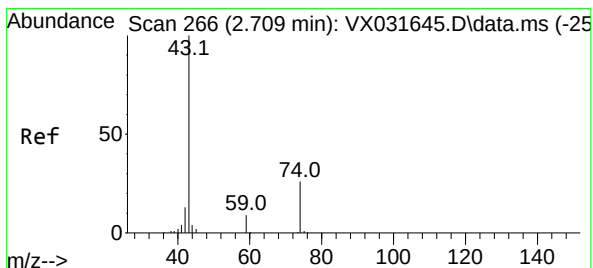
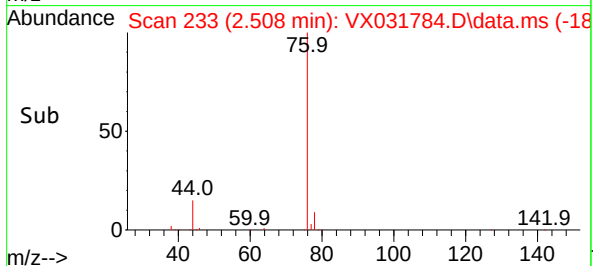
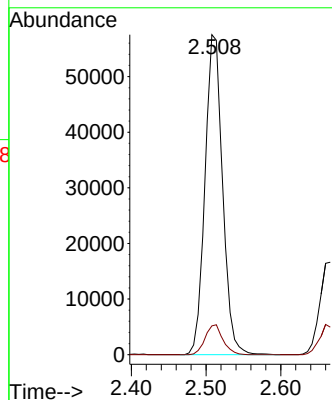
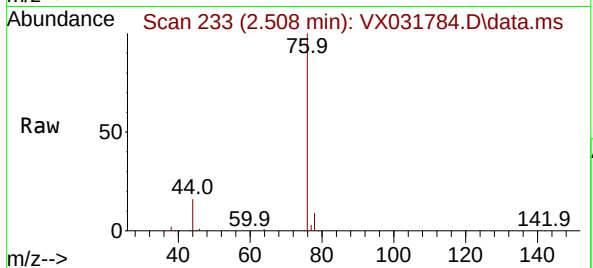
78 9.0 7.2 10.8

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#18

Methyl Acetate

Concen: 43.973 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX031784.D

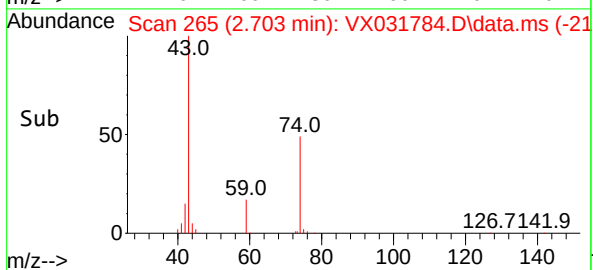
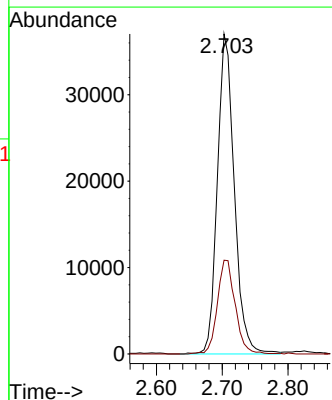
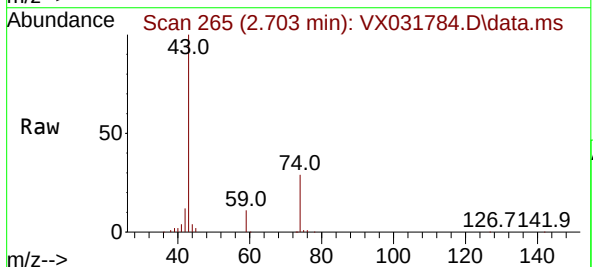
Acq: 29 Sep 2022 19:24

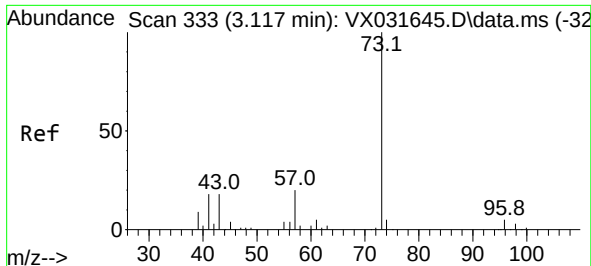
Tgt Ion: 43 Resp: 66383

Ion Ratio Lower Upper

43 100

74 30.8 18.6 27.8#





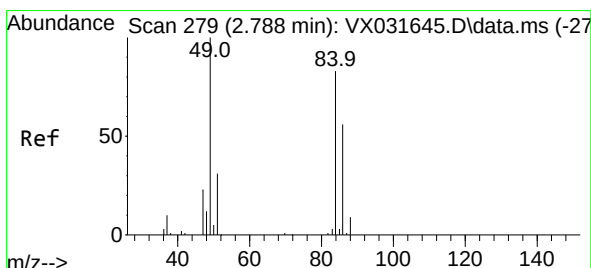
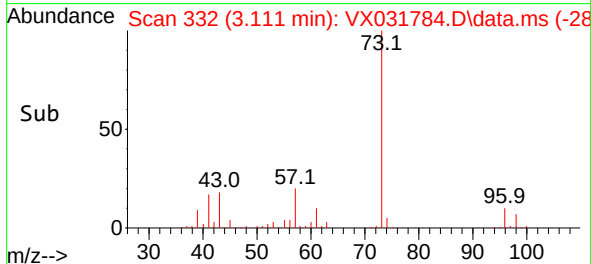
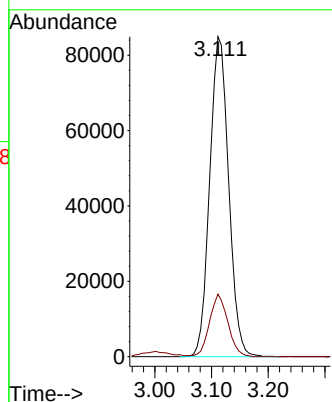
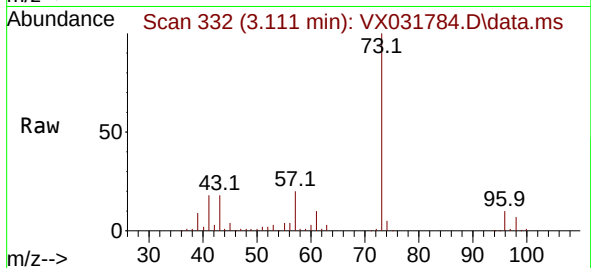
#19
Methyl tert-butyl Ether
Concen: 52.723 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 73 Resp: 197000
Ion Ratio Lower Upper
73 100
57 19.6 17.2 25.8

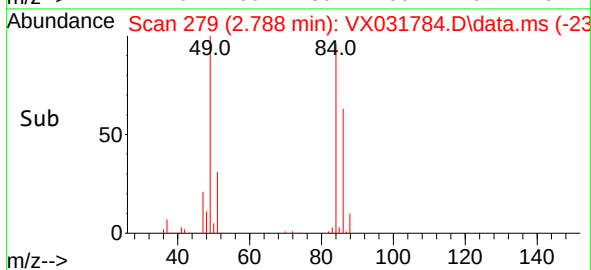
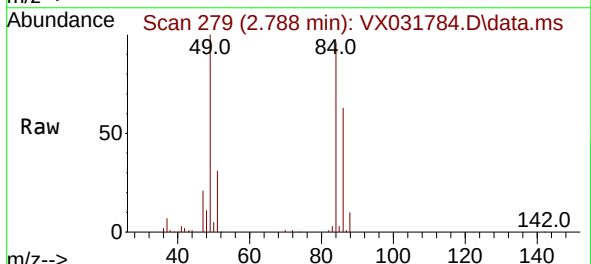
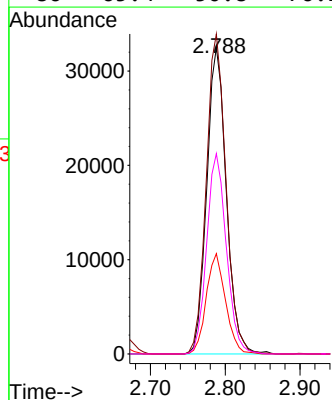
Manual Integrations
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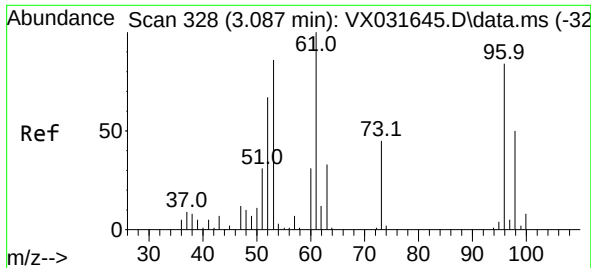
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 55.903 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

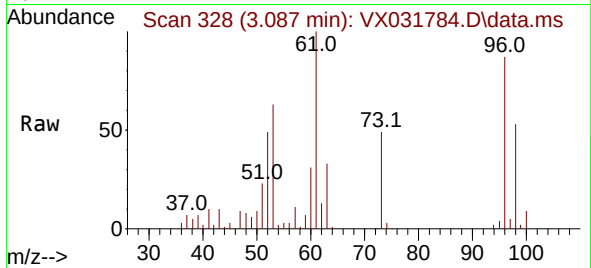
Tgt Ion: 84 Resp: 59177
Ion Ratio Lower Upper
84 100
49 104.4 105.9 158.9#
51 32.7 32.2 48.2
86 65.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.736 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

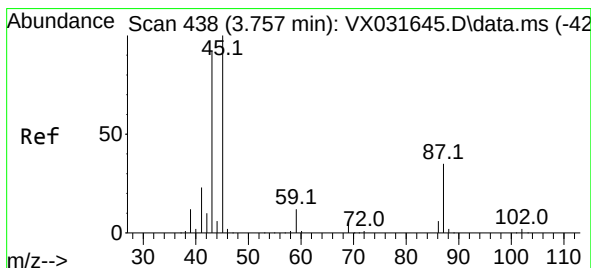
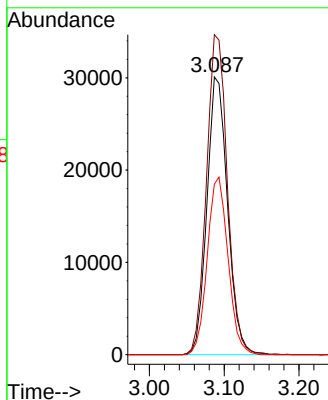
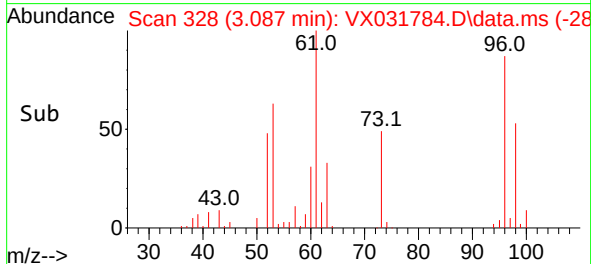
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



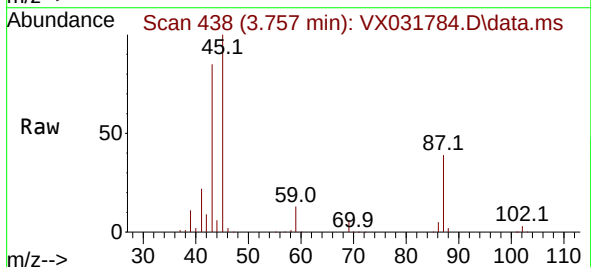
Tgt Ion: 96 Resp: 5785
Ion Ratio Lower Upper
96 100
61 115.2 106.7 160.1
98 61.4 48.7 73.1

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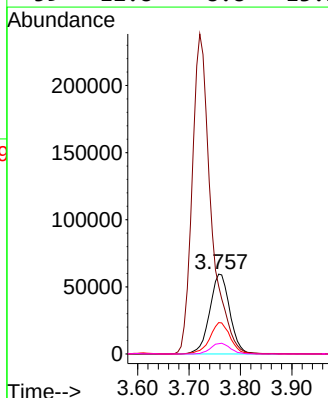
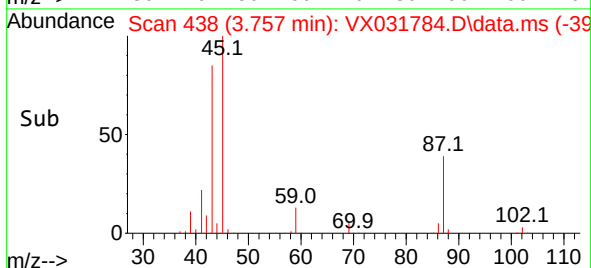
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

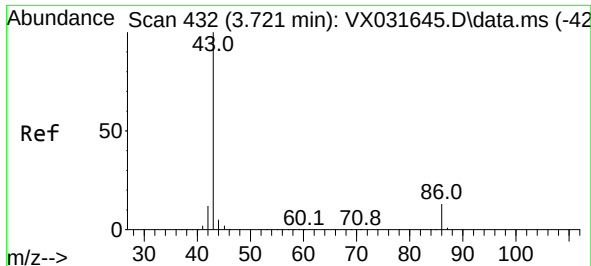


#22
Diisopropyl ether
Concen: 45.386 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



Tgt Ion: 45 Resp: 161698
Ion Ratio Lower Upper
45 100
43 84.5 59.0 88.6
87 39.2 22.6 33.8#
59 12.8 8.8 13.2





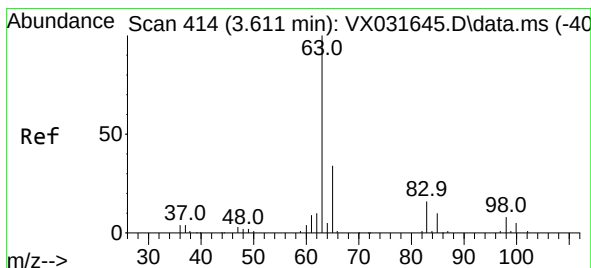
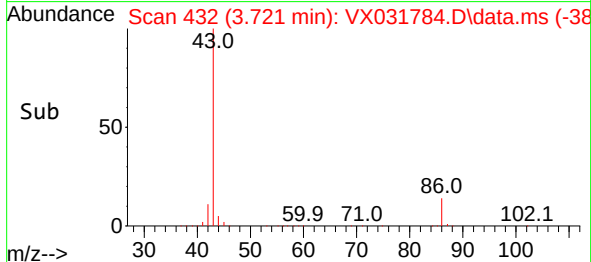
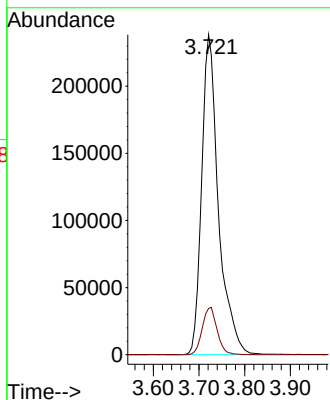
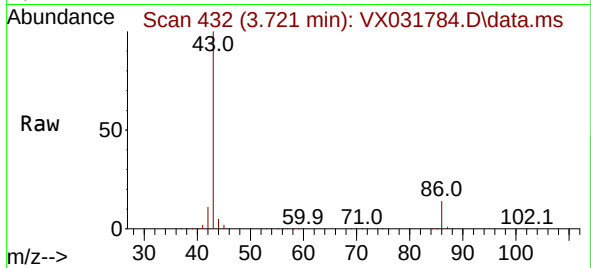
#23
 Vinyl Acetate
 Concen: 215.637 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031784.D
 Acq: 29 Sep 2022 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS

Tgt Ion: 43 Resp: 60759
 Ion Ratio Lower Upper
 43 100
 86 14.4 8.7 13.1

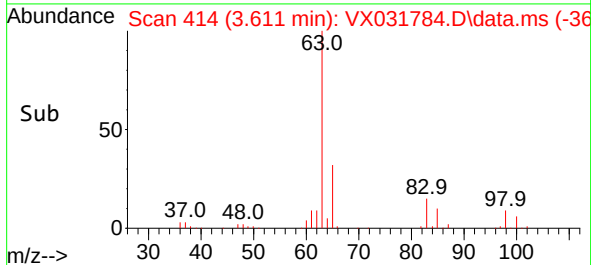
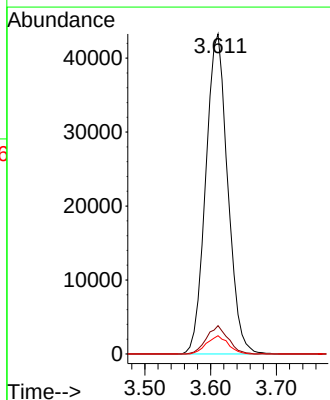
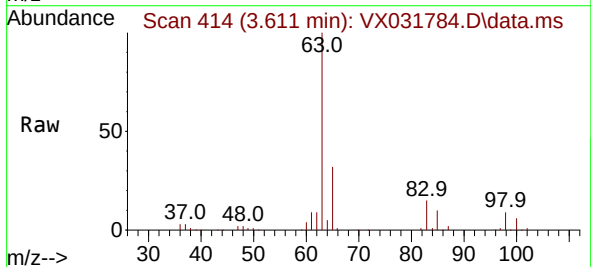
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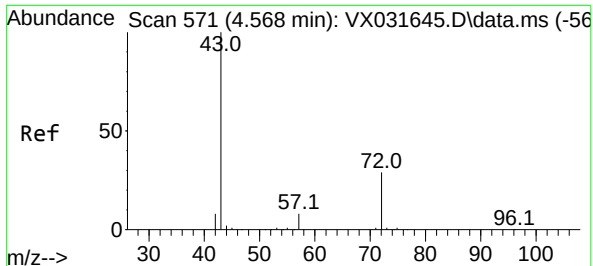
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 48.907 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031784.D
 Acq: 29 Sep 2022 19:24

Tgt Ion: 63 Resp: 100455
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.4
 100 5.7 2.4 7.2





#25

2-Butanone

Concen: 209.970 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 43 Resp: 16837

Ion Ratio Lower Upper

43 100

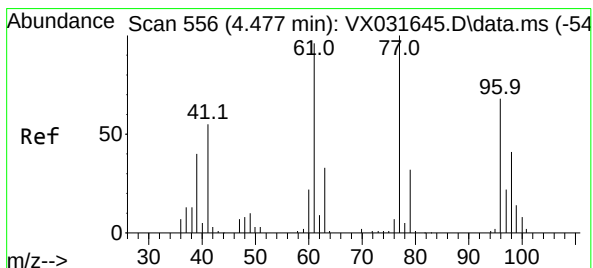
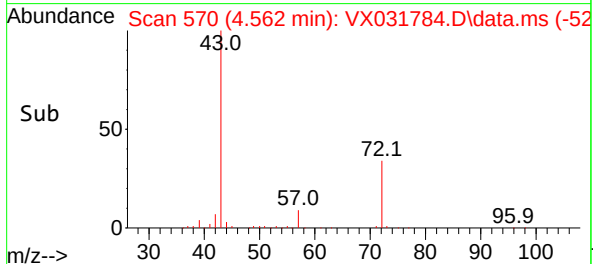
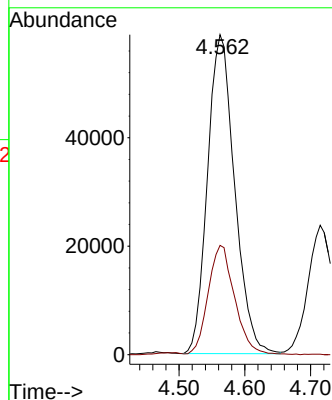
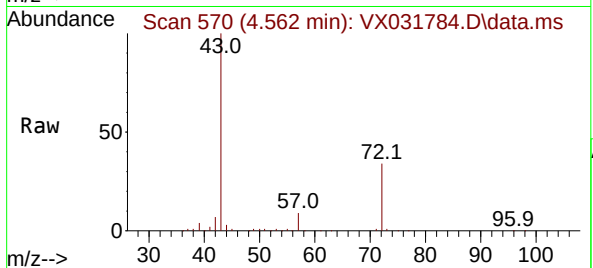
72 34.1 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 45.431 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031784.D

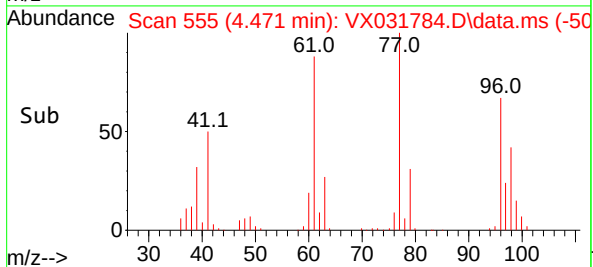
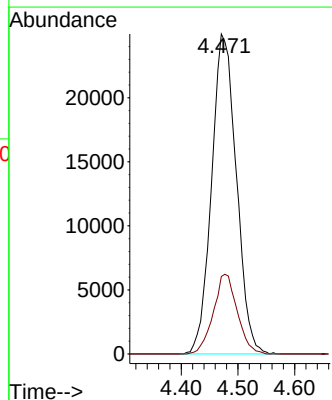
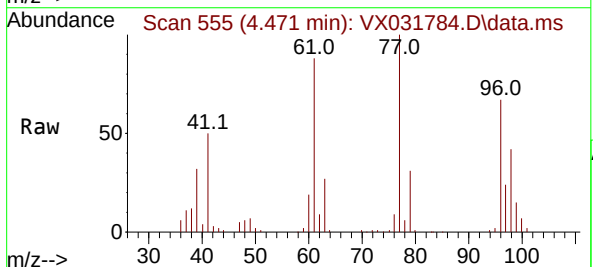
Acq: 29 Sep 2022 19:24

