

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031739.D
 Acq On : 28 Sep 2022 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:34:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64365	45.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	57228	47.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	208174	47.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	11.079	95	83485	51.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35440	43.867	ug/l	99
3) Chloromethane	1.288	50	37991	53.483	ug/l	98
4) Vinyl Chloride	1.368	62	49746	44.742	ug/l	98
5) Bromomethane	1.612	94	51012	51.304	ug/l	100
6) Chloroethane	1.685	64	58708	44.240	ug/l	94
7) Trichlorofluoromethane	1.886	101	123203	45.316	ug/l	99
8) Diethyl Ether	2.130	74	41018	52.797	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	46975	53.234	ug/l	92
10) Methyl Iodide	2.447	142	49917	57.711	ug/l	98
11) Tert butyl alcohol	3.008	59	49094	274.061	ug/l	96
12) 1,1-Dichloroethene	2.319	96	41699	62.214	ug/l	92
13) Acrolein	2.240	56	22382	267.996	ug/l	98
14) Allyl chloride	2.666	41	58155	50.091	ug/l #	92
15) Acrylonitrile	3.069	53	122830	251.197	ug/l	99
16) Acetone	2.392	43	100219	311.912	ug/l	95
17) Carbon Disulfide	2.508	76	78004	52.810	ug/l	97
18) Methyl Acetate	2.703	43	63446	50.111	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	165833	52.919	ug/l	95
20) Methylene Chloride	2.788	84	51421	57.983	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	49730	50.977	ug/l	93
22) Diisopropyl ether	3.758	45	146859	49.149	ug/l #	88
23) Vinyl Acetate	3.721	43	594088	251.400	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	89079	51.711	ug/l	97
25) 2-Butanone	4.562	43	165657	246.322	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	66957	47.889	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	63230	52.924	ug/l	85
28) Bromochloromethane	4.898	49	37122	46.066	ug/l #	72
29) Tetrahydrofuran	5.013	42	105278	249.191	ug/l #	84
30) Chloroform	5.093	83	113866	53.731	ug/l	99
31) Cyclohexane	5.471	56	67586	50.451	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	98114	55.899	ug/l	97
36) 1,1-Dichloropropene	5.696	75	72187	51.739	ug/l	97
37) Ethyl Acetate	4.715	43	66924	47.555	ug/l	97
38) Carbon Tetrachloride	5.678	117	85786	54.557	ug/l	95
39) Methylcyclohexane	7.379	83	81711	51.401	ug/l	88
40) Benzene	6.038	78	217811	50.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34562	48.265	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	85172	51.393	ug/l	98
43) Isopropyl Acetate	6.342	43	108609	49.034	ug/l #	94
44) Trichloroethene	7.123	130	63747	52.668	ug/l	98
45) 1,2-Dichloropropane	7.434	63	52453	50.436	ug/l	97
46) Dibromomethane	7.580	93	44239	52.968	ug/l	92
47) Bromodichloromethane	7.824	83	83550	55.436	ug/l	96
48) Methyl methacrylate	7.696	41	51557	52.928	ug/l	87
49) 1,4-Dioxane	7.696	88	27112	1150.296	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	356986	254.627	ug/l	93
52) Toluene	8.720	92	154819	54.201	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83086	47.817	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87573	55.911	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	66813	54.328	ug/l	95
56) Ethyl methacrylate	9.116	69	88923	56.514	ug/l	88
57) 1,3-Dichloropropane	9.311	76	103626	53.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	204385	263.792	ug/l #	89
59) 2-Hexanone	9.433	43	268472	256.655	ug/l	91
60) Dibromochloromethane	9.525	129	74424	51.773	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71519	57.289	ug/l	99
64) Tetrachloroethene	9.275	164	68798	52.899	ug/l	98
65) Chlorobenzene	10.080	112	177334	52.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66896	54.846	ug/l	97
67) Ethyl Benzene	10.195	91	305434	52.967	ug/l	97
68) m/p-Xylenes	10.305	106	255019	110.066	ug/l	96
69) o-Xylene	10.640	106	126840	56.008	ug/l	93
70) Styrene	10.659	104	212299	57.590	ug/l	96
71) Bromoform	10.799	173	50708	48.452	ug/l #	96
73) Isopropylbenzene	10.964	105	331170	50.899	ug/l	99
74) N-amyl acetate	10.842	43	102657	48.640	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	99606	48.180	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90459m	49.596	ug/l	
77) Bromobenzene	11.201	156	82650	49.969	ug/l	90
78) n-propylbenzene	11.305	91	375855	51.912	ug/l	97
79) 2-Chlorotoluene	11.366	91	224731	50.265	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	293058	53.135	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23733	44.617	ug/l	92
82) 4-Chlorotoluene	11.457	91	265260	51.355	ug/l	95
83) tert-Butylbenzene	11.713	119	282000	53.020	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	295165	54.066	ug/l	98
85) sec-Butylbenzene	11.890	105	357361	52.869	ug/l	98
86) p-Isopropyltoluene	12.012	119	318201	54.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	166978	52.074	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	173364	51.651	ug/l	98
89) n-Butylbenzene	12.335	91	250150	52.535	ug/l	98
90) Hexachloroethane	12.543	117	50077	53.576	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	170778	53.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21756	52.517	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	97359	51.846	ug/l	98
94) Hexachlorobutadiene	13.725	225	36366	49.663	ug/l	99
95) Naphthalene	13.774	128	343864	54.820	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99295	51.522	ug/l	99

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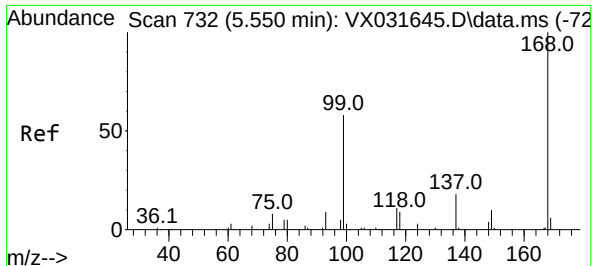
Manual Integrations
APPROVED

