

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035548.D
 Acq On : 05 May 2023 19:54
 Operator : JC/MD
 Sample : 02597-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MSD

Quant Time: May 08 00:53:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142602	58.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.700%			
35) Dibromofluoromethane	5.385	113	113160	49.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	8.653	98	357831	41.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 82.780%#			
62) 4-Bromofluorobenzene	11.079	95	140234	43.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87291	40.725	ug/l	97
3) Chloromethane	1.294	50	112999	57.952	ug/l	98
4) Vinyl Chloride	1.373	62	102499	52.411	ug/l	99
5) Bromomethane	1.611	94	55540	42.729	ug/l	99
6) Chloroethane	1.684	64	58188	50.873	ug/l	99
7) Trichlorofluoromethane	1.885	101	130865	42.790	ug/l	99
8) Diethyl Ether	2.135	74	74677	66.971	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	80230	39.278	ug/l	96
10) Methyl Iodide	2.452	142	150180	58.256	ug/l	98
11) Tert butyl alcohol	2.971	59	205728	462.330	ug/l	98
12) 1,1-Dichloroethene	2.318	96	95135	48.355	ug/l	97
13) Acrolein	2.239	56	126230	288.455	ug/l	100
14) Allyl chloride	2.666	41	221811	64.064	ug/l	94
15) Acrylonitrile	3.062	53	457888	411.421	ug/l	99
16) Acetone	2.379	43	451179	425.073	ug/l	100
17) Carbon Disulfide	2.513	76	235950	50.027	ug/l	100
18) Methyl Acetate	2.702	43	336354	81.948	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	488953	72.440	ug/l	97
20) Methylene Chloride	2.788	84	148195	60.891	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	118153	55.294	ug/l	96
22) Diisopropyl ether	3.757	45	475794	69.444	ug/l	95
23) Vinyl Acetate	3.720	43	1746193	370.779	ug/l	99
24) 1,1-Dichloroethane	3.611	63	243739	63.157	ug/l	99
25) 2-Butanone	4.556	43	664846	429.143	ug/l	95
26) 2,2-Dichloropropane	4.476	77	148638	49.161	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	158504	63.106	ug/l	93
28) Bromochloromethane	4.897	49	119296	72.536	ug/l	91
29) Tetrahydrofuran	5.001	42	423797	426.725	ug/l	98
30) Chloroform	5.092	83	251017	64.430	ug/l	100
31) Cyclohexane	5.464	56	143112	41.281	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	184355	53.994	ug/l	98
36) 1,1-Dichloropropene	5.696	75	144099	40.271	ug/l	97
37) Ethyl Acetate	4.714	43	235225	71.976	ug/l	98
38) Carbon Tetrachloride	5.677	117	142744	42.023	ug/l	98
39) Methylcyclohexane	7.378	83	135917	31.206	ug/l	99
40) Benzene	6.037	78	545958	53.188	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	132996	71.021	ug/l	97
42) 1,2-Dichloroethane	6.086	62	216256	59.089	ug/l	98
43) Isopropyl Acetate	6.336	43	377719	68.784	ug/l	97
44) Trichloroethene	7.122	130	131878	46.638	ug/l	96
45) 1,2-Dichloropropane	7.427	63	146004	56.419	ug/l	98
46) Dibromomethane	7.580	93	106657	60.017	ug/l	94
47) Bromodichloromethane	7.823	83	191240	58.407	ug/l	99
48) Methyl methacrylate	7.689	41	190652	70.777	ug/l	94
49) 1,4-Dioxane	7.689	88	92527	1409.190	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1247306	369.710	ug/l	97
52) Toluene	8.720	92	321541	49.419	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	211848	61.955	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	227922	58.972	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	152447	58.774	ug/l	98
56) Ethyl methacrylate	9.116	69	255726	66.184	ug/l	92
57) 1,3-Dichloropropane	9.311	76	261332	58.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.372	63	1229	0.636	ug/l #	47
59) 2-Hexanone	9.433	43	945476	373.040	ug/l	95
60) Dibromochloromethane	9.524	129	151810	61.087	ug/l	100
61) 1,2-Dibromoethane	9.610	107	162412	60.739	ug/l	100
64) Tetrachloroethene	9.274	164	93479	36.407	ug/l	97
65) Chlorobenzene	10.079	112	347353	47.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	136213	53.946	ug/l	98
67) Ethyl Benzene	10.195	91	567495	45.167	ug/l	99
68) m/p-Xylenes	10.299	106	440549	91.506	ug/l	98
69) o-Xylene	10.640	106	228606	48.423	ug/l	98
70) Styrene	10.652	104	386626	50.509	ug/l	98
71) Bromoform	10.798	173	111414	63.437	ug/l	99
73) Isopropylbenzene	10.963	105	521264	44.940	ug/l	100
74) N-amyl acetate	10.841	43	307605	70.568	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	238309	66.194	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	196761m	62.163	ug/l	
77) Bromobenzene	11.201	156	153381	53.197	ug/l	92
78) n-propylbenzene	11.304	91	575512	43.202	ug/l	98
79) 2-Chlorotoluene	11.365	91	388826	46.710	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	454136	46.434	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	65106	66.620	ug/l	99
82) 4-Chlorotoluene	11.451	91	449053	48.030	ug/l	97
83) tert-Butylbenzene	11.713	119	447399	45.592	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	472222	48.054	ug/l	100
85) sec-Butylbenzene	11.890	105	479757	39.857	ug/l	99
86) p-Isopropyltoluene	12.012	119	425334	41.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	269979	49.272	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	268392	46.717	ug/l	99
89) n-Butylbenzene	12.335	91	335026	38.766	ug/l	99
90) Hexachloroethane	12.536	117	68260	43.557	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	272951	49.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	54851	75.981	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	161757	46.957	ug/l	98
94) Hexachlorobutadiene	13.725	225	51116	33.811	ug/l	99
95) Naphthalene	13.774	128	1125156	106.100	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	164495	47.436	ug/l	98

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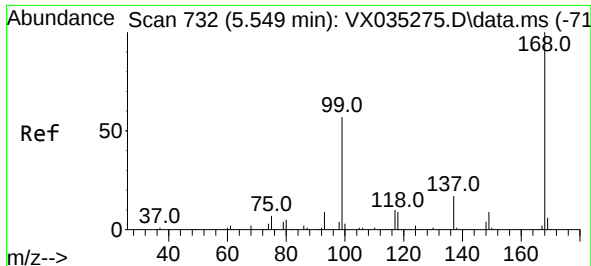
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

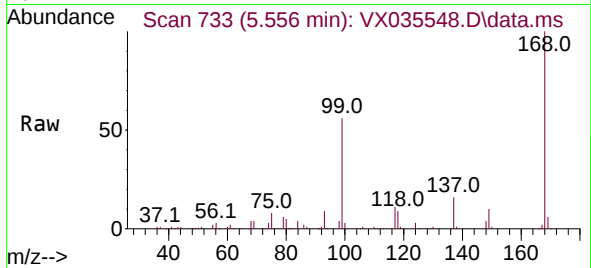
Quant Time: May 08 00:53:36 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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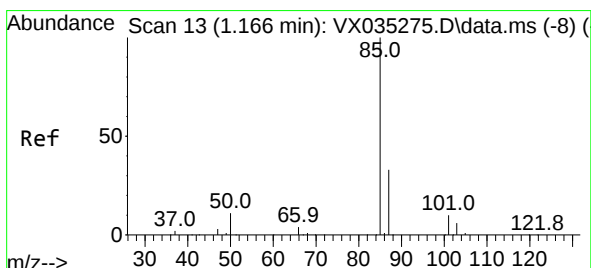
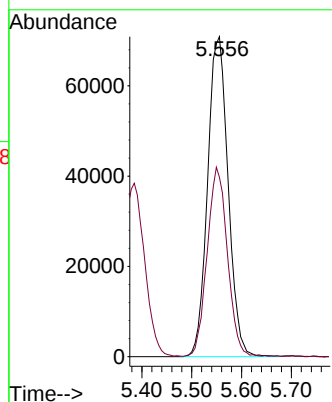
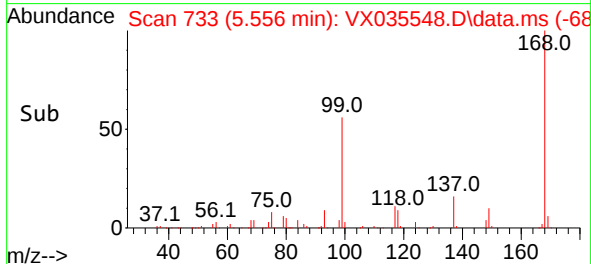
Instrument :
MSVOA_X
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MW-1-20230503MSD



Tgt Ion:168 Resp: 202569
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5

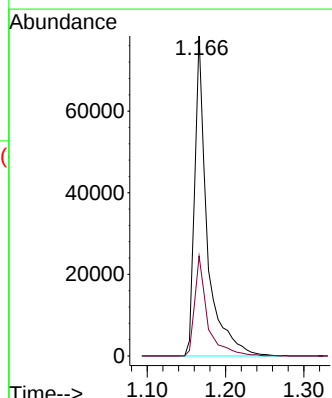
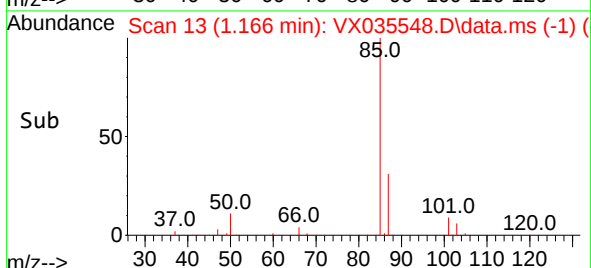
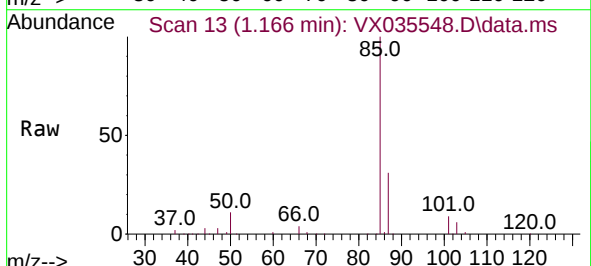
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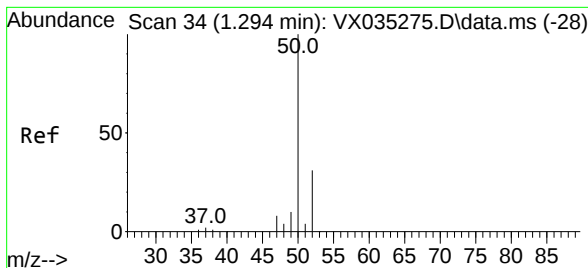
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#2
Dichlorodifluoromethane
Concen: 40.725 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion: 85 Resp: 87291
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.1





#3

Chloromethane

Concen: 57.952 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 50 Resp: 11299

Ion Ratio Lower Upper

50 100

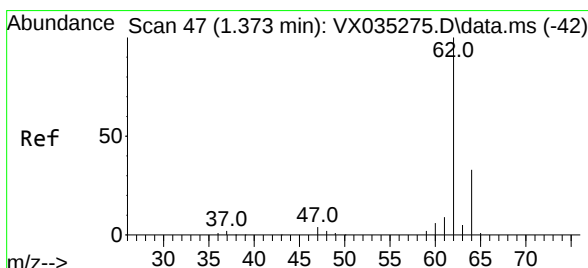
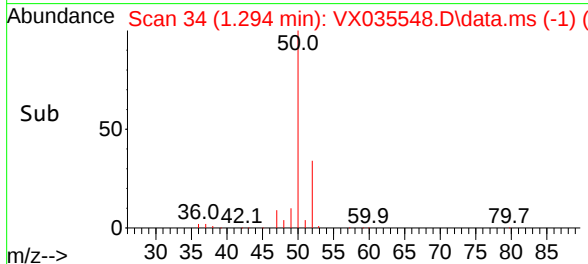
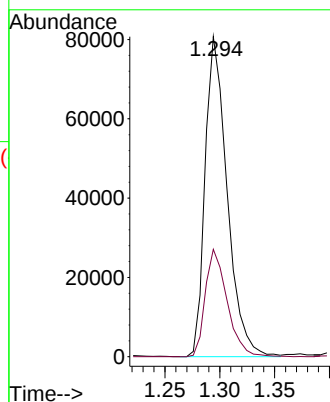
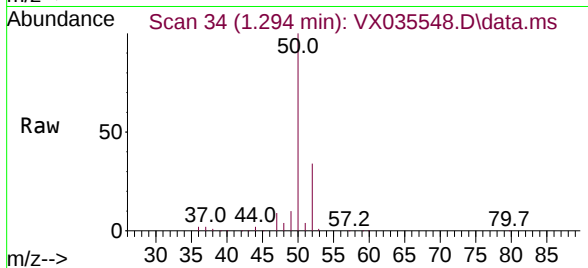
52 33.5 25.9 38.9

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#4

Vinyl Chloride

Concen: 52.411 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX035548.D

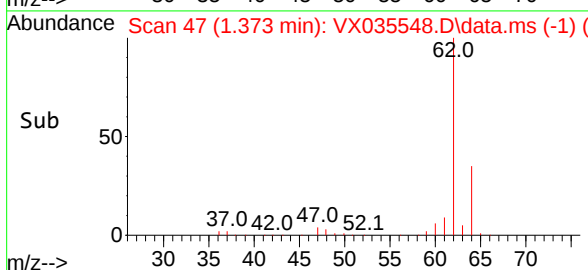
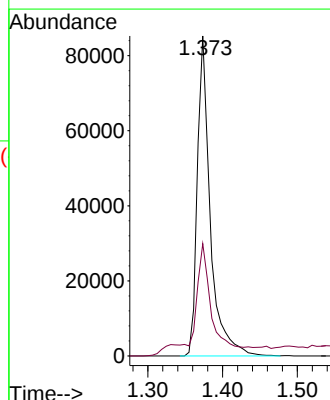
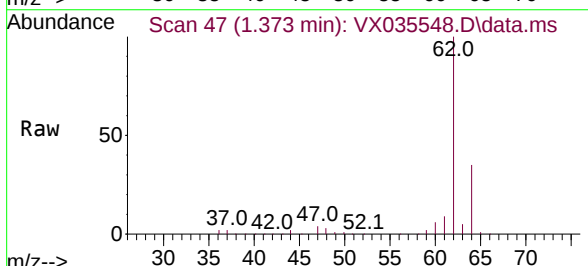
Acq: 05 May 2023 19:54

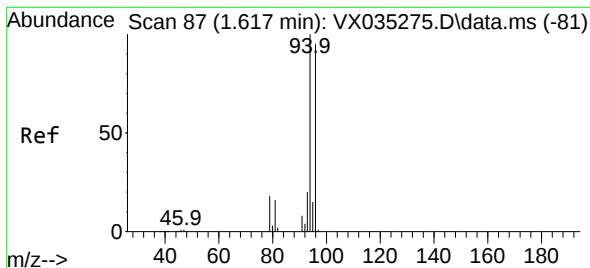
Tgt Ion: 62 Resp: 102499

Ion Ratio Lower Upper

62 100

64 32.3 26.4 39.6





#5

Bromomethane

Concen: 42.729 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.006 min

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Tgt Ion: 94 Resp: 55540

Ion Ratio Lower Upper

94 100

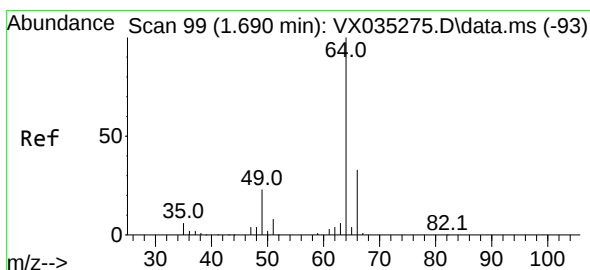
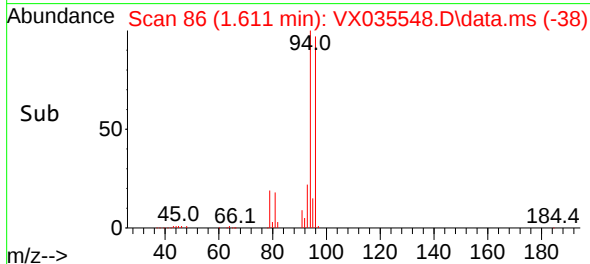
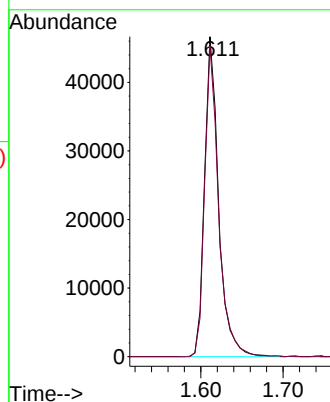
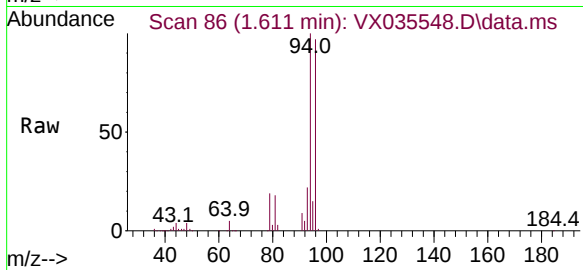
96 97.0 77.0 115.6

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#6

Chloroethane

Concen: 50.873 ug/l

RT: 1.684 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX035548.D

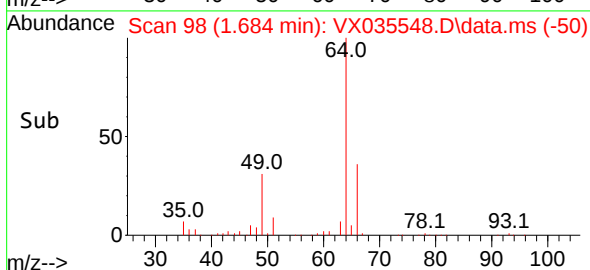
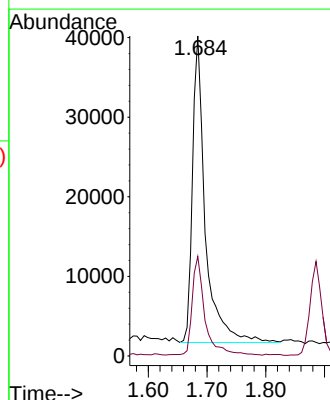
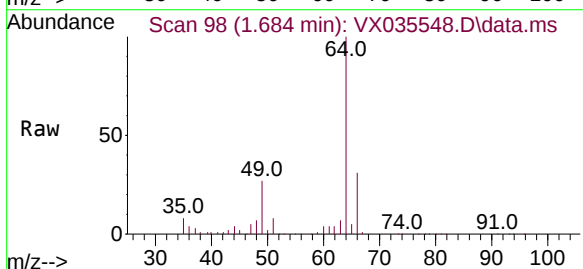
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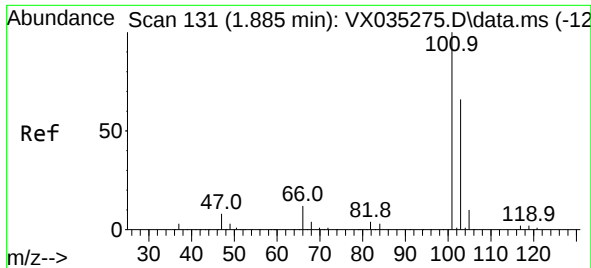
Tgt Ion: 64 Resp: 58188

Ion Ratio Lower Upper

64 100

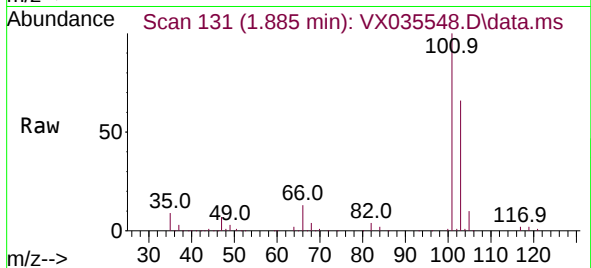
66 32.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 42.790 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035548.D
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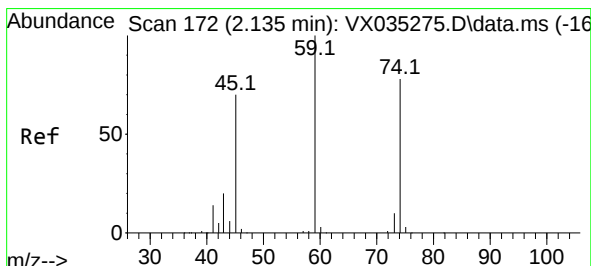
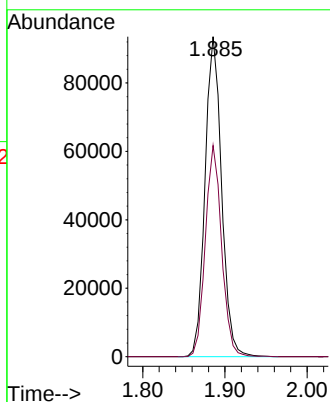
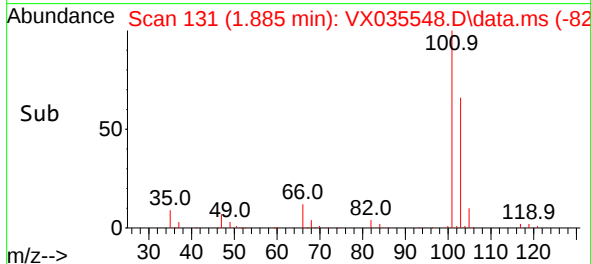
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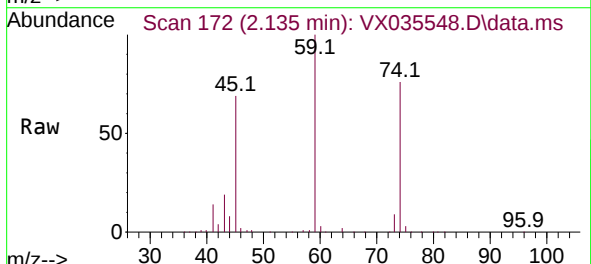
Tgt Ion:101 Resp: 13086
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.0 78.0

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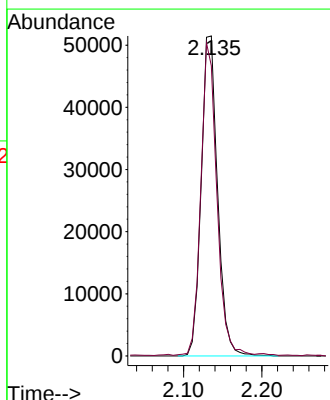
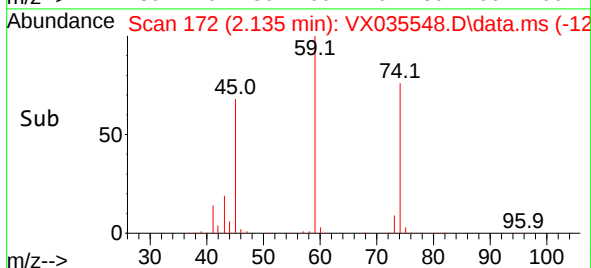
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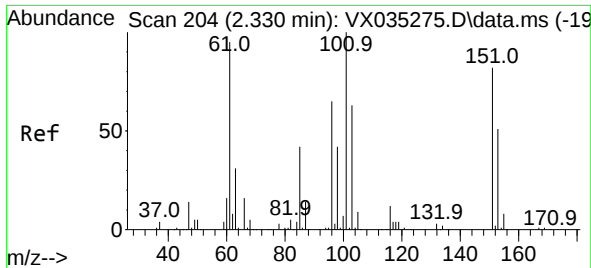


#8
 Diethyl Ether
 Concen: 66.971 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54



Tgt Ion: 74 Resp: 74677
 Ion Ratio Lower Upper
 74 100
 45 95.1 49.8 149.3





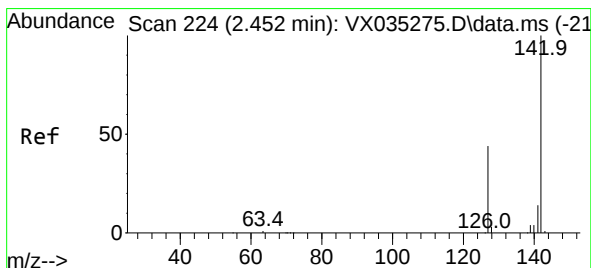
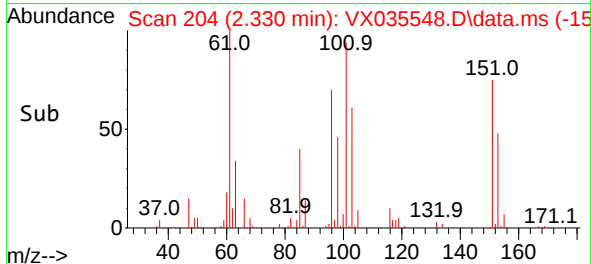
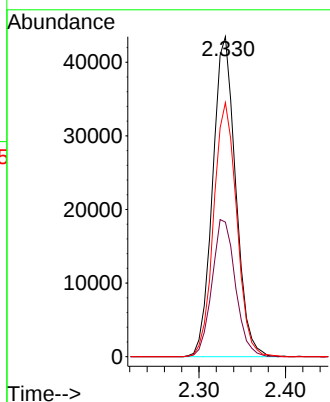
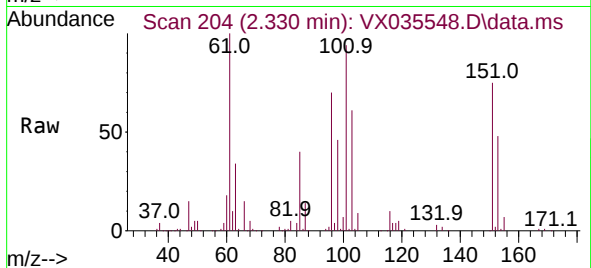
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.278 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD

Tgt Ion:101 Resp: 80230
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 79.5 60.2 90.4