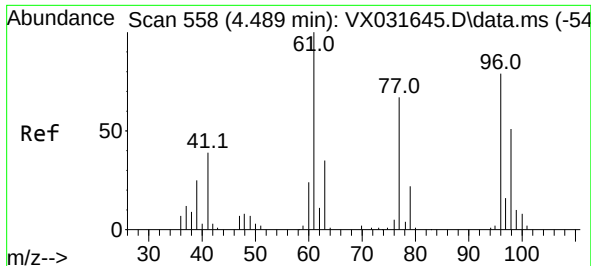
Tgt Ion: 77 Resp: 75739

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 51.331 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 96 Resp: 73124

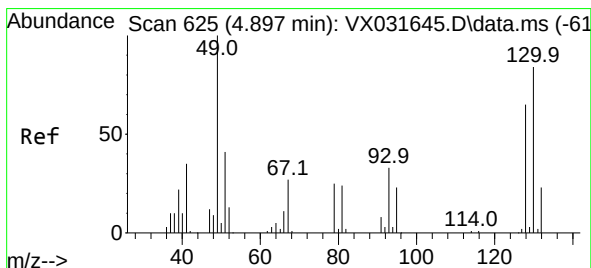
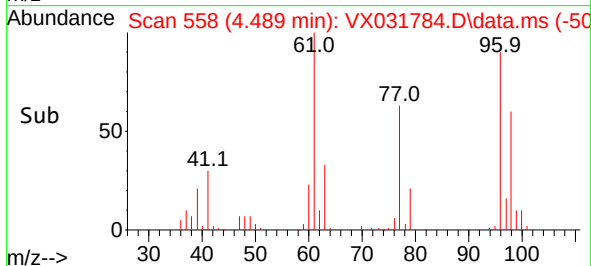
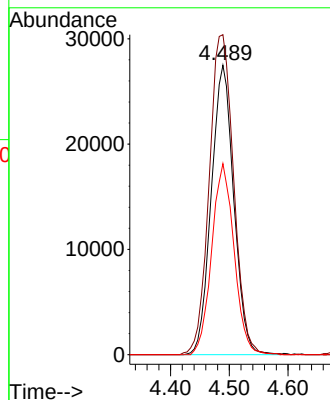
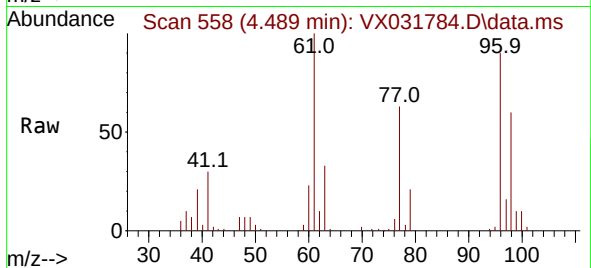
Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	305.2
98	65.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 41.969 ug/l

RT: 4.898 min Scan# 625

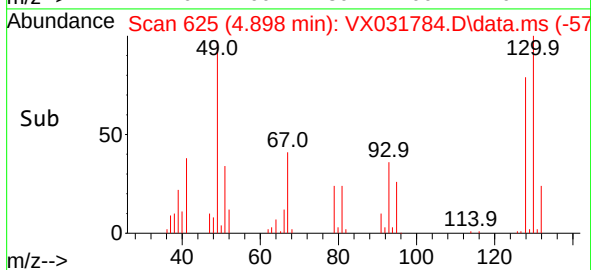
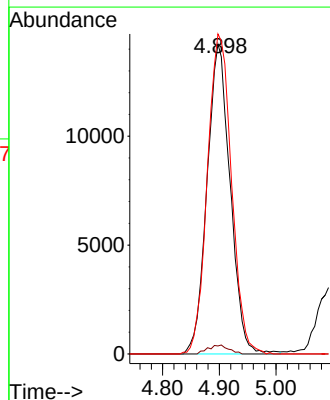
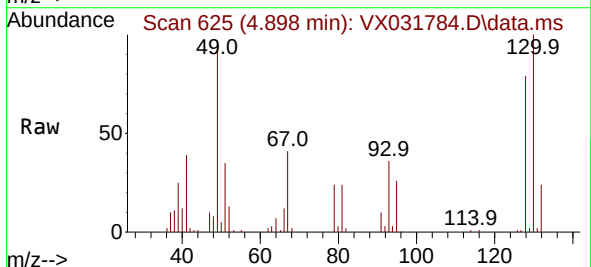
Delta R.T. -0.006 min

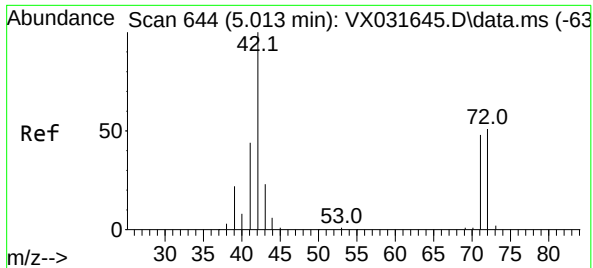
Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion: 49 Resp: 40326

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.6
130	107.4	59.0	88.4





#29

Tetrahydrofuran

Concen: 214.064 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 42 Resp: 10783

Ion Ratio Lower Upper

42 100

72 59.0 36.4 54.6

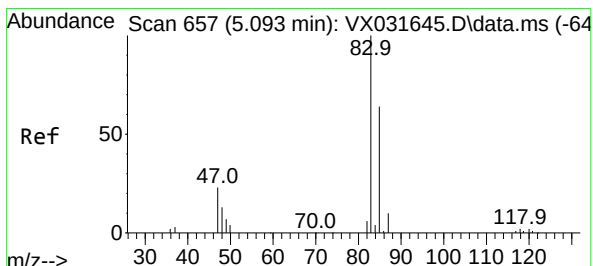
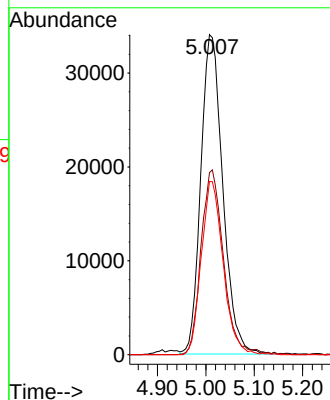
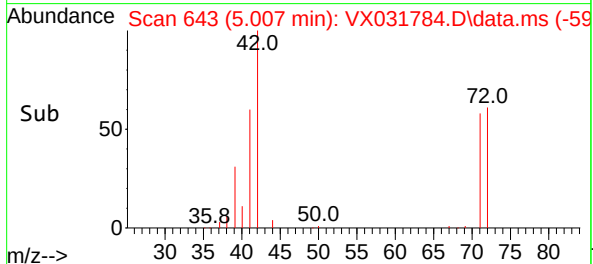
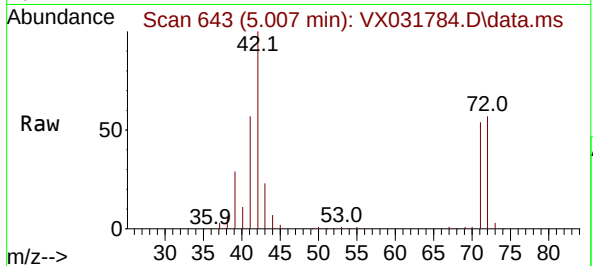
71 53.9 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 49.791 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX031784.D

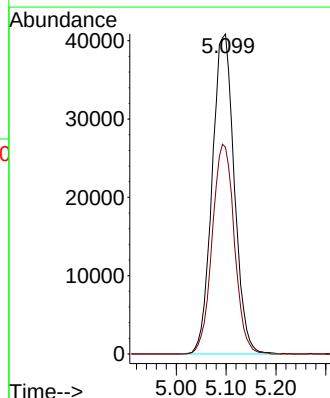
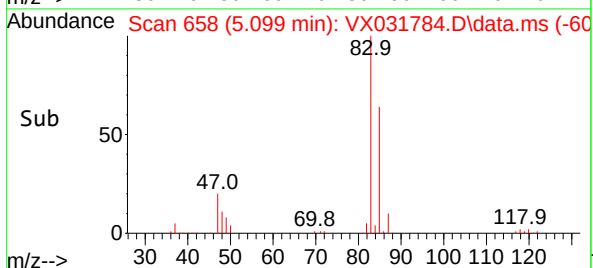
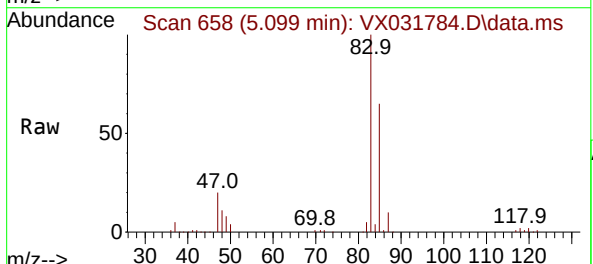
Acq: 29 Sep 2022 19:24

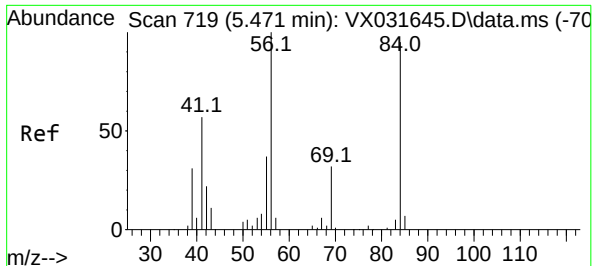
Tgt Ion: 83 Resp: 125814

Ion Ratio Lower Upper

83 100

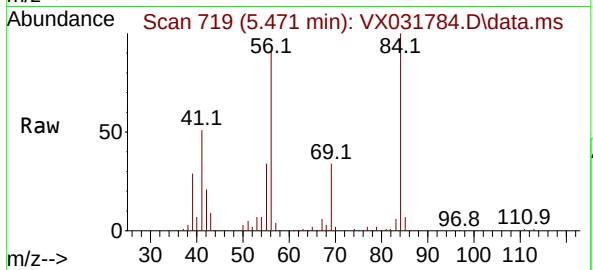
85 64.6 52.8 79.2





#31
Cyclohexane
Concen: 47.426 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

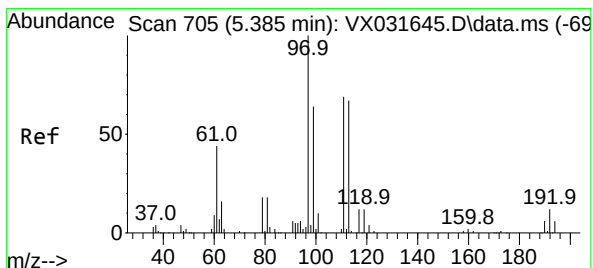
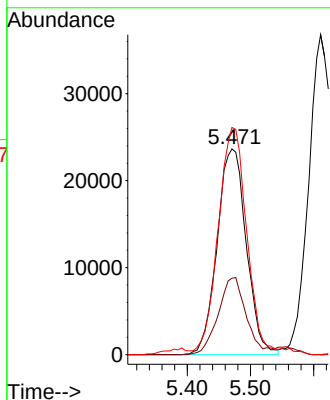
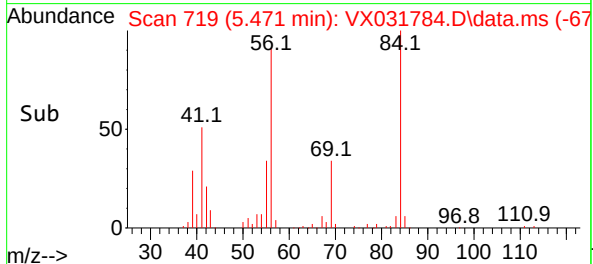
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 56 Resp: 7575
Ion Ratio Lower Upper
56 100
69 37.2 25.1 37.7
84 108.0 70.2 105.4

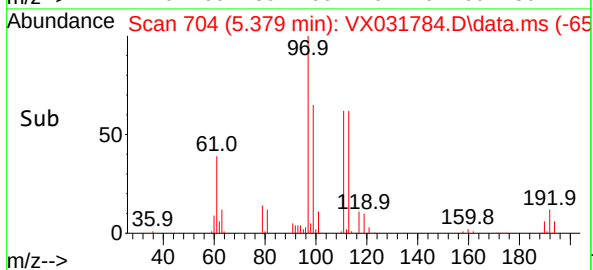
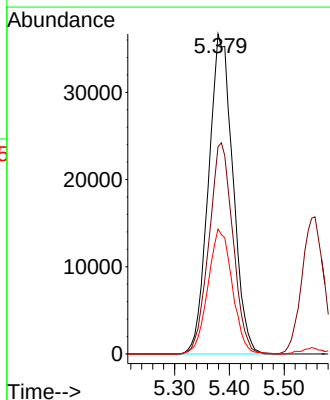
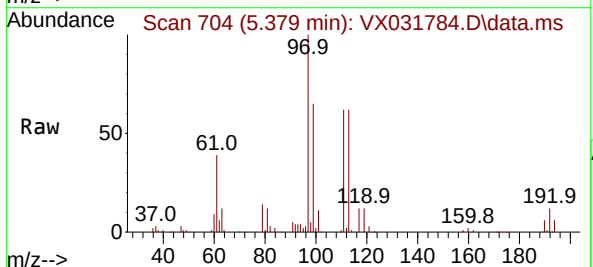
Manual Integrations
APPROVED

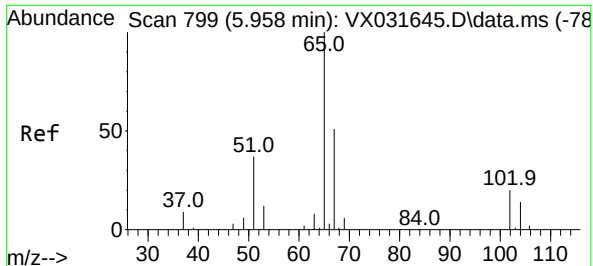
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 54.025 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion: 97 Resp: 113064
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 38.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 43.207 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 65 Resp: 7258

Ion Ratio Lower Upper

65 100

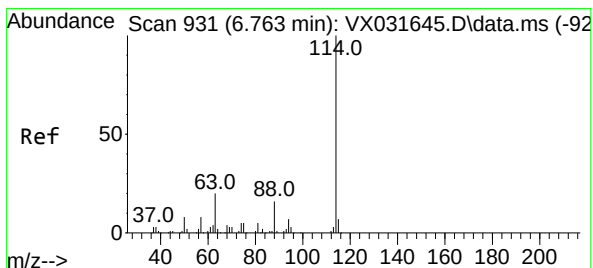
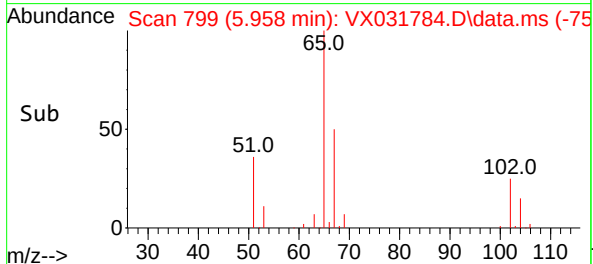
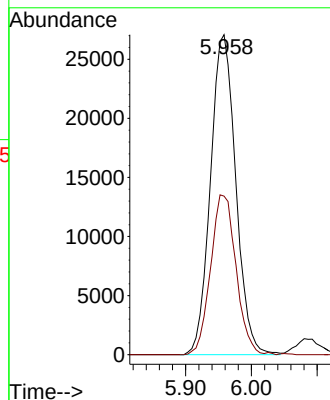
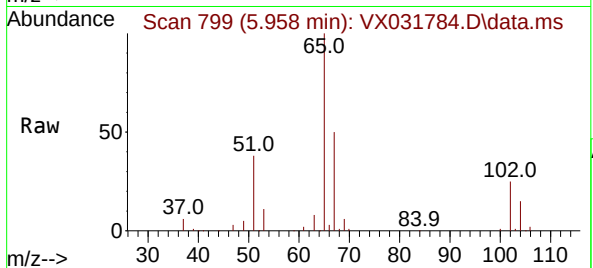
67 50.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

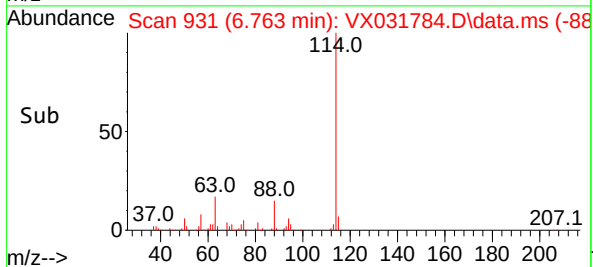
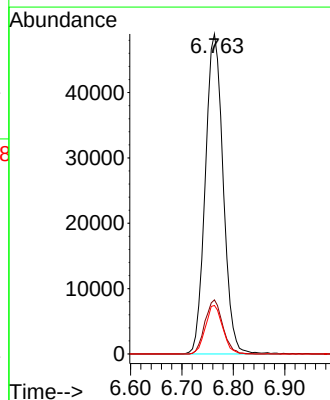
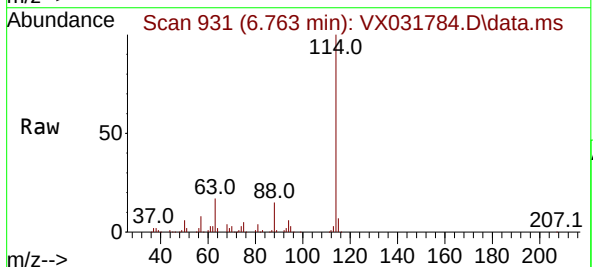
Tgt Ion:114 Resp: 118020

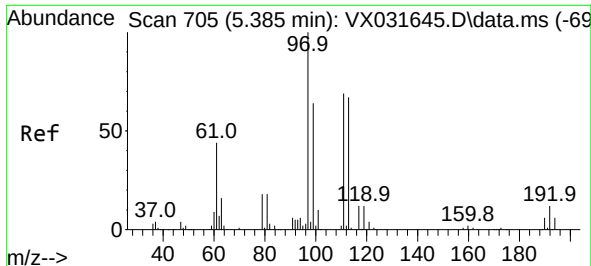
Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.6

88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031784.D

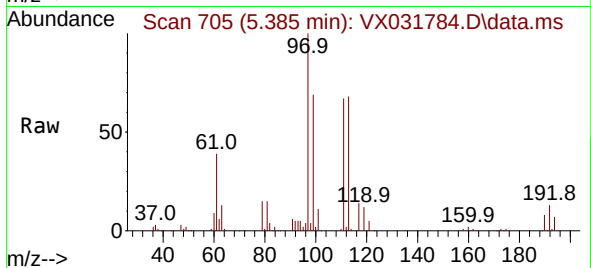
Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS



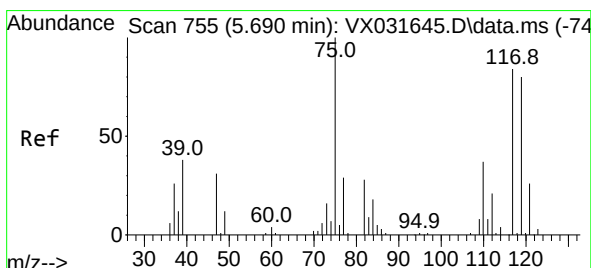
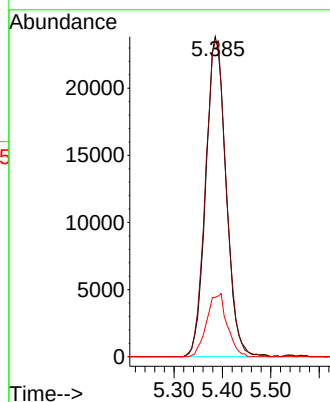
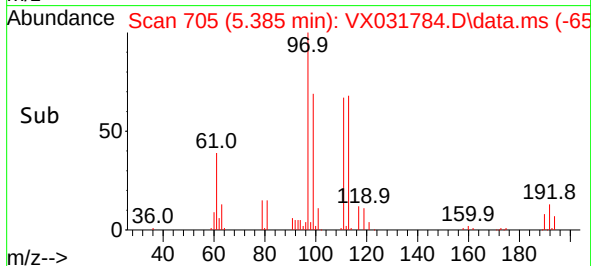
Tgt Ion:	113	Resp:	69408
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	19.9	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 50.169 ug/l

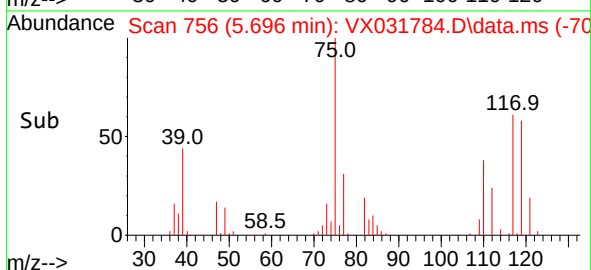
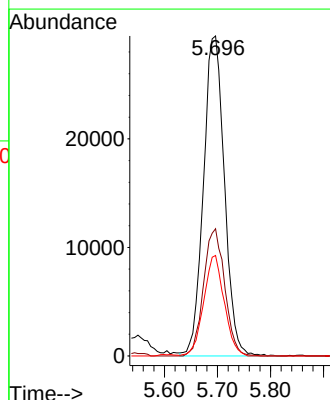
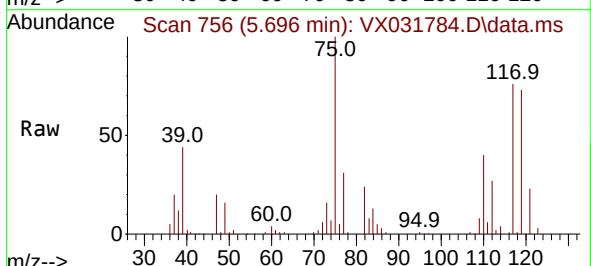
RT: 5.696 min Scan# 756