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Response via : Initial Calibration

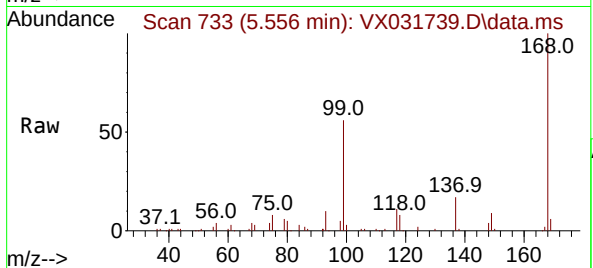
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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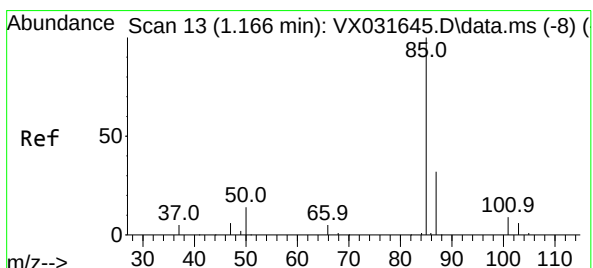
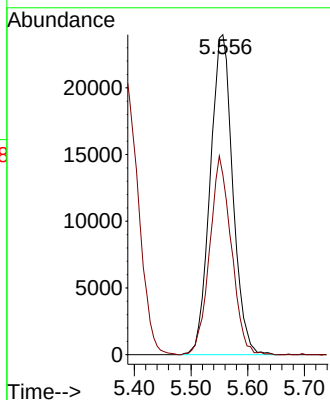
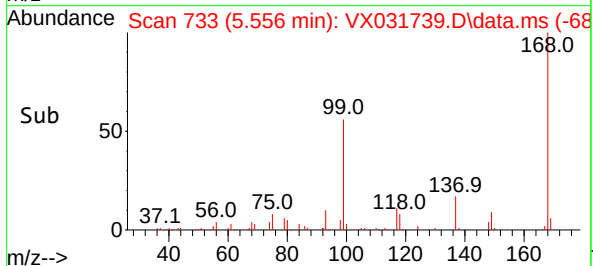
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 66384
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2

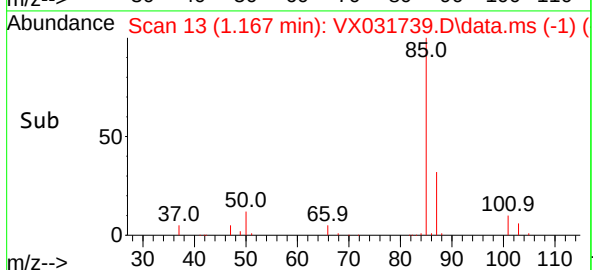
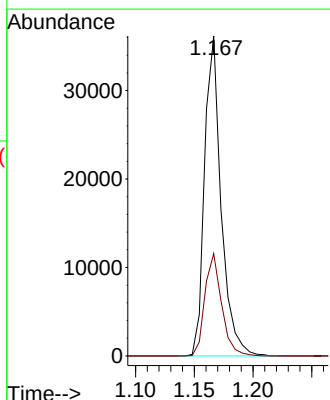
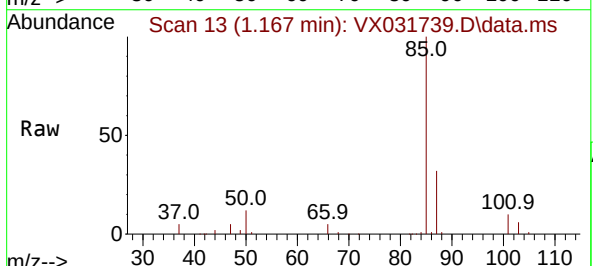
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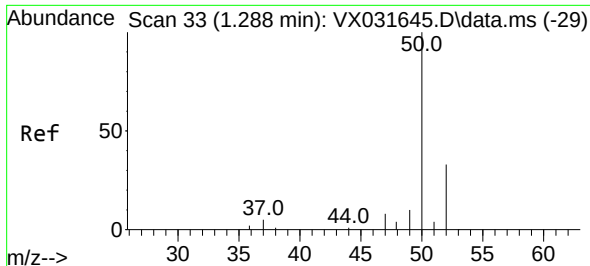
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#2
Dichlorodifluoromethane
Concen: 43.867 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

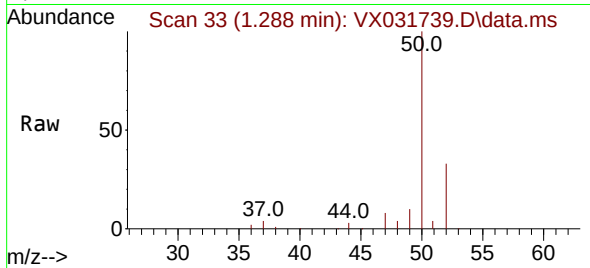
Tgt Ion: 85 Resp: 35440
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 53.483 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

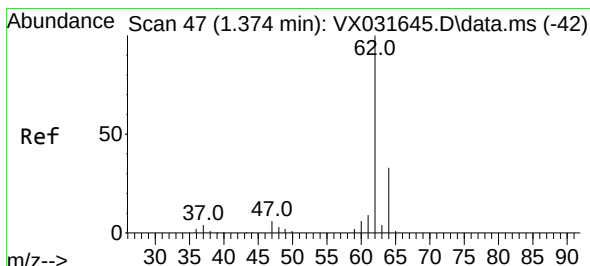
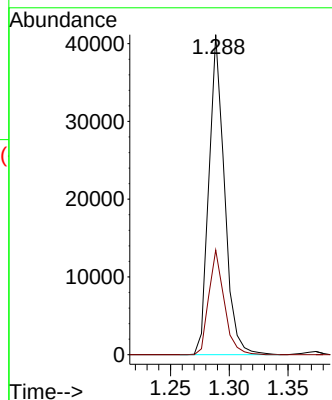
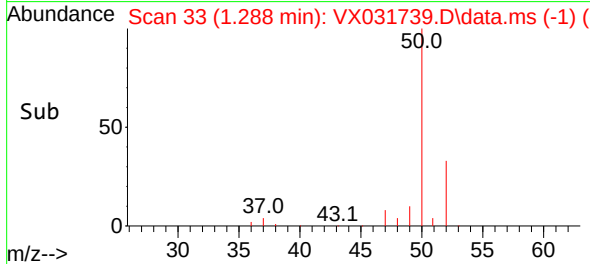
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Tgt Ion: 50 Resp: 3799
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