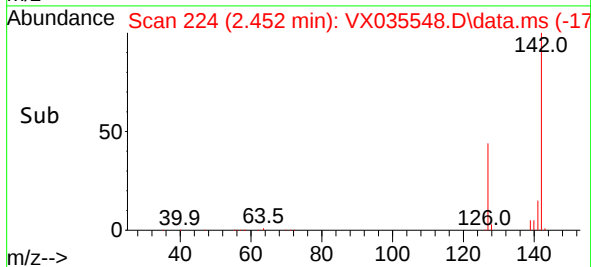
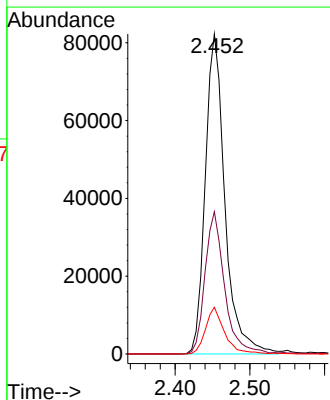
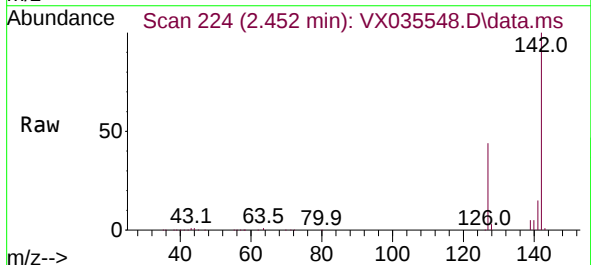
Manual Integrations
APPROVED

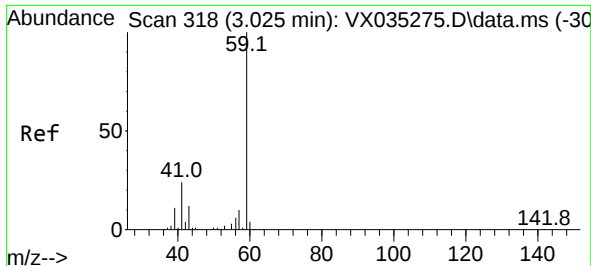
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#10
Methyl Iodide
Concen: 58.256 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

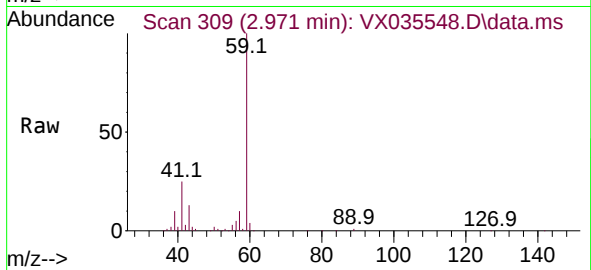
Tgt Ion:142 Resp: 150180
Ion Ratio Lower Upper
142 100
127 44.3 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 462.330 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.054 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

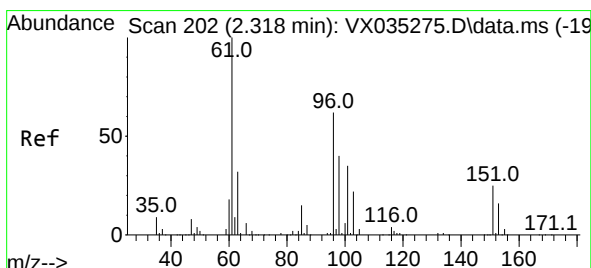
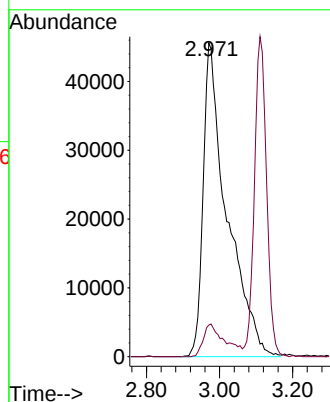
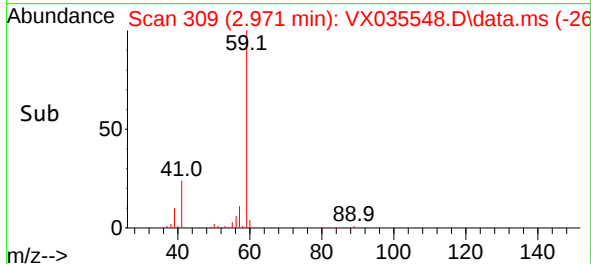
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 59 Resp: 205728
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

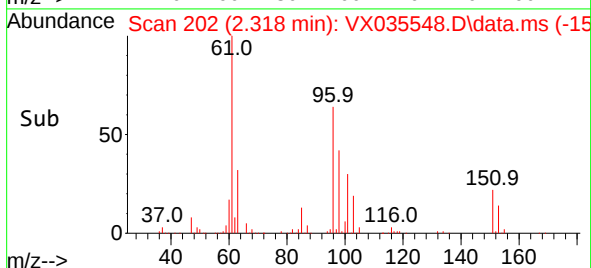
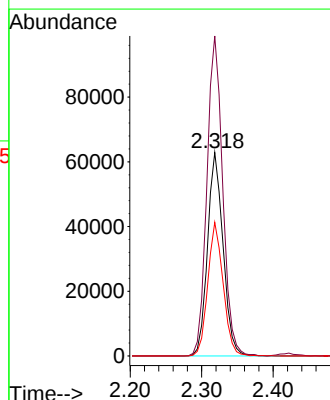
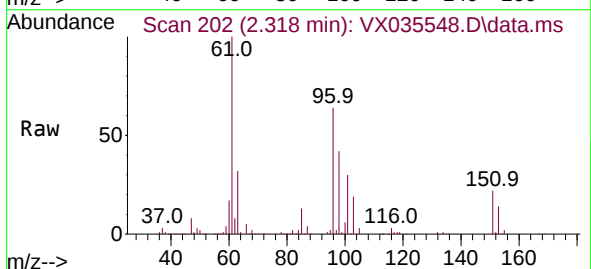
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#12
1,1-Dichloroethene
Concen: 48.355 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

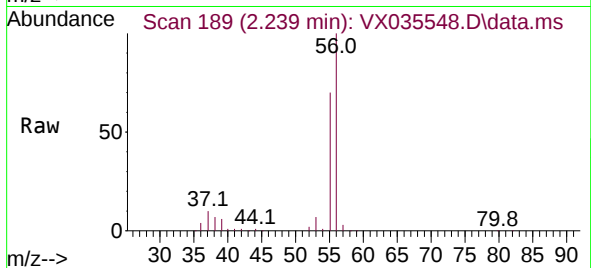
Tgt Ion: 96 Resp: 95135
Ion Ratio Lower Upper
96 100
61 157.2 128.8 193.2
98 65.7 51.4 77.0





#13
Acrolein
Concen: 288.455 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

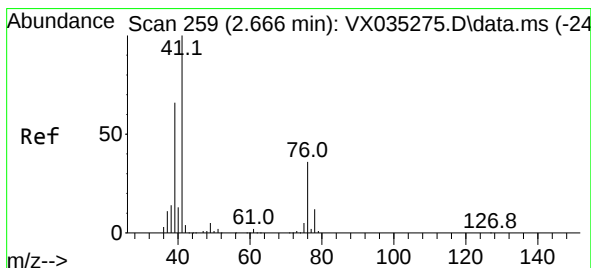
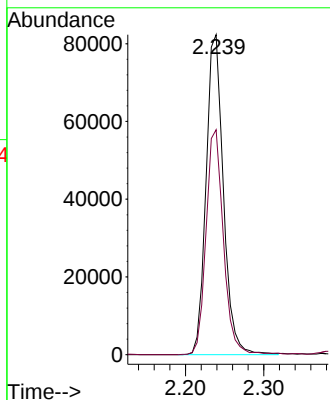
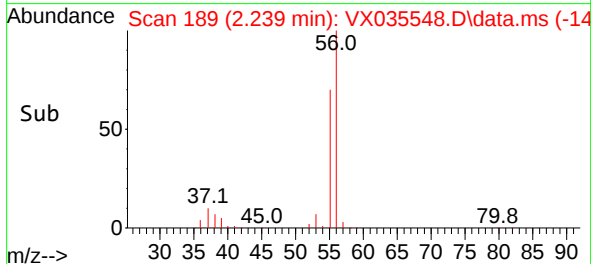
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 56 Resp: 126230
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

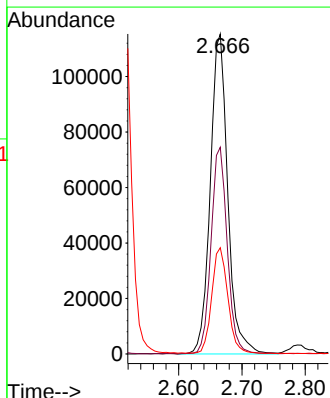
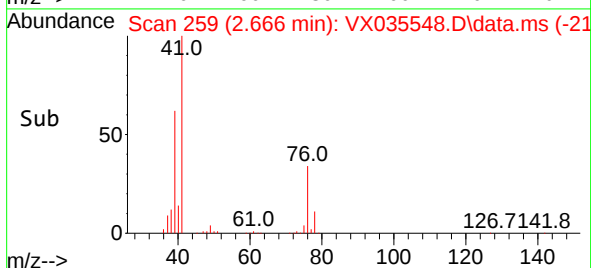
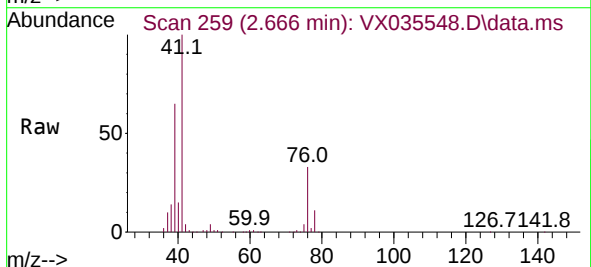
Manual Integrations
APPROVED

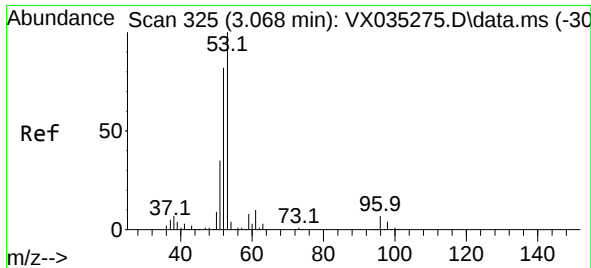
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#14
Allyl chloride
Concen: 64.064 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

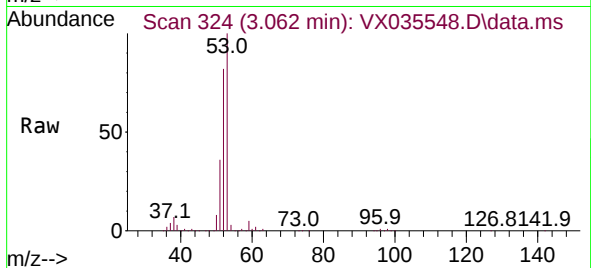
Tgt Ion: 41 Resp: 221811
Ion Ratio Lower Upper
41 100
39 60.2 52.4 78.6
76 30.5 26.0 39.0





#15
Acrylonitrile
Concen: 411.421 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

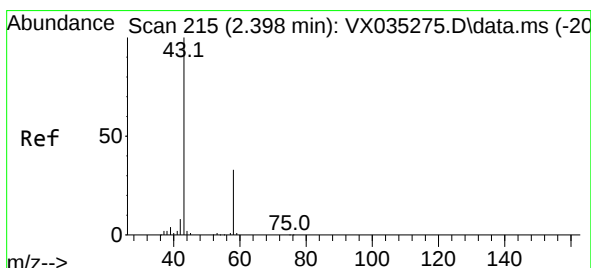
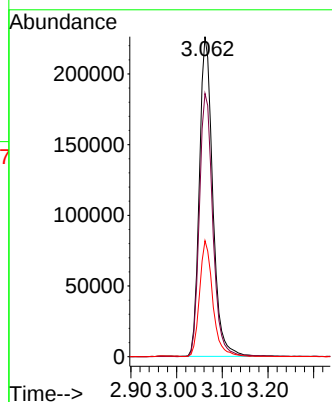
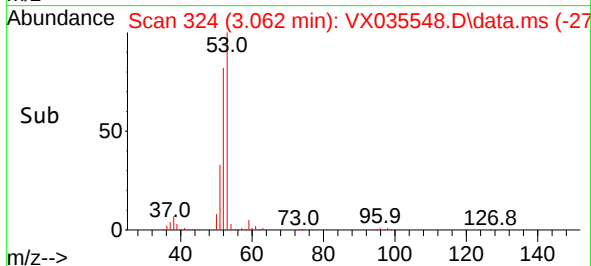
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 53 Resp: 45788
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.1 28.3 42.5

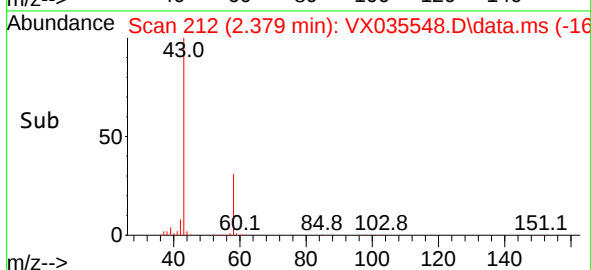
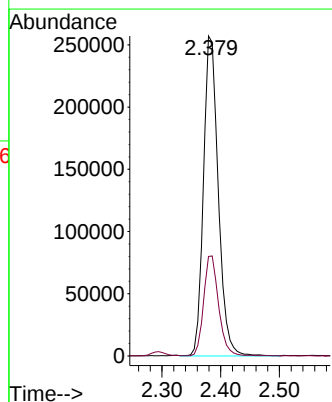
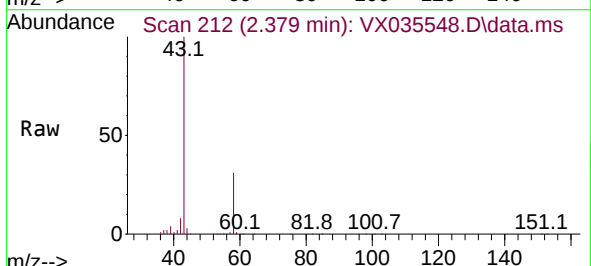
Manual Integrations
APPROVED

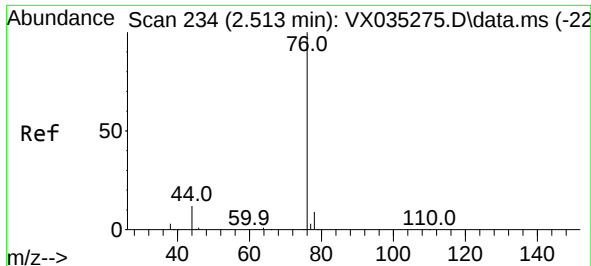
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#16
Acetone
Concen: 425.073 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.019 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

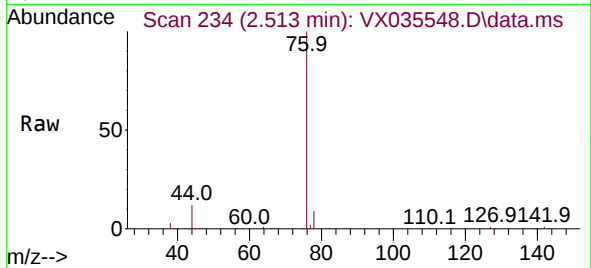
Tgt Ion: 43 Resp: 451179
Ion Ratio Lower Upper
43 100
58 31.0 24.7 37.1





#17
Carbon Disulfide
Concen: 50.027 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

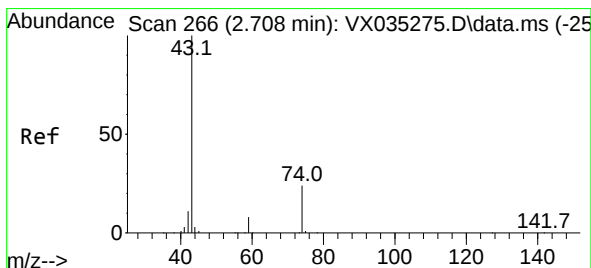
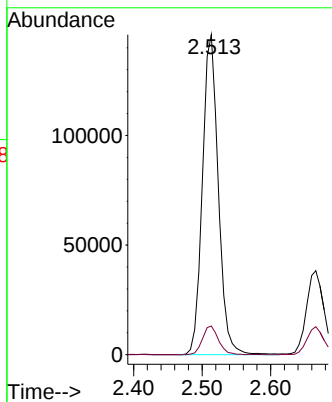
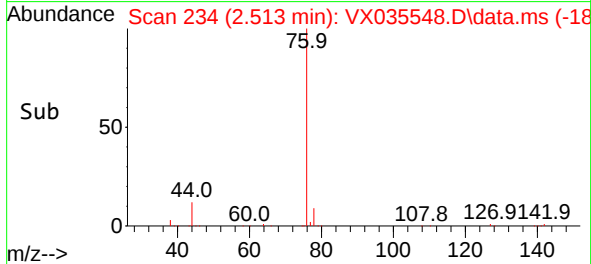
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



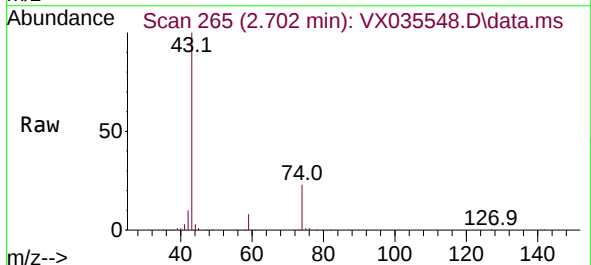
Tgt Ion: 76 Resp: 235950
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

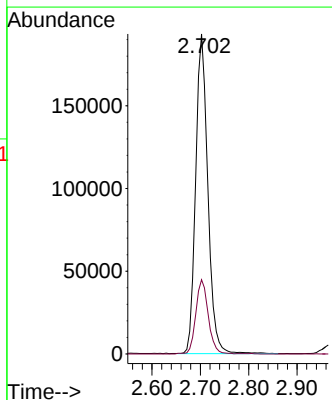
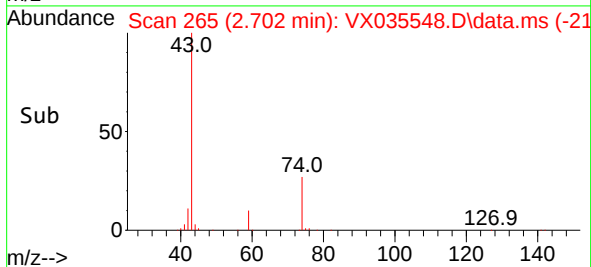
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

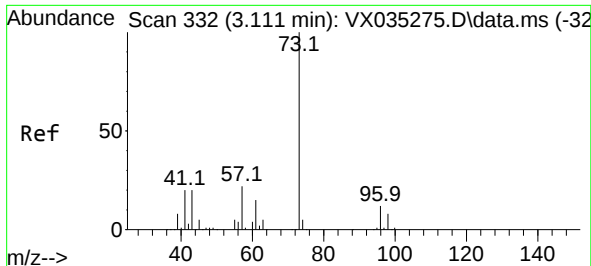


#18
Methyl Acetate
Concen: 81.948 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion: 43 Resp: 336354
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5





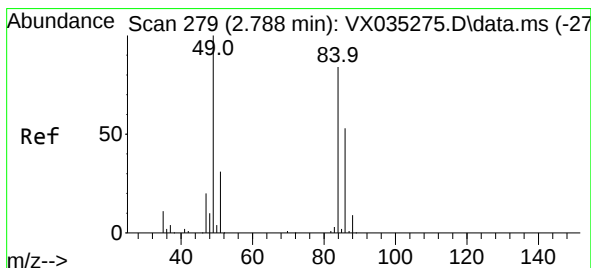
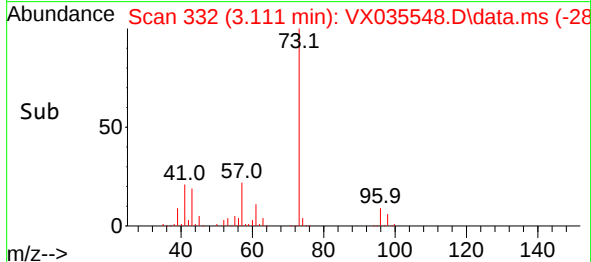
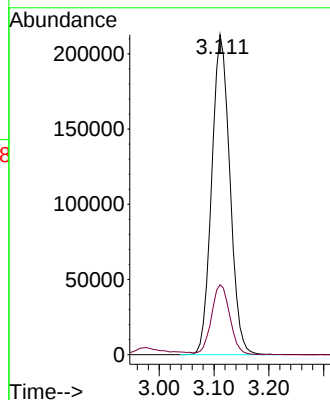
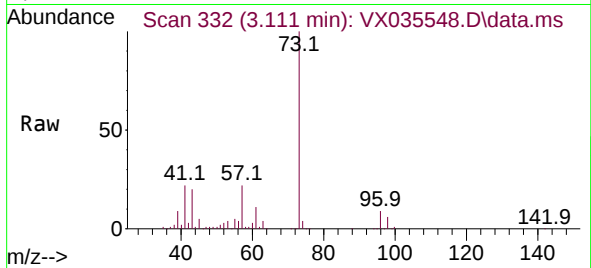
#19
Methyl tert-butyl Ether
Concen: 72.440 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD

Tgt Ion: 73 Resp: 48895
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

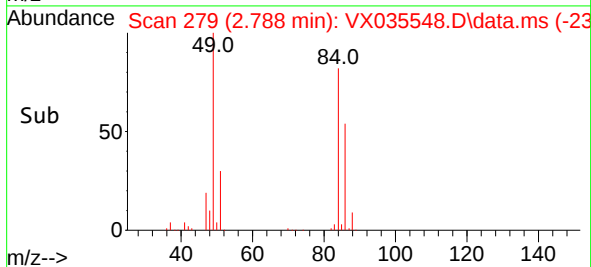
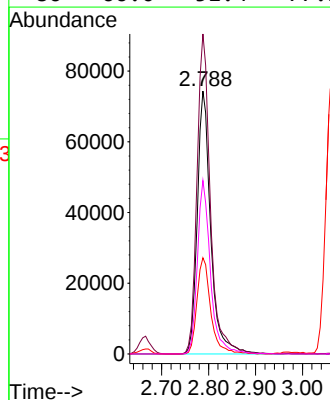
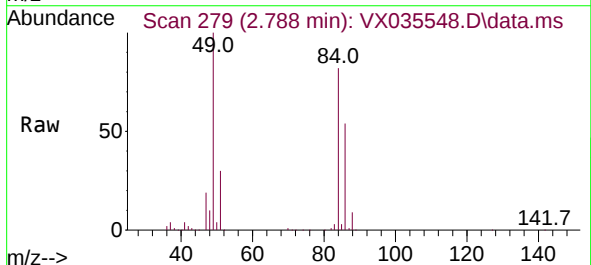
Manual Integrations
APPROVED

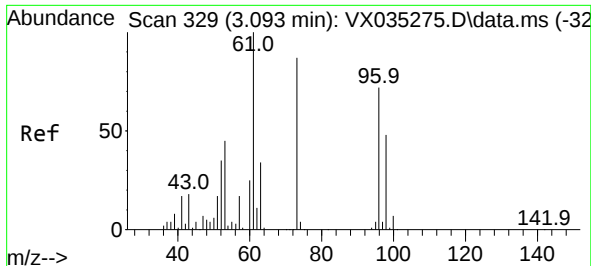
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#20
Methylene Chloride
Concen: 60.891 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

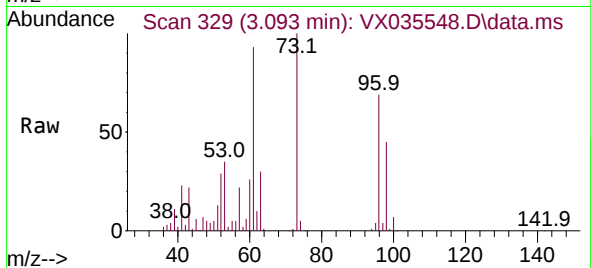
Tgt Ion: 84 Resp: 148195
Ion Ratio Lower Upper
84 100
49 121.8 103.8 155.8
51 36.6 31.8 47.8
86 66.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 55.294 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

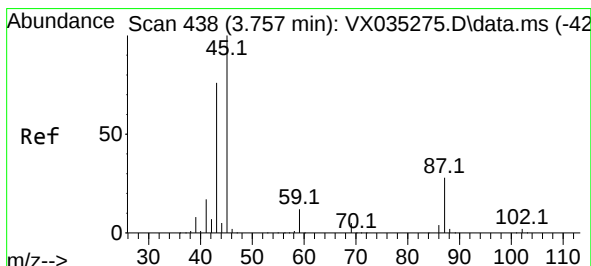
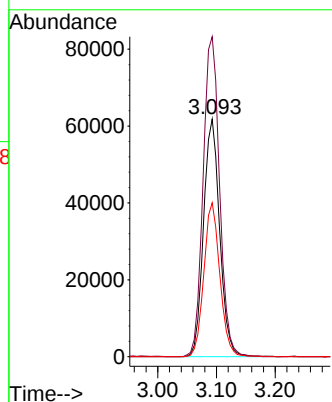
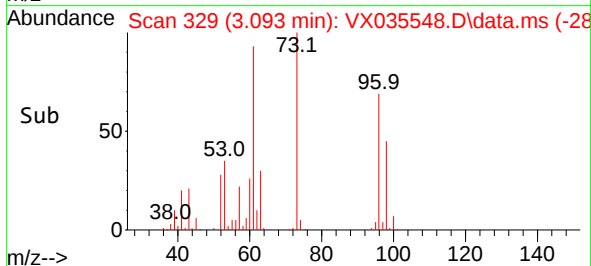
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 96 Resp: 11815
Ion Ratio Lower Upper
96 100
61 134.7 113.0 169.6
98 64.8 52.1 78.1

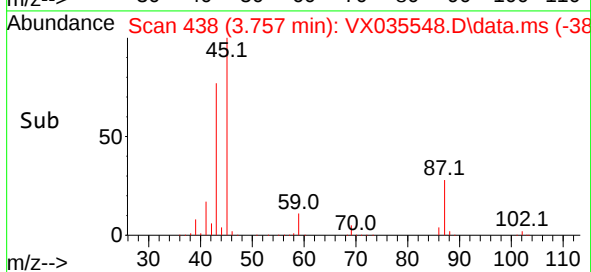
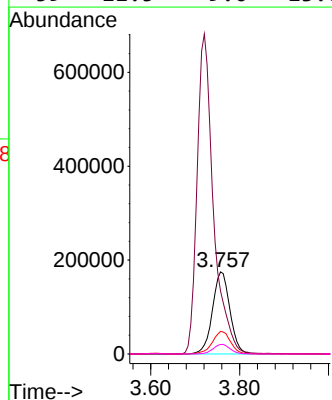
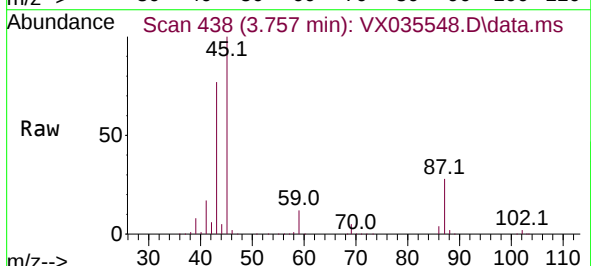
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#22
Diisopropyl ether
Concen: 69.444 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