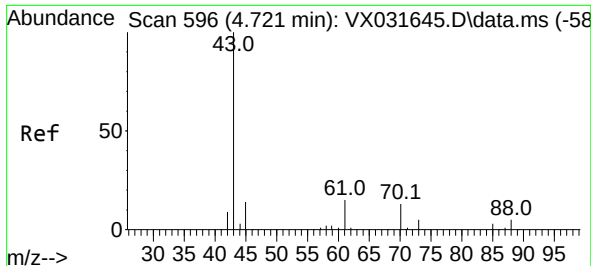
Delta R.T. 0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:	75	Resp:	81021
Ion	Ratio	Lower	Upper
75	100		
110	40.1	17.5	52.5
77	30.7	24.9	37.3





#37

Ethyl Acetate

Concen: 42.047 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

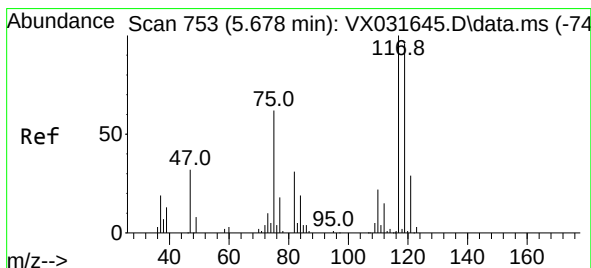
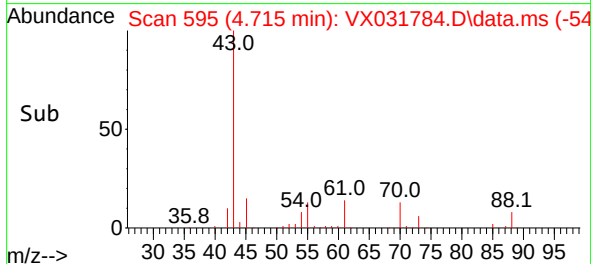
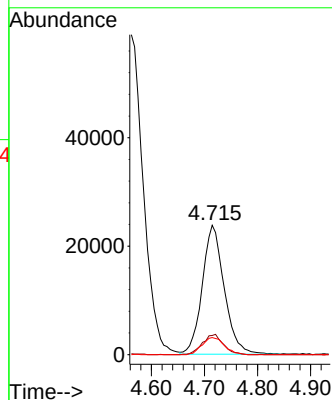
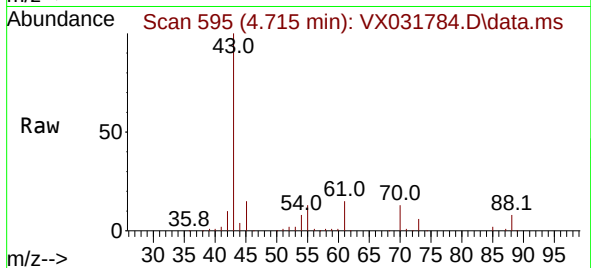
Tgt Ion: 43	Resp: 68492
Ion Ratio	Lower Upper
43 100	
61 15.0	11.1 16.7
70 13.4	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 54.853 ug/l

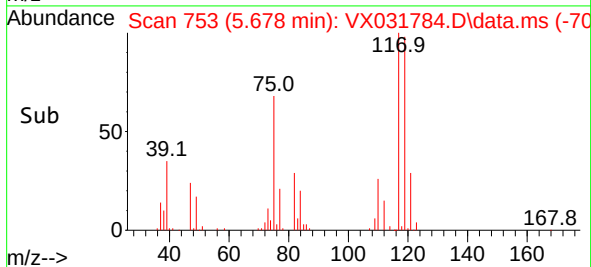
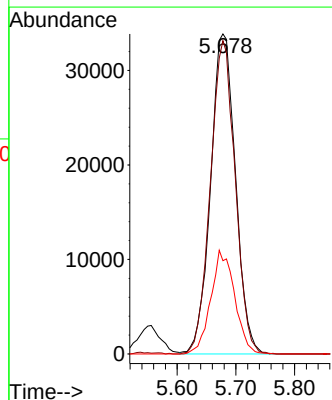
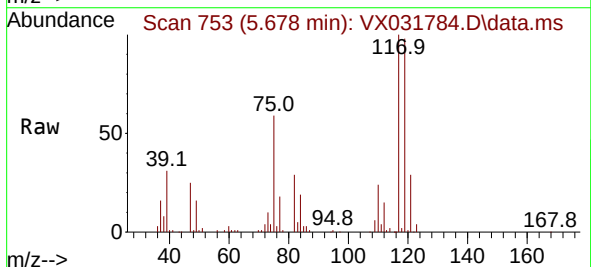
RT: 5.678 min Scan# 753

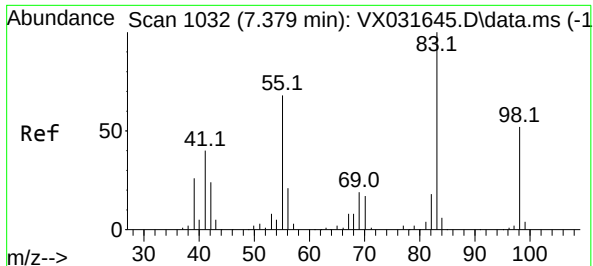
Delta R.T. -0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:117	Resp: 99835
Ion Ratio	Lower Upper
117 100	
119 97.9	74.6 112.0
121 29.1	25.3 37.9





#39

Methylcyclohexane

Concen: 52.248 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

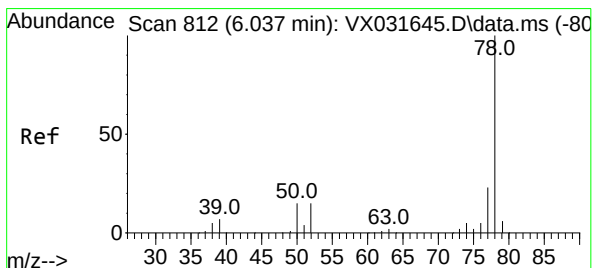
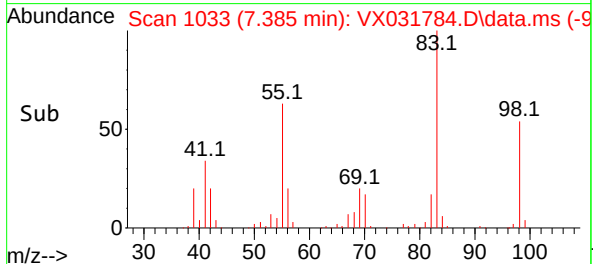
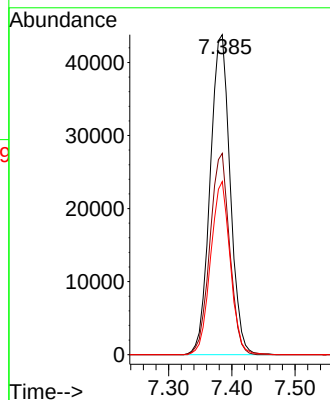
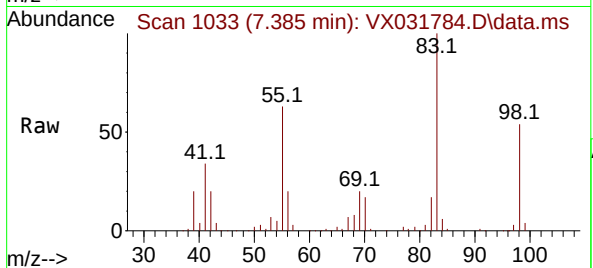
Tgt Ion: 83	Resp: 96138
Ion Ratio	Lower Upper
83 100	
55 62.9	61.0 91.4
98 54.1	37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 49.662 ug/l

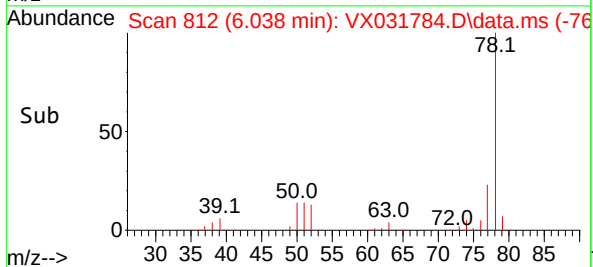
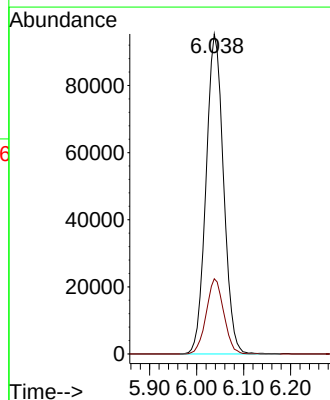
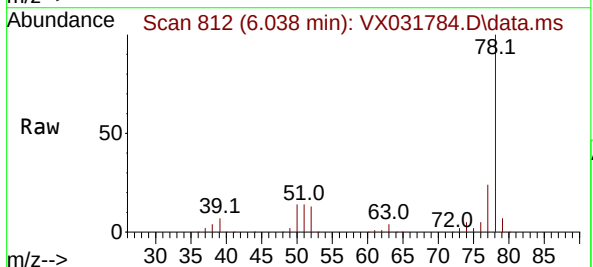
RT: 6.038 min Scan# 812

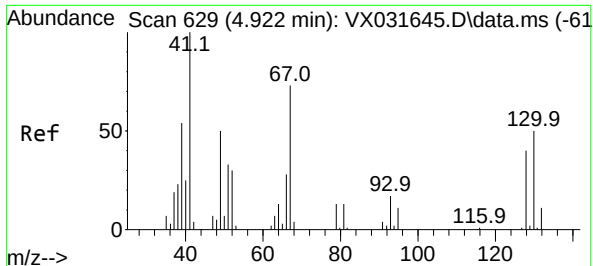
Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

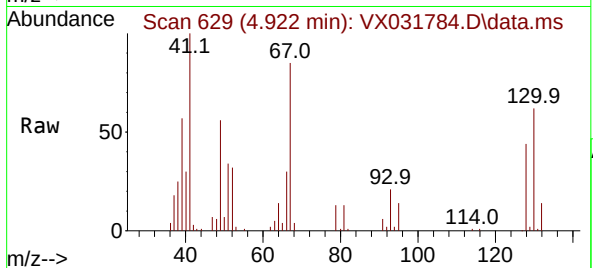
Tgt Ion: 78	Resp: 246324
Ion Ratio	Lower Upper
78 100	
77 23.5	18.7 28.1





#41
Methacrylonitrile
Concen: 44.434 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

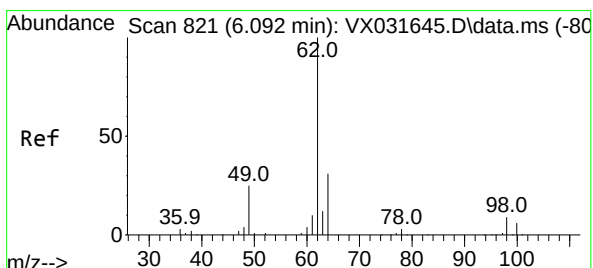
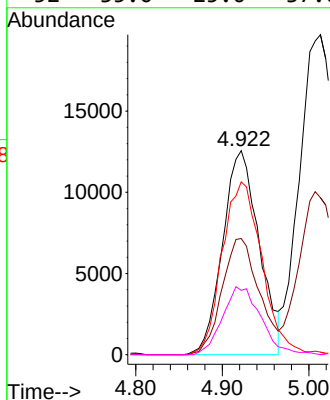
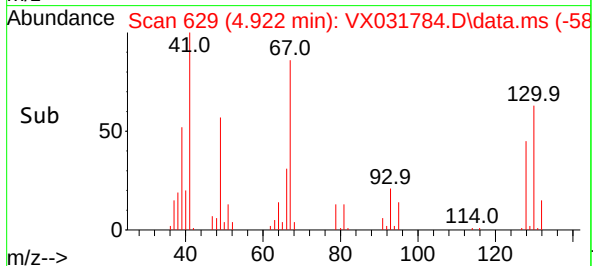
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 41 Resp: 36830
Ion Ratio Lower Upper
41 100
39 57.9 45.0 67.6
67 92.4 58.2 87.4
52 35.0 25.0 37.6

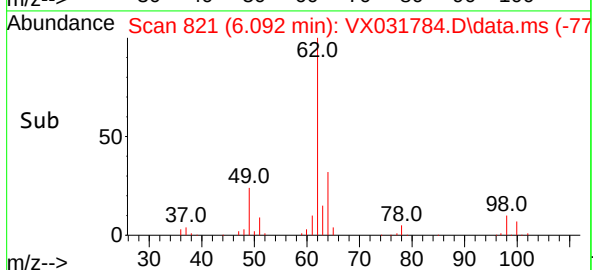
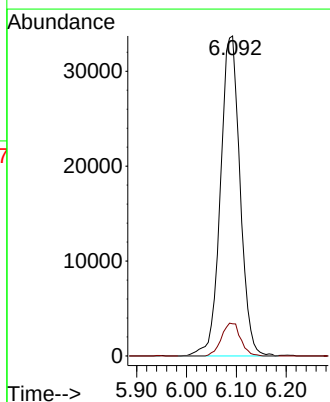
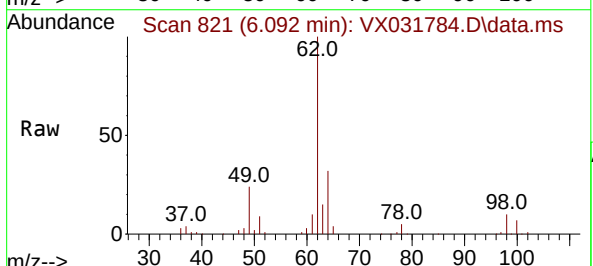
Manual Integrations
APPROVED

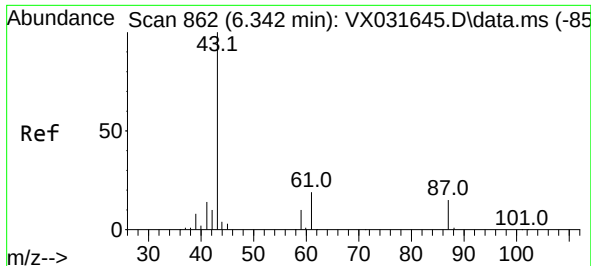
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 47.950 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion: 62 Resp: 91981
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 45.430 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 43 Resp: 11647

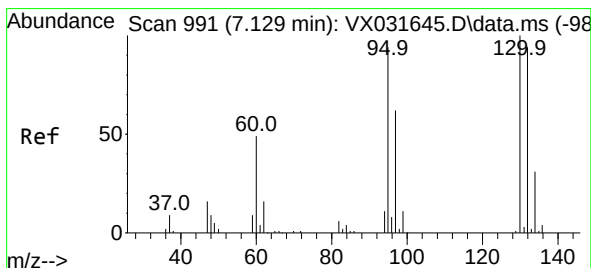
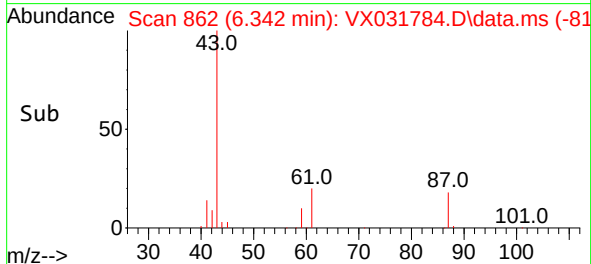
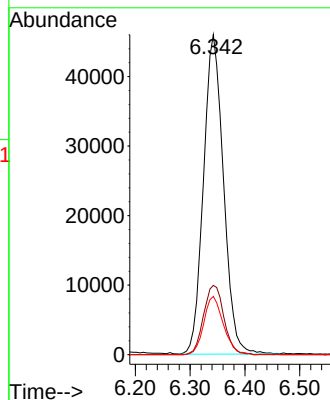
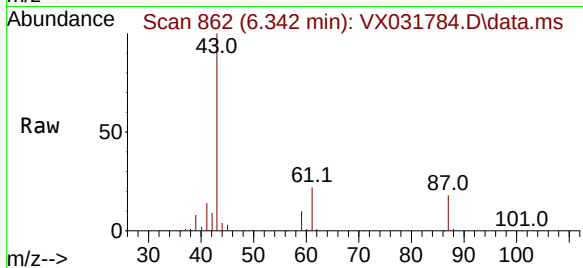
Ion	Ratio	Lower	Upper
43	100		
61	22.0	15.3	22.9
87	17.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 55.140 ug/l

RT: 7.129 min Scan# 991

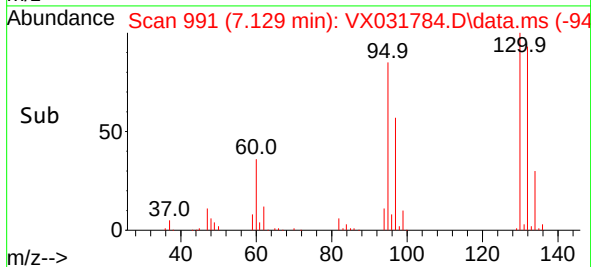
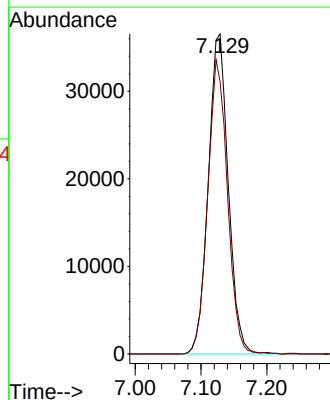
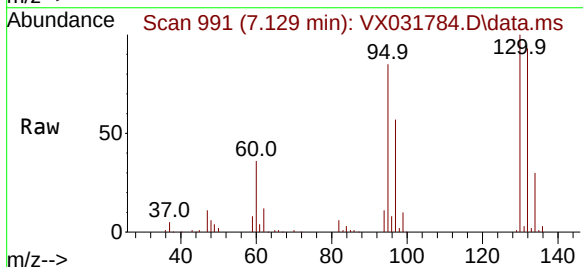
Delta R.T. -0.000 min

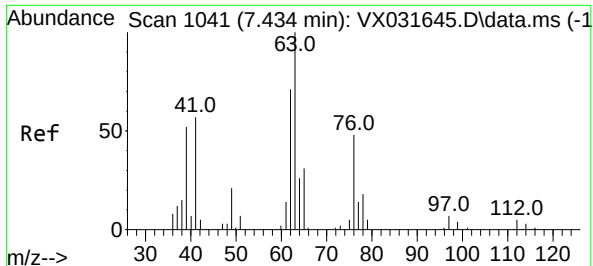
Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:130 Resp: 77250

Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	206.8





#45

1,2-Dichloropropane

Concen: 49.915 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 63 Resp: 6008

Ion Ratio Lower Upper

63 100

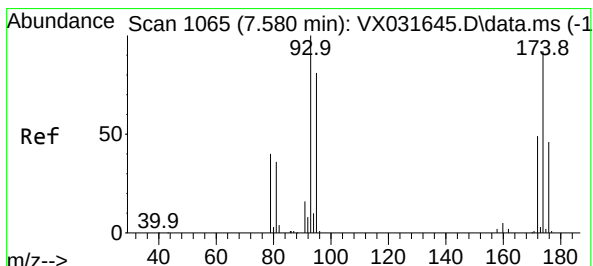
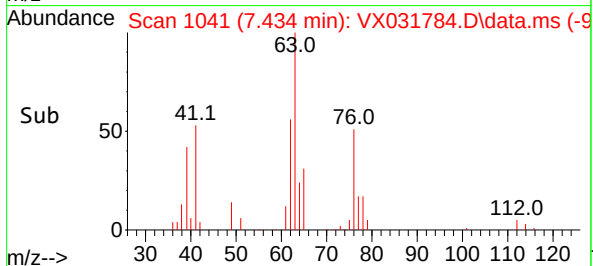
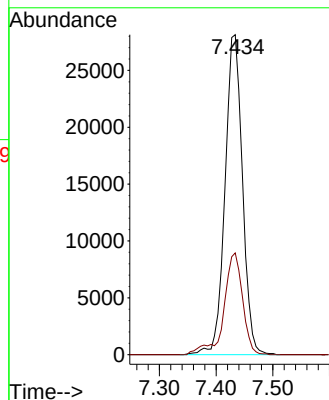
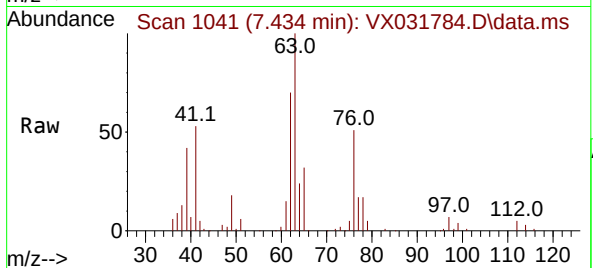
65 31.8 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 51.355 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

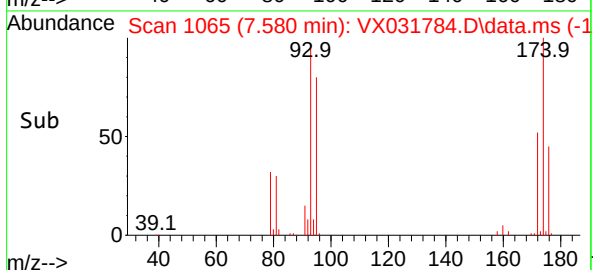
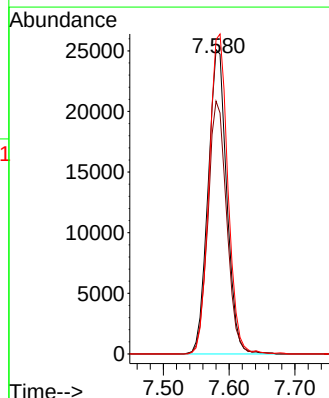
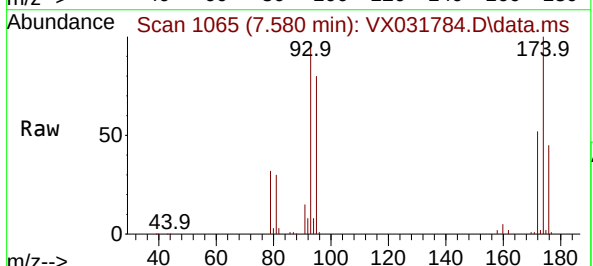
Tgt Ion: 93 Resp: 49647