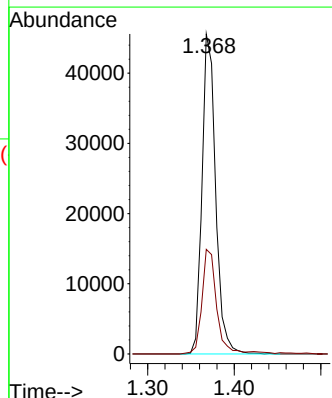
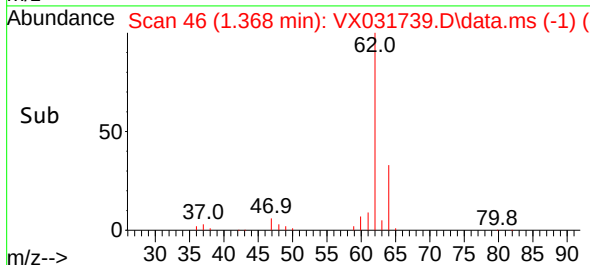
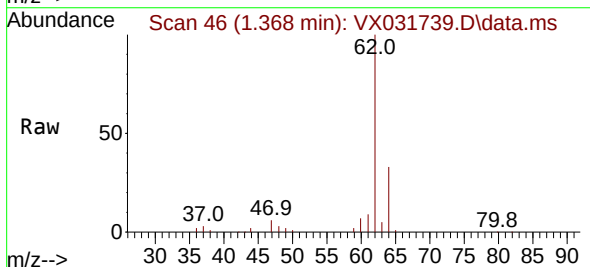
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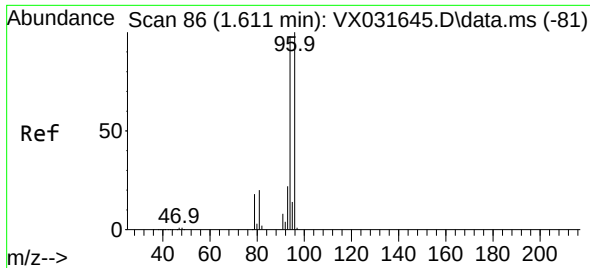
Reviewed By :John Carlone 09/29/2022
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#4
Vinyl Chloride
Concen: 44.742 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031739.D
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Tgt Ion: 62 Resp: 49746
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9





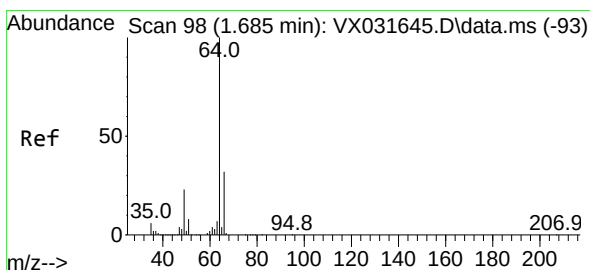
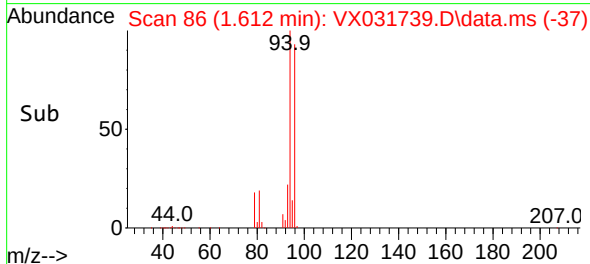
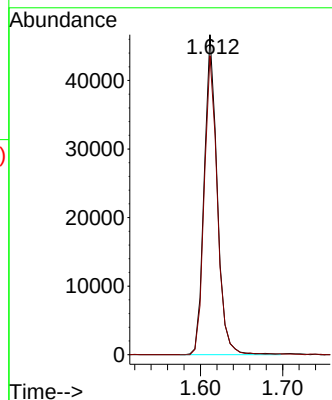
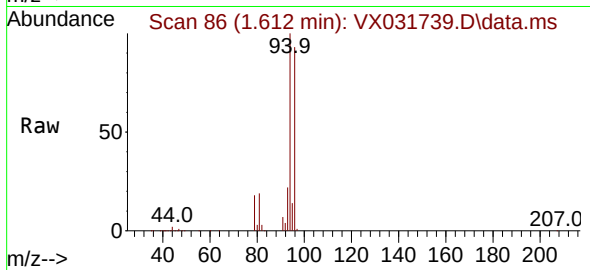
#5
Bromomethane
Concen: 51.304 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 5101
Ion Ratio Lower Upper
94 100
96 93.5 74.4 111.6