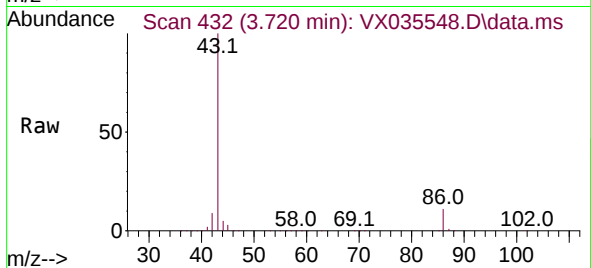
Tgt Ion: 45 Resp: 475794
Ion Ratio Lower Upper
45 100
43 76.6 65.4 98.2
87 27.6 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 370.779 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54

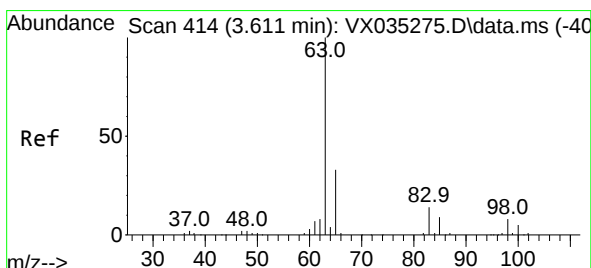
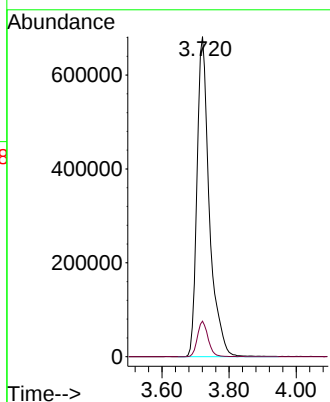
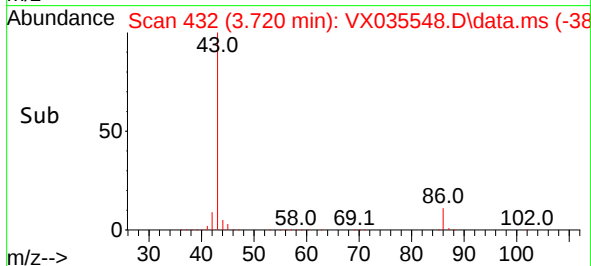
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MSD



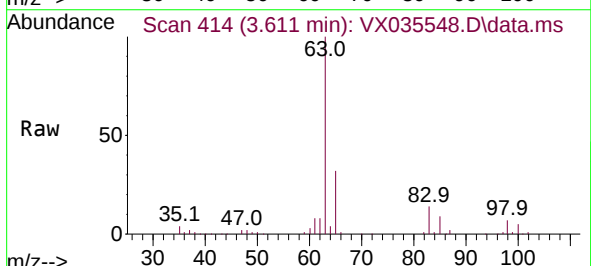
Tgt Ion: 43 Resp: 174619
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7

Manual Integrations
 APPROVED

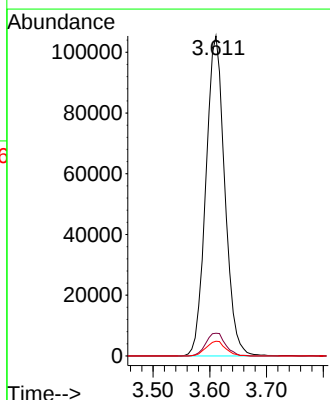
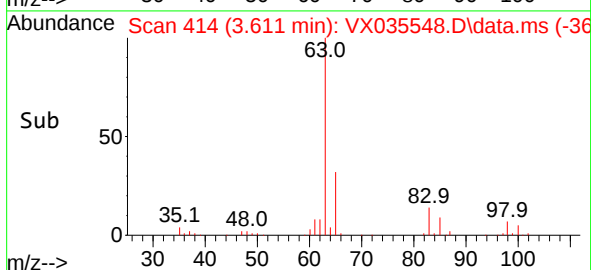
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

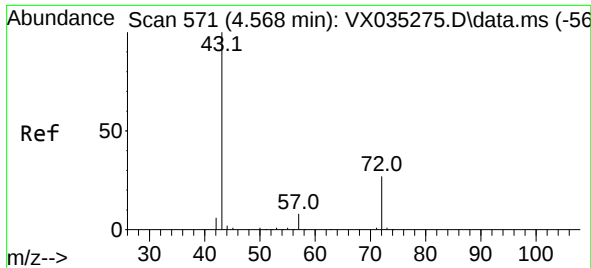


#24
 1,1-Dichloroethane
 Concen: 63.157 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54



Tgt Ion: 63 Resp: 243739
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.6 2.4 7.1





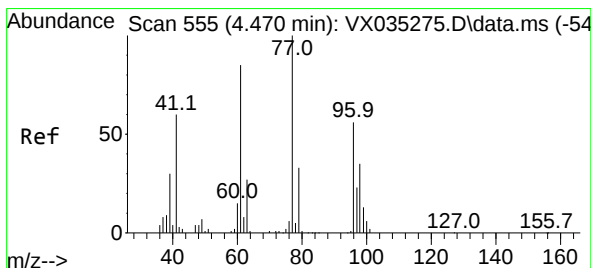
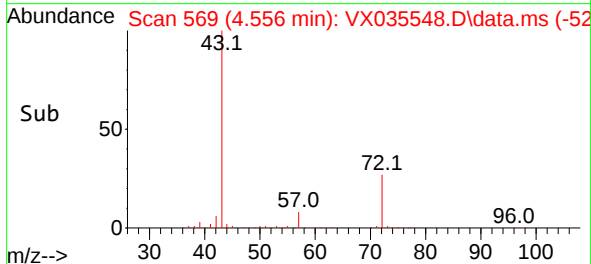
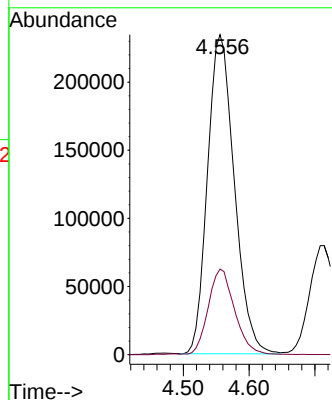
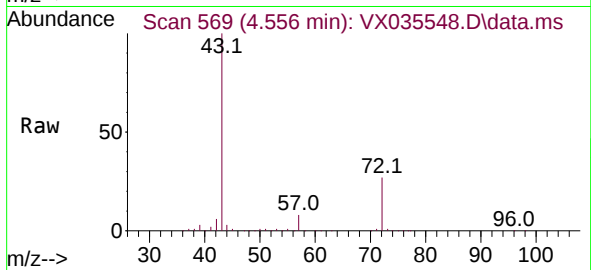
#25
2-Butanone
Concen: 429.143 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD

Tgt Ion: 43 Resp: 664840
Ion Ratio Lower Upper
43 100
72 26.7 19.3 28.9

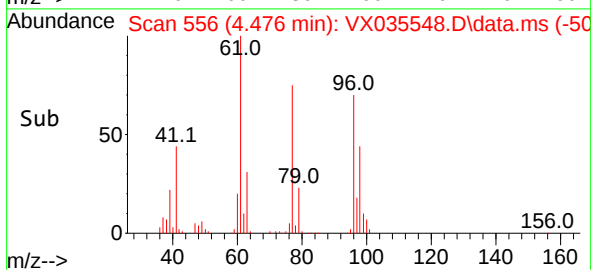
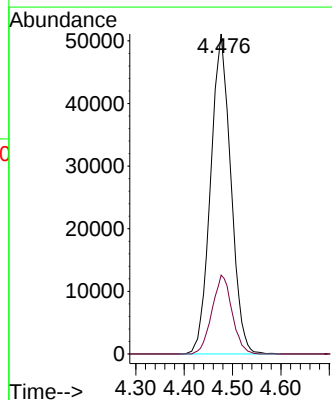
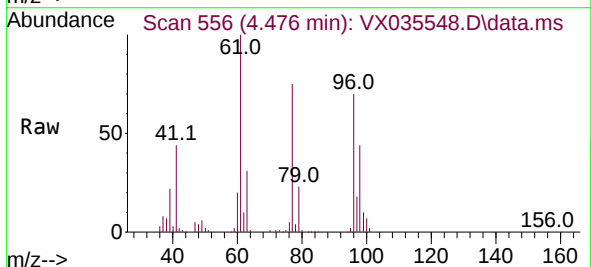
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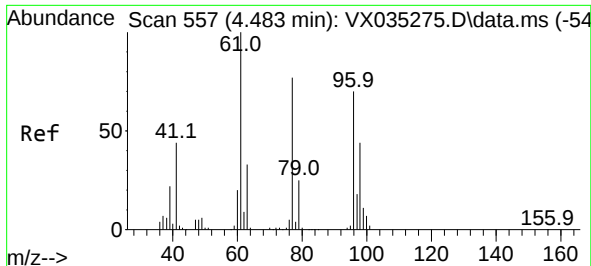
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#26
2,2-Dichloropropane
Concen: 49.161 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion: 77 Resp: 148638
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 63.106 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 96 Resp: 158504

Ion Ratio Lower Upper

96 100

61 137.5 0.0 300.4

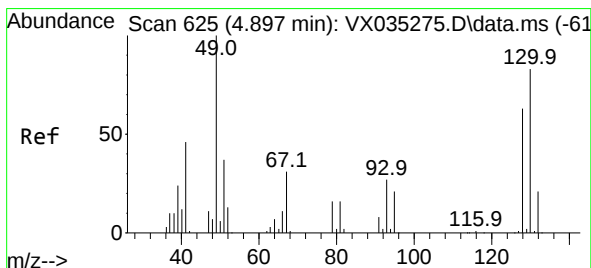
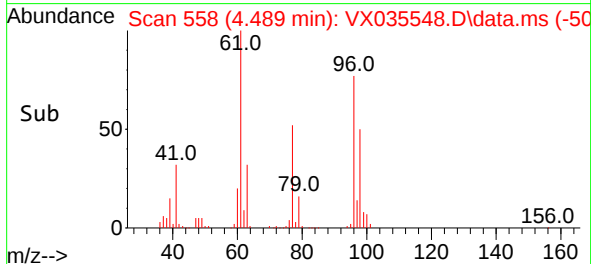
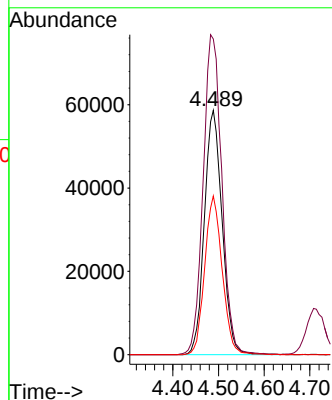
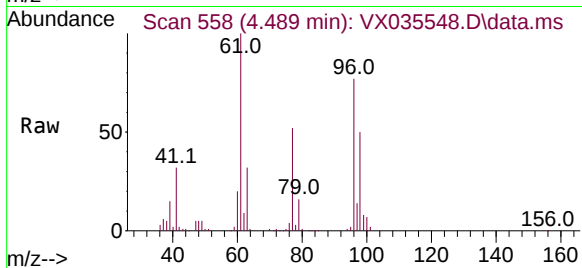
98 64.1 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#28

Bromochloromethane

Concen: 72.536 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

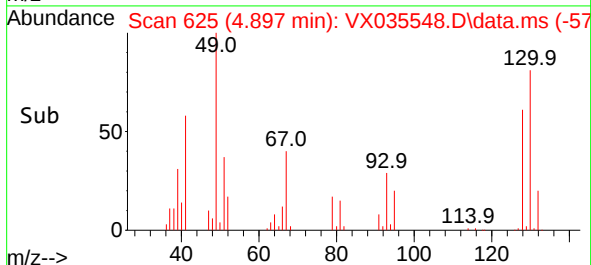
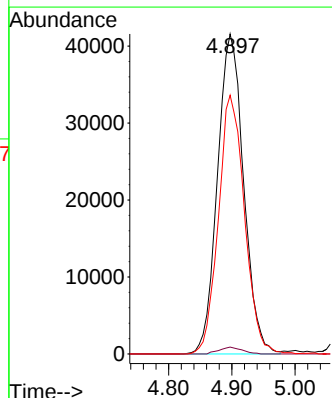
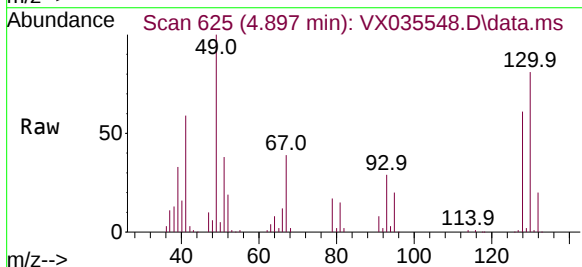
Tgt Ion: 49 Resp: 119296

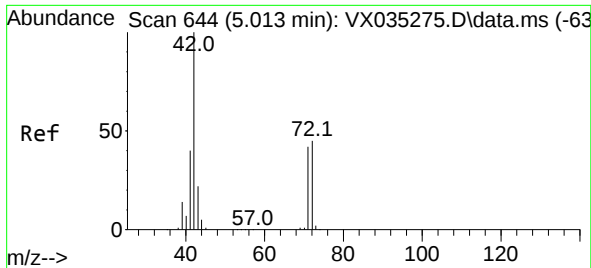
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 80.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 426.725 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX035548.D

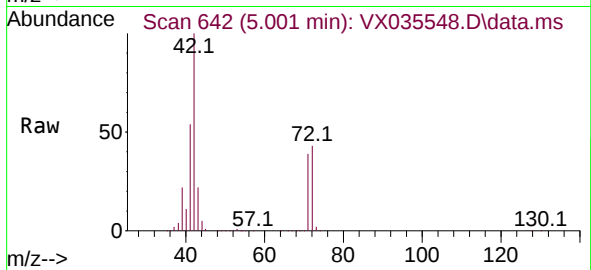
Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD



Tgt Ion: 42 Resp: 42379

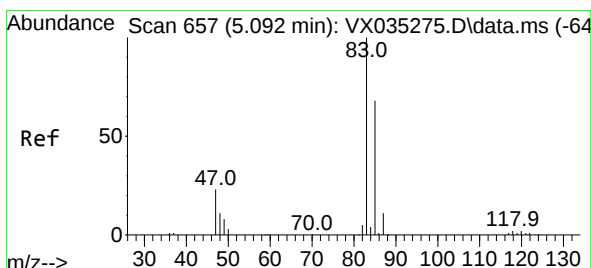
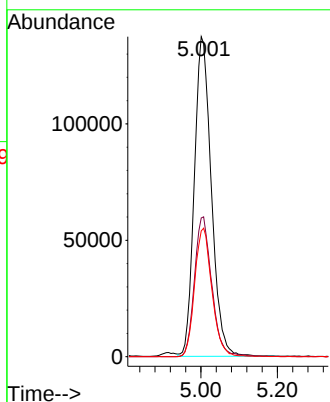
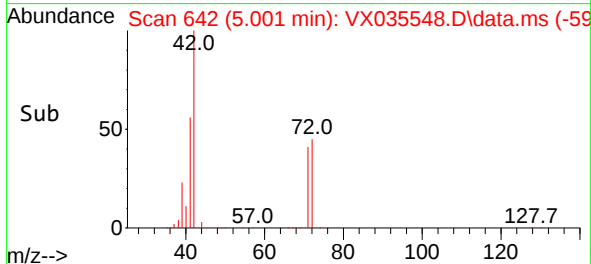
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.5	51.7
71	40.8	32.1	48.1

Manual Integrations

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Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#30

Chloroform

Concen: 64.430 ug/l

RT: 5.092 min Scan# 657

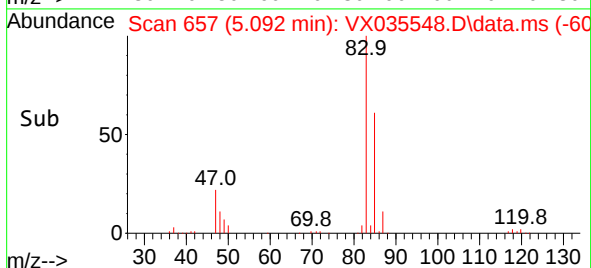
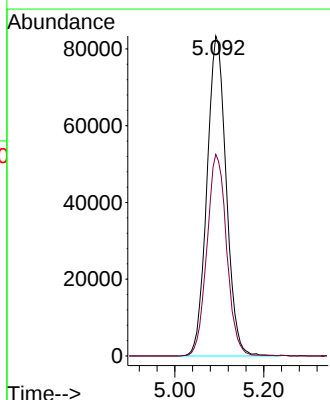
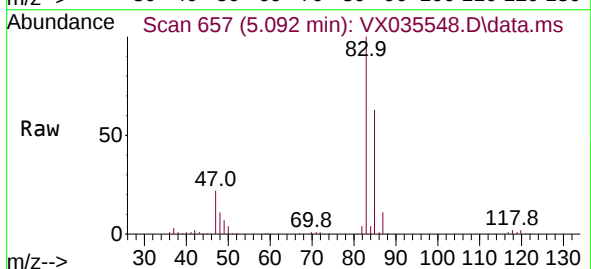
Delta R.T. 0.000 min

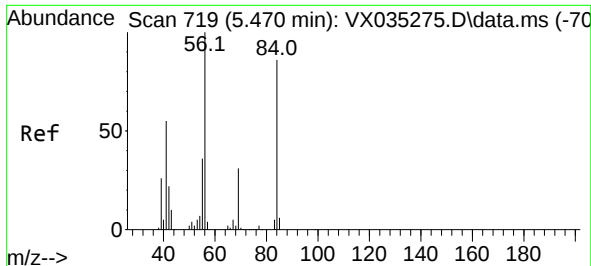
Lab File: VX035548.D

Acq: 05 May 2023 19:54

Tgt Ion: 83 Resp: 251017

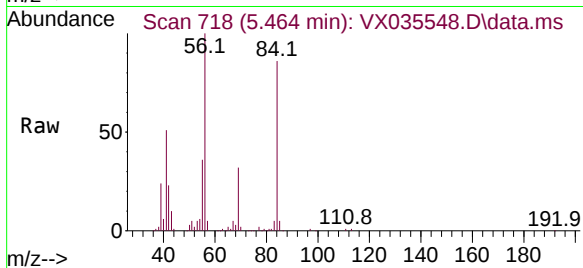
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0





#31
Cyclohexane
Concen: 41.281 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

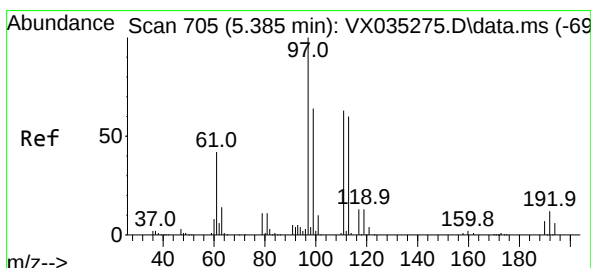
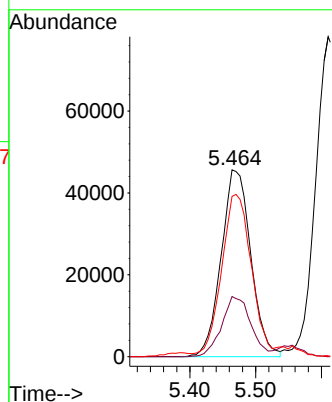
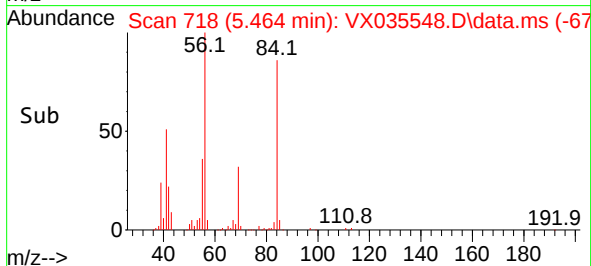
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



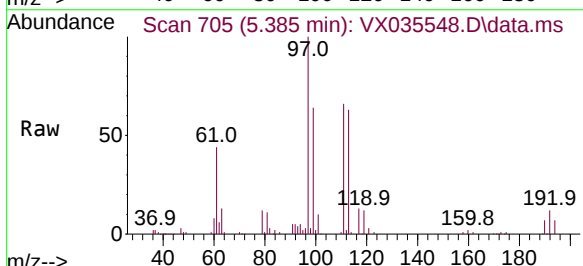
Tgt Ion: 56 Resp: 14311
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 83.7 68.5 102.7

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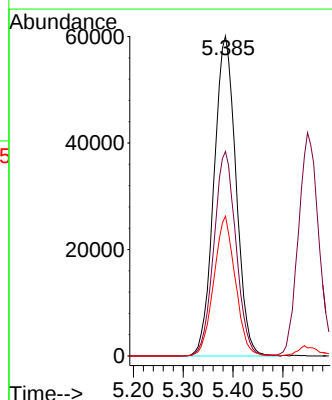
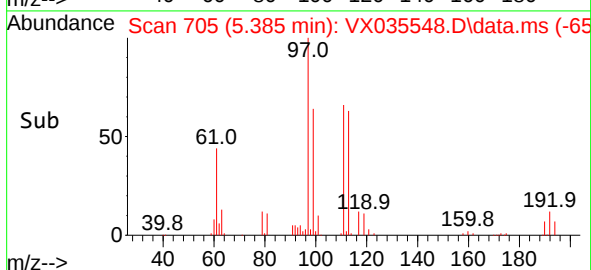
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

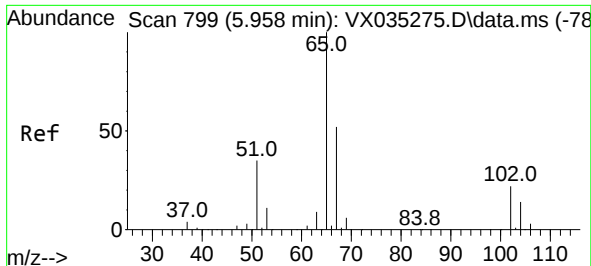


#32
1,1,1-Trichloroethane
Concen: 53.994 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion: 97 Resp: 184355
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 42.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 58.351 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 65 Resp: 142602

Ion Ratio Lower Upper

65 100

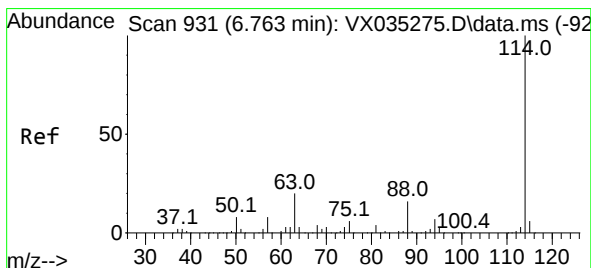
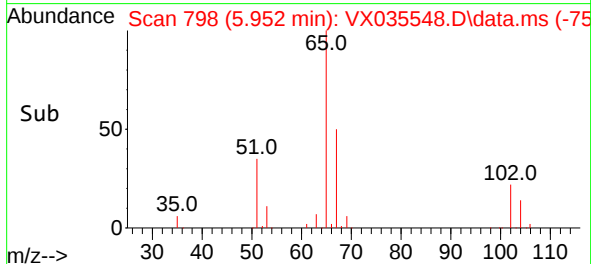
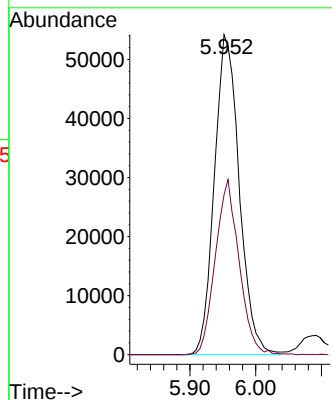
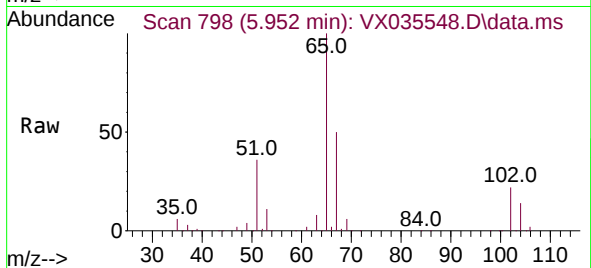
67 52.4 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

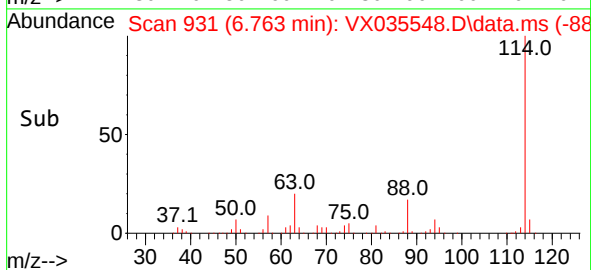
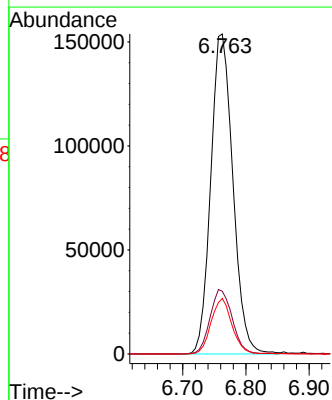
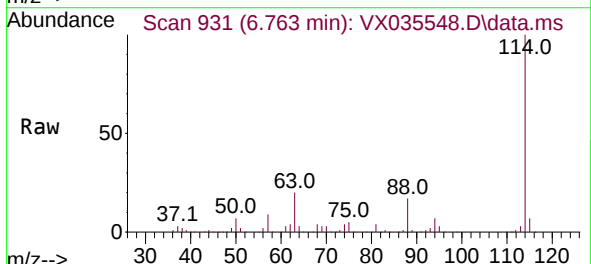
Tgt Ion:114 Resp: 373363

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

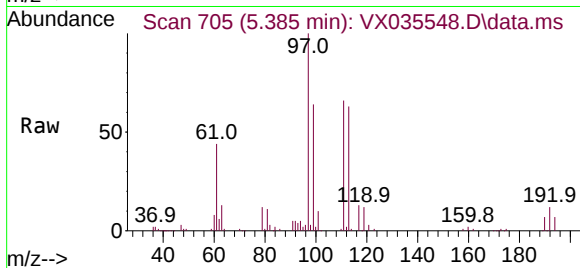
88 17.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.380 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