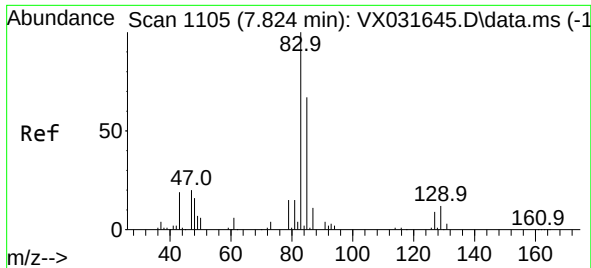
Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

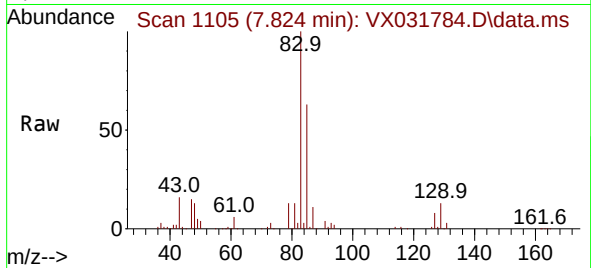
174 105.5 67.6 101.4#





#47
Bromodichloromethane
Concen: 54.719 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

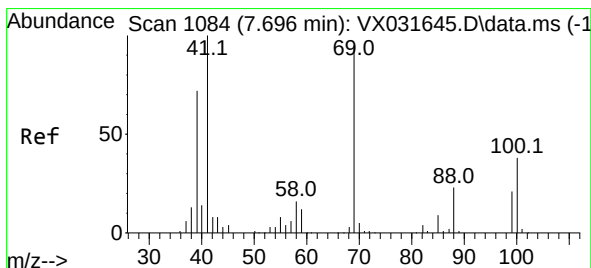
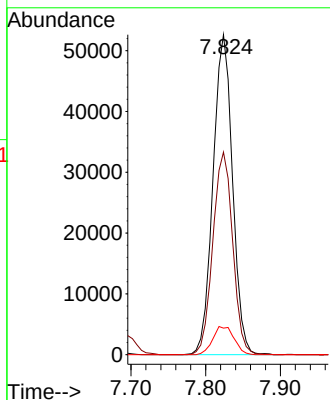
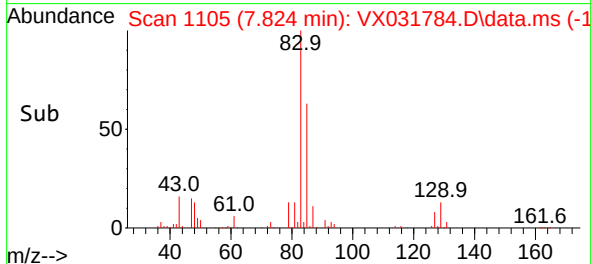
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



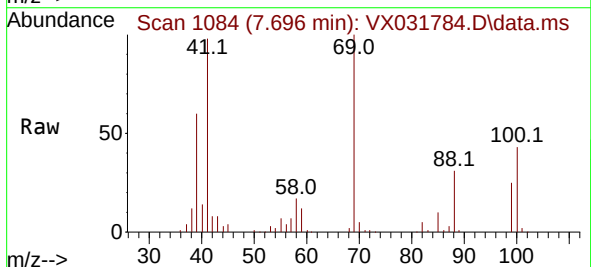
Tgt Ion: 83 Resp: 95458
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.3 7.0 10.6

Manual Integrations
APPROVED

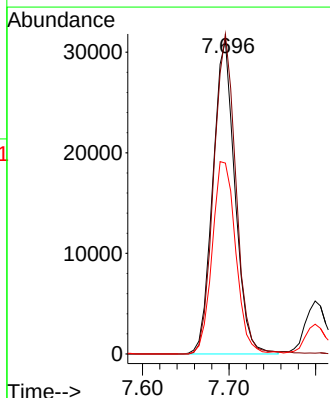
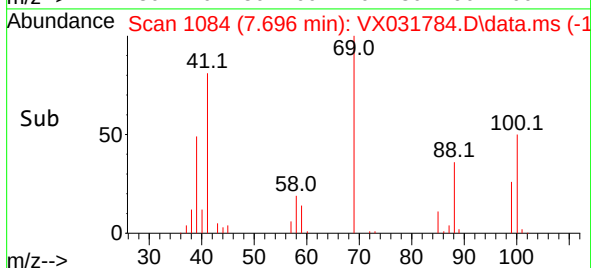
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

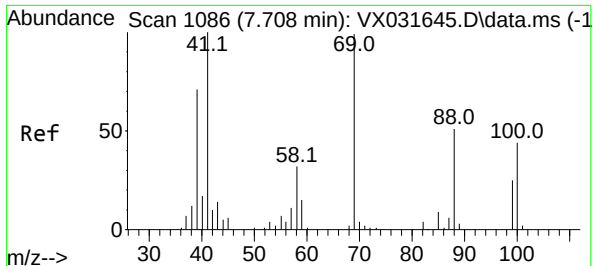


#48
Methyl methacrylate
Concen: 49.121 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



Tgt Ion: 41 Resp: 55385
Ion Ratio Lower Upper
41 100
69 102.1 64.6 96.8#
39 64.8 51.4 77.0





#49

1,4-Dioxane

Concen: 1006.574 ug/l

RT: 7.696 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

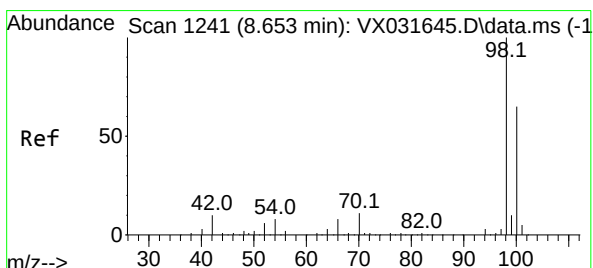
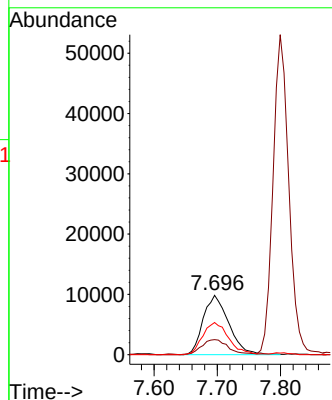
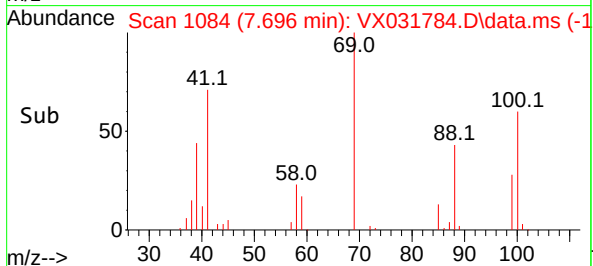
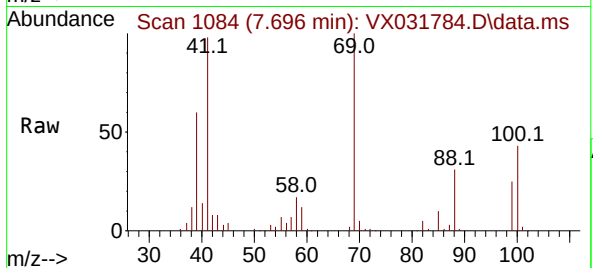
Tgt Ion:	88	Resp:	2760
Ion Ratio	Lower	Upper	
88	100		
43	26.4	27.1	40.7
58	55.0	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 48.454 ug/l

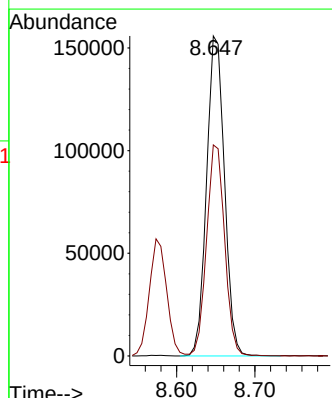
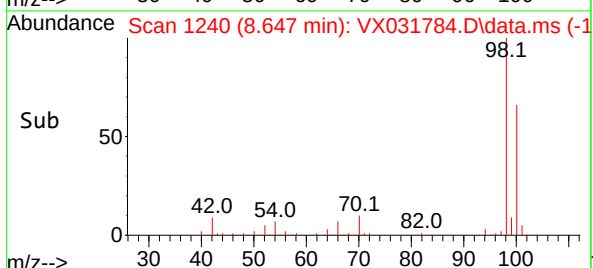
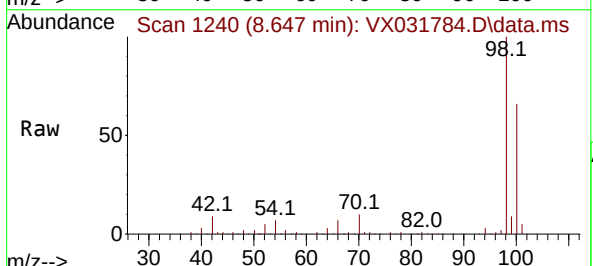
RT: 8.647 min Scan# 1240

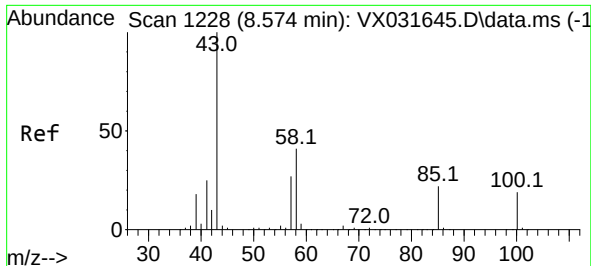
Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:	98	Resp:	247027
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 227.909 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 43 Resp: 369850

Ion Ratio Lower Upper

43 100

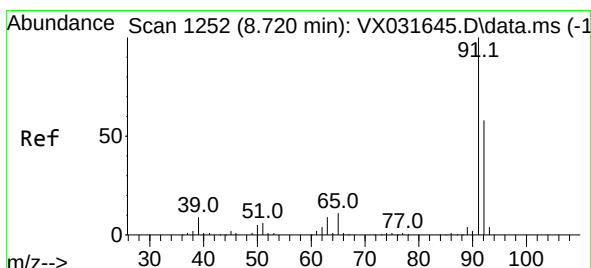
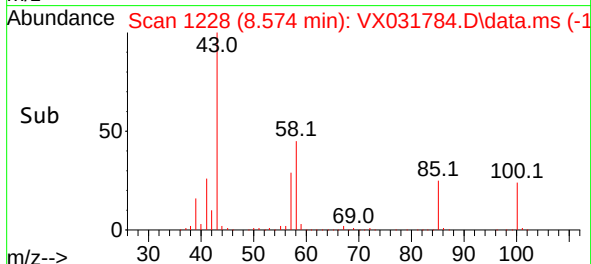
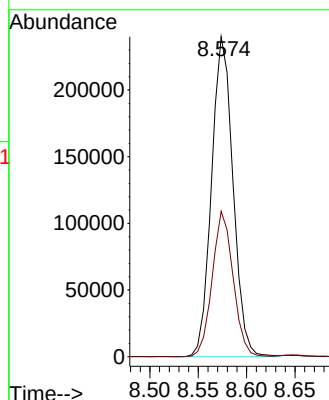
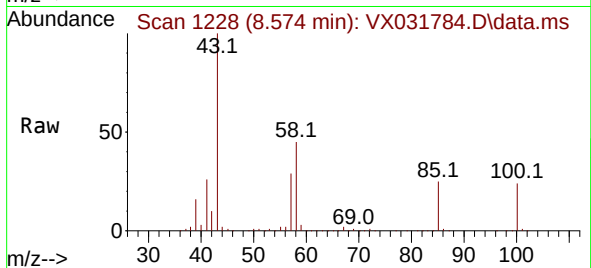
58 44.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#52

Toluene

Concen: 53.696 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031784.D

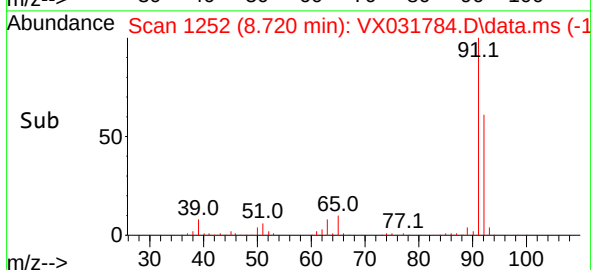
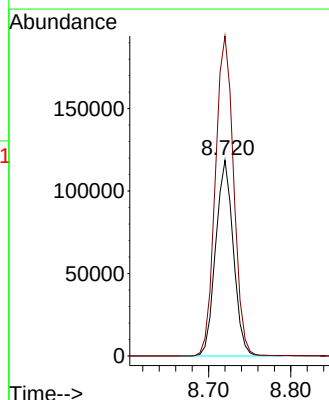
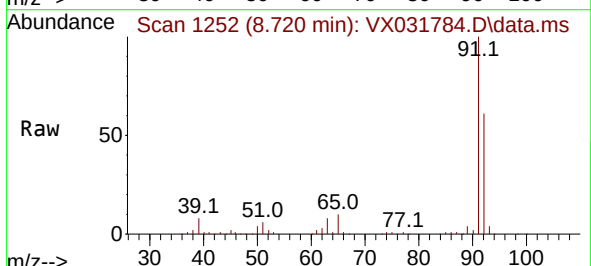
Acq: 29 Sep 2022 19:24

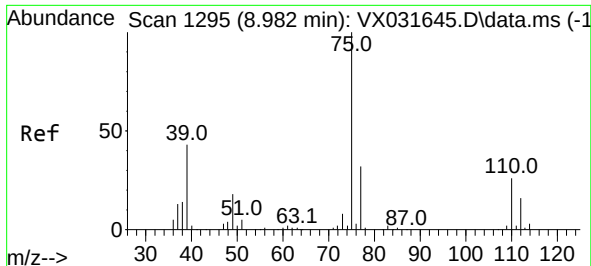
Tgt Ion: 92 Resp: 177534

Ion Ratio Lower Upper

92 100

91 169.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 46.586 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 75 Resp: 9359

Ion Ratio Lower Upper

75 100

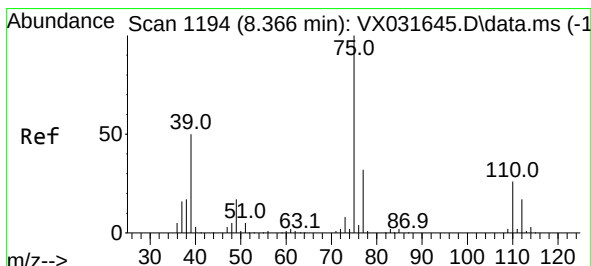
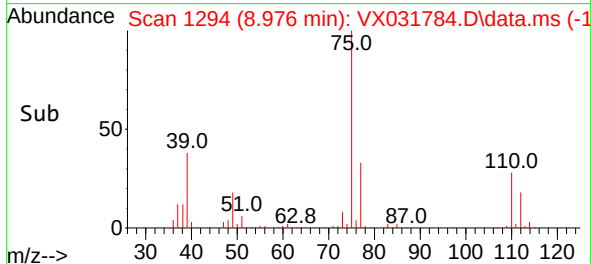
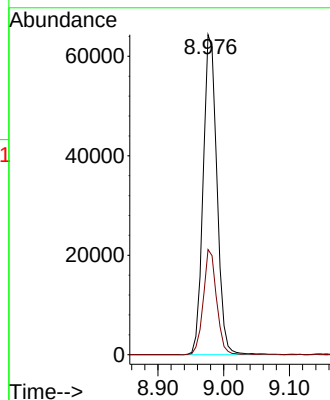
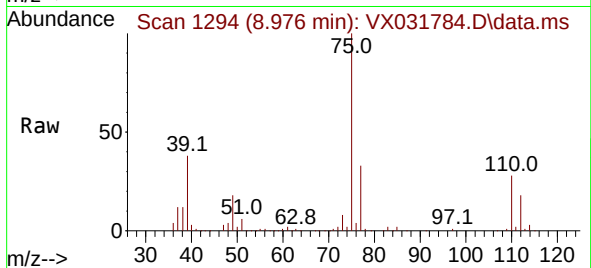
77 32.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 53.929 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

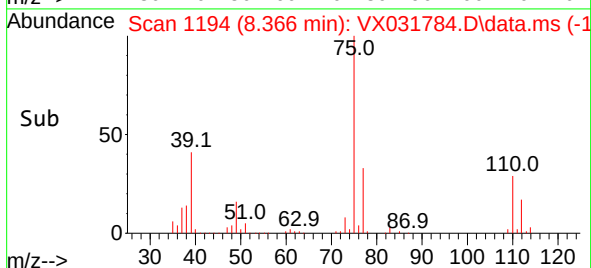
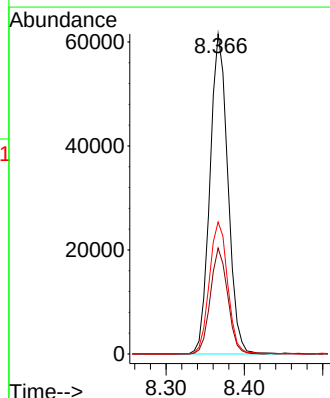
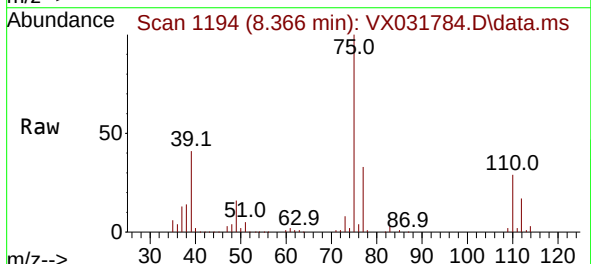
Tgt Ion: 75 Resp: 97771

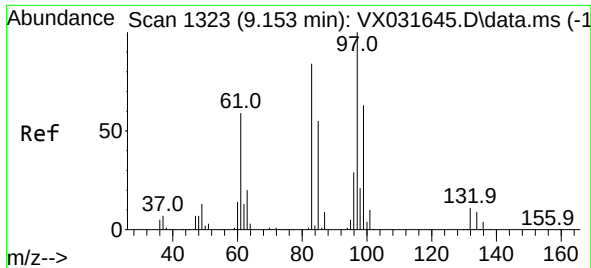
Ion Ratio Lower Upper

75 100

77 33.1 24.4 36.6

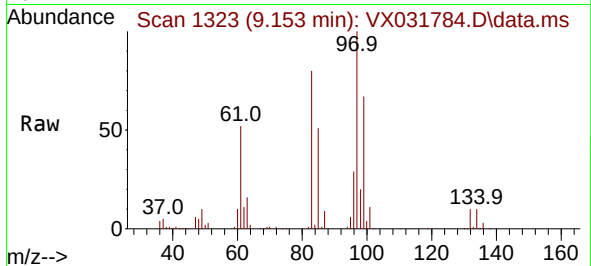
39 41.2 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 53.671 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

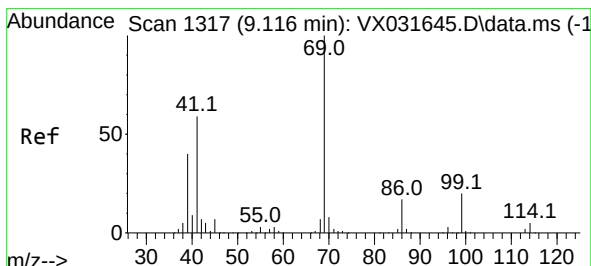
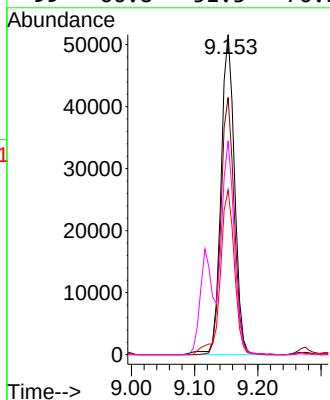
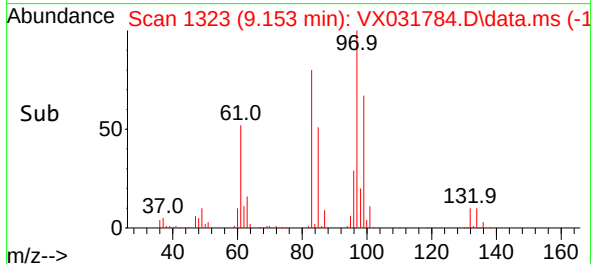
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



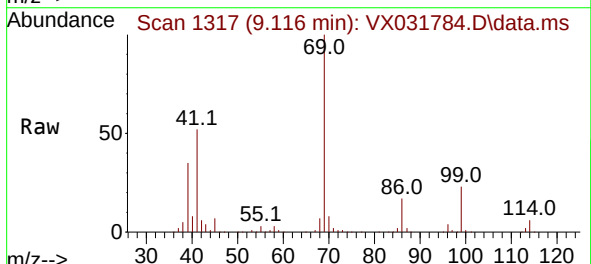
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.0	103.6
85	51.5	44.1	66.1
99	66.8	51.3	76.9

Manual Integrations
APPROVED

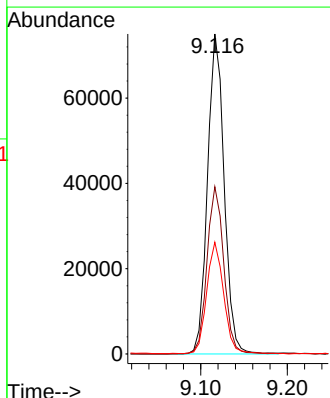
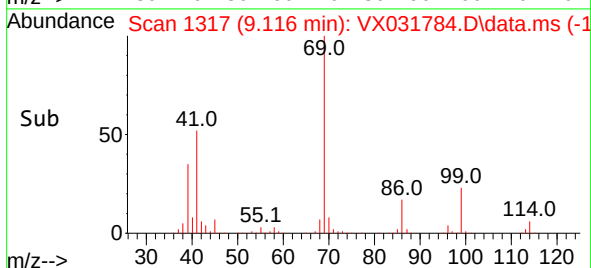
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