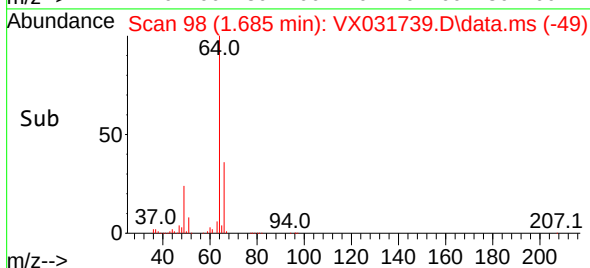
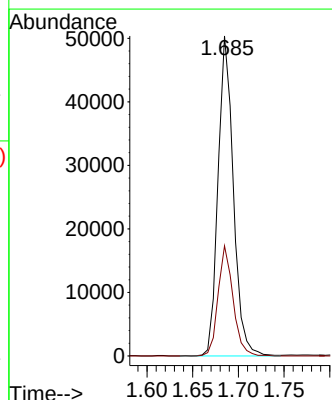
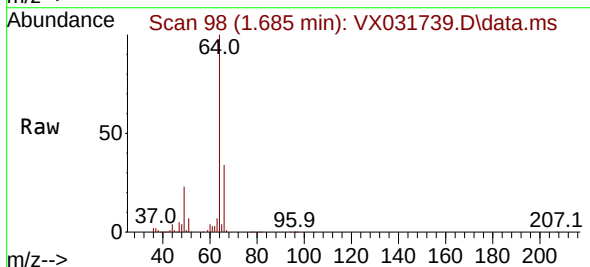
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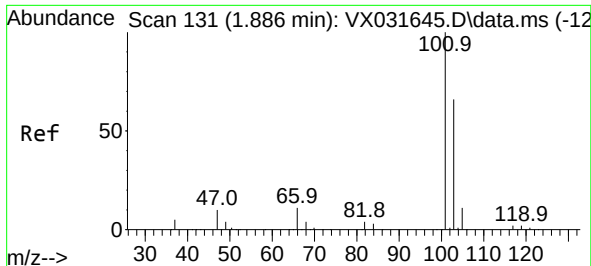
Reviewed By :John Carlone 09/29/2022
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#6
Chloroethane
Concen: 44.240 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

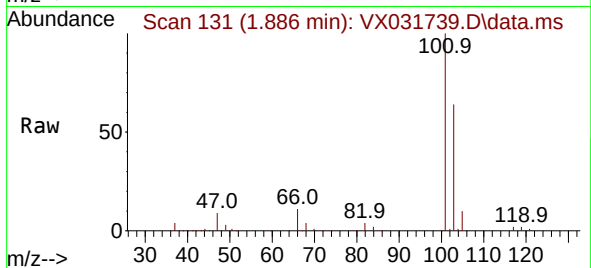
Tgt Ion: 64 Resp: 58708
Ion Ratio Lower Upper
64 100
66 34.4 25.0 37.4





#7
Trichlorofluoromethane
Concen: 45.316 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031739.D
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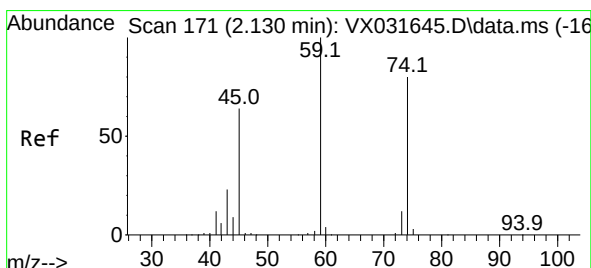
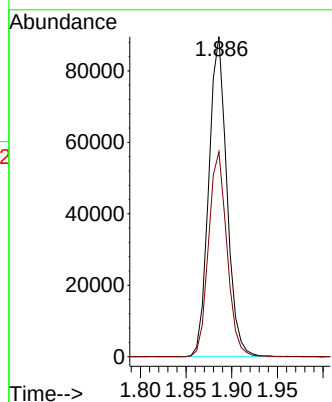
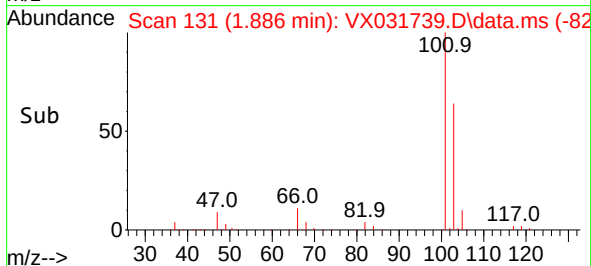
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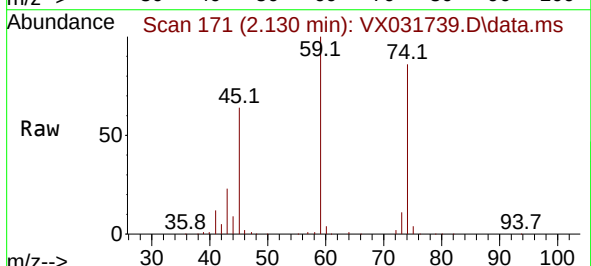
Tgt Ion:101 Resp: 12320
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

Manual Integrations
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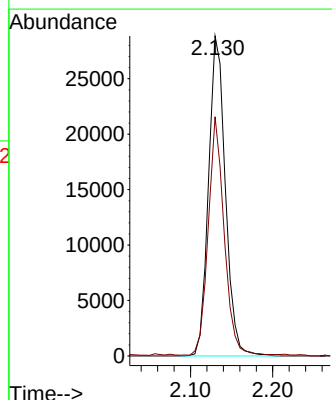
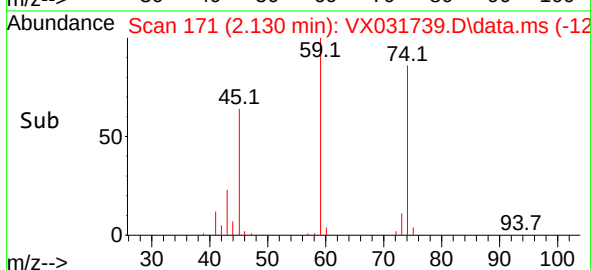
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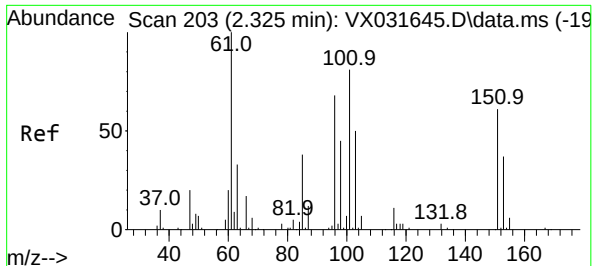