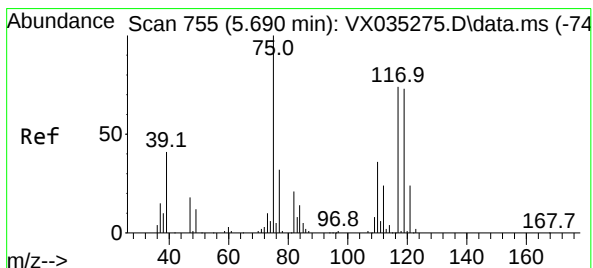
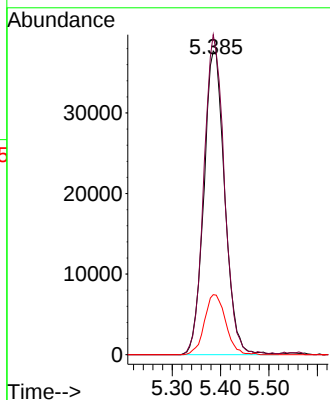
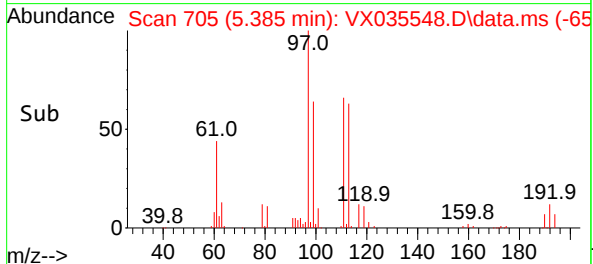
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 113 Resp: 113160
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 20.1 15.4 23.2

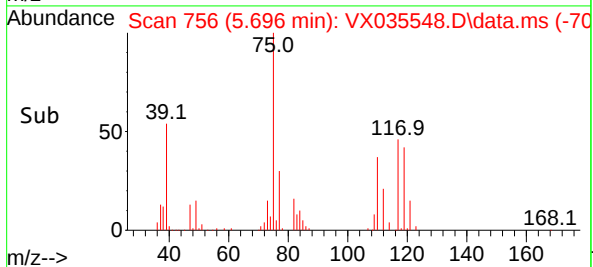
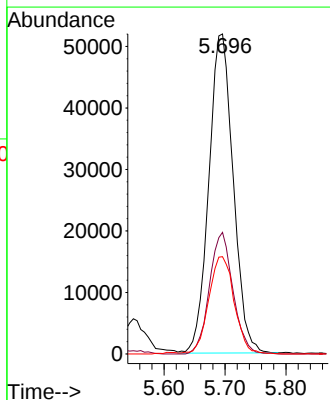
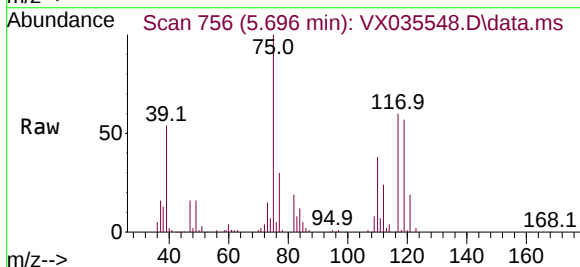
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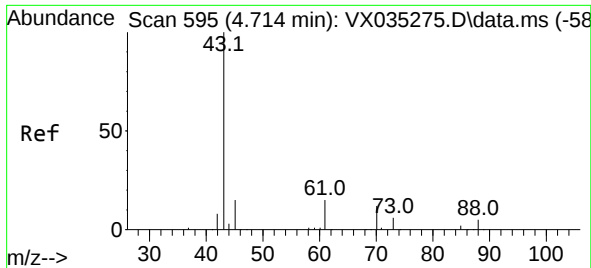
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#36
1,1-Dichloropropene
Concen: 40.271 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion: 75 Resp: 144099
Ion Ratio Lower Upper
75 100
110 36.8 17.5 52.5
77 32.0 24.3 36.5





#37

Ethyl Acetate

Concen: 71.976 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 43 Resp: 235225

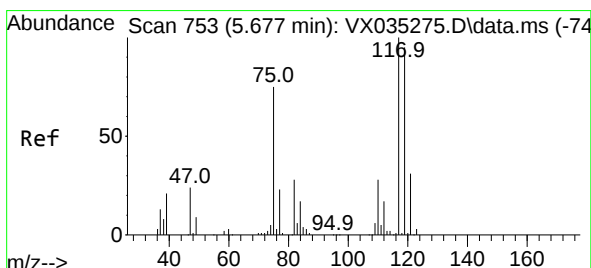
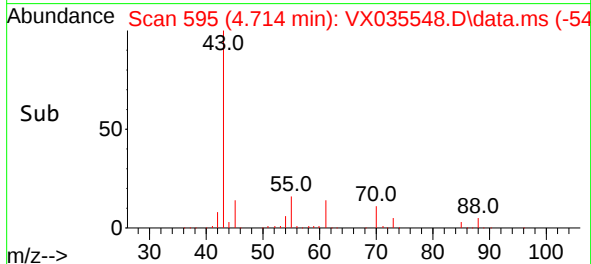
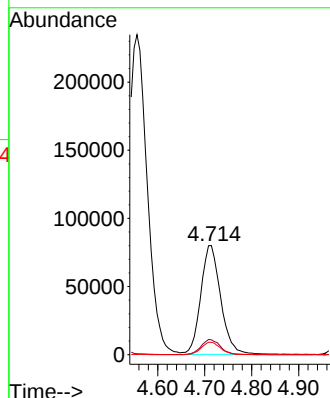
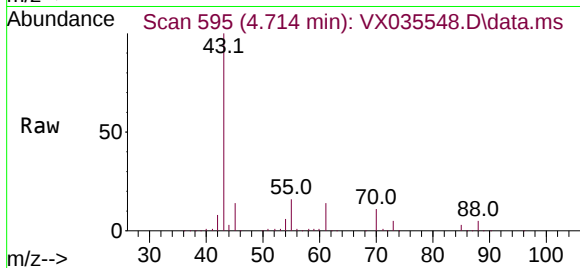
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	11.1	8.2	12.4

Manual Integrations

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Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#38

Carbon Tetrachloride

Concen: 42.023 ug/l

RT: 5.677 min Scan# 753

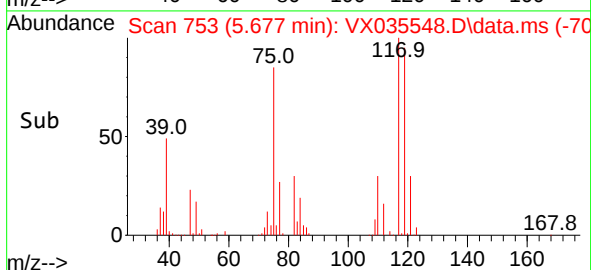
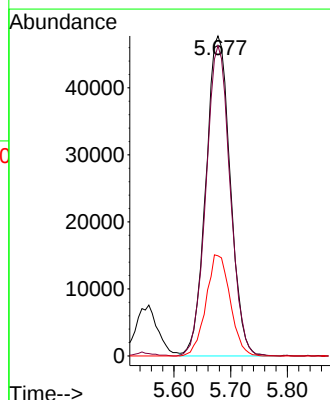
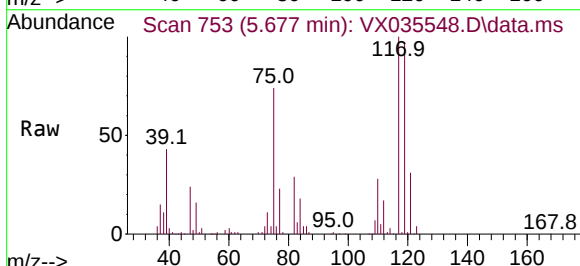
Delta R.T. 0.000 min

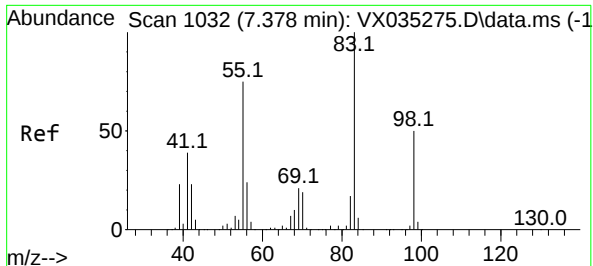
Lab File: VX035548.D

Acq: 05 May 2023 19:54

Tgt Ion:117 Resp: 142744

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
121	31.3	23.8	35.6





#39

Methylcyclohexane

Concen: 31.206 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

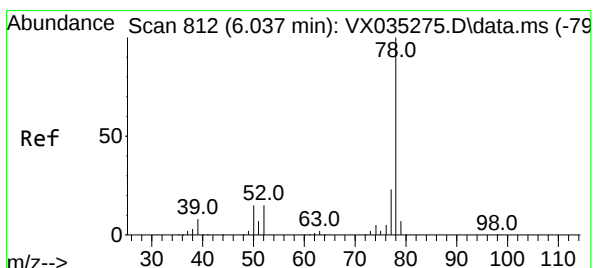
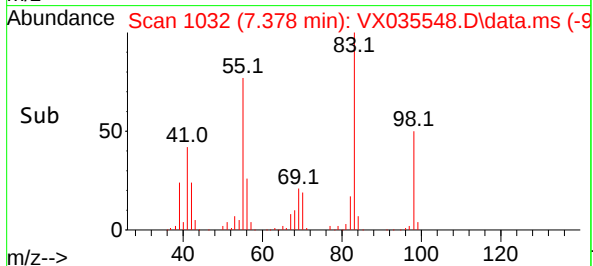
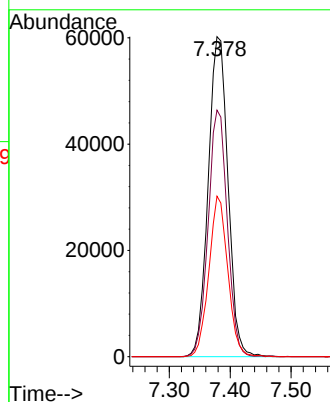
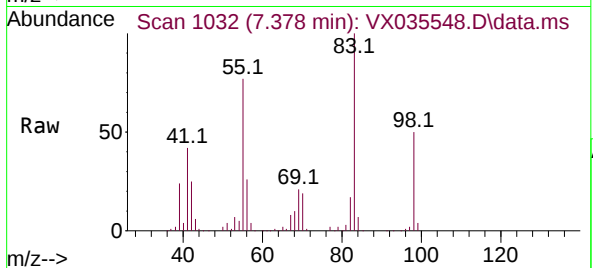
Tgt Ion: 83	Resp: 13591
Ion Ratio	Lower Upper
83	100
55	77.0 60.5 90.7
98	50.2 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#40

Benzene

Concen: 53.188 ug/l

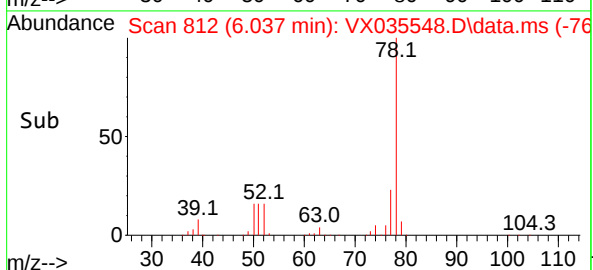
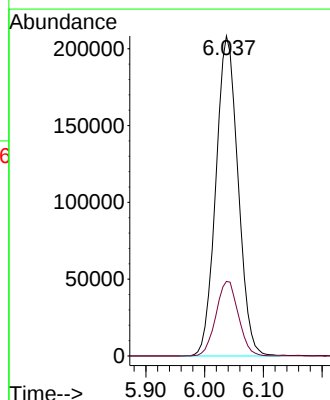
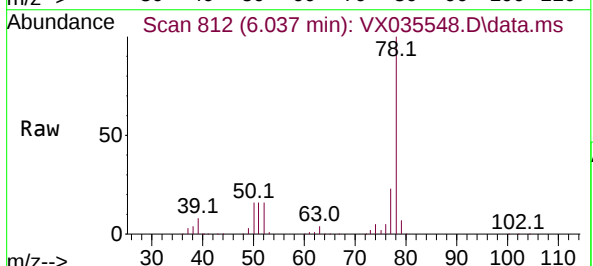
RT: 6.037 min Scan# 812

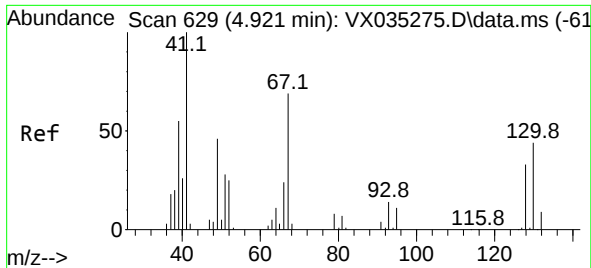
Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

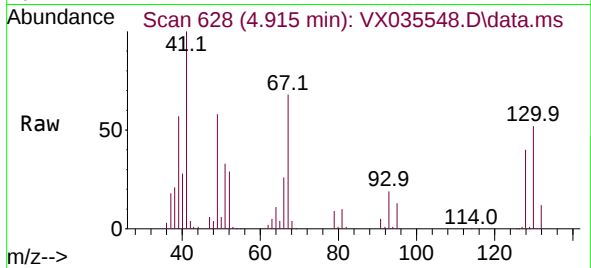
Tgt Ion: 78	Resp: 545958
Ion Ratio	Lower Upper
78	100
77	23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 71.021 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

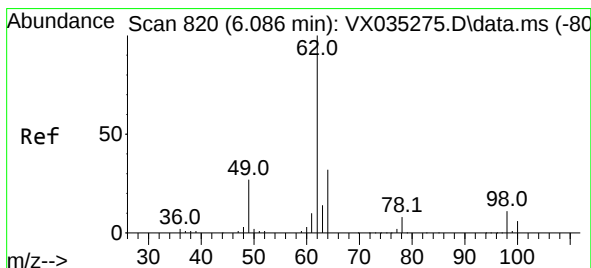
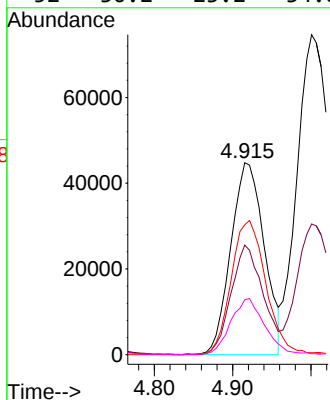
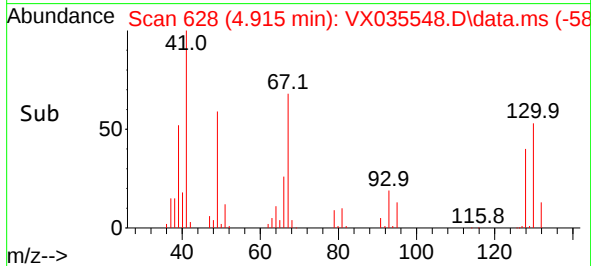
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion:	41	Resp:	132990
Ion Ratio	100	Lower	Upper
39	54.4	45.0	67.6
67	73.1	55.6	83.4
52	30.2	23.2	34.8

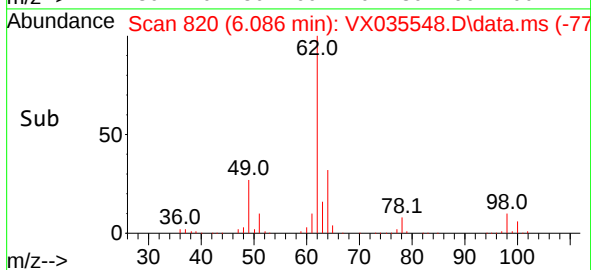
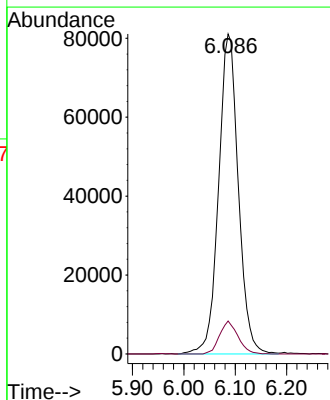
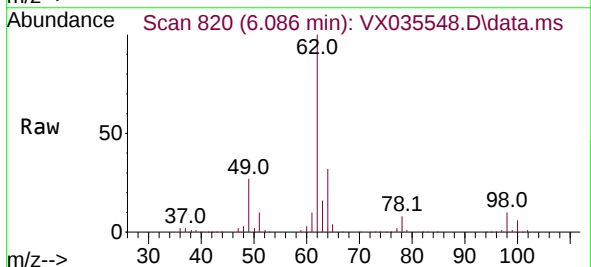
Manual Integrations
APPROVED

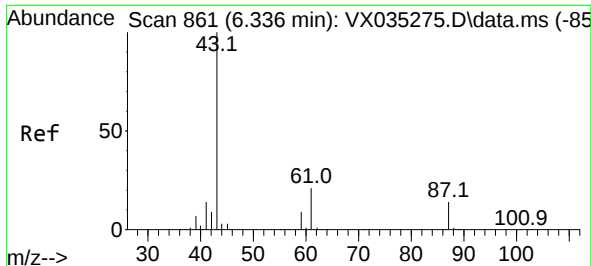
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#42
1,2-Dichloroethane
Concen: 59.089 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

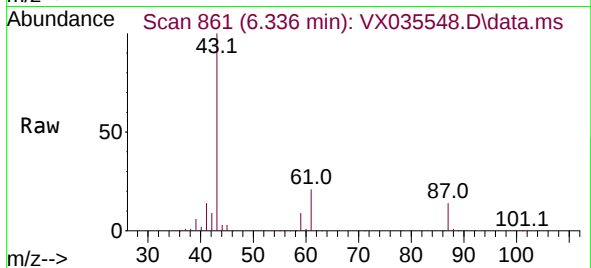
Tgt Ion:	62	Resp:	216256
Ion Ratio	100	Lower	Upper
98	9.6	0.0	18.0





#43
Isopropyl Acetate
Concen: 68.784 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

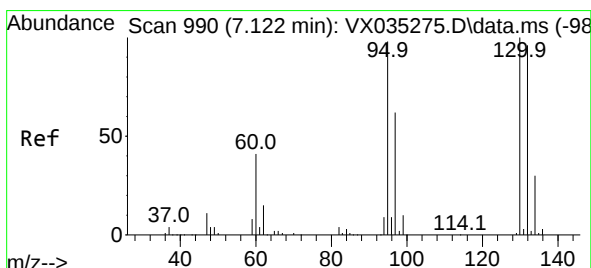
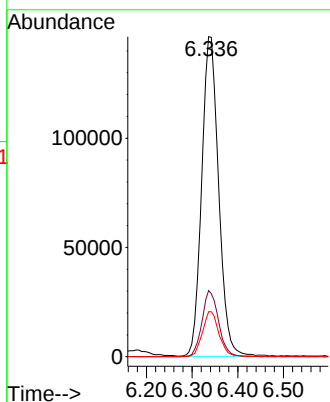
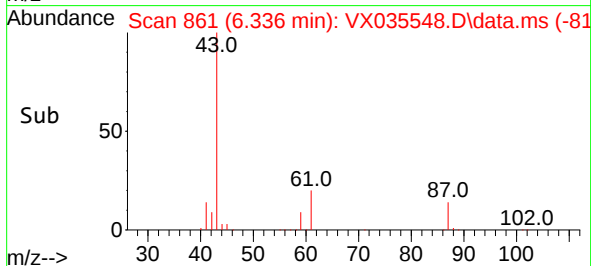
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 43 Resp: 377719
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.8 9.8 14.8

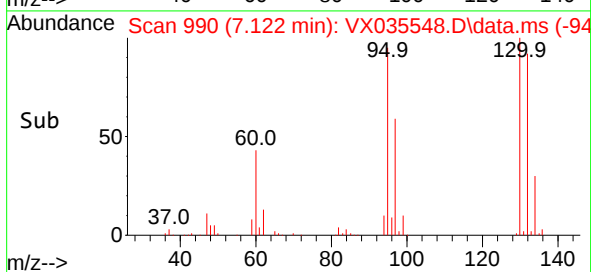
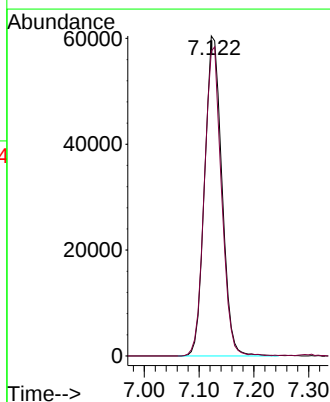
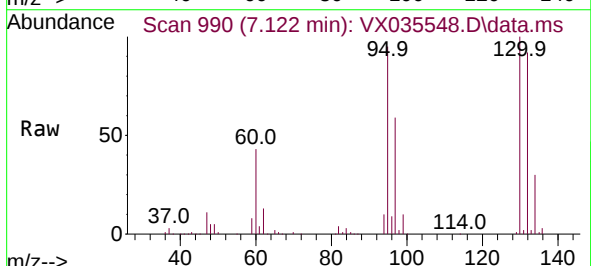
Manual Integrations
APPROVED

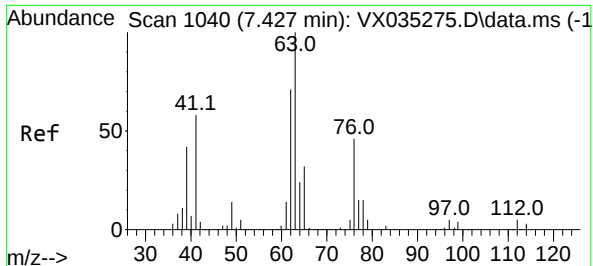
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#44
Trichloroethene
Concen: 46.638 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion:130 Resp: 131878
Ion Ratio Lower Upper
130 100
95 95.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 56.419 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 63 Resp: 146004

Ion Ratio Lower Upper

63 100

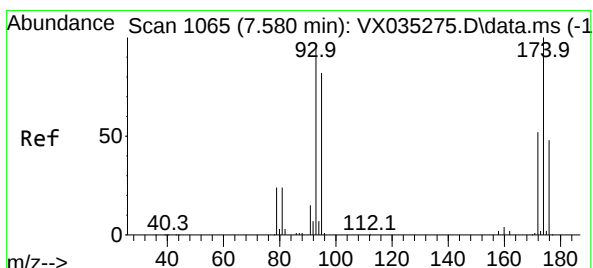
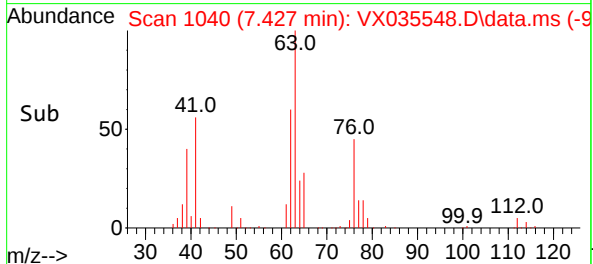
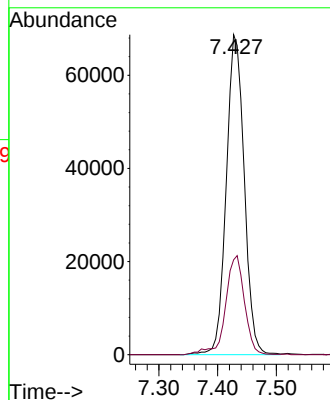
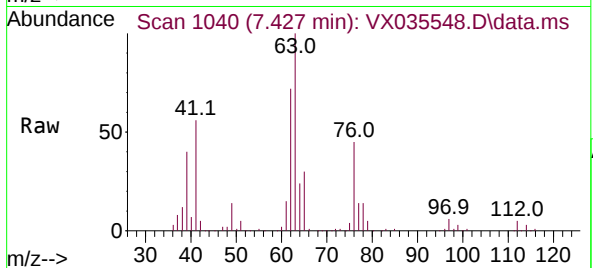
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#46

Dibromomethane

Concen: 60.017 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

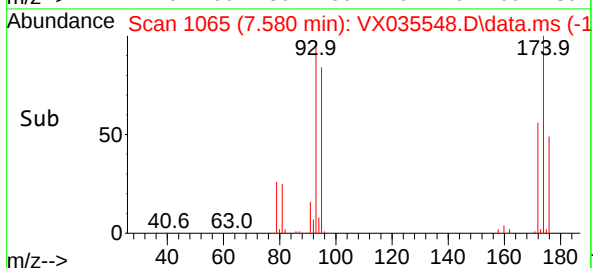
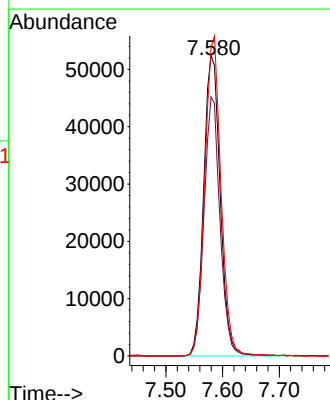
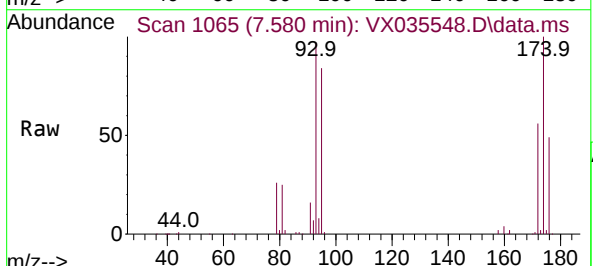
Tgt Ion: 93 Resp: 106657

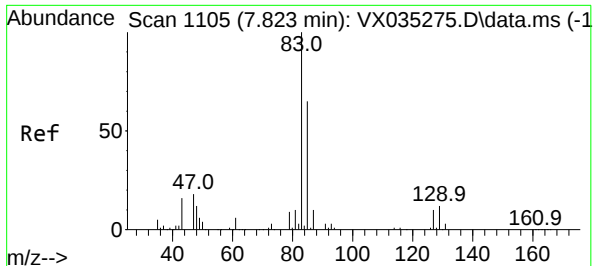
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

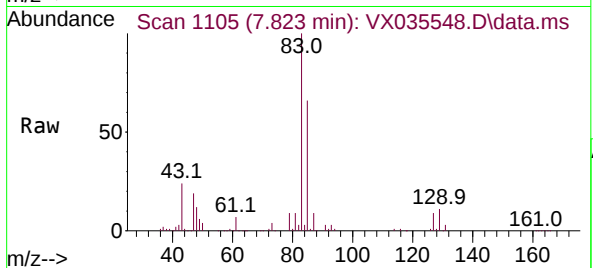
174 104.1 75.4 113.0





#47
Bromodichloromethane
Concen: 58.407 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