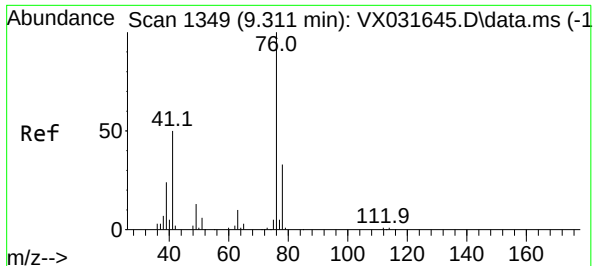


#56
Ethyl methacrylate
Concen: 55.040 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.8	54.2	81.4#
39	36.2	34.2	51.2





#57

1,3-Dichloropropane

Concen: 51.022 ug/l

RT: 9.311 min Scan# 11502

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 76 Resp: 11502

Ion Ratio Lower Upper

76 100

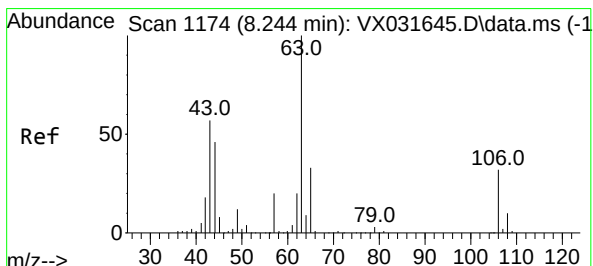
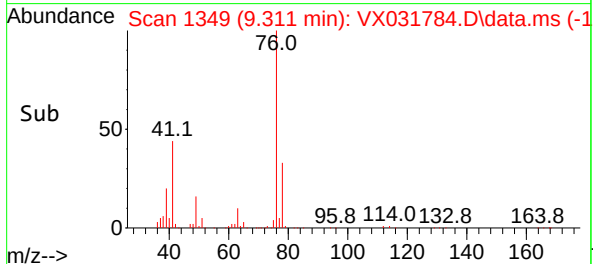
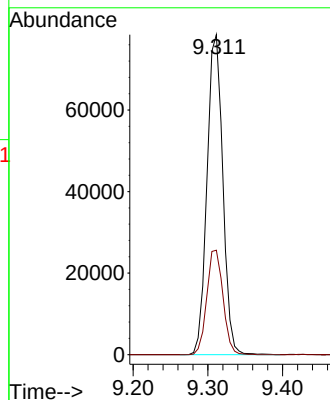
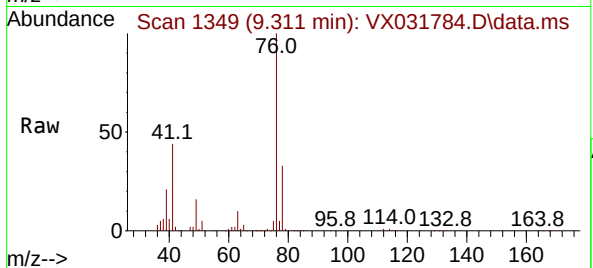
78 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 0.710 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.122 min

Lab File: VX031784.D

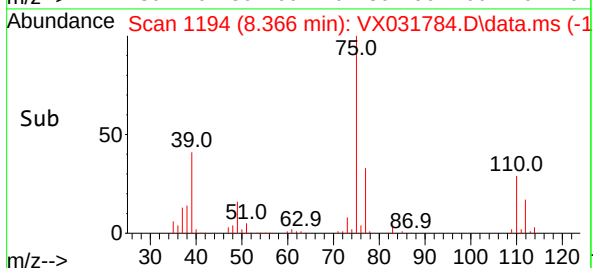
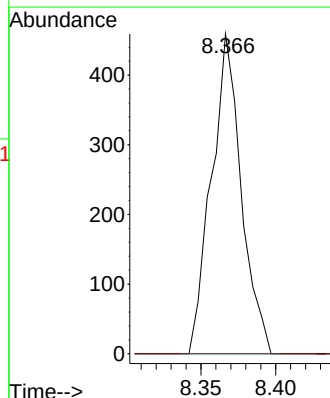
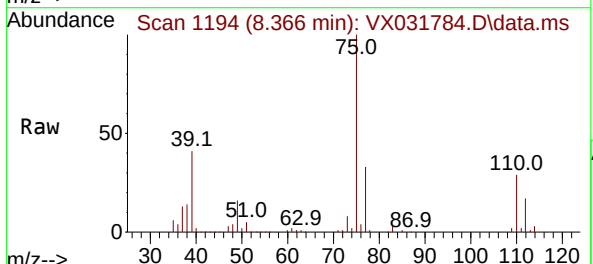
Acq: 29 Sep 2022 19:24

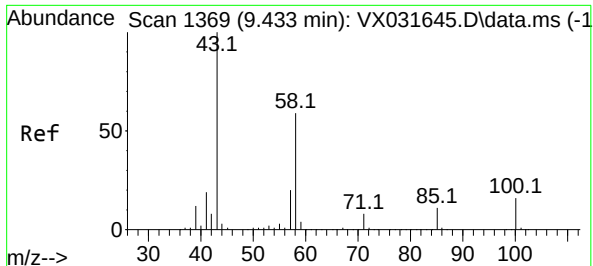
Tgt Ion: 63 Resp: 637

Ion Ratio Lower Upper

63 100

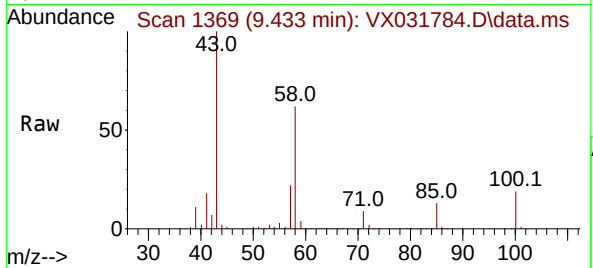
106 0.0 22.6 34.0#





#59
2-Hexanone
Concen: 226.616 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

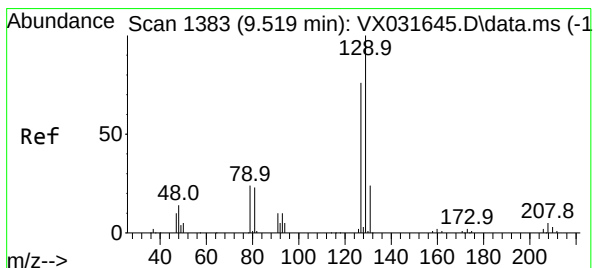
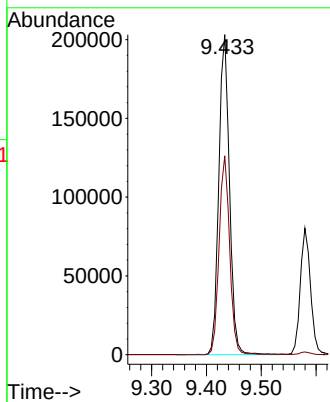
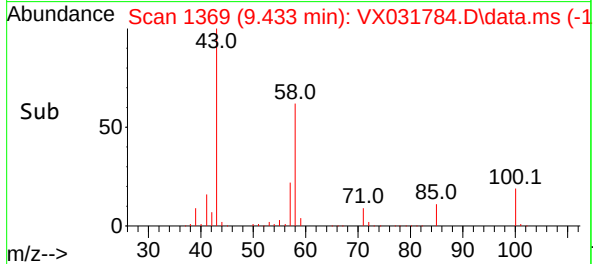
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 43 Resp: 27438
Ion Ratio Lower Upper
43 100
58 61.8 26.7 80.0

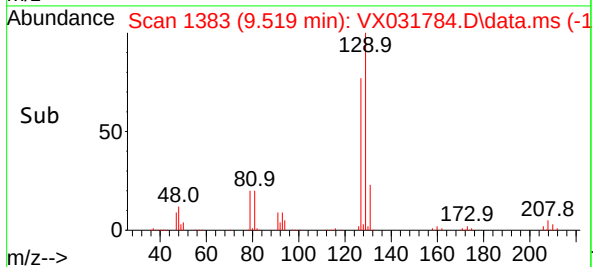
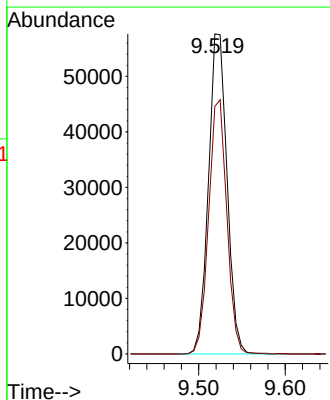
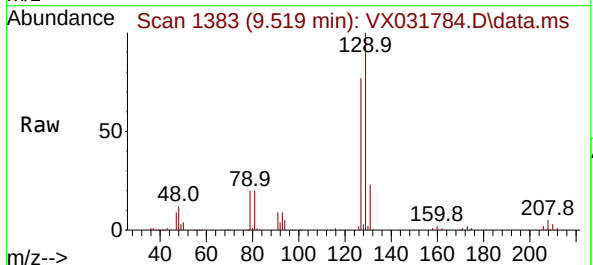
Manual Integrations
APPROVED

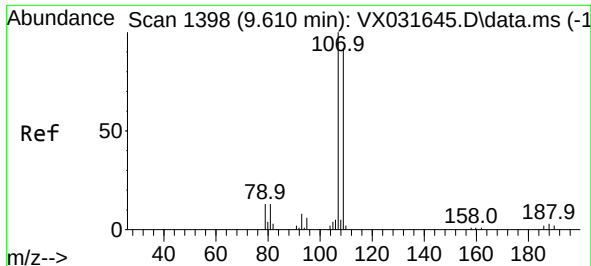
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

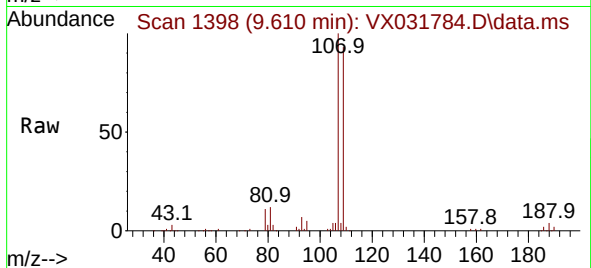
Tgt Ion:129 Resp: 85910
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 57.403 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

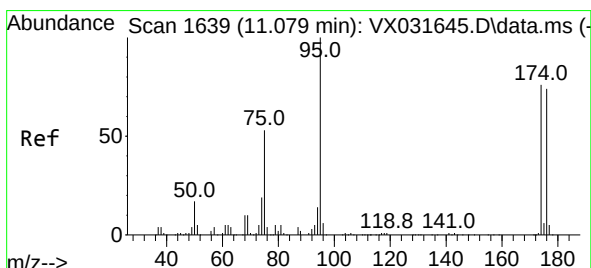
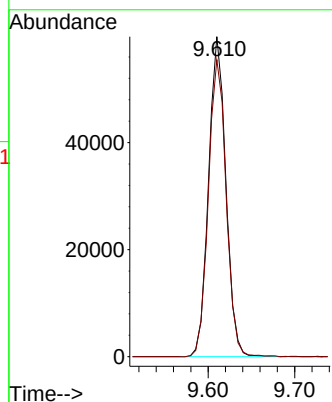
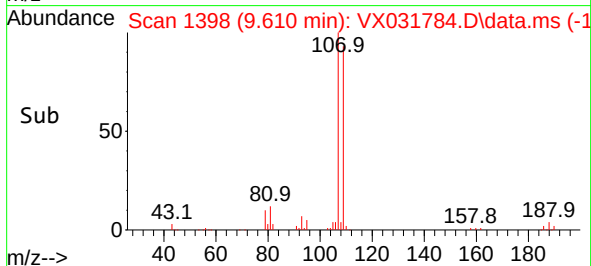
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



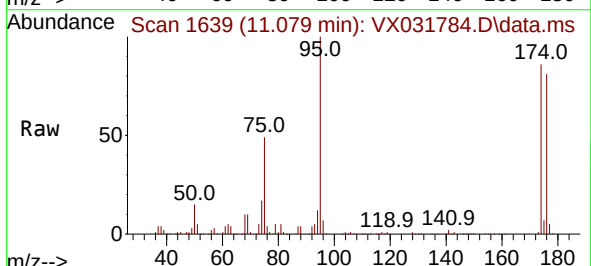
Tgt Ion:107 Resp: 8294
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

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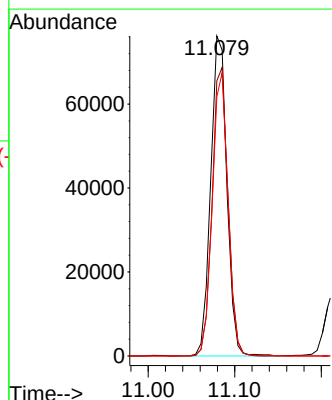
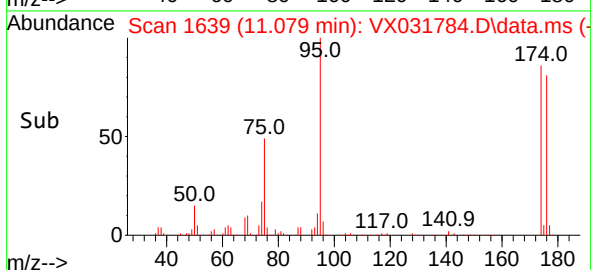
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

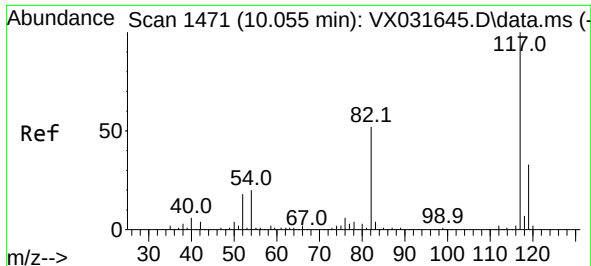


#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



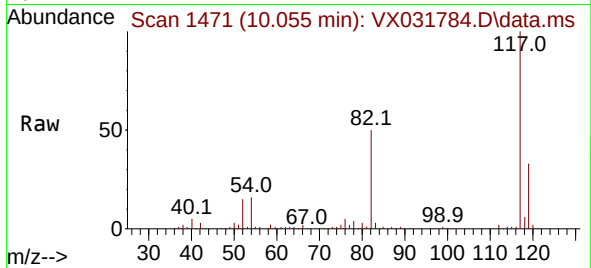
Tgt Ion: 95 Resp: 99021
Ion Ratio Lower Upper
95 100
174 88.3 0.0 153.2
176 86.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

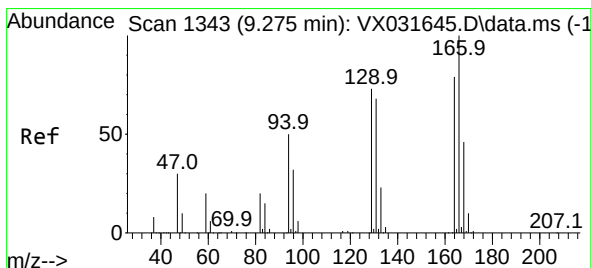
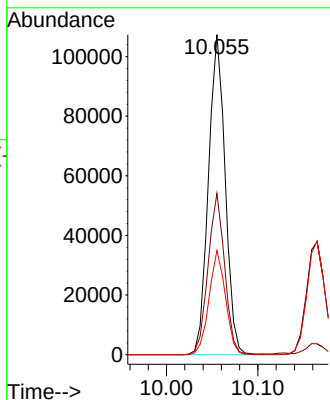
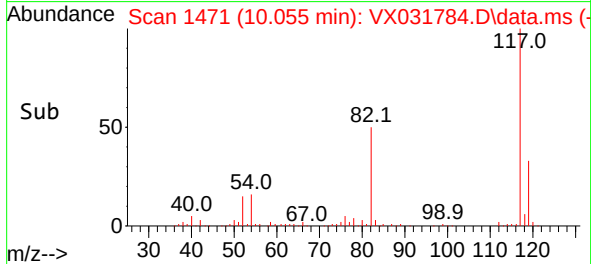
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:117 Resp: 136182
Ion Ratio Lower Upper
117 100
82 50.4 46.8 70.2
119 32.6 26.4 39.6

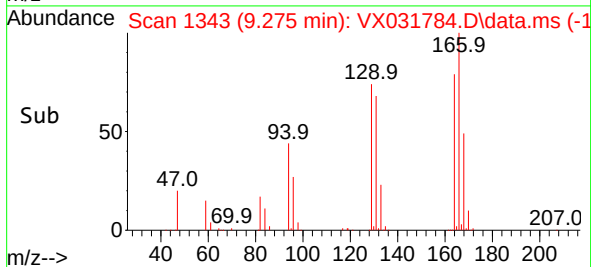
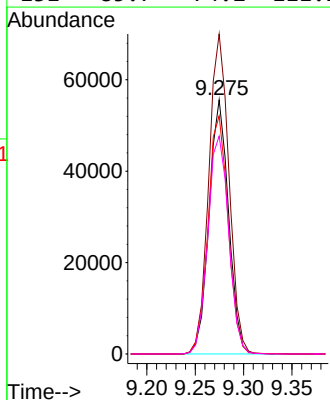
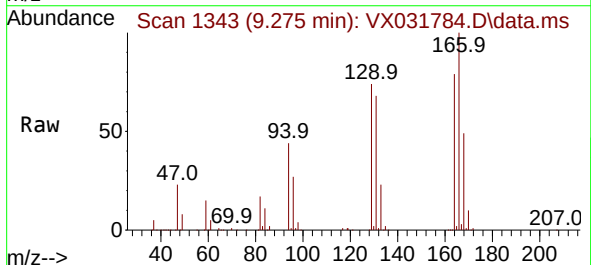
Manual Integrations
APPROVED

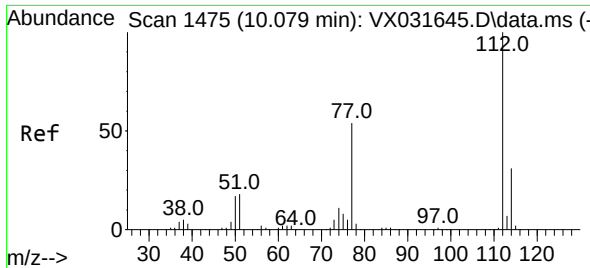
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 53.599 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

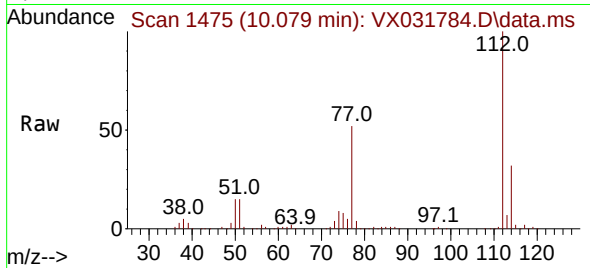
Tgt Ion:164 Resp: 78019
Ion Ratio Lower Upper
164 100
166 125.9 99.0 148.4
129 93.7 78.0 117.0
131 85.7 74.2 111.2





#65
Chlorobenzene
Concen: 54.520 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

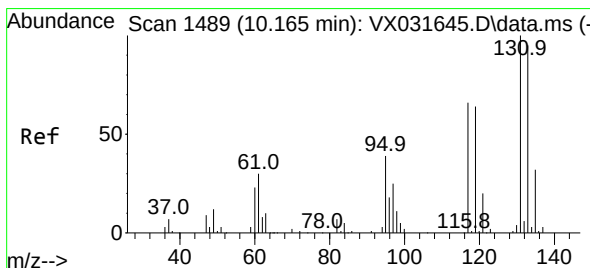
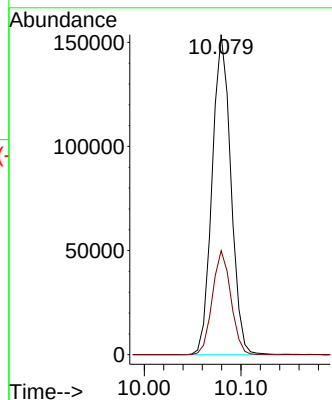
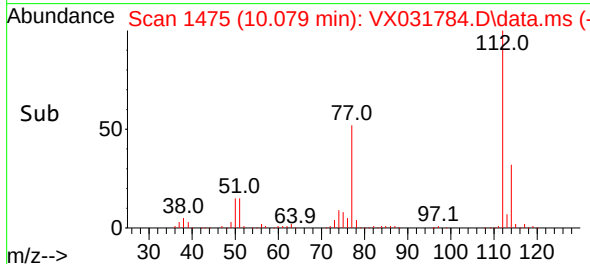
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:112 Resp: 206849
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

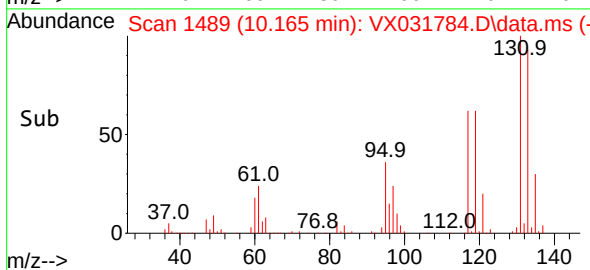
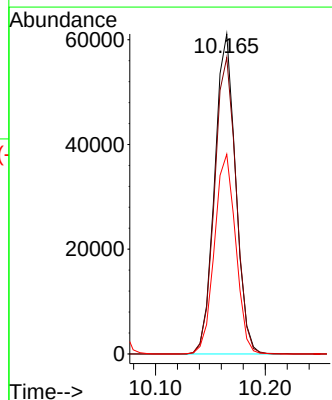
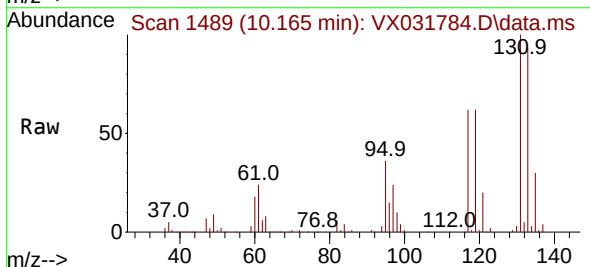
Manual Integrations
APPROVED