#8
Diethyl Ether
Concen: 52.797 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 41018
Ion Ratio Lower Upper
74 100
45 70.5 48.5 145.6





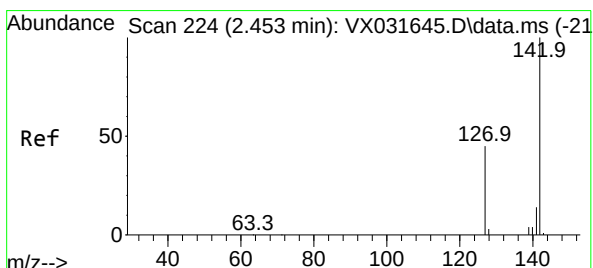
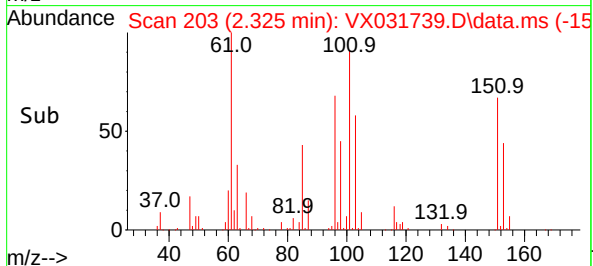
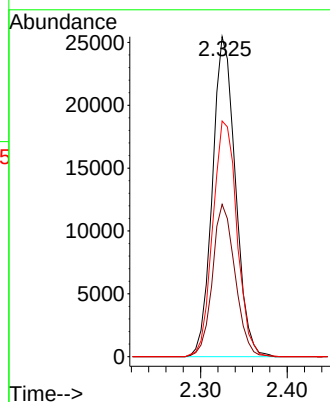
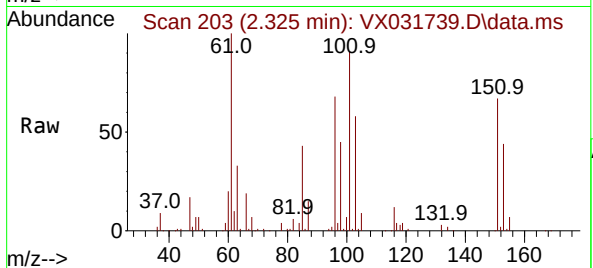
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.234 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031739.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4697
Ion Ratio Lower Upper
101 100
85 46.8 38.6 57.8
151 77.2 54.0 81.0

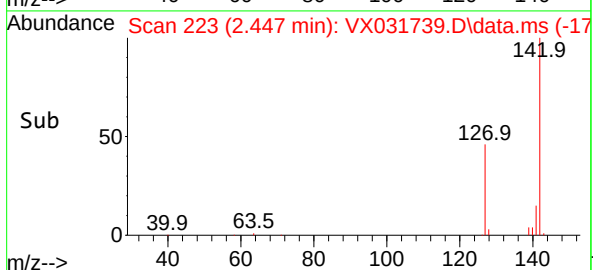
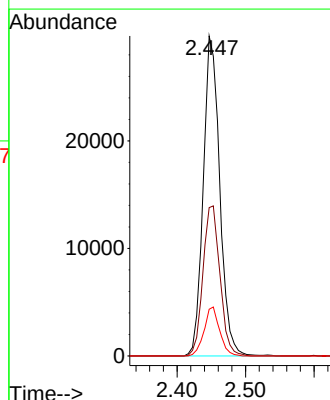
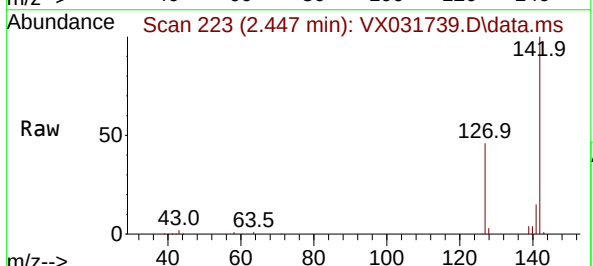
Manual Integrations
APPROVED

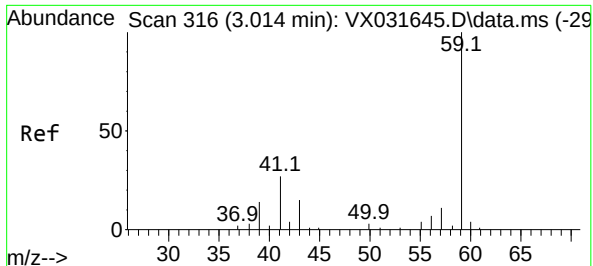
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#10
Methyl Iodide
Concen: 57.711 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion:142 Resp: 49917
Ion Ratio Lower Upper
142 100
127 48.3 37.4 56.0
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 274.061 ug/l

RT: 3.008 min Scan# 316

Delta R.T. 0.019 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

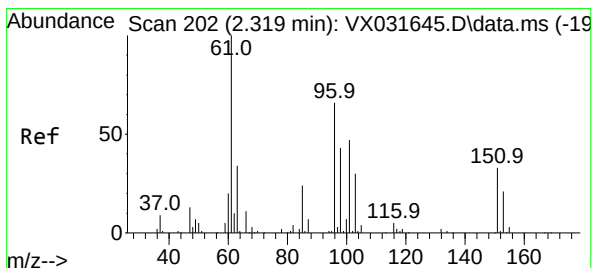
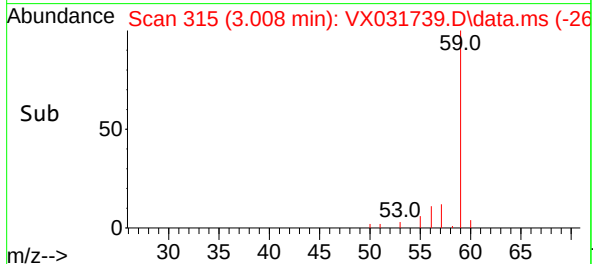
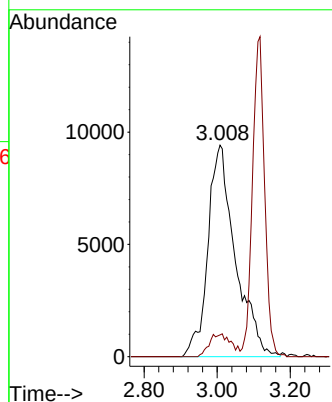
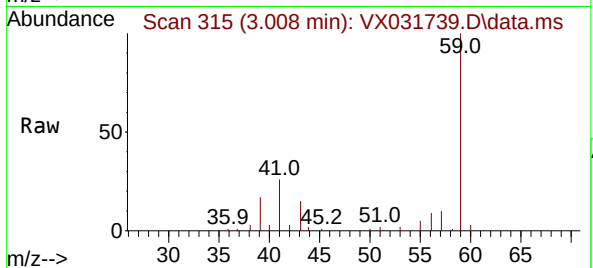
Tgt Ion: 59 Resp: 49094
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#12