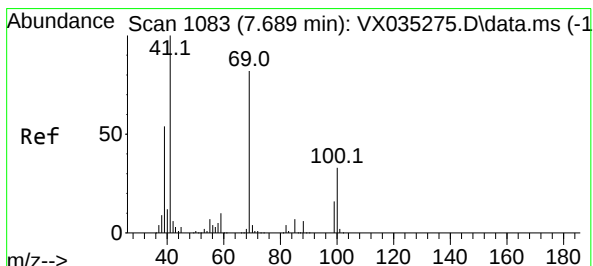
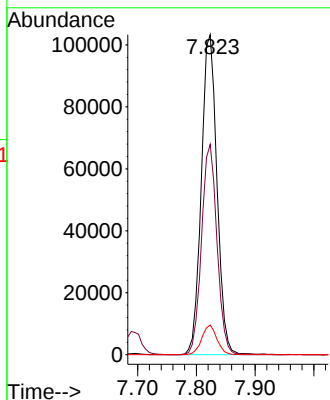
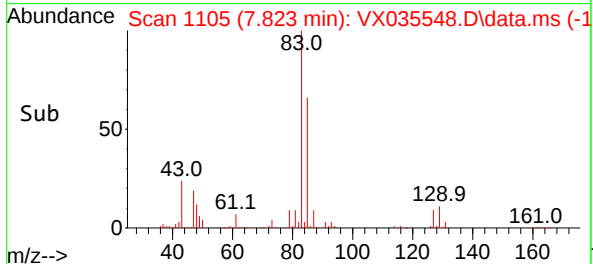
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 83 Resp: 191240
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4
127 9.3 6.6 9.8

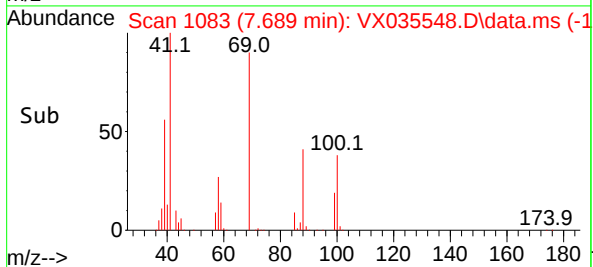
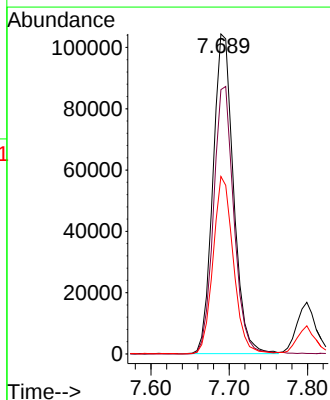
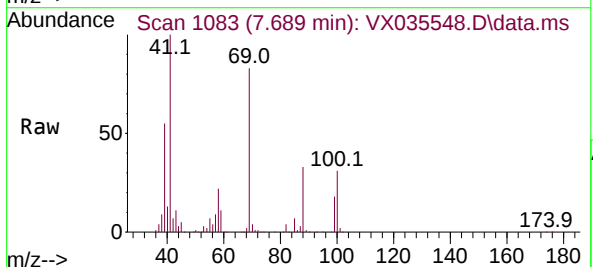
Manual Integrations
APPROVED

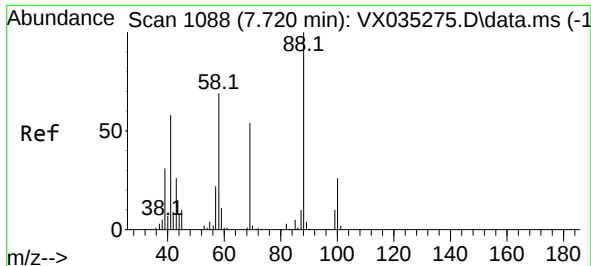
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#48
Methyl methacrylate
Concen: 70.777 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion: 41 Resp: 190652
Ion Ratio Lower Upper
41 100
69 83.1 62.2 93.4
39 54.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1409.190 ug/l

RT: 7.689 min Scan# 1088

Delta R.T. -0.031 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 88 Resp: 9252

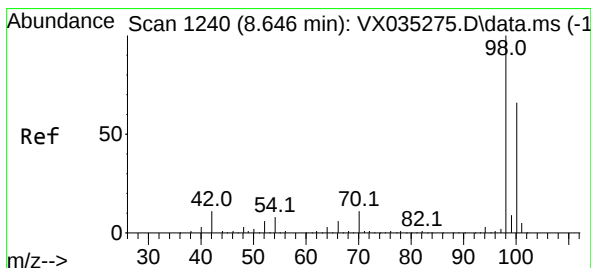
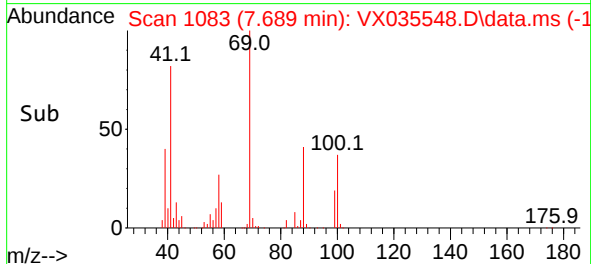
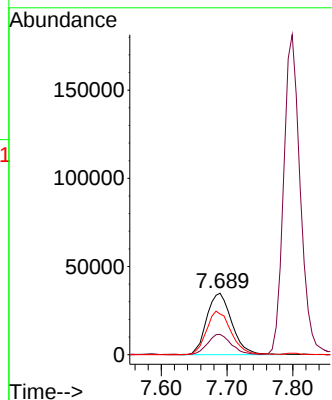
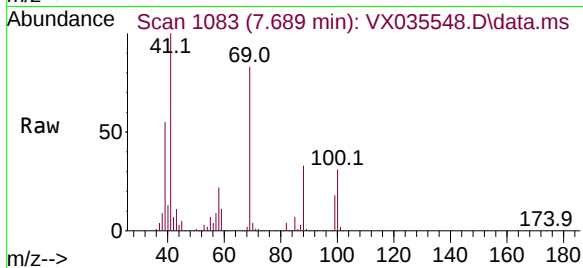
Ion	Ratio	Lower	Upper
88	100		
43	30.6	27.7	41.5
58	69.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#50

Toluene-d8

Concen: 41.393 ug/l

RT: 8.653 min Scan# 1241

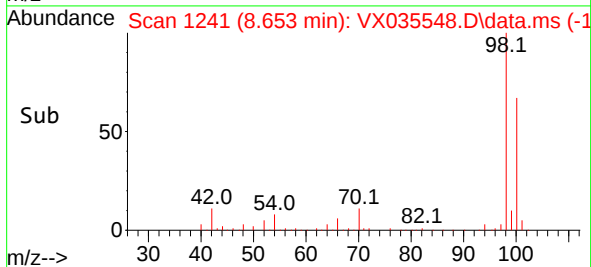
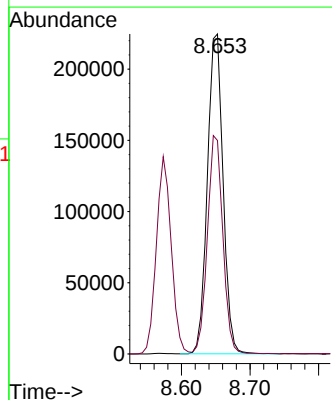
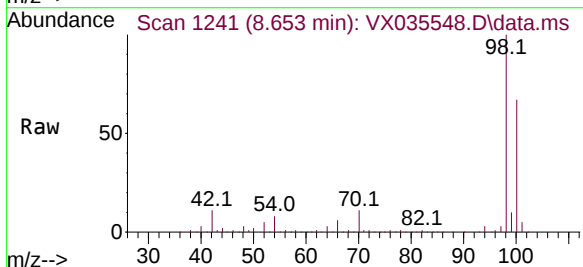
Delta R.T. 0.007 min

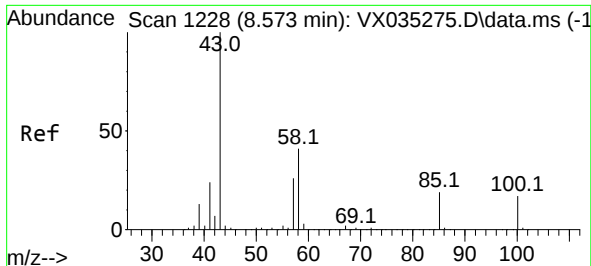
Lab File: VX035548.D

Acq: 05 May 2023 19:54

Tgt Ion: 98 Resp: 357831

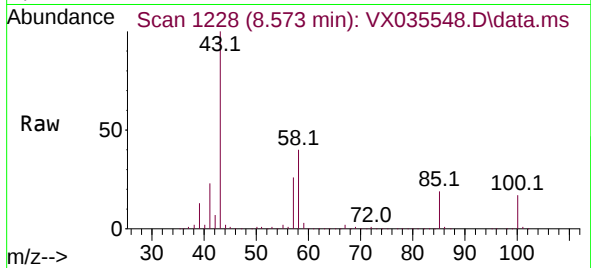
Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 369.710 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

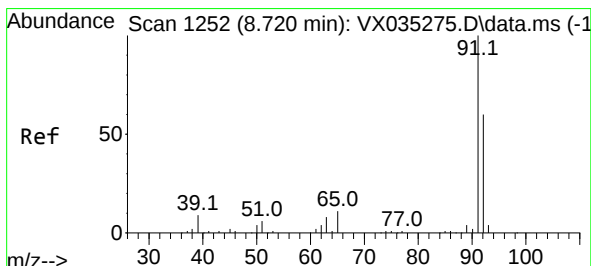
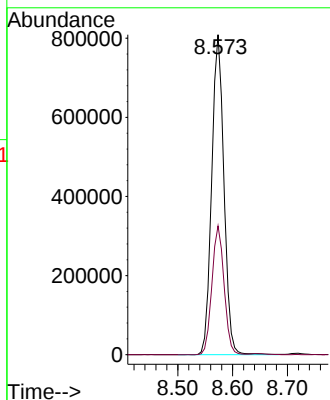
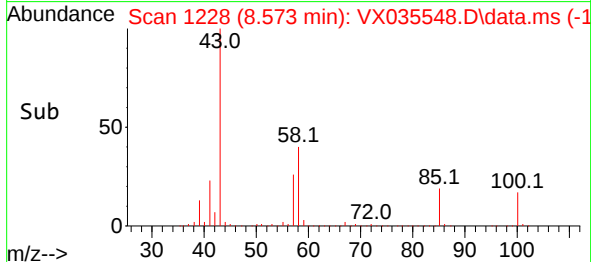
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



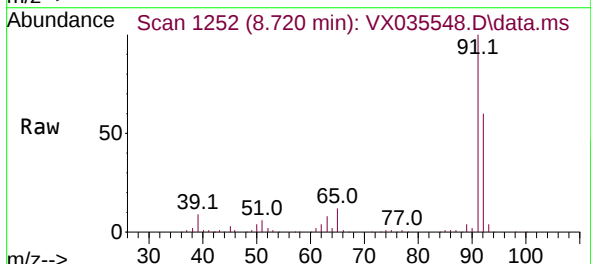
Tgt Ion: 43 Resp: 1247300
Ion Ratio Lower Upper
43 100
58 40.0 30.6 46.0

Manual Integrations
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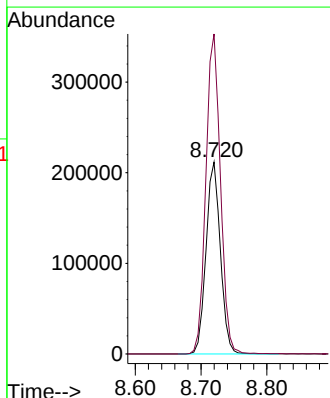
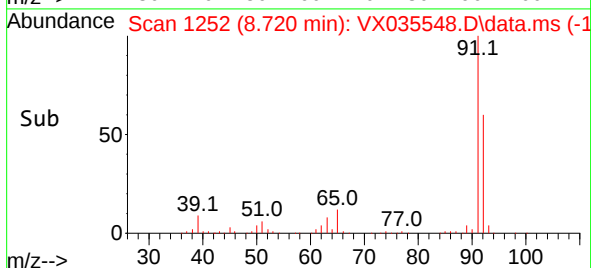
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

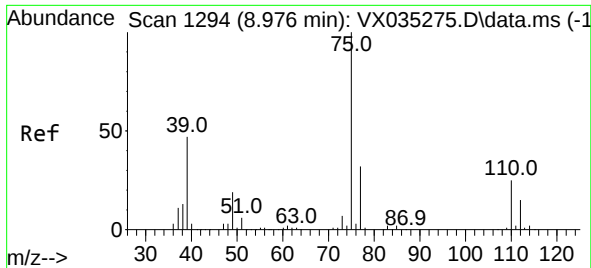


#52
Toluene
Concen: 49.419 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



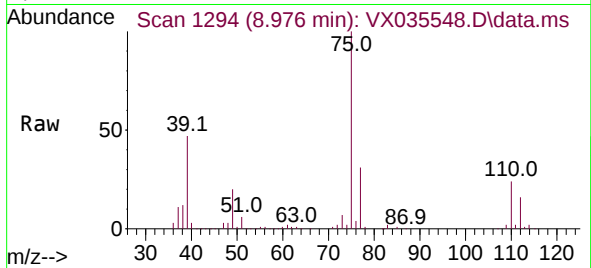
Tgt Ion: 92 Resp: 321541
Ion Ratio Lower Upper
92 100
91 169.5 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 61.955 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

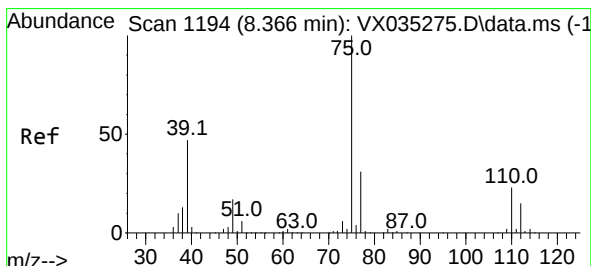
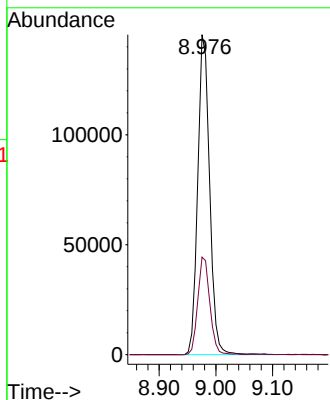
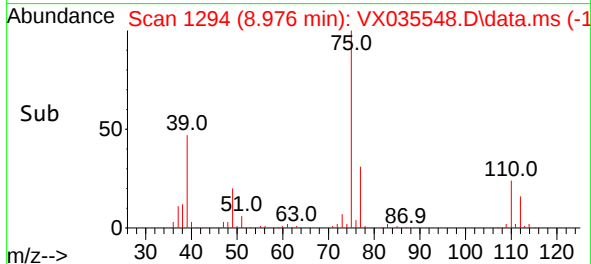
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



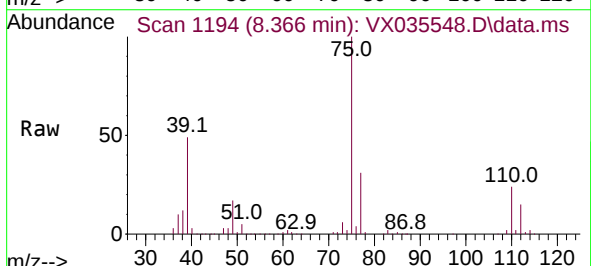
Tgt Ion: 75 Resp: 211848
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

Manual Integrations
APPROVED

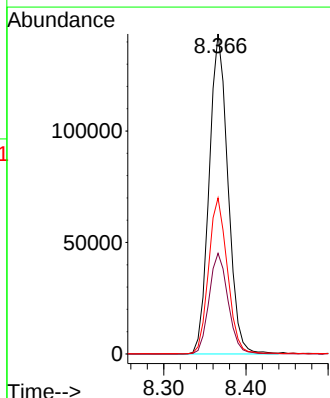
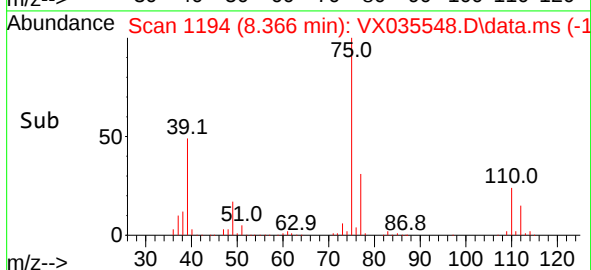
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

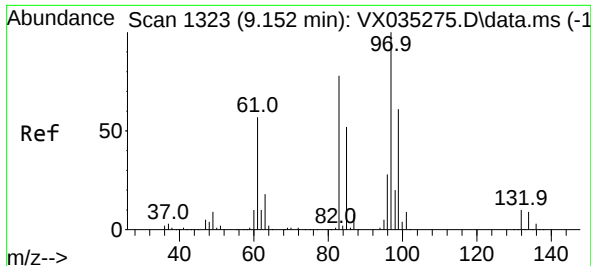


#54
cis-1,3-Dichloropropene
Concen: 58.972 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



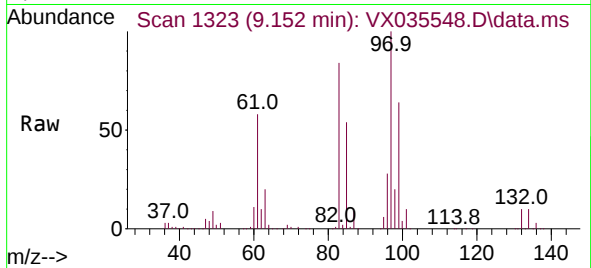
Tgt Ion: 75 Resp: 227922
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 48.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 58.774 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

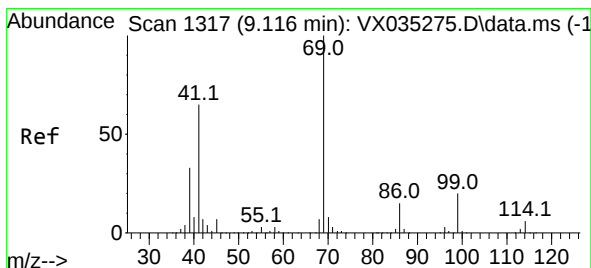
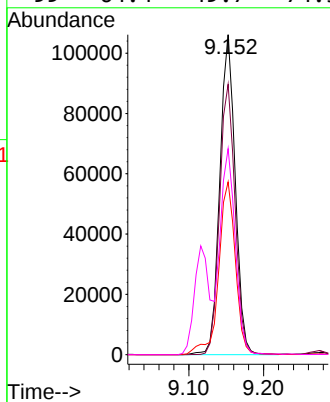
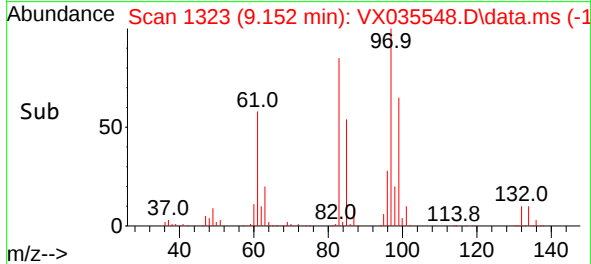
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



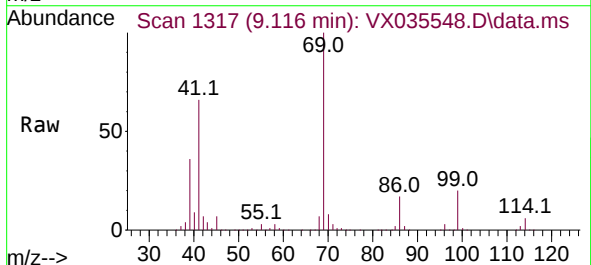
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	54.0	43.7	65.5
99	64.4	49.7	74.5

Manual Integrations
APPROVED

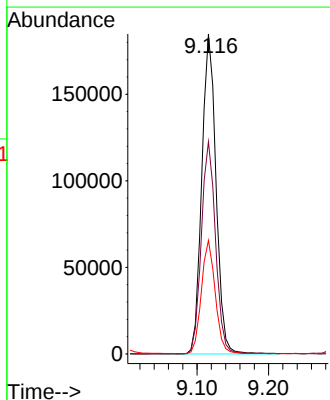
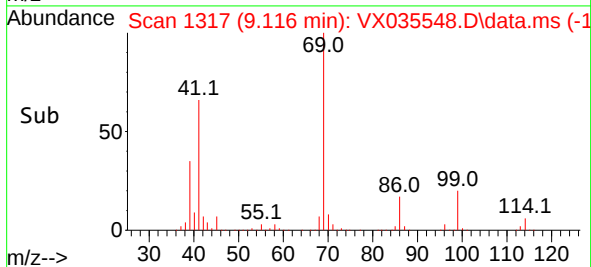
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

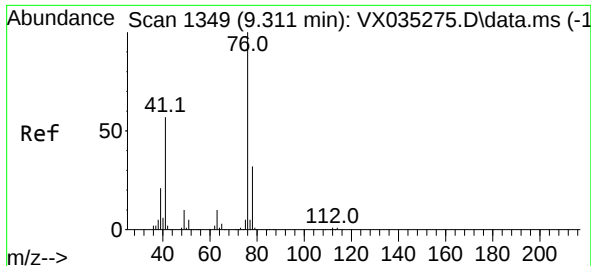


#56
Ethyl methacrylate
Concen: 66.184 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	57.4	86.0
39	34.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 58.905 ug/l

RT: 9.311 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion: 76 Resp: 26133

Ion Ratio Lower Upper

76 100

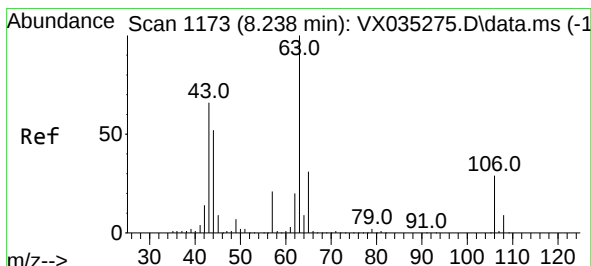
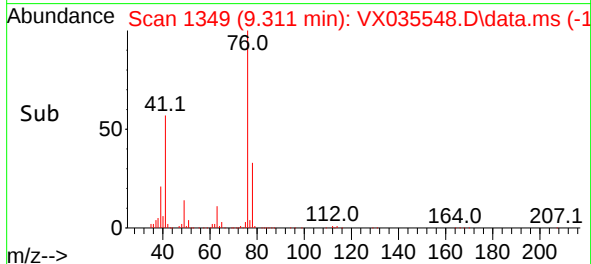
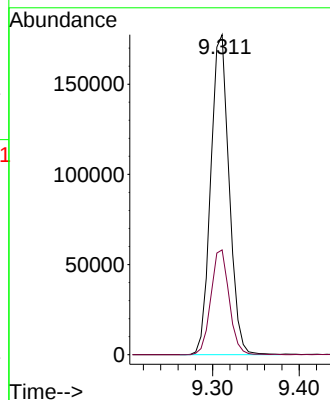
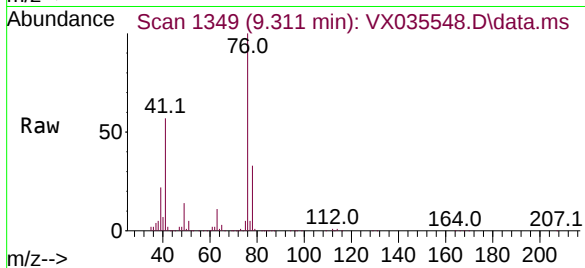
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 0.636 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.134 min

Lab File: VX035548.D

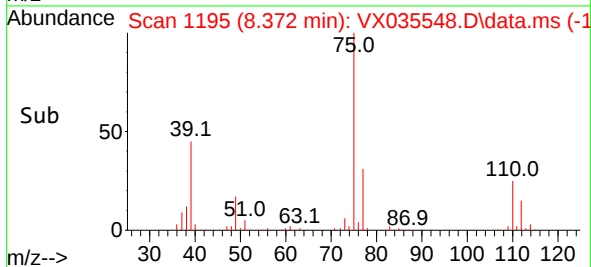
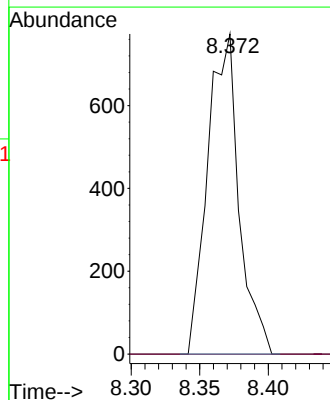
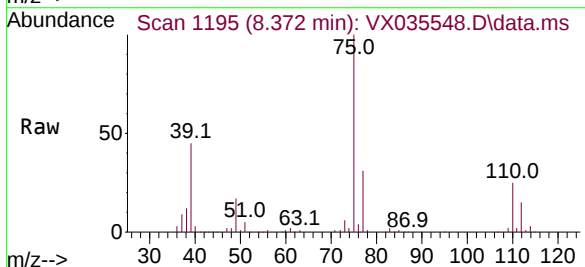
Acq: 05 May 2023 19:54

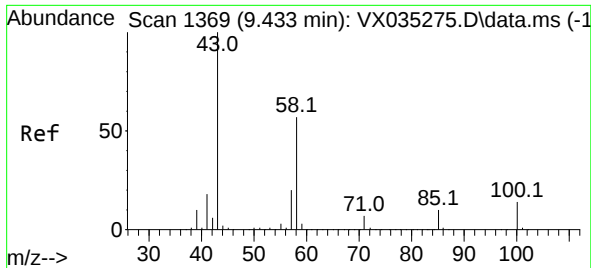
Tgt Ion: 63 Resp: 1229

Ion Ratio Lower Upper

63 100

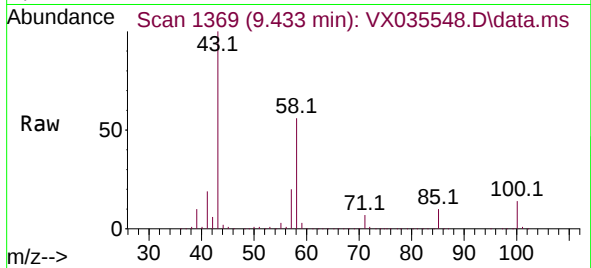
106 0.0 22.2 33.2#





#59
2-Hexanone
Concen: 373.040 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