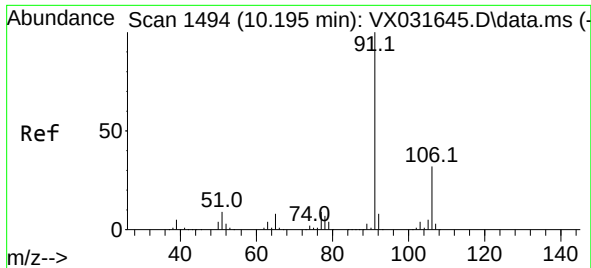
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 59.467 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

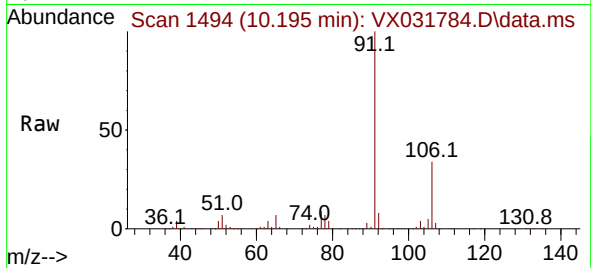
Tgt Ion:131 Resp: 81179
Ion Ratio Lower Upper
131 100
133 95.5 46.6 139.7
119 63.3 31.9 95.9





#67
Ethyl Benzene
Concen: 53.273 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

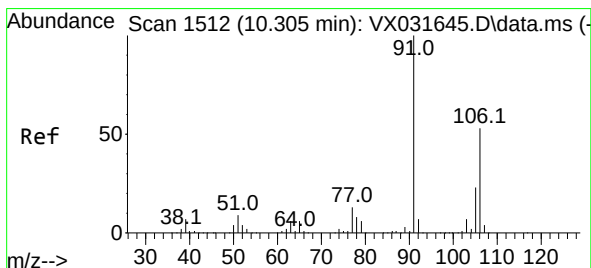
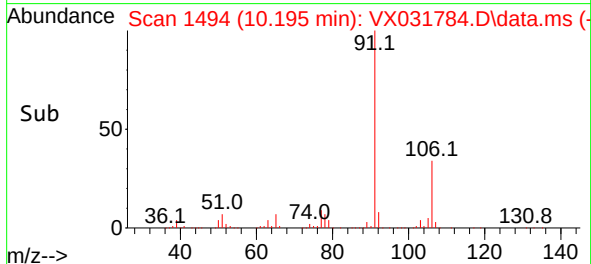
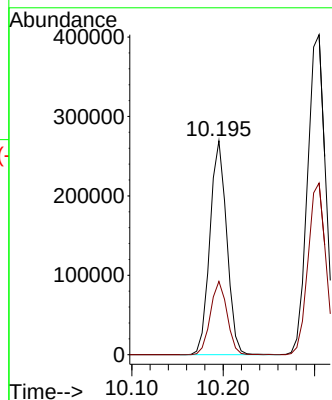
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 91 Resp: 34382
Ion Ratio Lower Upper
91 100
106 34.3 25.2 37.8

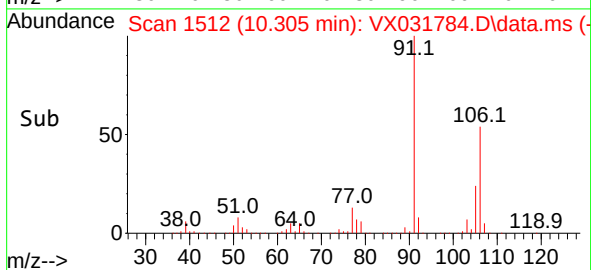
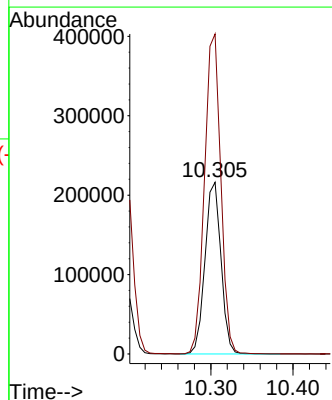
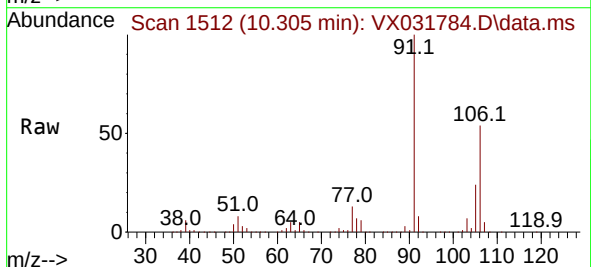
Manual Integrations
APPROVED

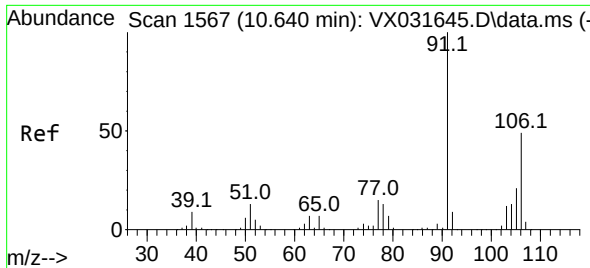
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 112.754 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion:106 Resp: 292390
Ion Ratio Lower Upper
106 100
91 189.3 161.0 241.4





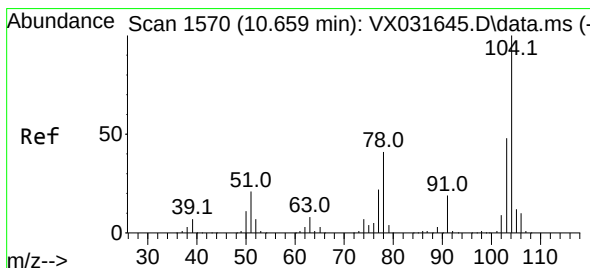
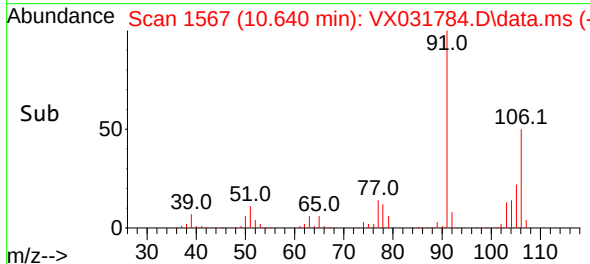
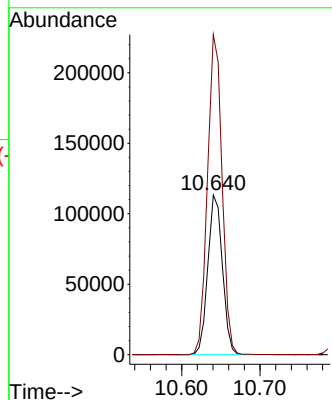
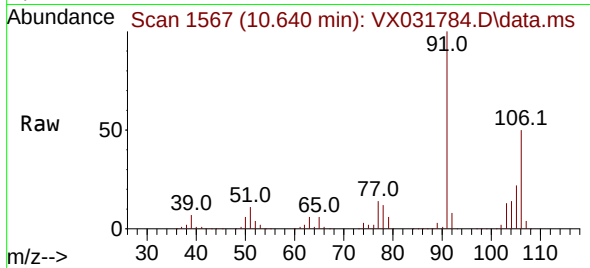
#69
o-Xylene
Concen: 57.682 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion:106 Resp: 146209
Ion Ratio Lower Upper
106 100
91 200.0 107.2 321.6

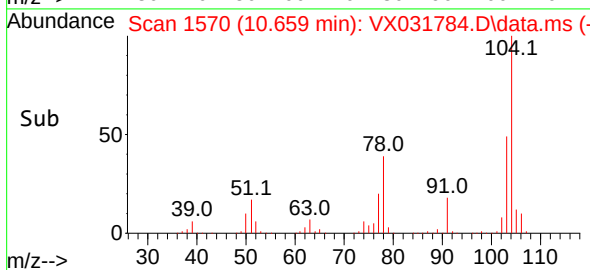
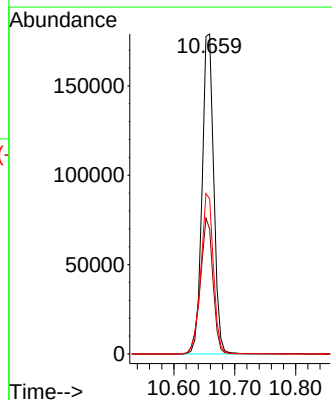
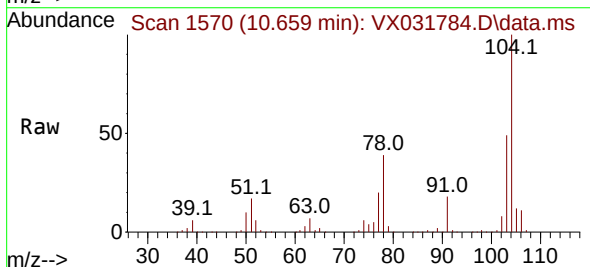
Manual Integrations
APPROVED

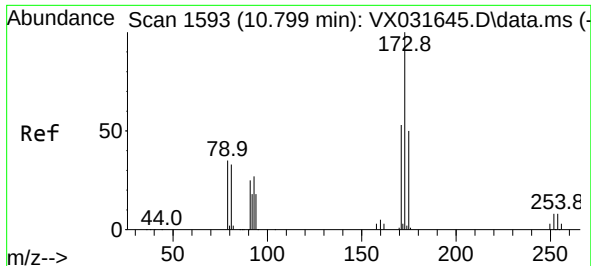
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 57.837 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

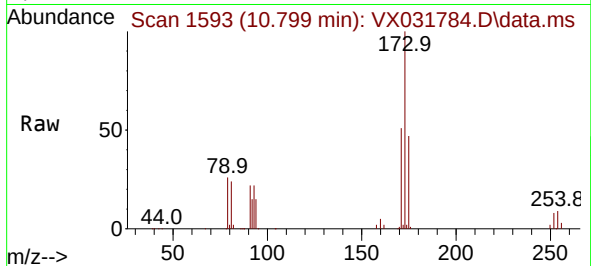
Tgt Ion:104 Resp: 238626
Ion Ratio Lower Upper
104 100
78 45.8 41.4 62.2
103 54.3 43.8 65.8





#71
Bromoform
Concen: 53.813 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

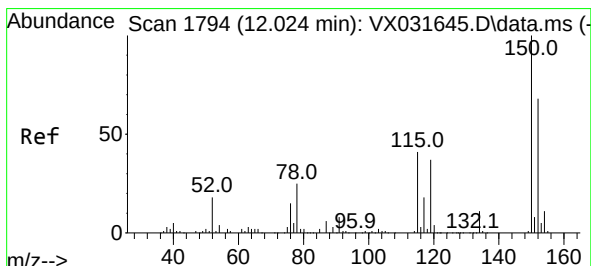
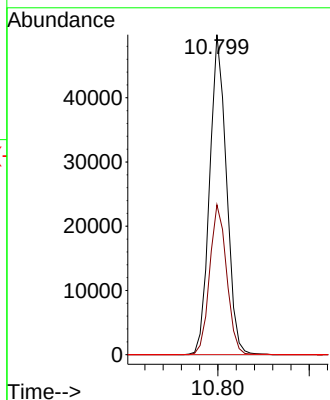
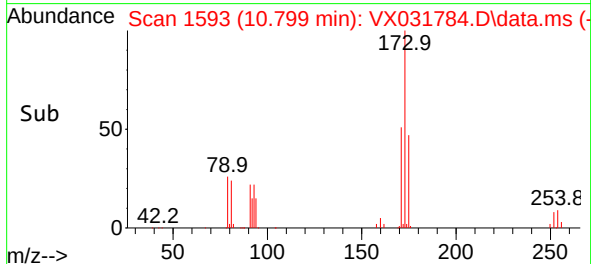
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



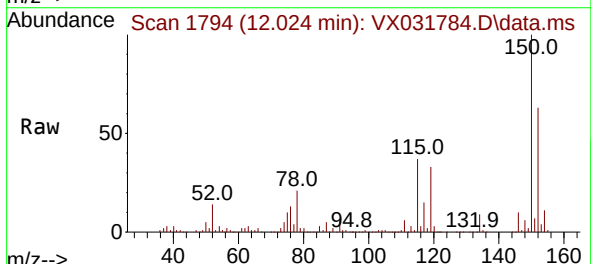
Tgt Ion:173 Resp: 63334
Ion Ratio Lower Upper
173 100
175 47.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

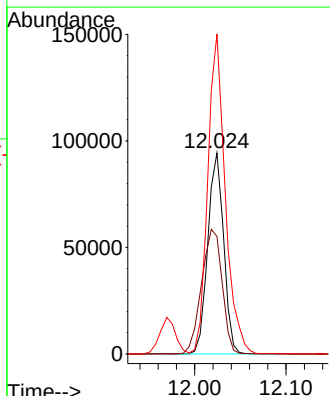
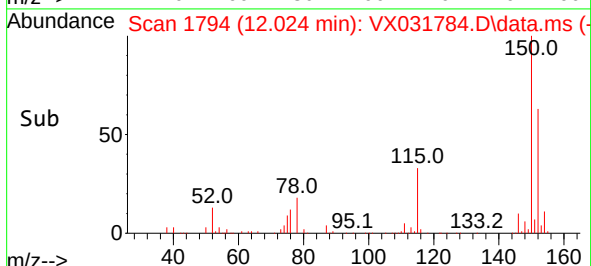
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

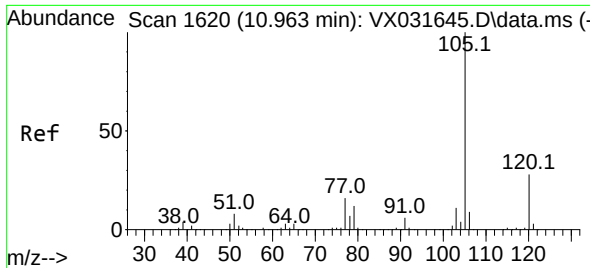


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



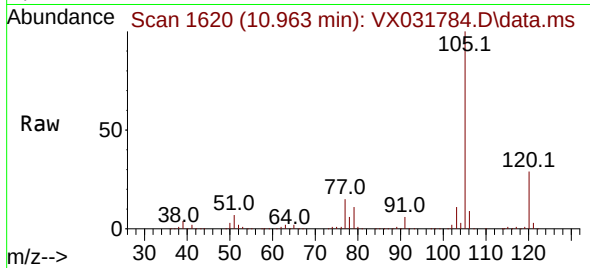
Tgt Ion:152 Resp: 113392
Ion Ratio Lower Upper
152 100
115 80.6 43.4 130.1
150 174.9 0.0 346.8





#73
Isopropylbenzene
Concen: 52.011 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

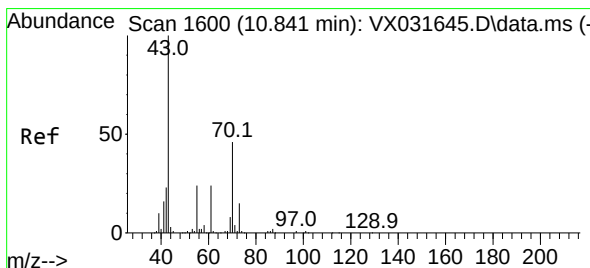
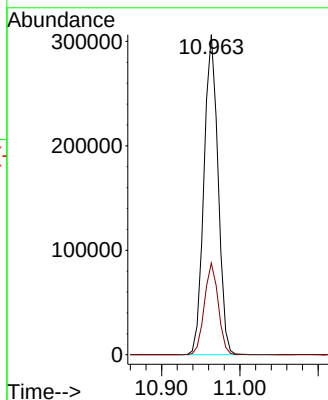
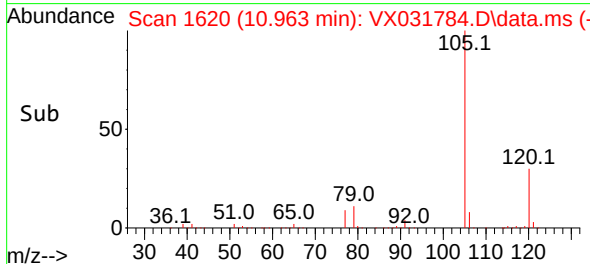
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



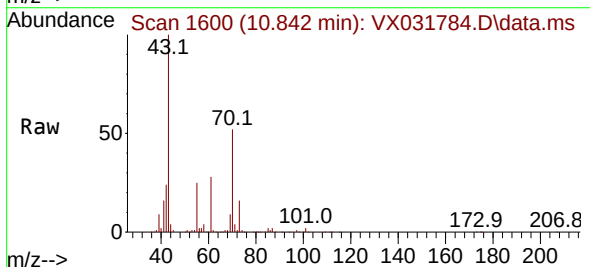
Tgt Ion:105 Resp: 38140
Ion Ratio Lower Upper
105 100
120 28.2 13.7 41.0

Manual Integrations
APPROVED

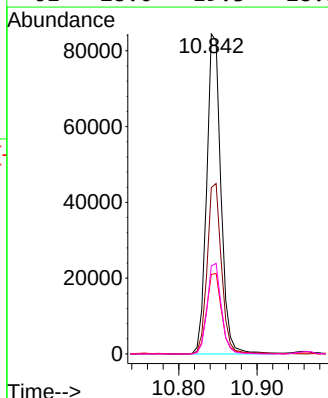
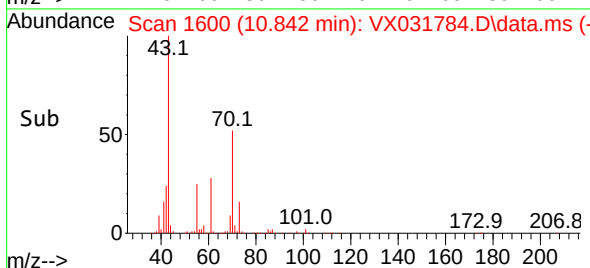
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

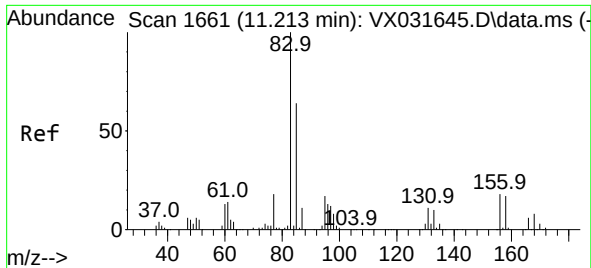


#74
N-ethyl acetate
Concen: 44.807 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



Tgt Ion: 43 Resp: 106582
Ion Ratio Lower Upper
43 100
70 53.5 33.4 50.2#
55 26.9 18.2 27.2
61 28.0 19.3 28.9





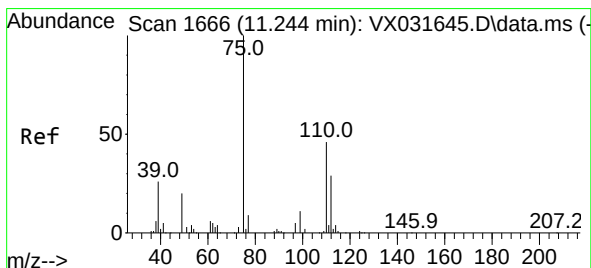
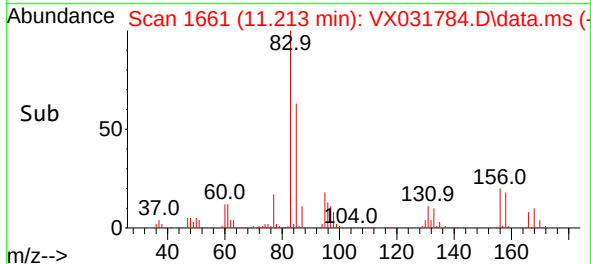
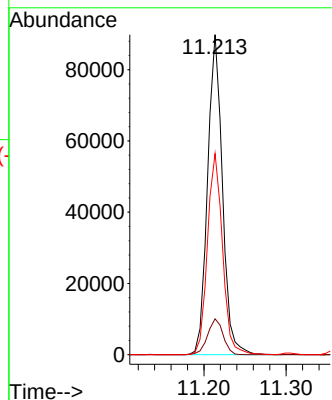
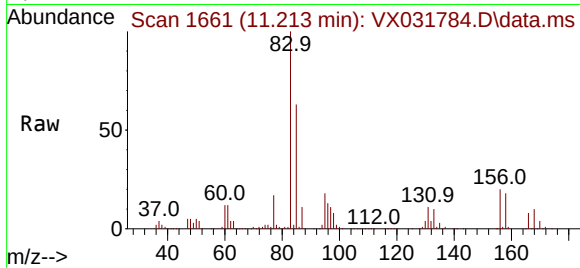
#75
1,1,2,2-Tetrachloroethane
Concen: 48.326 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 83 Resp: 11260
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.4
85 63.8 32.6 97.8