1,1-Dichloroethene

Concen: 62.214 ug/l

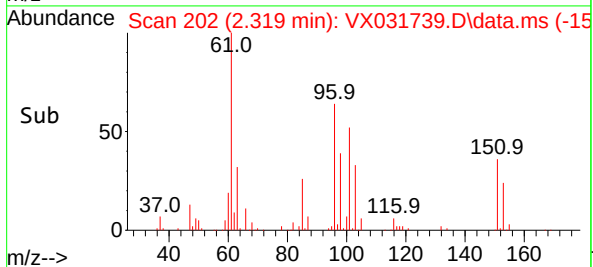
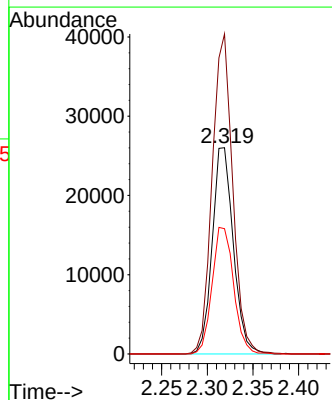
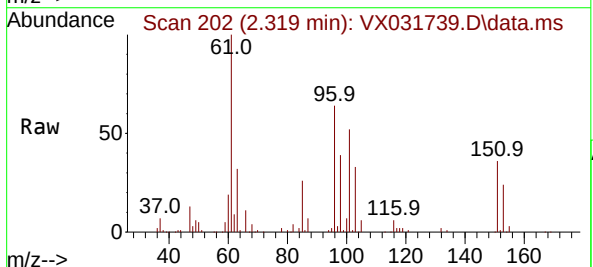
RT: 2.319 min Scan# 202

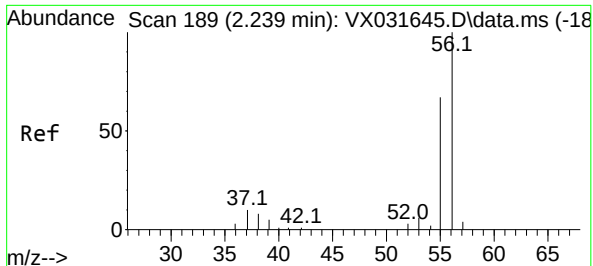
Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

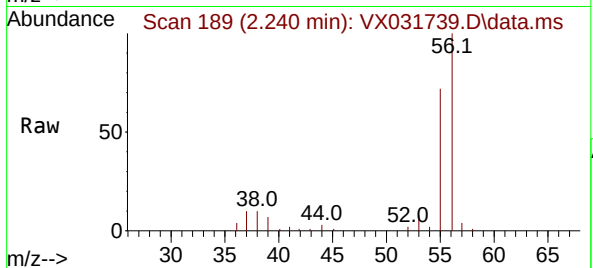
Tgt Ion: 96 Resp: 41699
 Ion Ratio Lower Upper
 96 100
 61 155.2 135.3 202.9
 98 60.8 49.4 74.2





#13
Acrolein
Concen: 267.996 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

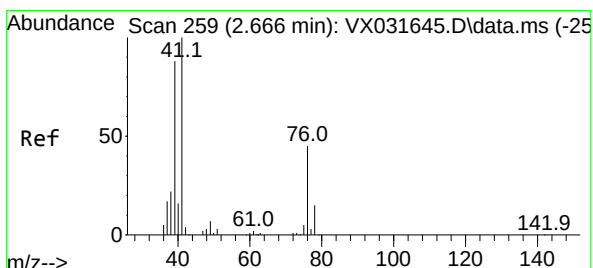
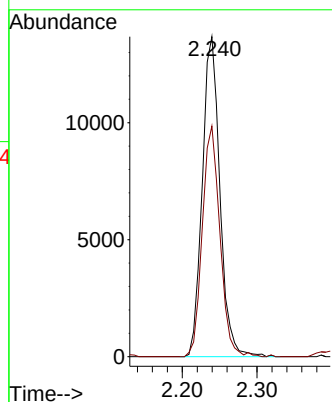
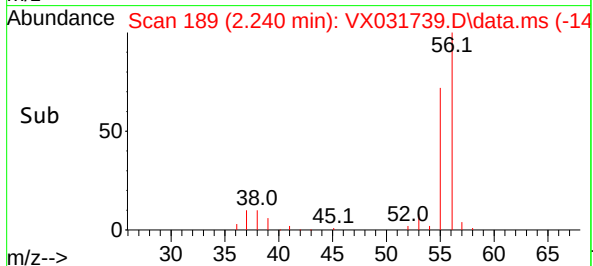
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2238
Ion Ratio Lower Upper
56 100
55 72.0 56.0 84.0