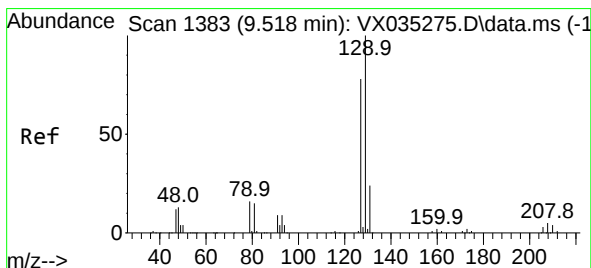
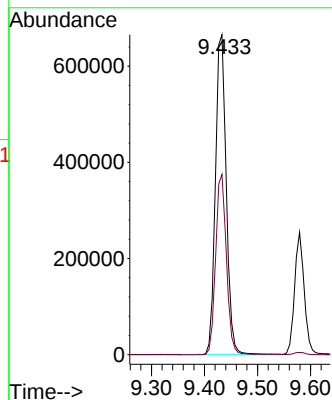
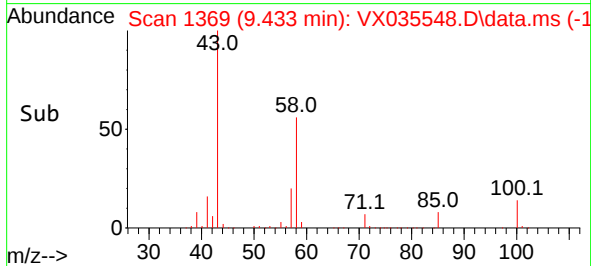
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 43 Resp: 945470
Ion Ratio Lower Upper
43 100
58 56.2 26.3 78.9

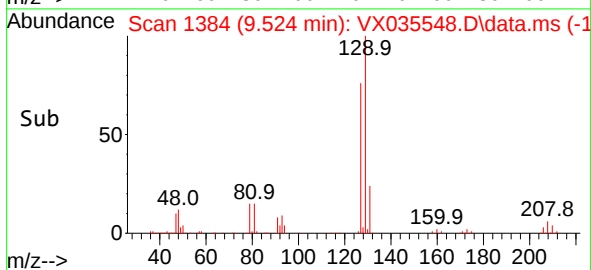
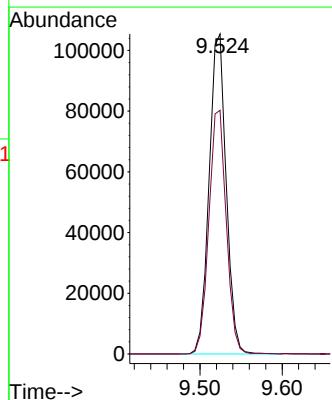
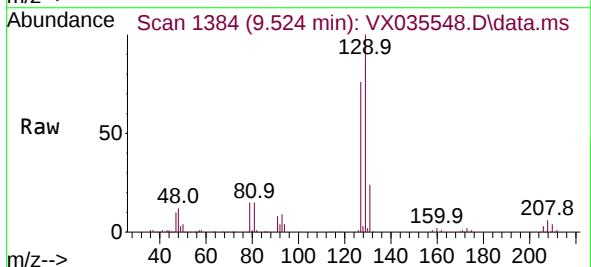
Manual Integrations
APPROVED

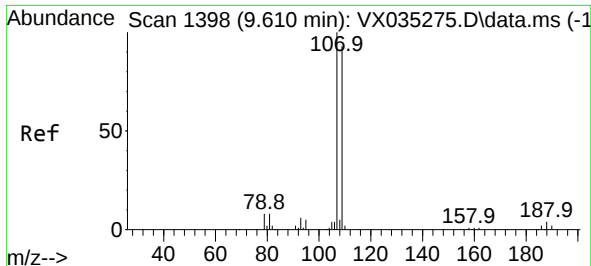
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#60
Dibromochloromethane
Concen: 61.087 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

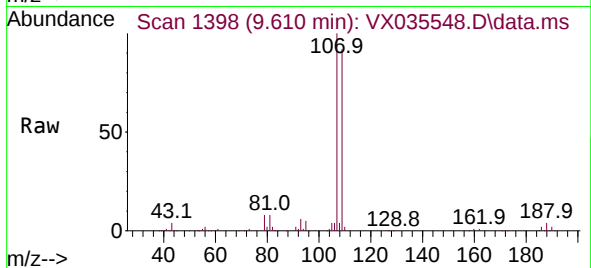
Tgt Ion:129 Resp: 151810
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 60.739 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

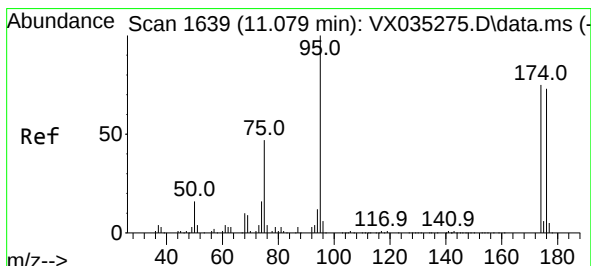
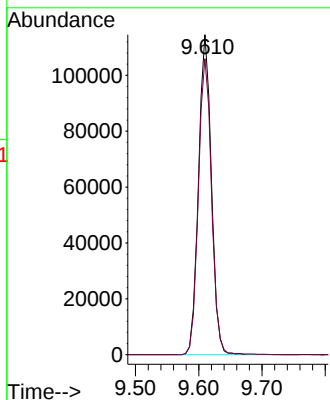
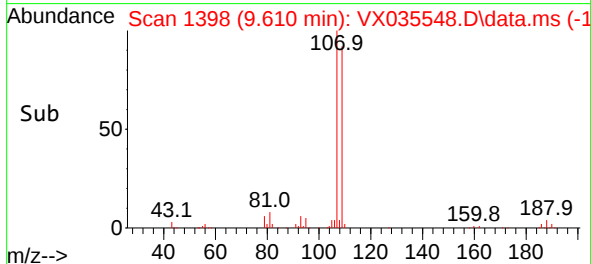
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



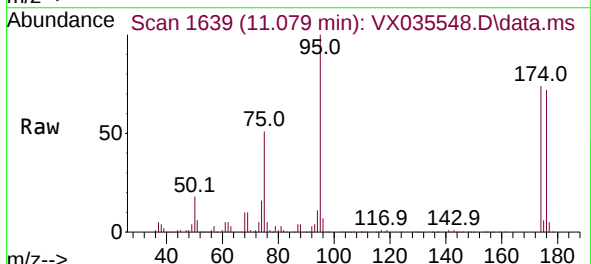
Tgt Ion:107 Resp: 162412
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

Manual Integrations
APPROVED

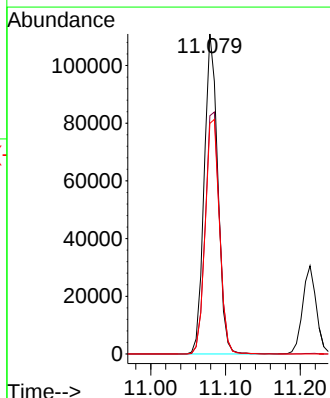
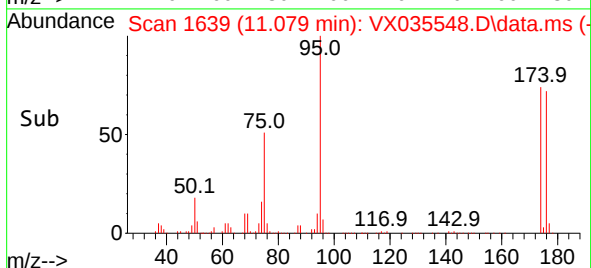
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#62
4-Bromofluorobenzene
Concen: 43.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



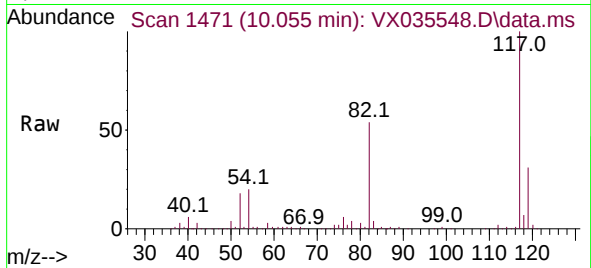
Tgt Ion: 95 Resp: 140234
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 77.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

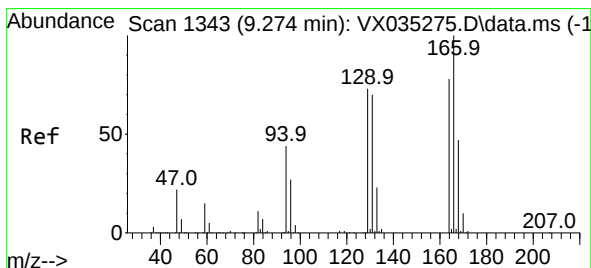
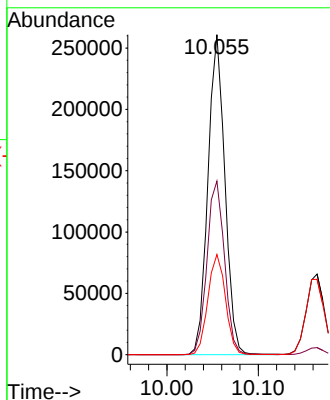
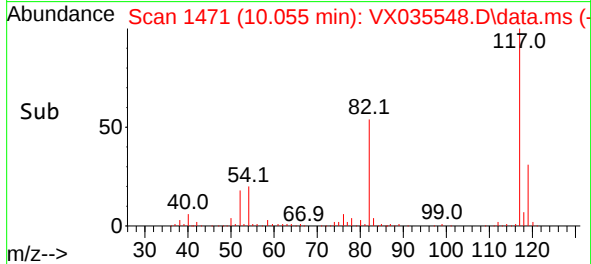
Instrument : MSVOA_X
ClientSampleId : MW-1-20230503MSD



Tgt Ion:117 Resp: 33534
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.3 26.0 39.0

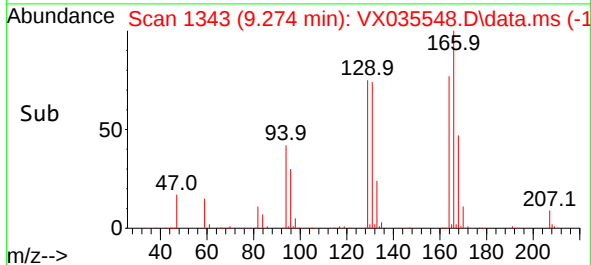
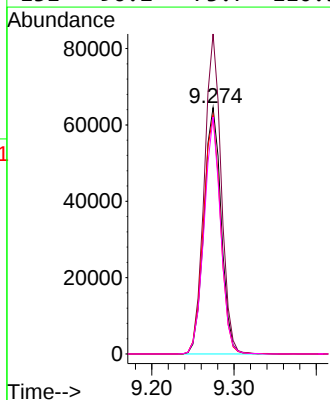
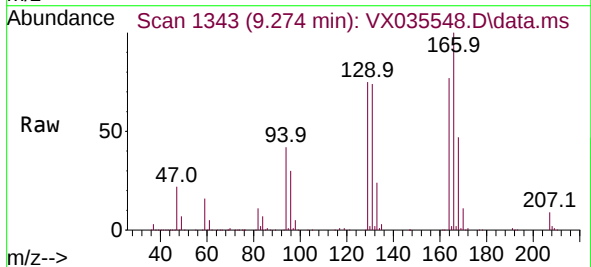
Manual Integrations
APPROVED

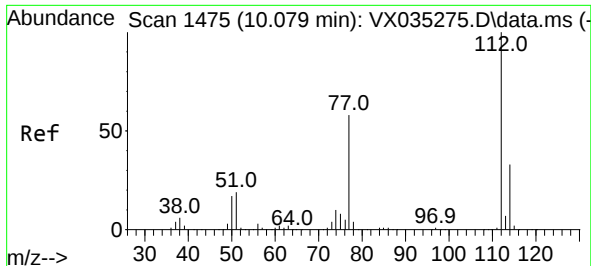
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#64
Tetrachloroethene
Concen: 36.407 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

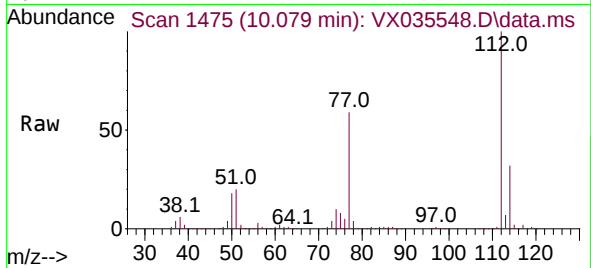
Tgt Ion:164 Resp: 93479
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 96.9 75.6 113.4
131 96.2 73.7 110.5





#65
Chlorobenzene
Concen: 47.876 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

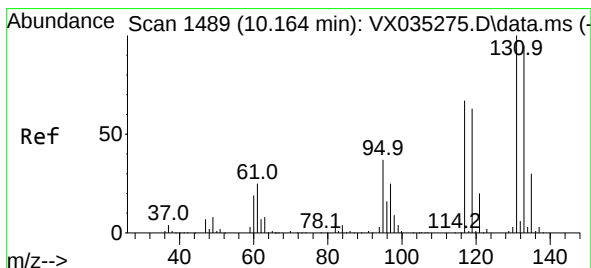
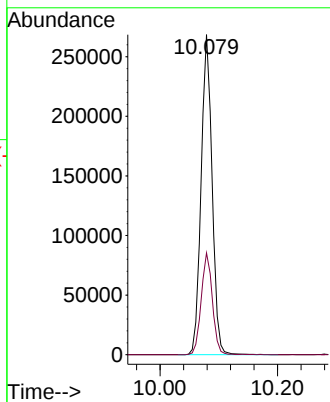
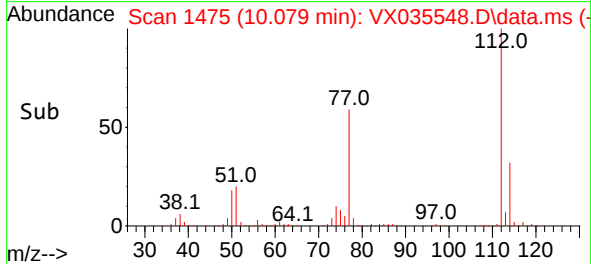
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion:112 Resp: 34735
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

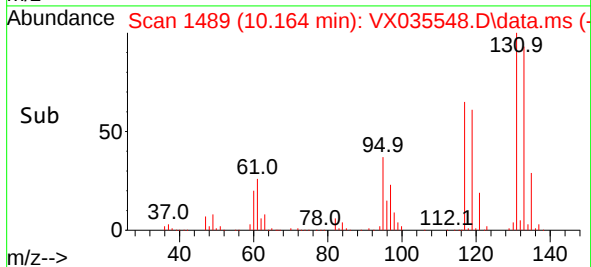
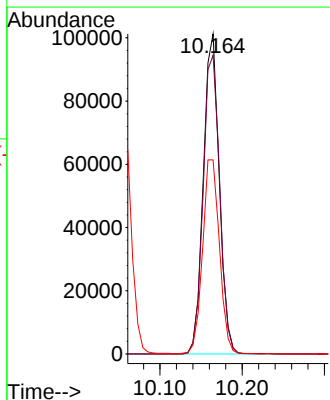
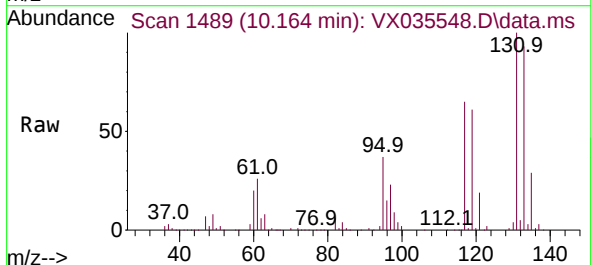
Manual Integrations
APPROVED

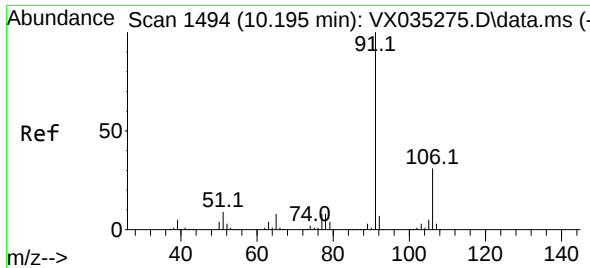
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.946 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

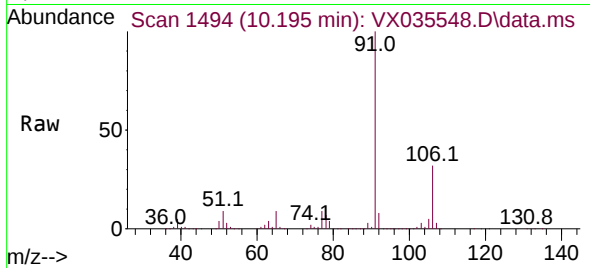
Tgt Ion:131 Resp: 136213
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.4
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 45.167 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

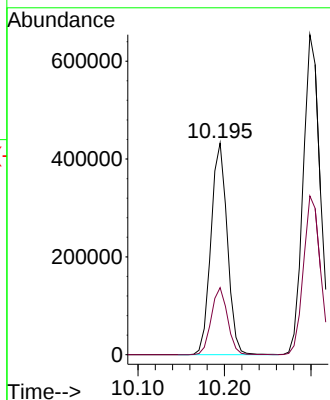
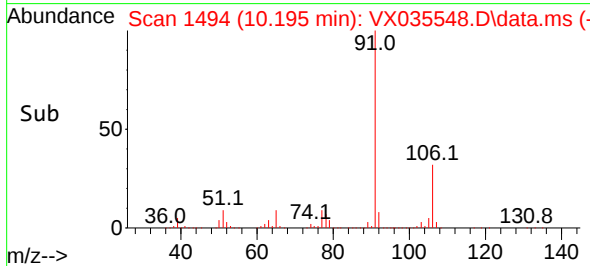
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



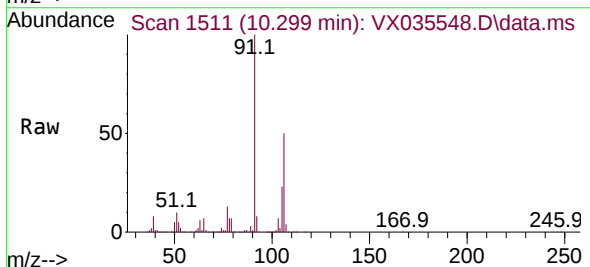
Tgt Ion: 91 Resp: 56749
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

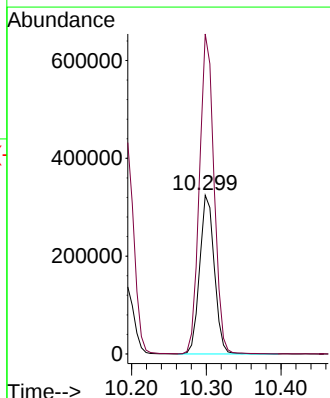
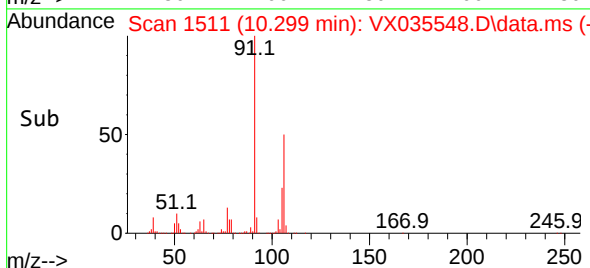
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

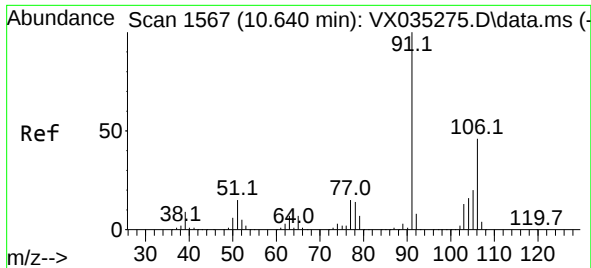


#68
m/p-Xylenes
Concen: 91.506 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion:106 Resp: 440549
Ion Ratio Lower Upper
106 100
91 201.5 164.0 246.0





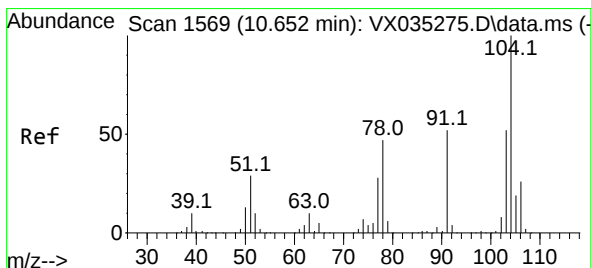
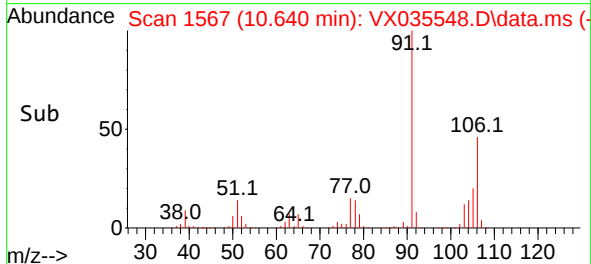
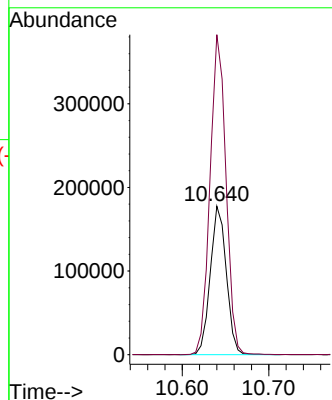
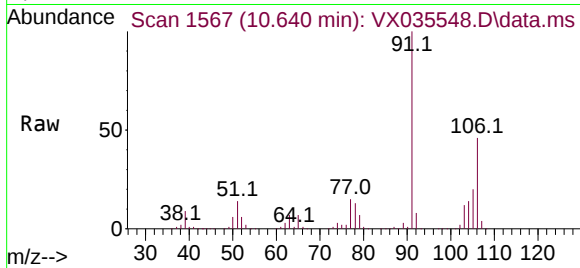
#69
o-Xylene
Concen: 48.423 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD

Tgt Ion:106 Resp: 228600
Ion Ratio Lower Upper
106 100
91 214.3 108.5 325.3

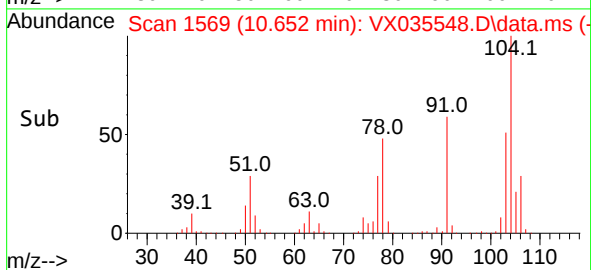
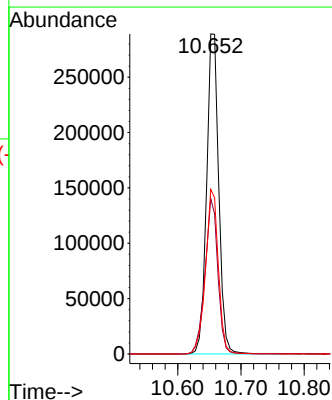
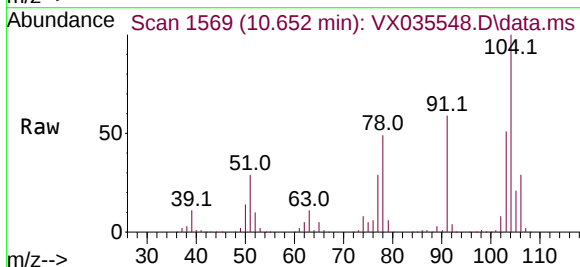
Manual Integrations
APPROVED

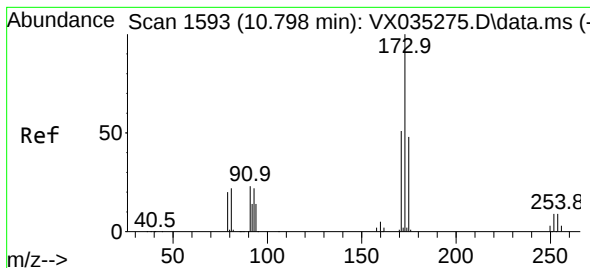
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#70
Styrene
Concen: 50.509 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

Tgt Ion:104 Resp: 386626
Ion Ratio Lower Upper
104 100
78 51.5 43.4 65.2
103 54.5 44.2 66.2





#71

Bromoform

Concen: 63.437 ug/l

RT: 10.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

Tgt Ion:173 Resp: 111414

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

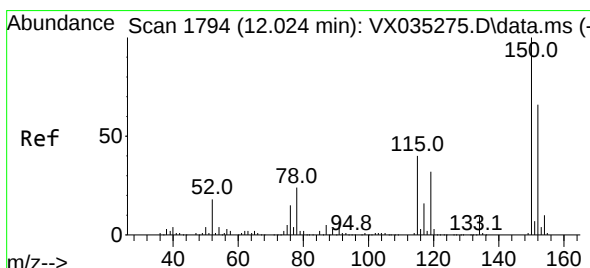
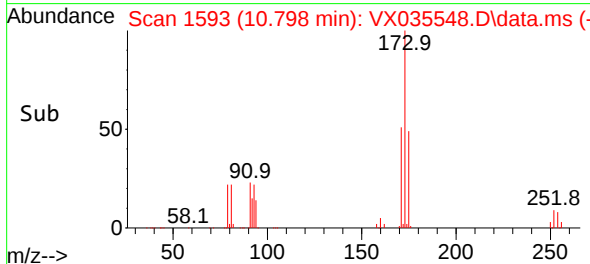
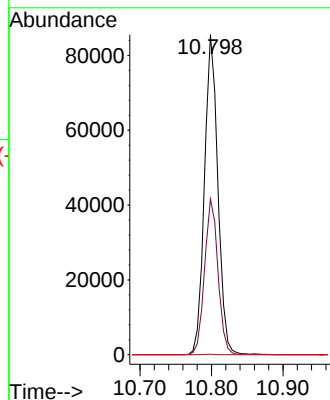
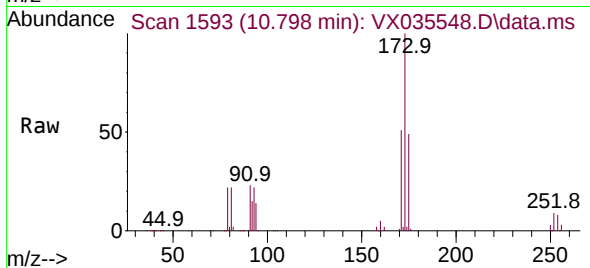
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