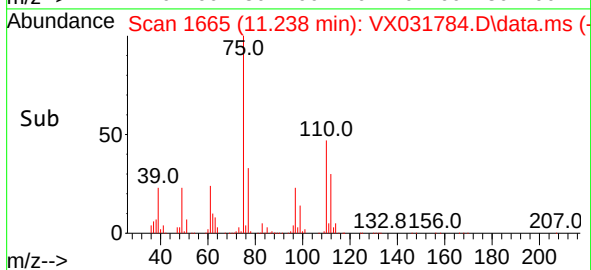
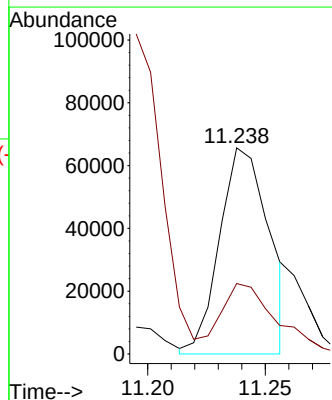
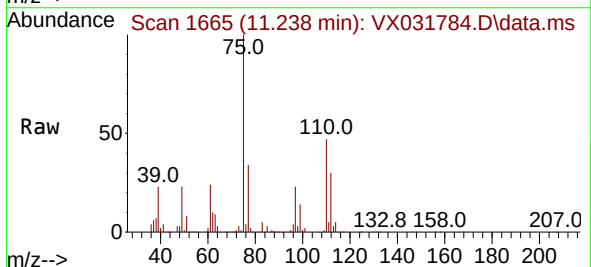
Manual Integrations
APPROVED

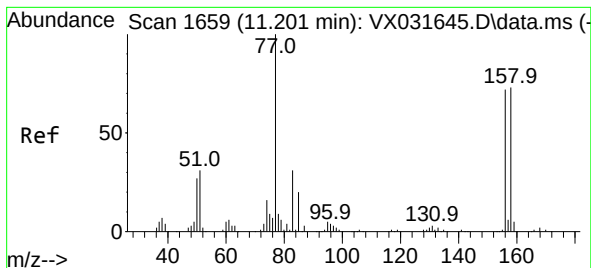
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 46.553 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion: 75 Resp: 95697
Ion Ratio Lower Upper
75 100
77 39.1 20.3 60.9





#77

Bromobenzene

Concen: 55.178 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

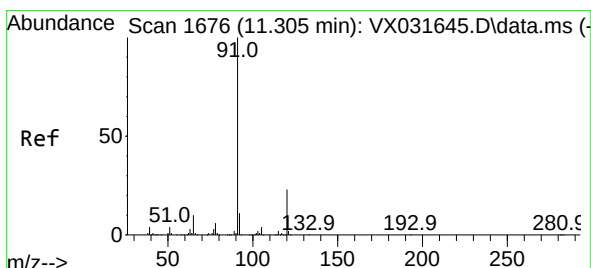
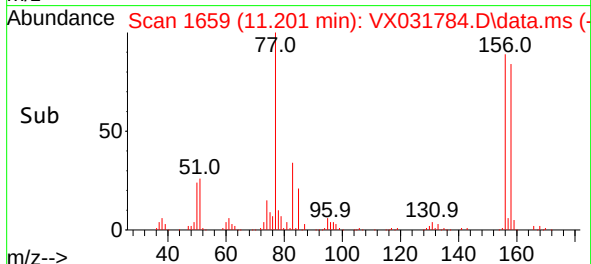
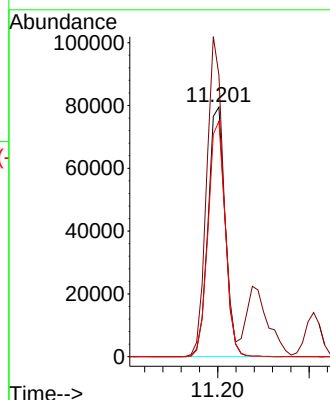
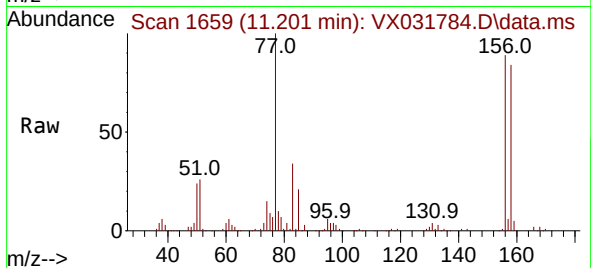
Tgt Ion:	156	Resp:	10286
Ion Ratio	Lower	Upper	
156	100		
77	125.2	79.5	238.6
158	95.2	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 51.689 ug/l

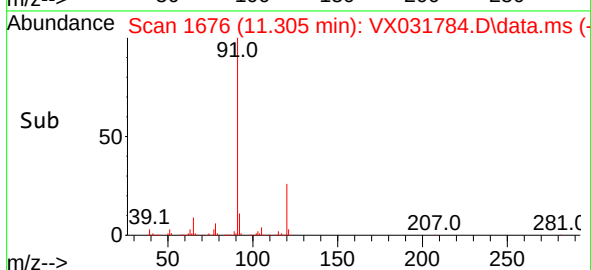
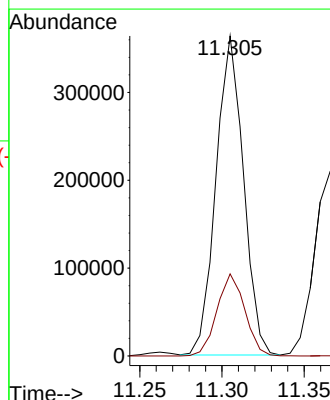
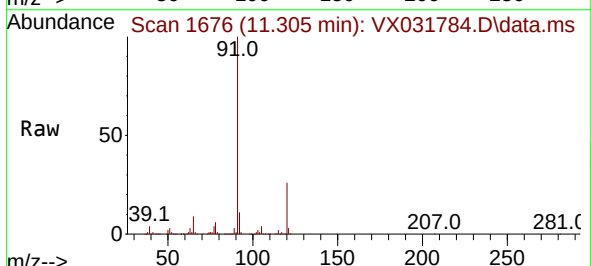
RT: 11.305 min Scan# 1676

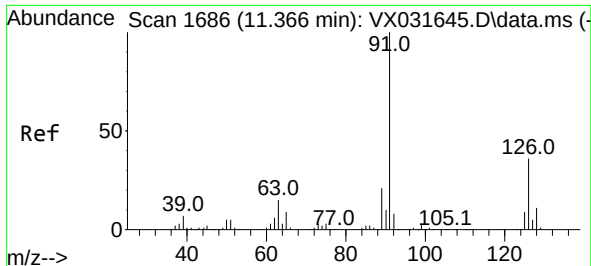
Delta R.T. -0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:	91	Resp:	421792
Ion Ratio	Lower	Upper	
91	100		
120	26.0	11.8	35.4





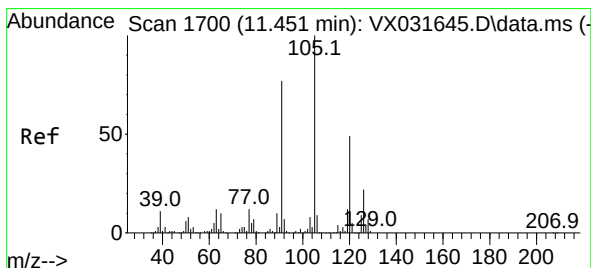
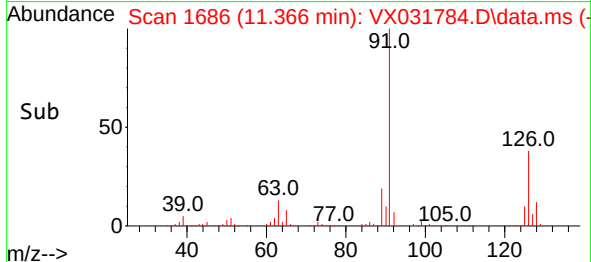
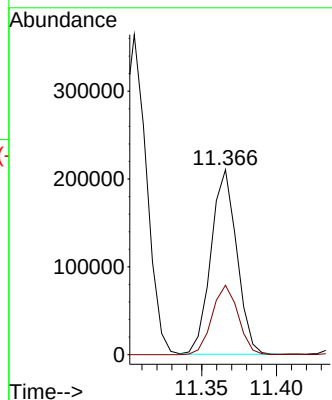
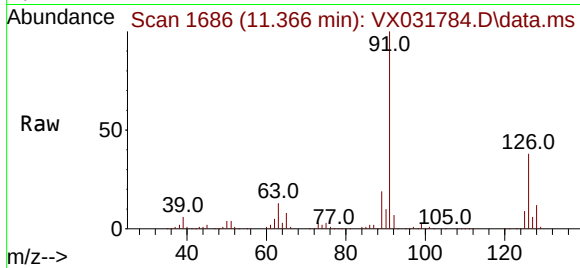
#79
2-Chlorotoluene
Concen: 50.150 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 91 Resp: 252704
Ion Ratio Lower Upper
91 100
126 38.0 17.4 52.3

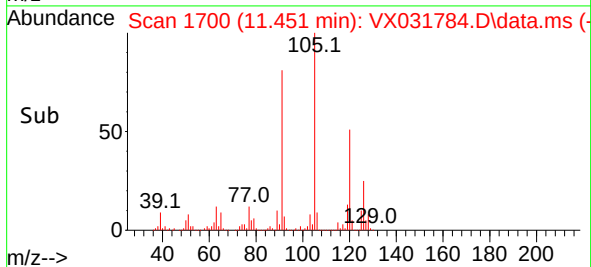
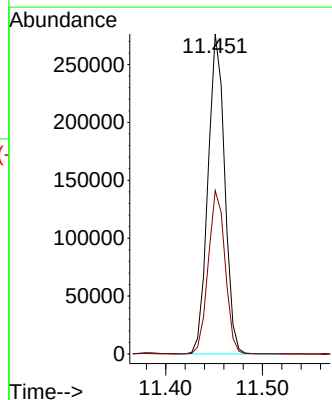
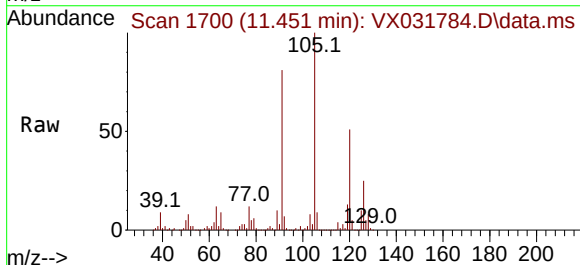
Manual Integrations
APPROVED

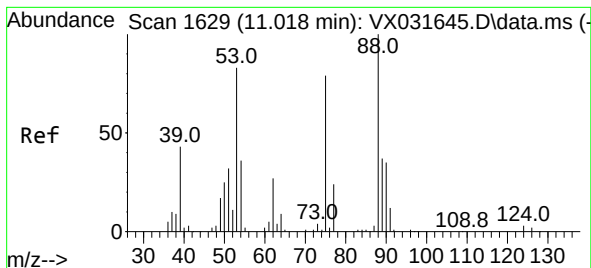
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.491 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion:105 Resp: 332510
Ion Ratio Lower Upper
105 100
120 51.5 24.5 73.5





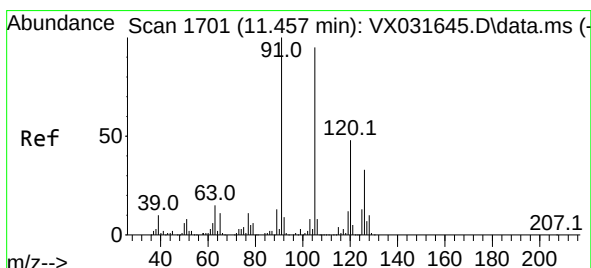
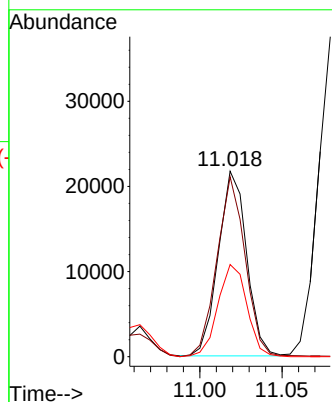
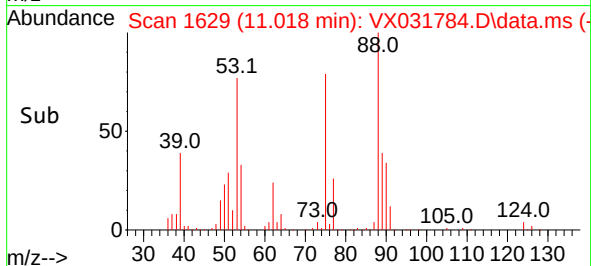
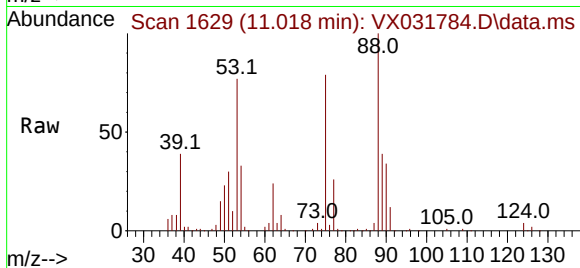
#81
trans-1,4-Dichloro-2-butene
Concen: 43.471 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 75 Resp: 2601
Ion Ratio Lower Upper
75 100
53 97.6 77.6 116.4
89 51.0 37.4 56.0

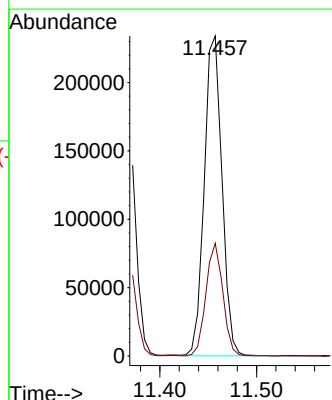
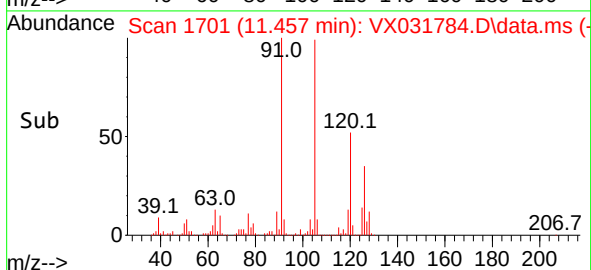
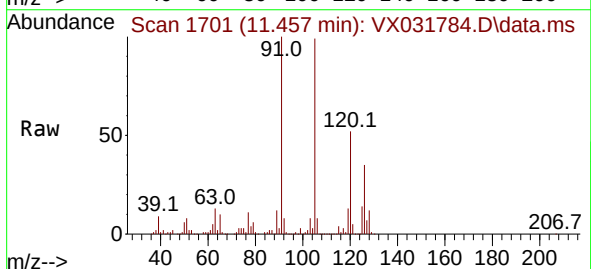
Manual Integrations
APPROVED

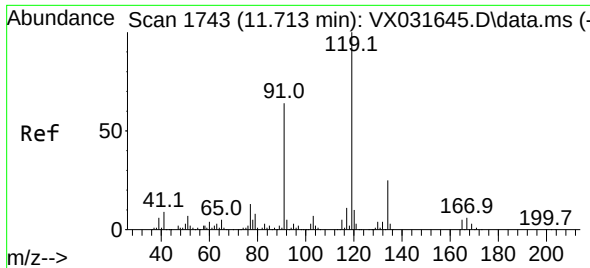
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 51.239 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

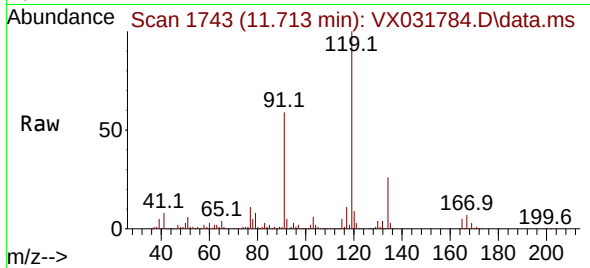
Tgt Ion: 91 Resp: 298287
Ion Ratio Lower Upper
91 100
126 33.9 15.1 45.3





#83
tert-Butylbenzene
Concen: 57.060 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

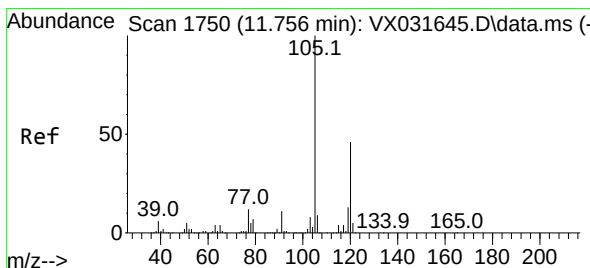
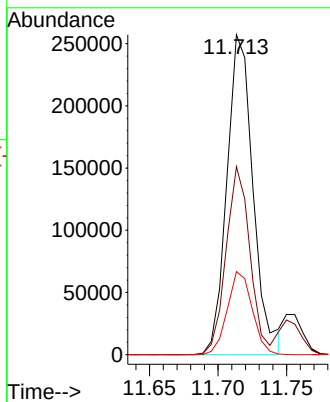
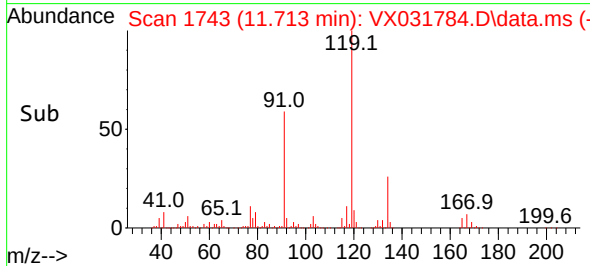
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



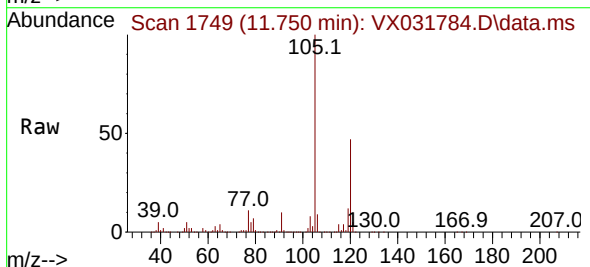
Tgt Ion:119 Resp: 34204
Ion Ratio Lower Upper
119 100
91 53.8 29.2 87.6
134 24.8 11.6 34.8

Manual Integrations
APPROVED

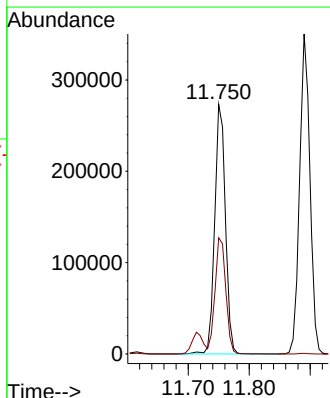
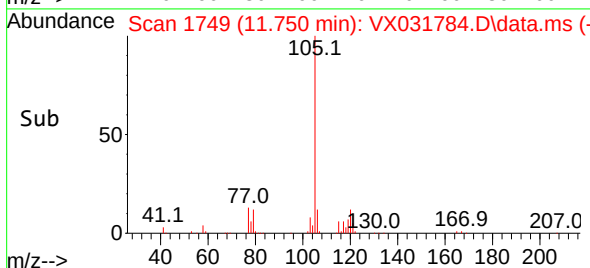
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

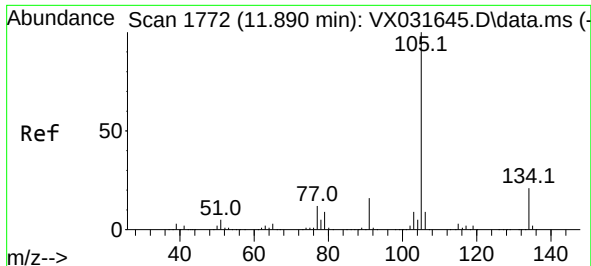


#84
1,2,4-Trimethylbenzene
Concen: 53.995 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24



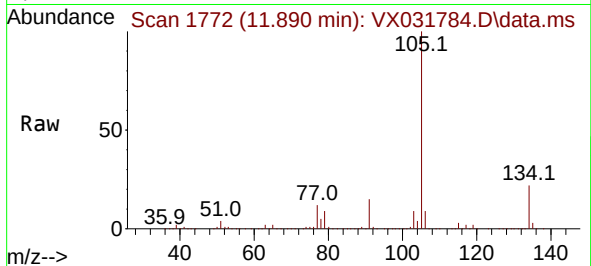
Tgt Ion:105 Resp: 332226
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 54.115 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031784.D
 Acq: 29 Sep 2022 19:24

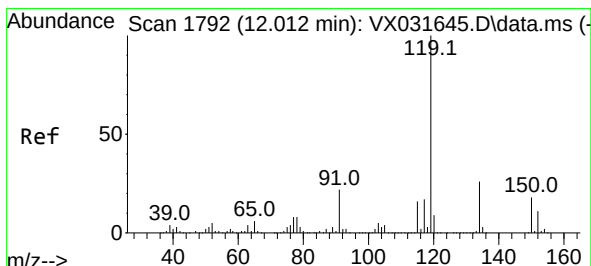
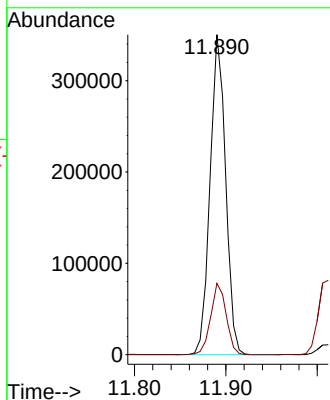
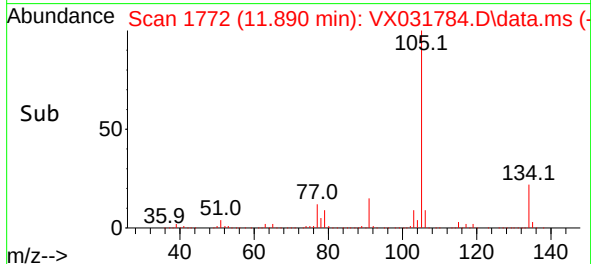
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS



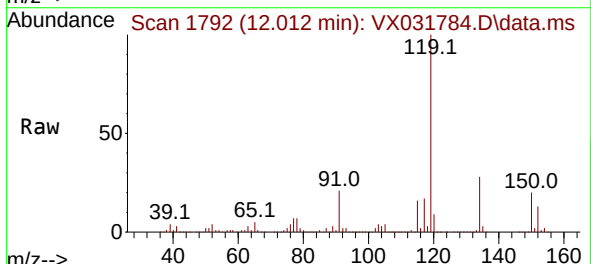
Tgt Ion:105 Resp: 412260
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.4 31.1