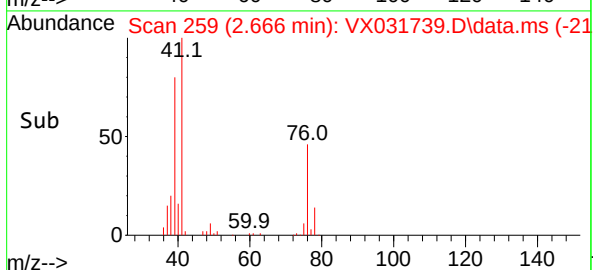
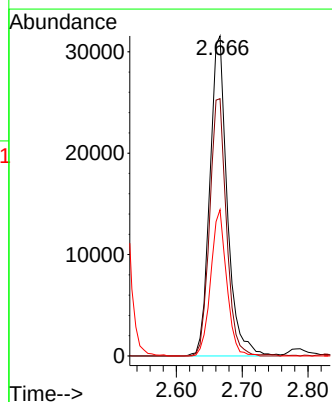
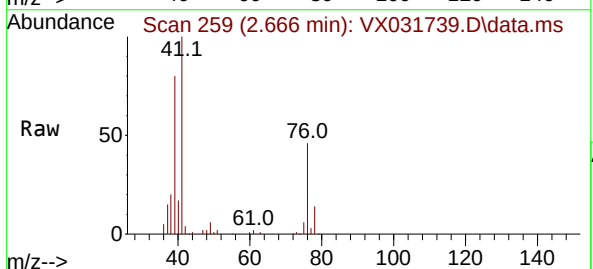
Manual Integrations
APPROVED

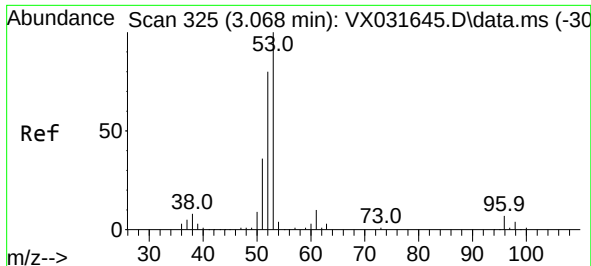
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#14
Allyl chloride
Concen: 50.091 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion: 41 Resp: 58155
Ion Ratio Lower Upper
41 100
39 77.2 58.2 87.4
76 41.7 26.9 40.3#





#15

Acrylonitrile

Concen: 251.197 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031739.D

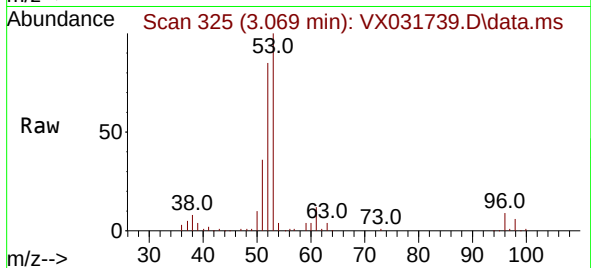
Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



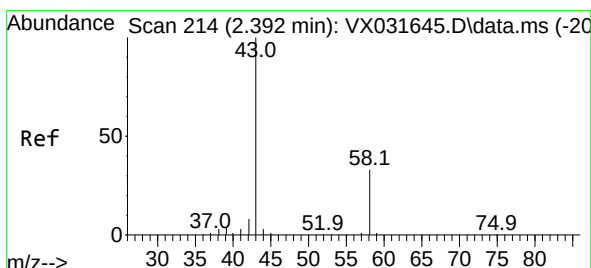
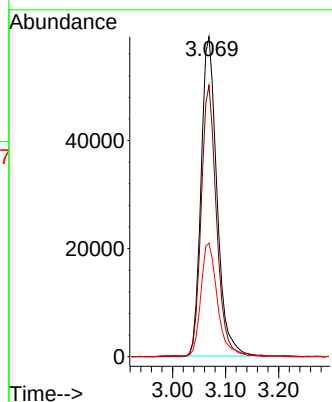
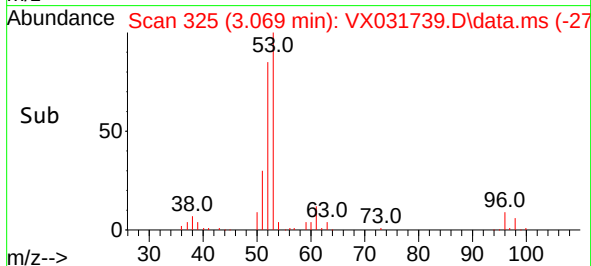
Tgt Ion:	53	Resp:	122830
Ion Ratio	100	Lower	Upper
53	100		
52	82.6	66.9	100.3
51	37.5	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#16

Acetone

Concen: 311.912 ug/l

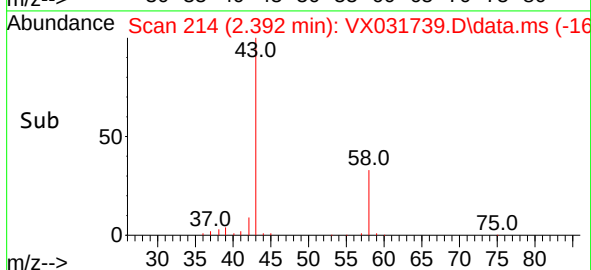
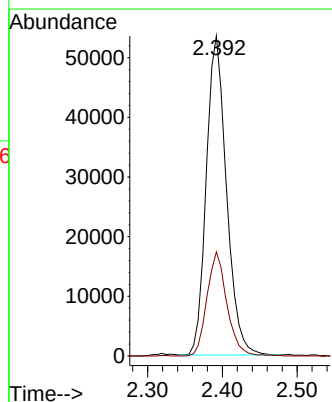
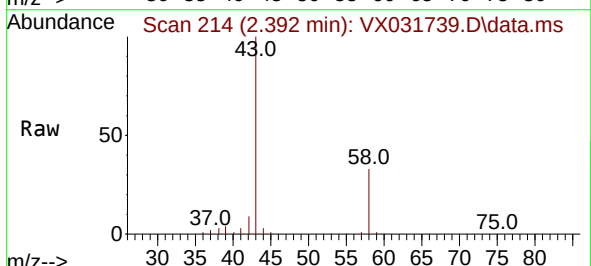
RT: 2.392 min Scan# 214