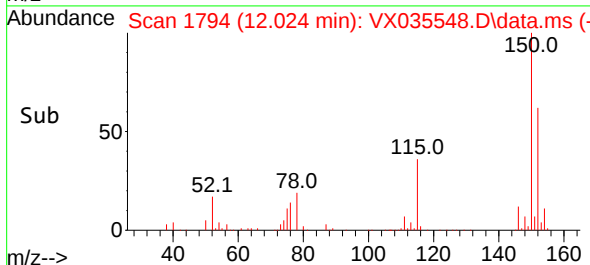
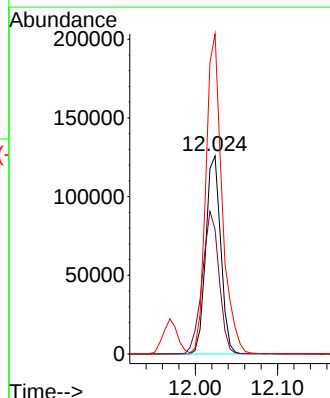
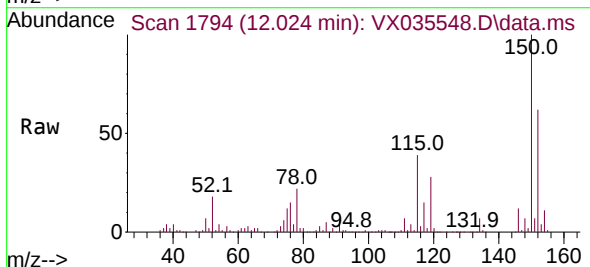
Tgt Ion:152 Resp: 158676

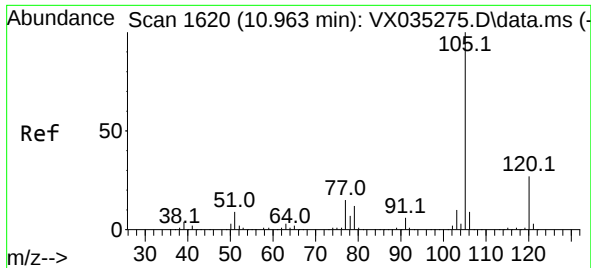
Ion Ratio Lower Upper

152 100

115 81.0 45.0 135.0

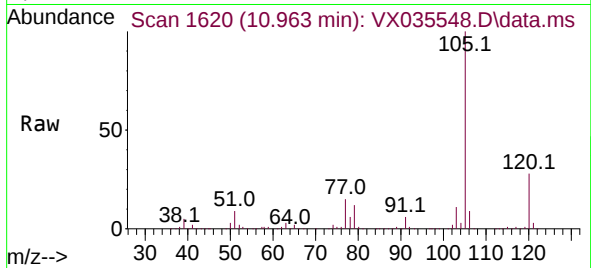
150 174.3 0.0 352.4





#73
Isopropylbenzene
Concen: 44.940 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

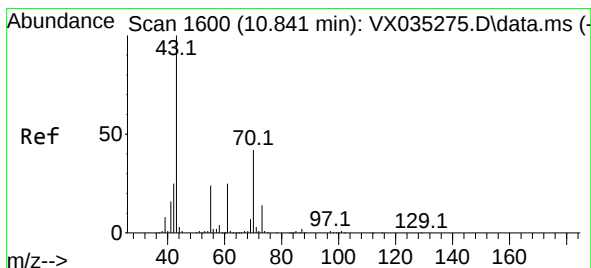
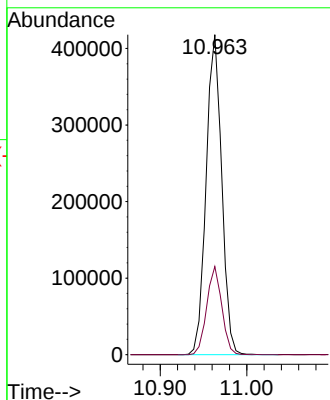
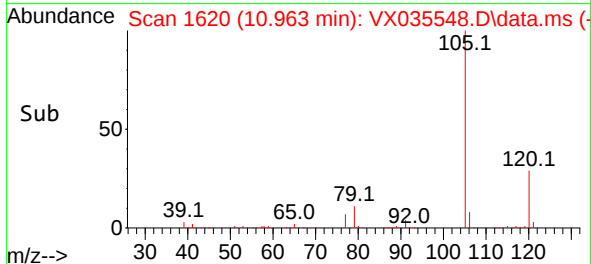
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



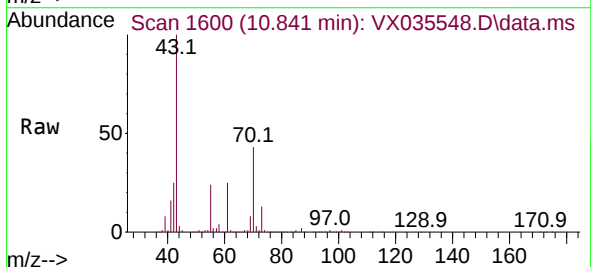
Tgt Ion:105 Resp: 521264
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

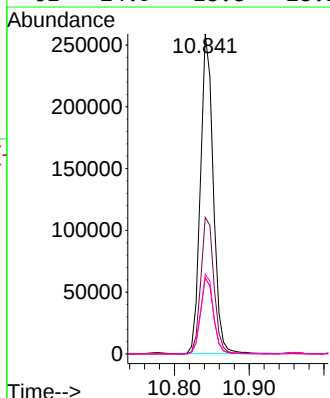
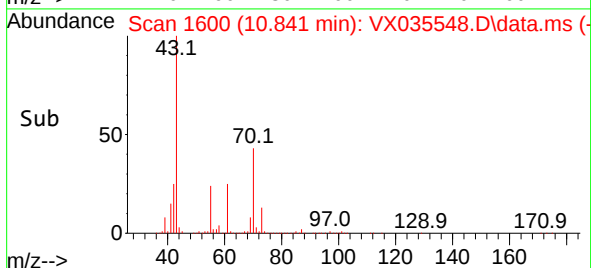
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

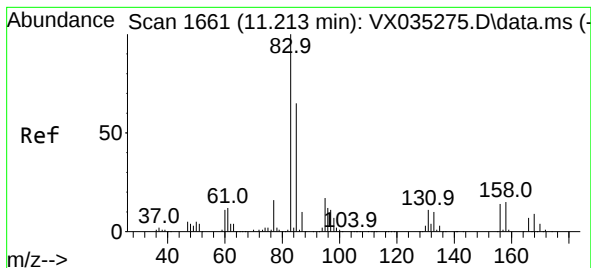


#74
N-ethyl acetate
Concen: 70.568 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



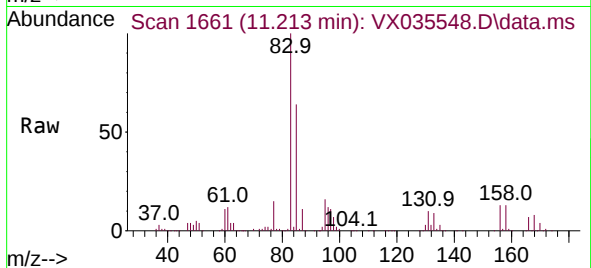
Tgt Ion: 43 Resp: 307605
Ion Ratio Lower Upper
43 100
70 44.3 32.1 48.1
55 24.5 18.3 27.5
61 24.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 66.194 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

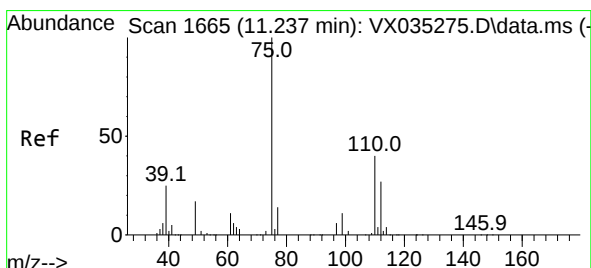
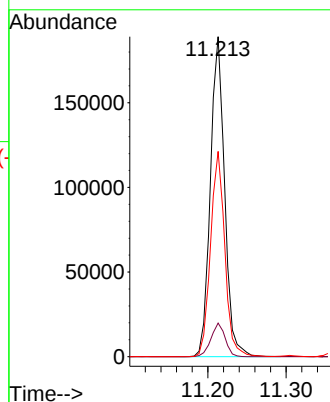
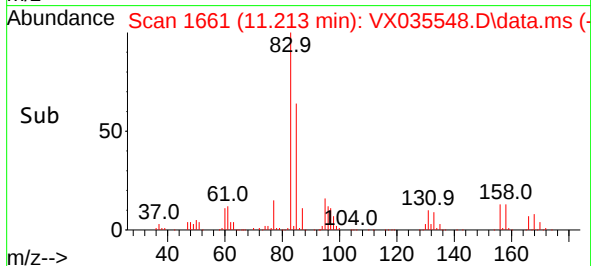
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



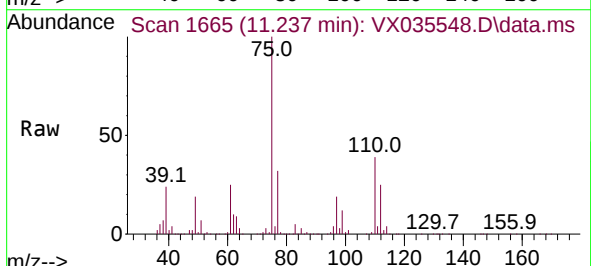
Tgt Ion: 83 Resp: 238309
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.3 32.0 96.0

Manual Integrations
APPROVED

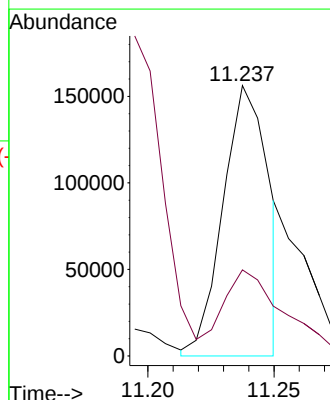
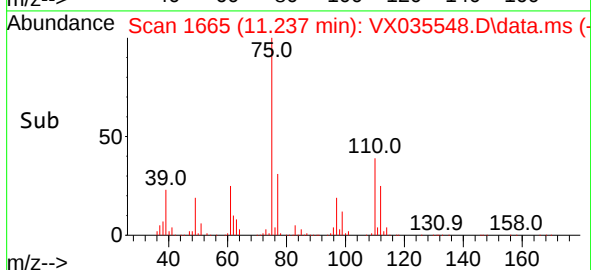
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

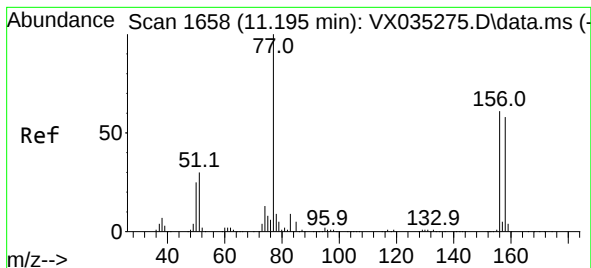


#76
1,2,3-Trichloropropane
Concen: 62.163 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion: 75 Resp: 196761
Ion Ratio Lower Upper
75 100
77 43.1 21.6 64.8





#77

Bromobenzene

Concen: 53.197 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20230503MSD

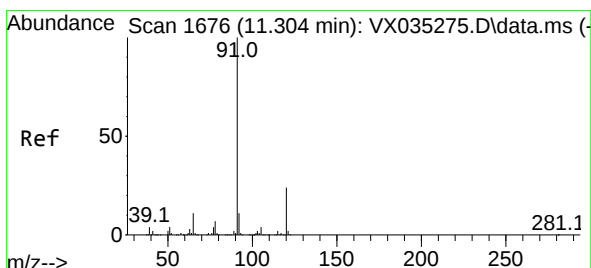
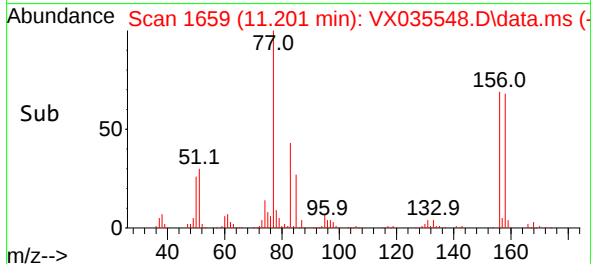
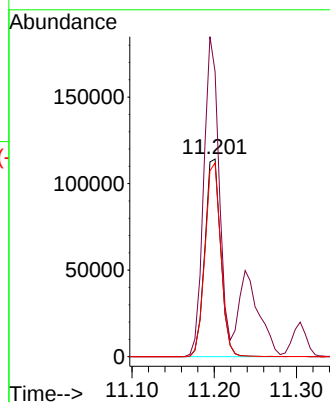
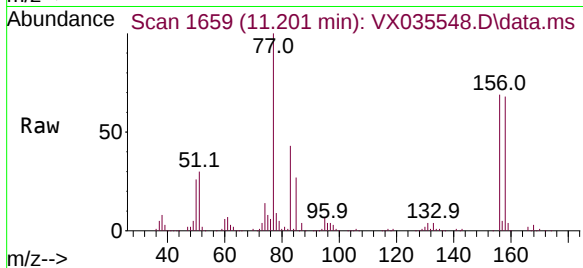
Tgt Ion:	156	Resp:	15338
Ion Ratio	Lower	Upper	
156	100		
77	156.9	86.7	259.9
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#78

n-propylbenzene

Concen: 43.202 ug/l

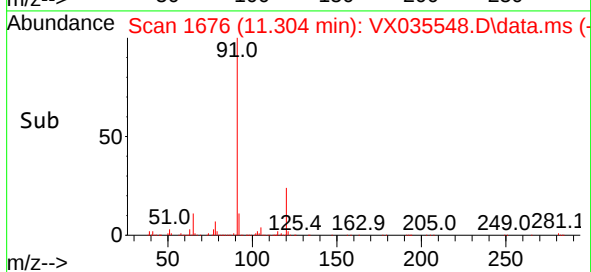
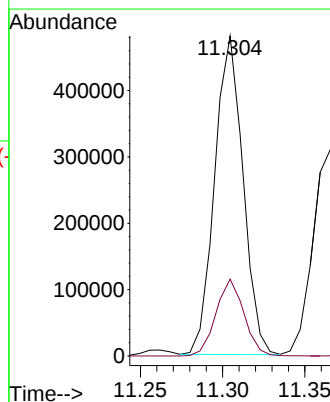
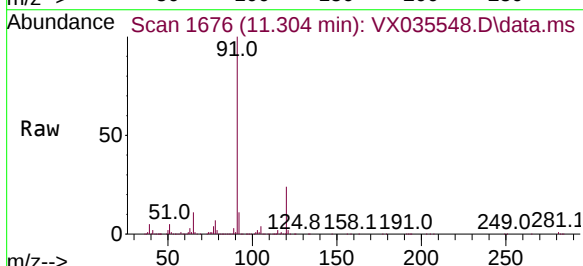
RT: 11.304 min Scan# 1676

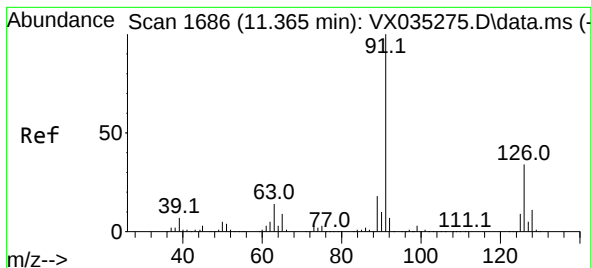
Delta R.T. 0.000 min

Lab File: VX035548.D

Acq: 05 May 2023 19:54

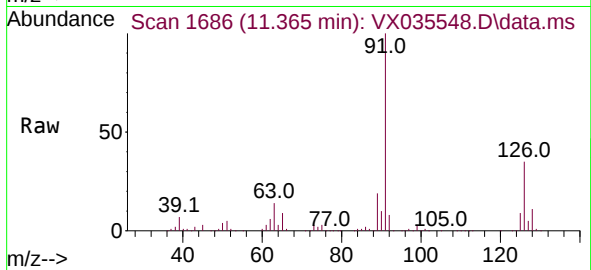
Tgt Ion:	91	Resp:	575512
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.5





#79
2-Chlorotoluene
Concen: 46.710 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

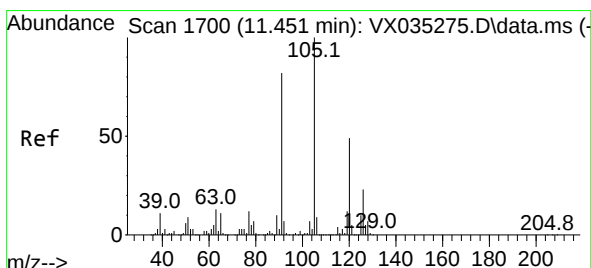
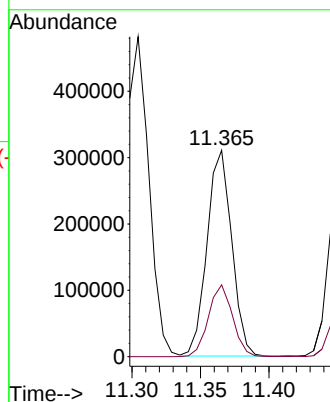
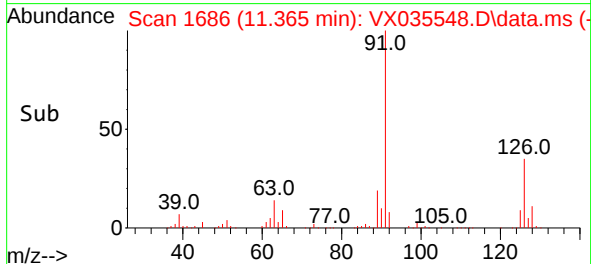
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 91 Resp: 388820
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.9

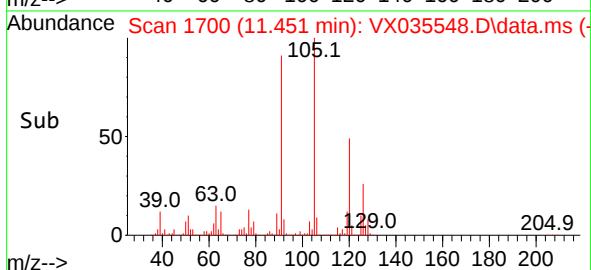
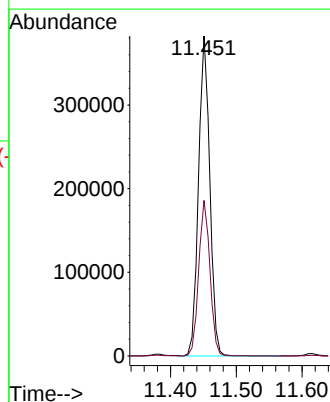
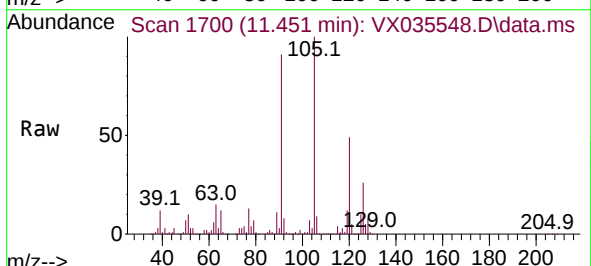
Manual Integrations
APPROVED

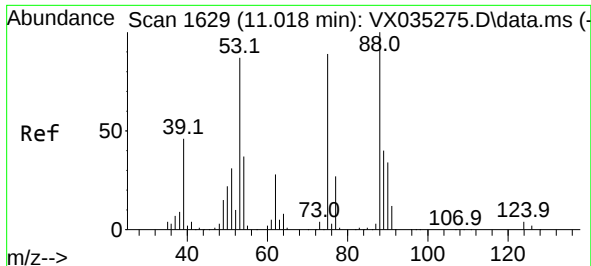
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.434 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

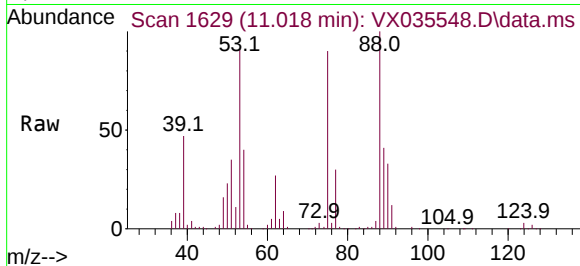
Tgt Ion:105 Resp: 454136
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 66.620 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

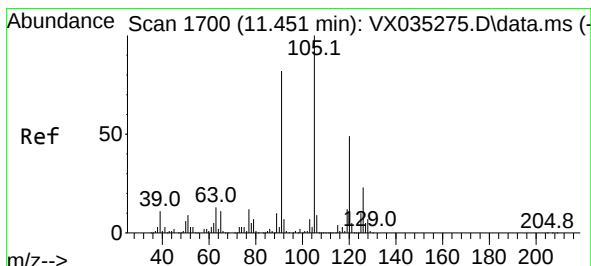
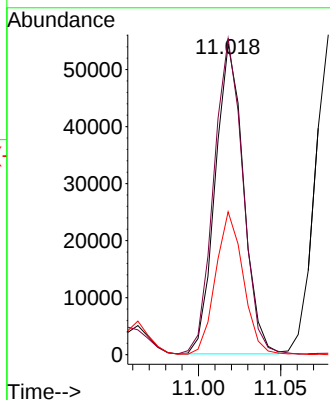
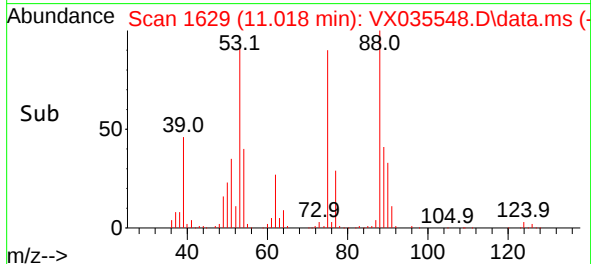
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 75 Resp: 65100
Ion Ratio Lower Upper
75 100
53 104.3 82.6 124.0
89 45.2 36.9 55.3

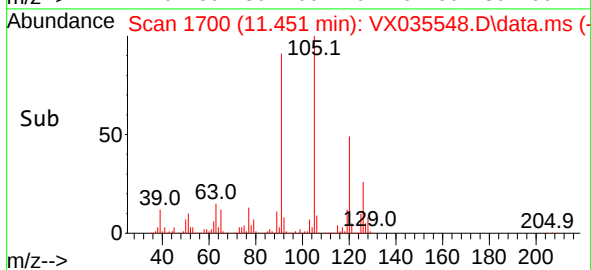
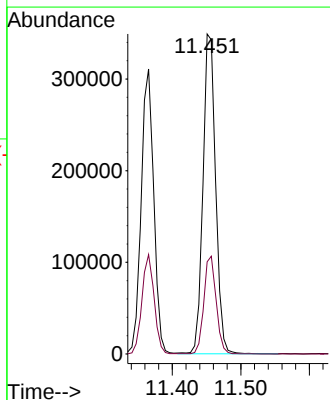
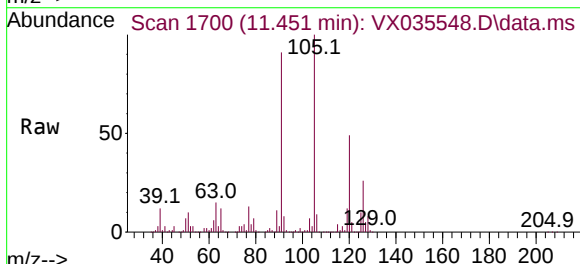
Manual Integrations
APPROVED

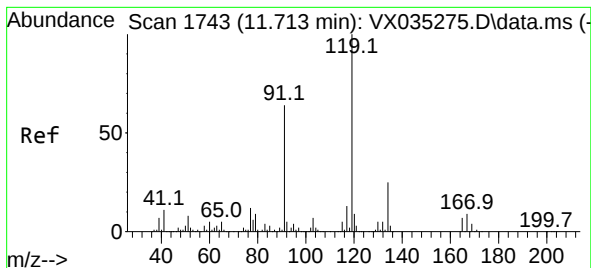
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#82
4-Chlorotoluene
Concen: 48.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

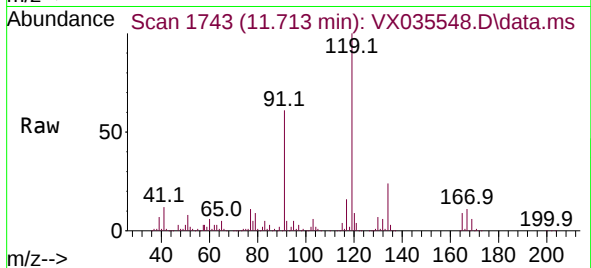
Tgt Ion: 91 Resp: 449053
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 45.592 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54

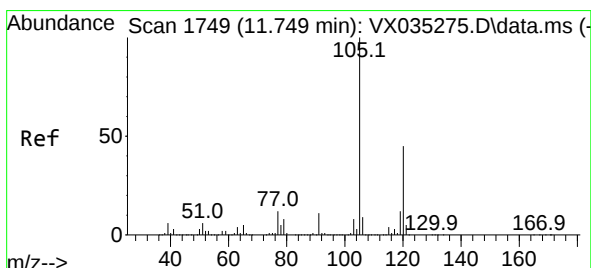
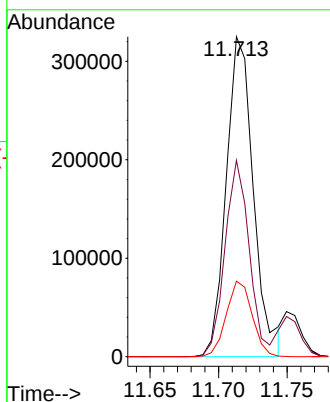
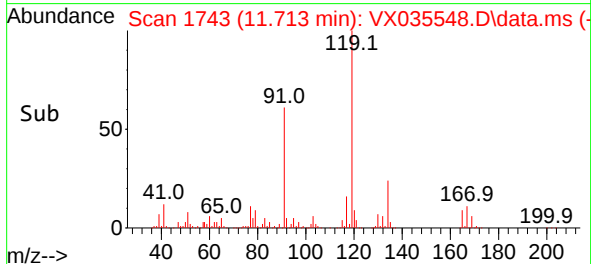
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MSD



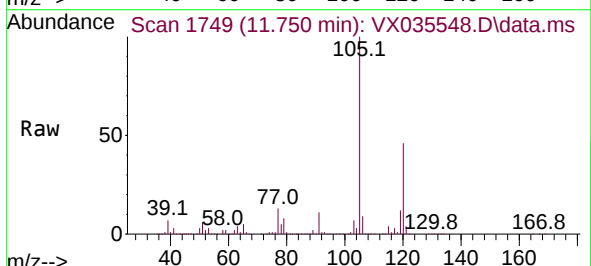
Tgt Ion:119 Resp: 447399
 Ion Ratio Lower Upper
 119 100
 91 55.0 30.6 92.0
 134 22.5 11.8 35.4