Manual Integrations
 APPROVED

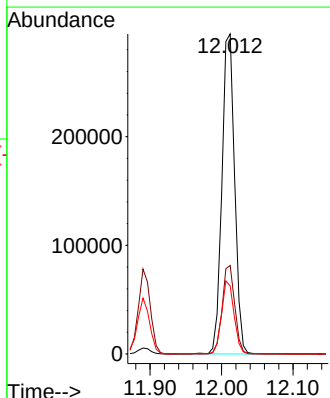
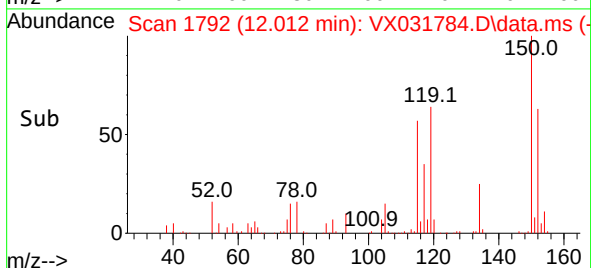
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022

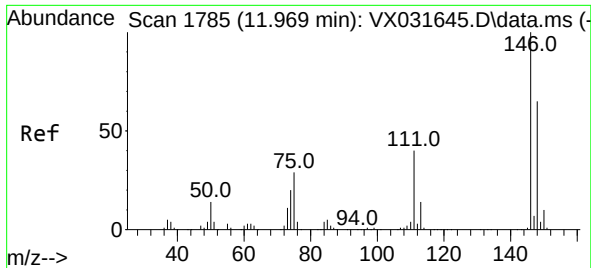


#86
 p-Isopropyltoluene
 Concen: 55.498 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031784.D
 Acq: 29 Sep 2022 19:24



Tgt Ion:119 Resp: 364595
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 55.015 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion:146 Resp: 19882

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.4

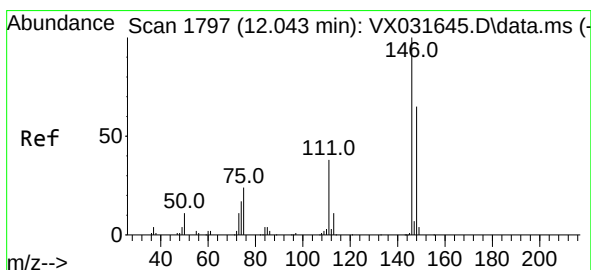
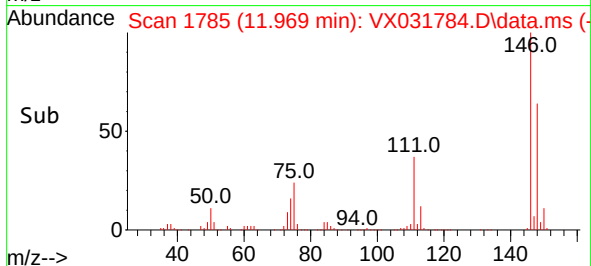
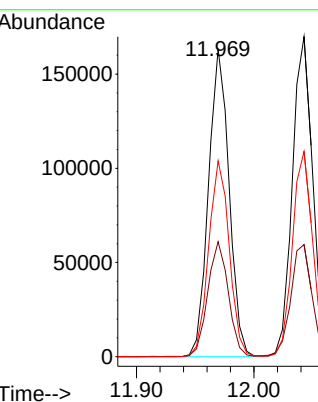
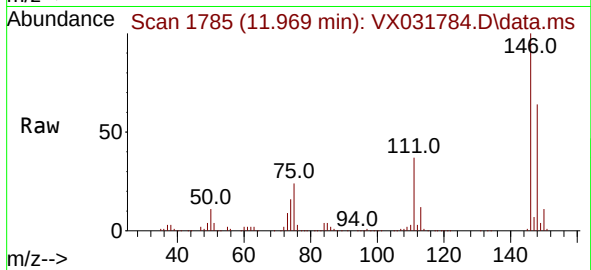
148 63.8 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 54.148 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

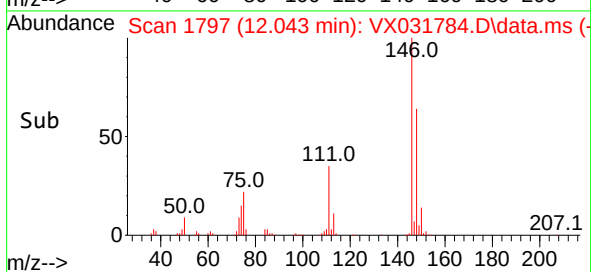
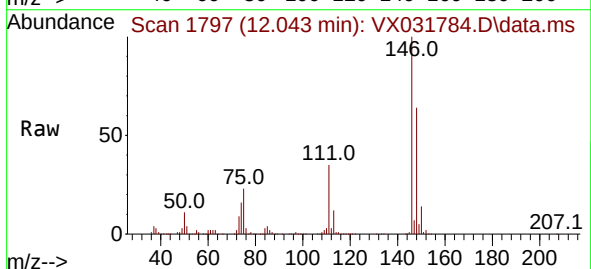
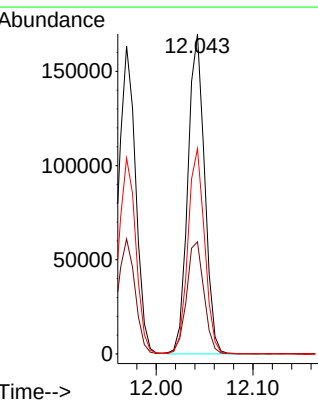
Tgt Ion:146 Resp: 204836

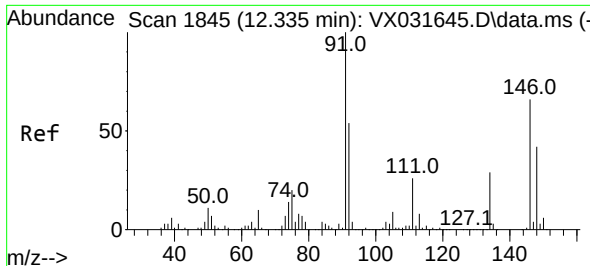
Ion Ratio Lower Upper

146 100

111 36.7 20.5 61.5

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 52.913 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 91 Resp: 28396

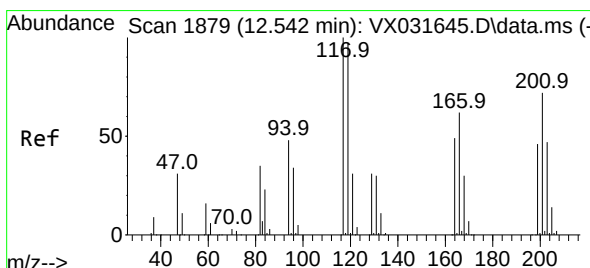
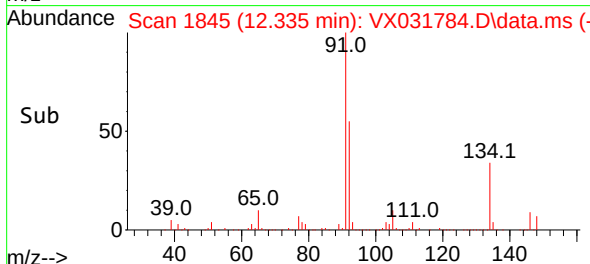
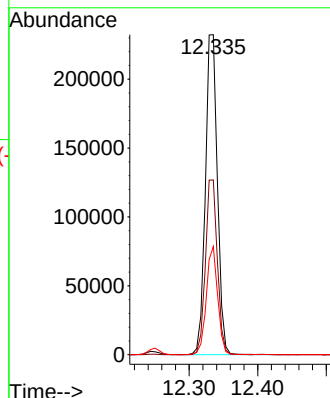
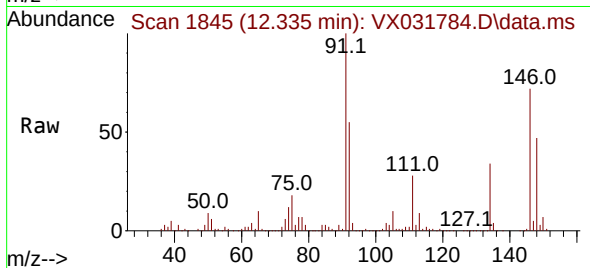
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	81.0
134	32.0	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#90

Hexachloroethane

Concen: 54.287 ug/l

RT: 12.536 min Scan# 1878

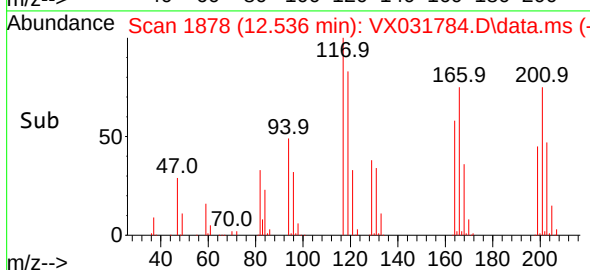
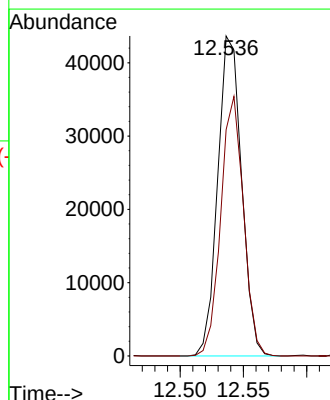
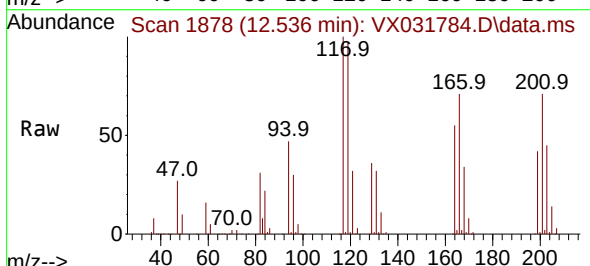
Delta R.T. -0.006 min

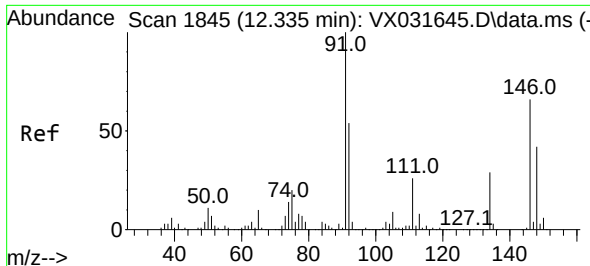
Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Tgt Ion:117 Resp: 57188

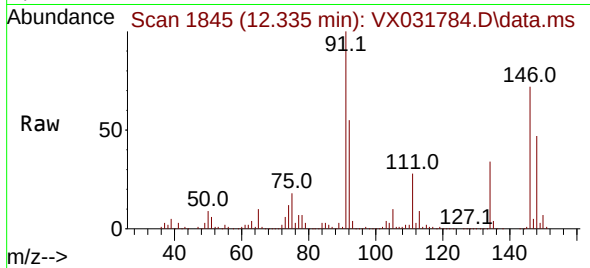
Ion	Ratio	Lower	Upper
117	100		
201	77.3	34.8	104.4





#91
1,2-Dichlorobenzene
Concen: 55.899 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

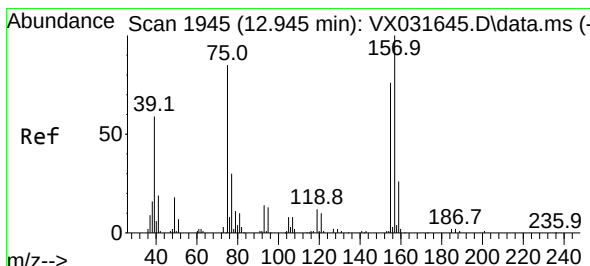
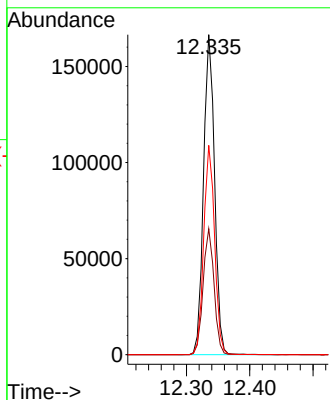
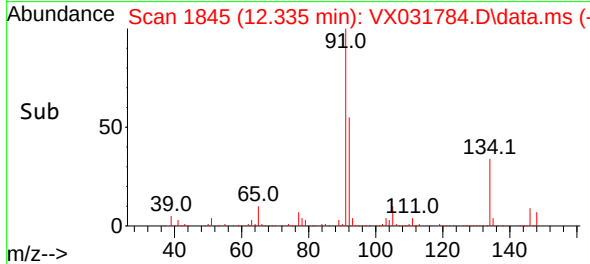
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:146 Resp: 202309
Ion Ratio Lower Upper
146 100
111 39.1 20.6 61.8
148 64.8 31.6 95.0

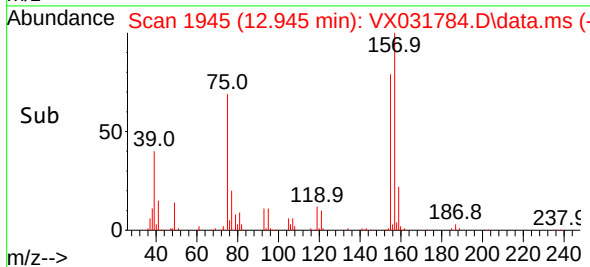
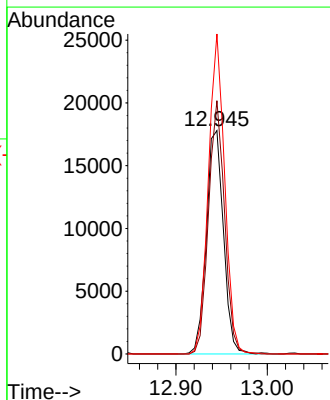
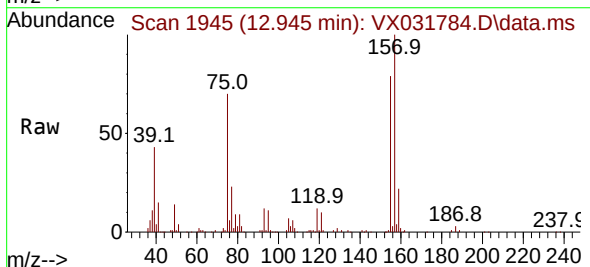
Manual Integrations
APPROVED

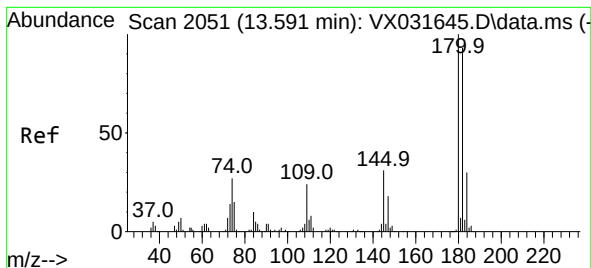
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.533 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion: 75 Resp: 23127
Ion Ratio Lower Upper
75 100
155 106.0 40.3 120.8
157 135.6 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 59.463 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

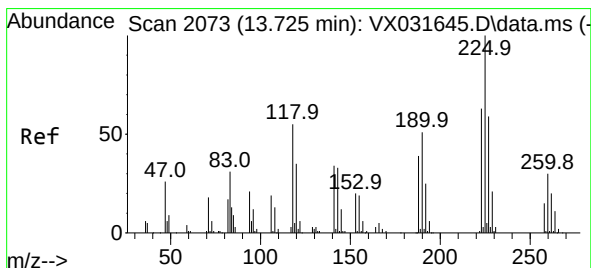
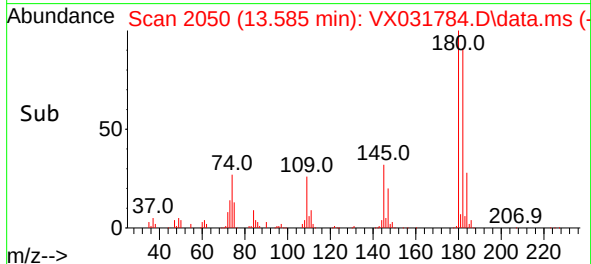
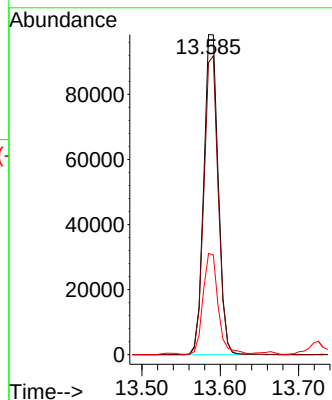
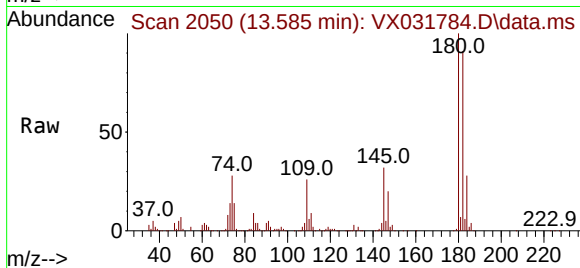
Tgt Ion:	180	Resp:	125850
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.9	140.6
145	32.9	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 58.130 ug/l

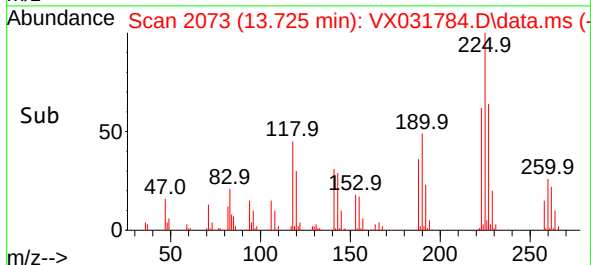
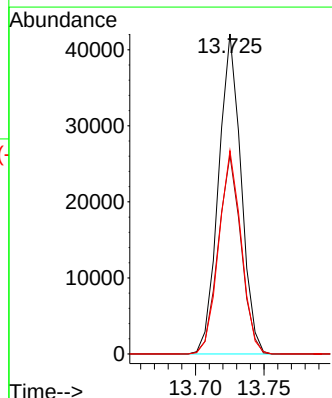
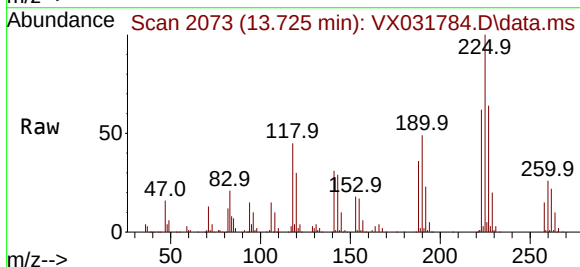
RT: 13.725 min Scan# 2073

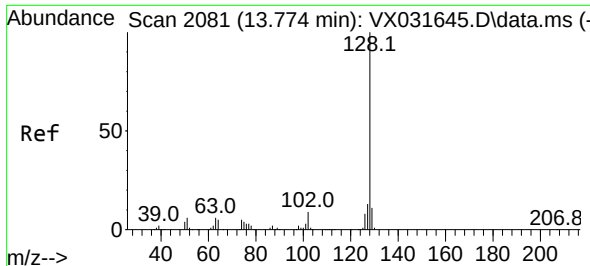
Delta R.T. 0.000 min

Lab File: VX031784.D

Acq: 29 Sep 2022 19:24

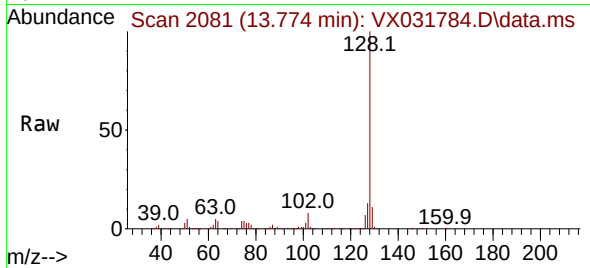
Tgt Ion:	225	Resp:	47974
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.8	92.4
227	63.2	32.3	96.9





#95
Naphthalene
Concen: 59.457 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

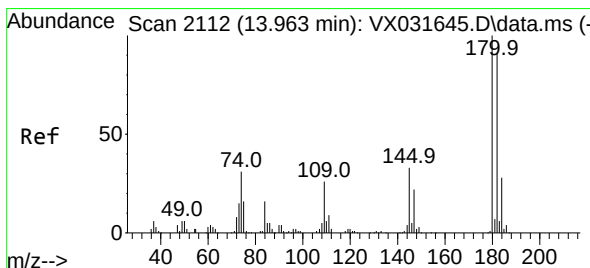
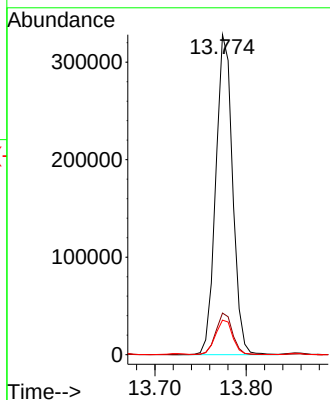
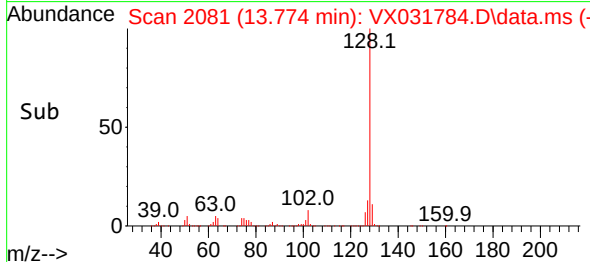
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:128 Resp: 420330
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.368 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031784.D
Acq: 29 Sep 2022 19:24

Tgt Ion:180 Resp: 126782
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 36.5 17.6 52.8