Manual Integrations
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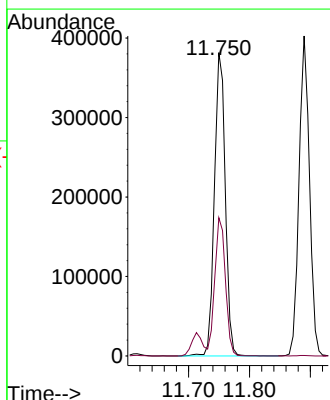
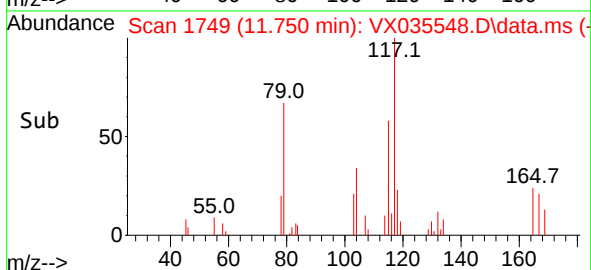
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

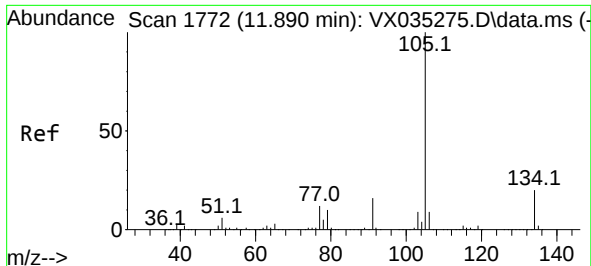


#84
 1,2,4-Trimethylbenzene
 Concen: 48.054 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54



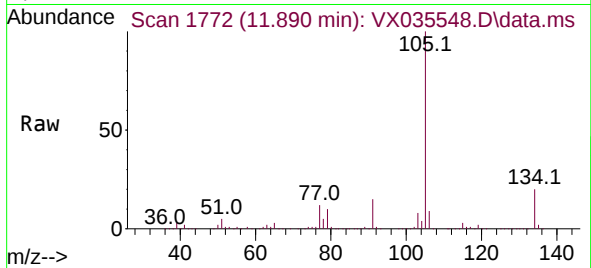
Tgt Ion:105 Resp: 472222
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 39.857 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54

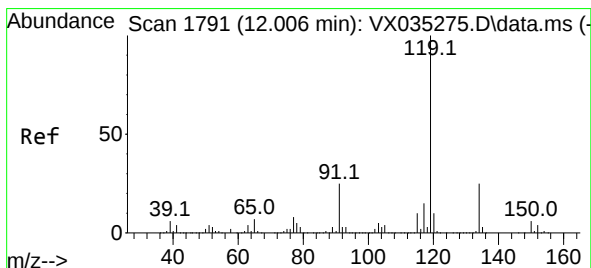
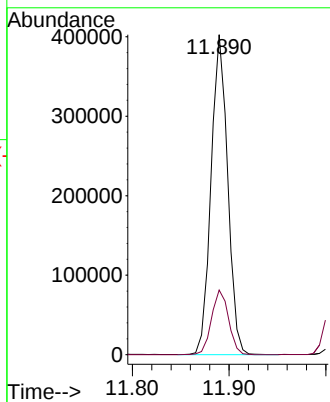
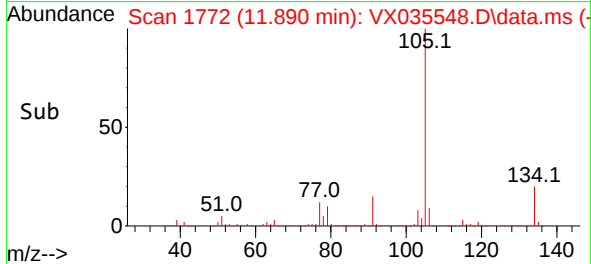
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MSD



Tgt Ion:105 Resp: 47975
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

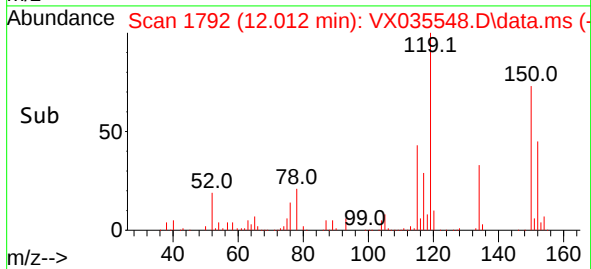
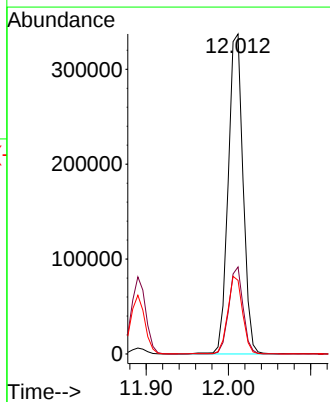
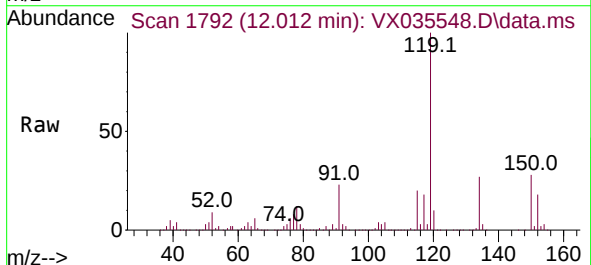
Manual Integrations
 APPROVED

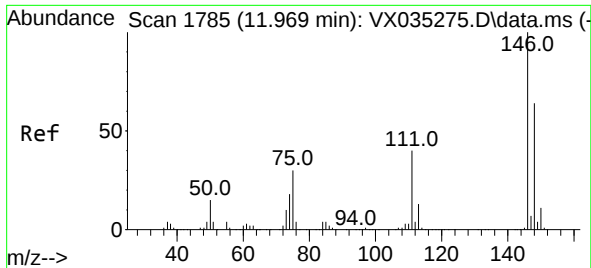
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023



#86
 p-Isopropyltoluene
 Concen: 41.547 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035548.D
 Acq: 05 May 2023 19:54

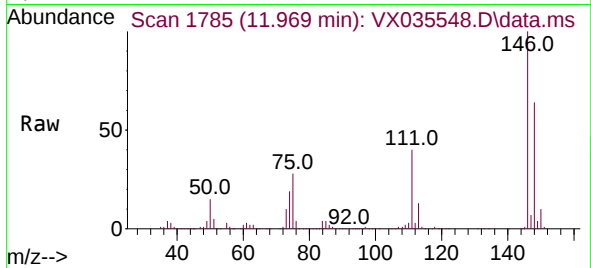
Tgt Ion:119 Resp: 425334
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 49.272 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

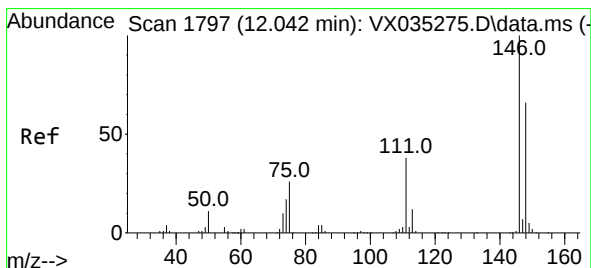
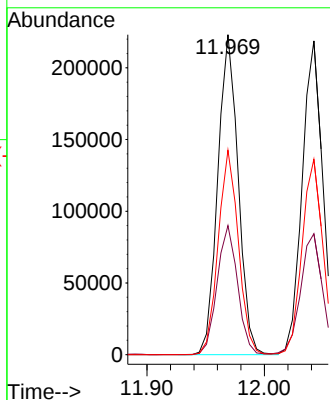
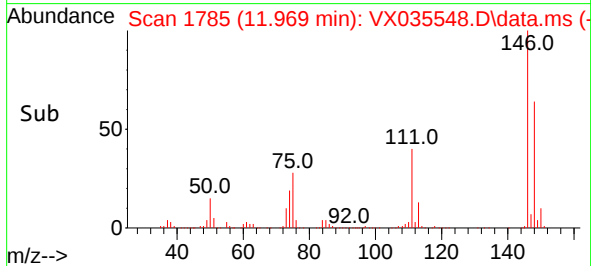
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



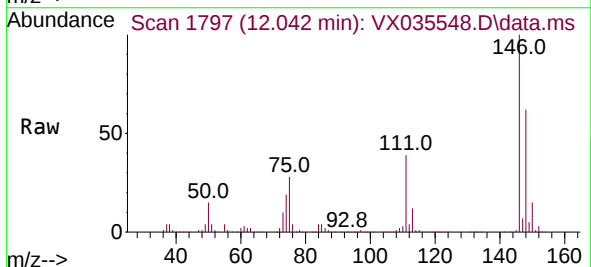
Tgt Ion:146 Resp: 269979
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 63.2 31.6 95.0

Manual Integrations
APPROVED

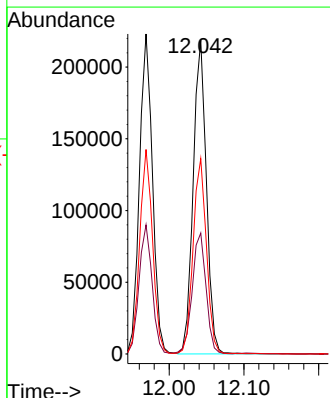
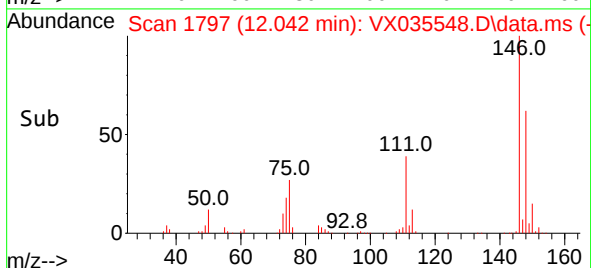
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

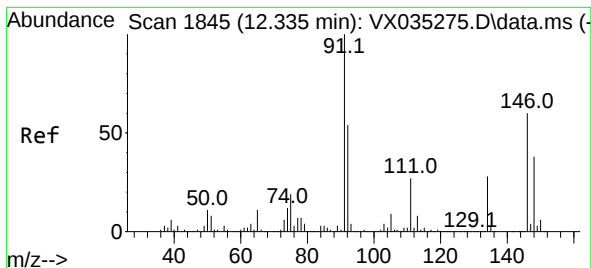


#88
1,4-Dichlorobenzene
Concen: 46.717 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



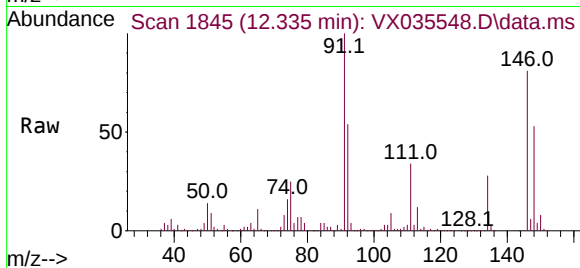
Tgt Ion:146 Resp: 268392
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.9
148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 38.766 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

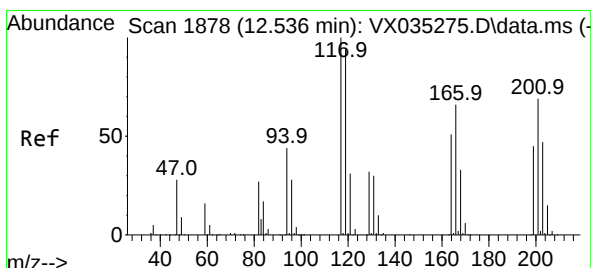
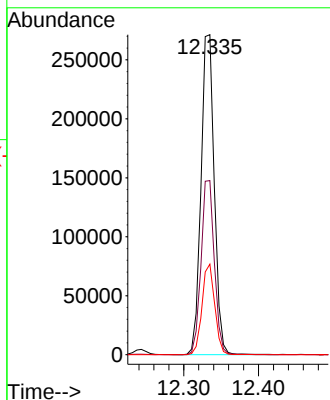
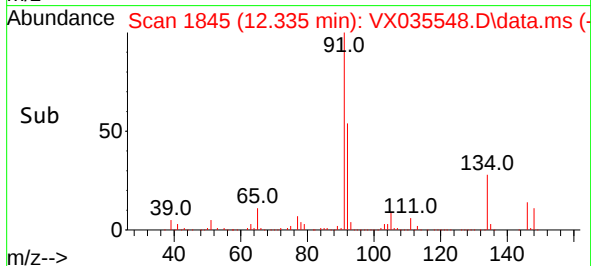
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



Tgt Ion: 91 Resp: 335020
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.0
134 27.1 13.0 38.9

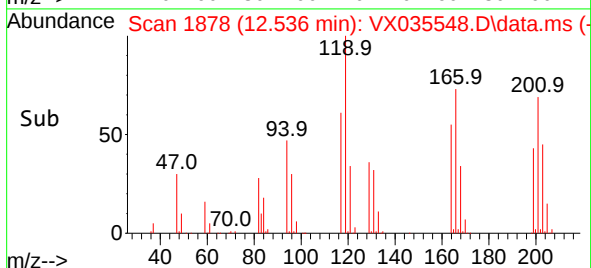
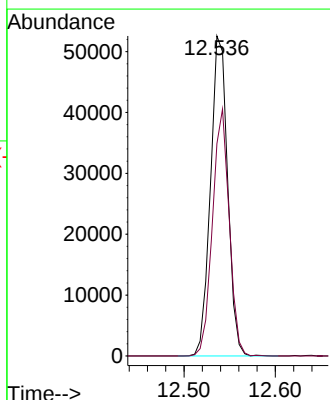
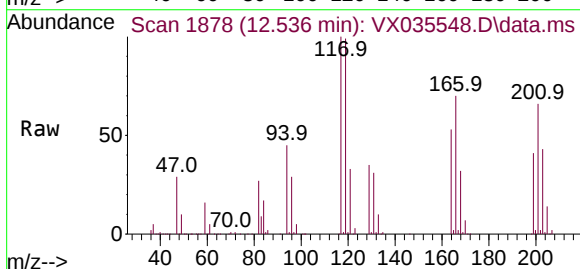
Manual Integrations
APPROVED

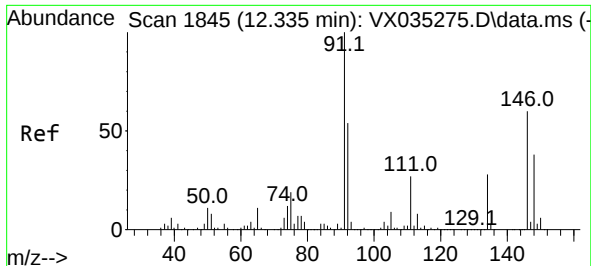
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#90
Hexachloroethane
Concen: 43.557 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

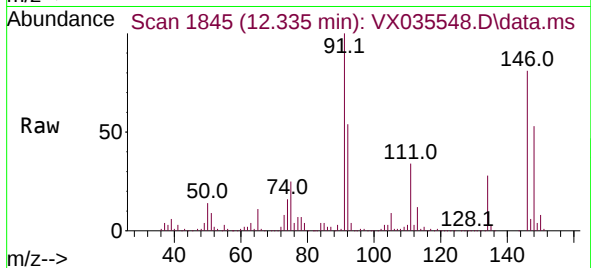
Tgt Ion:117 Resp: 68260
Ion Ratio Lower Upper
117 100
201 75.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.806 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

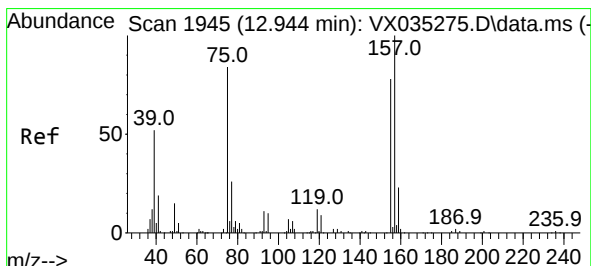
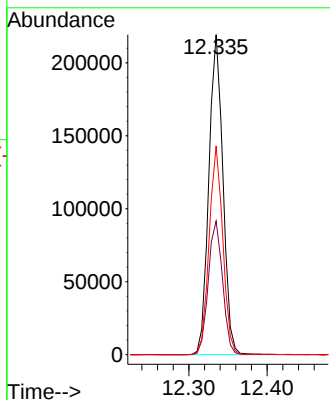
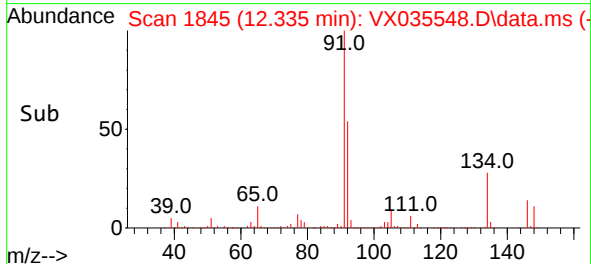
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



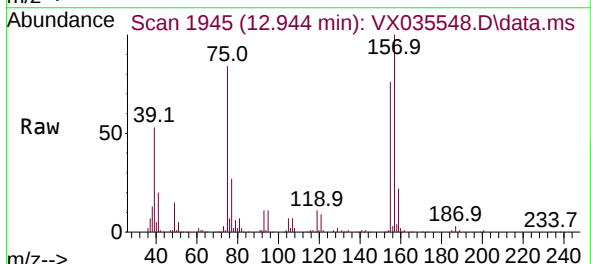
Tgt Ion:146 Resp: 27295
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations
APPROVED

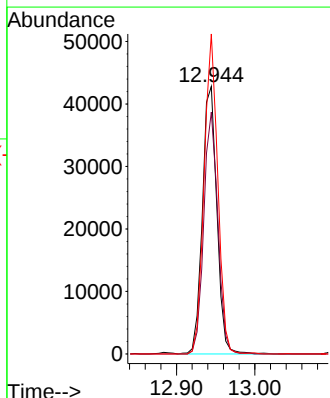
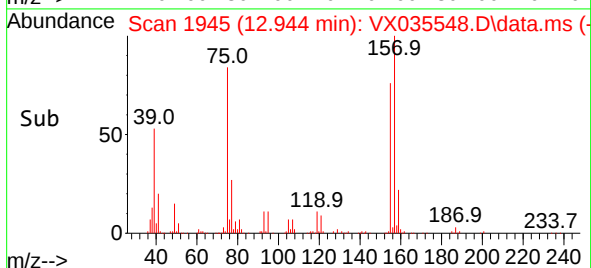
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

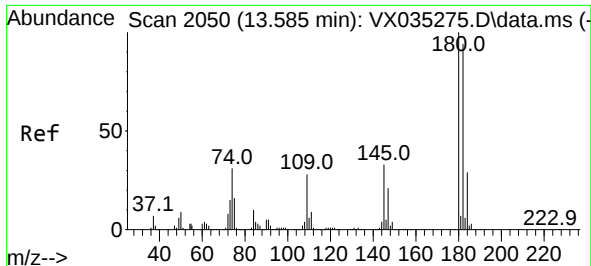


#92
1,2-Dibromo-3-Chloropropane
Concen: 75.981 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



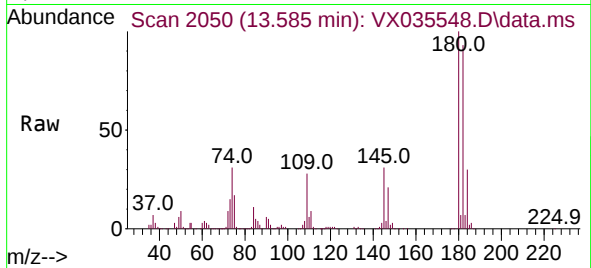
Tgt Ion: 75 Resp: 54851
Ion Ratio Lower Upper
75 100
155 87.9 38.4 115.1
157 112.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 46.957 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

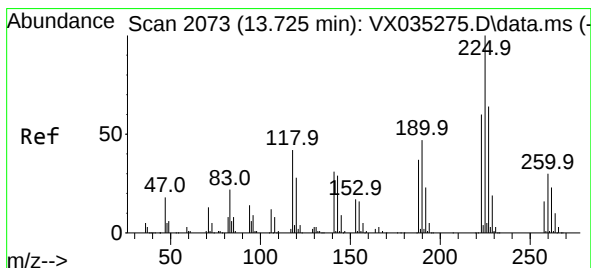
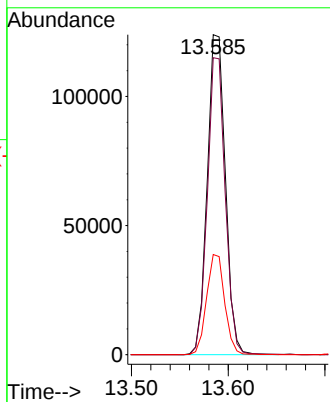
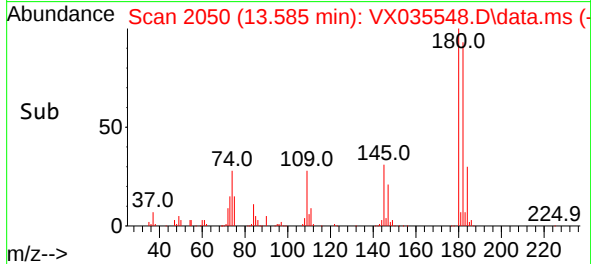
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



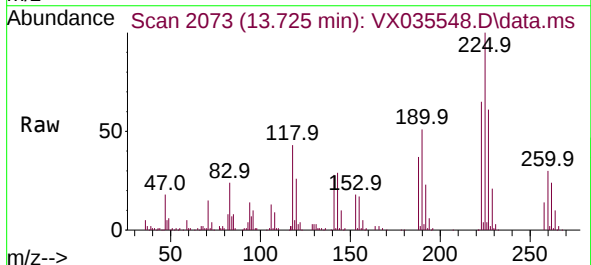
Tgt Ion:180 Resp: 16175
Ion Ratio Lower Upper
180 100
182 91.8 47.0 141.0
145 31.3 15.9 47.7

Manual Integrations
APPROVED

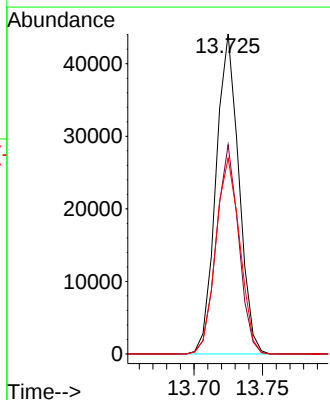
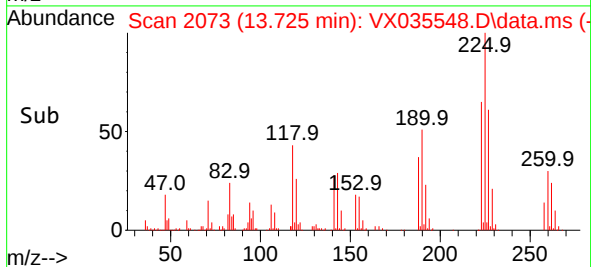
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

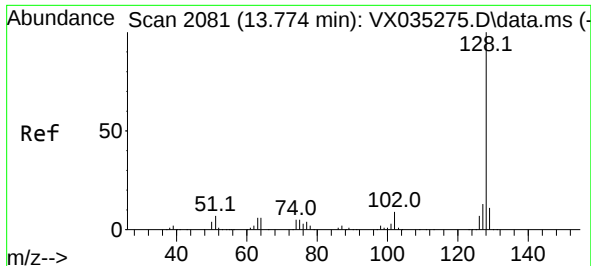


#94
Hexachlorobutadiene
Concen: 33.811 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



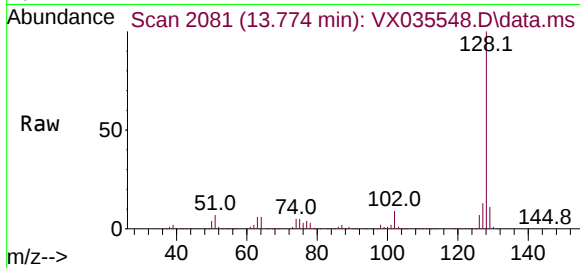
Tgt Ion:225 Resp: 51116
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 64.4 31.8 95.4





#95
Naphthalene
Concen: 106.100 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54

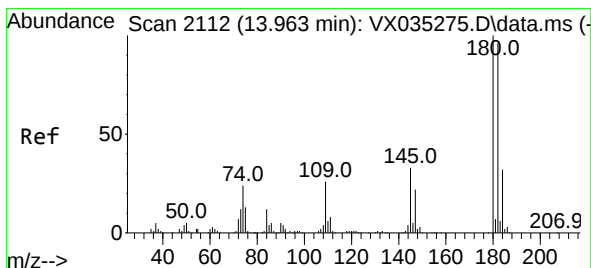
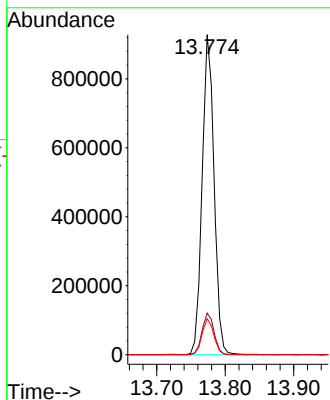
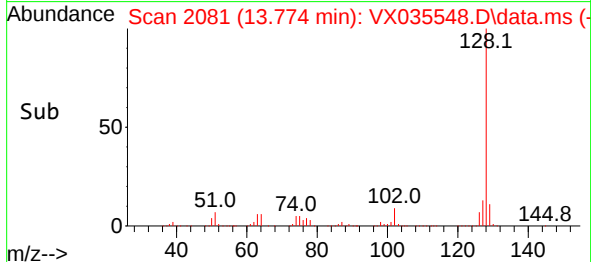
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503MSD



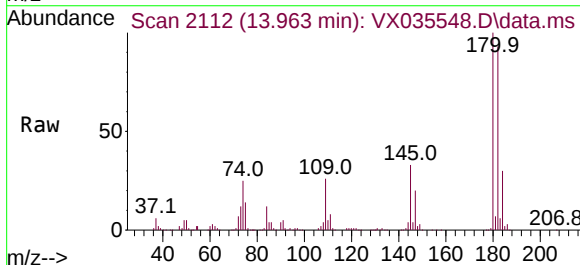
Tgt Ion:128 Resp: 1125150
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.436 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035548.D
Acq: 05 May 2023 19:54



Tgt Ion:180 Resp: 164495
Ion Ratio Lower Upper
180 100
182 94.1 48.0 144.2
145 34.3 17.7 53.1