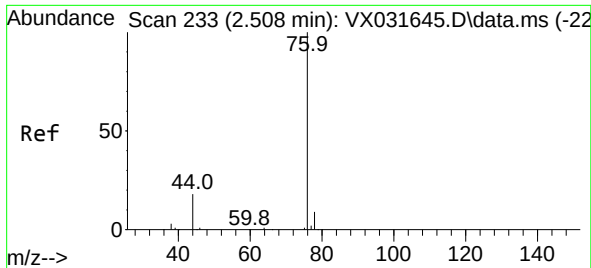
Delta R.T. 0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

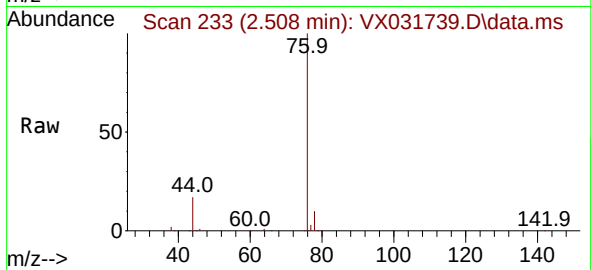
Tgt Ion:	43	Resp:	100219
Ion Ratio	100	Lower	Upper
43	100		
58	32.6	23.8	35.8





#17
Carbon Disulfide
Concen: 52.810 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

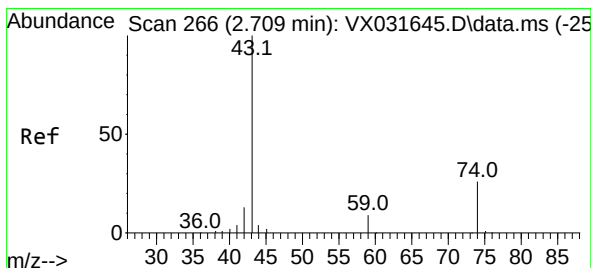
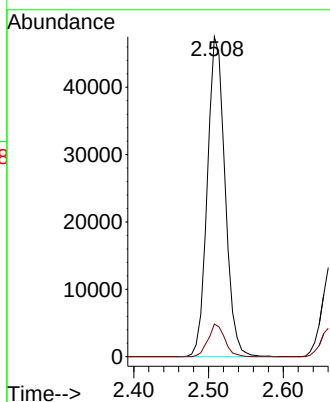
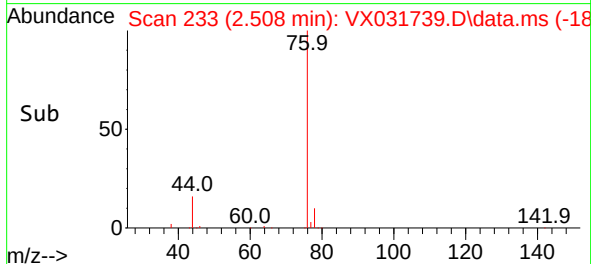
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



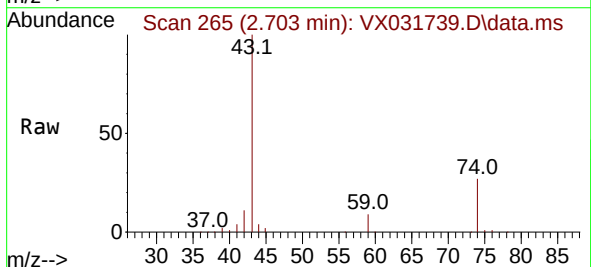
Tgt Ion: 76 Resp: 78004
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

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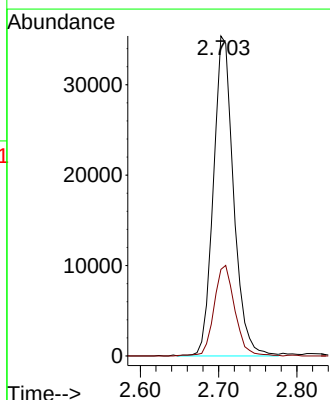
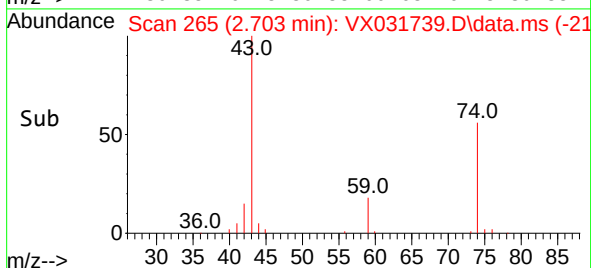
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

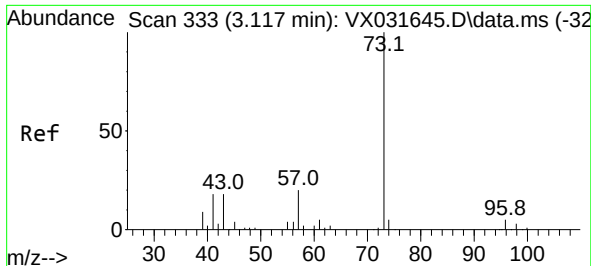


#18
Methyl Acetate
Concen: 50.111 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



Tgt Ion: 43 Resp: 63446
Ion Ratio Lower Upper
43 100
74 29.1 18.6 27.8#





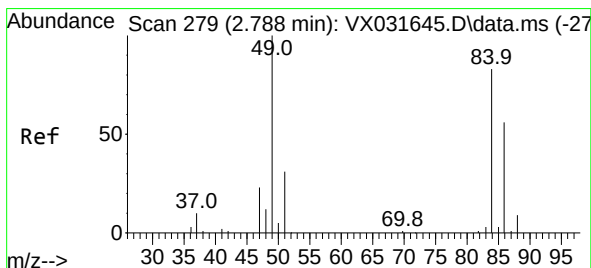
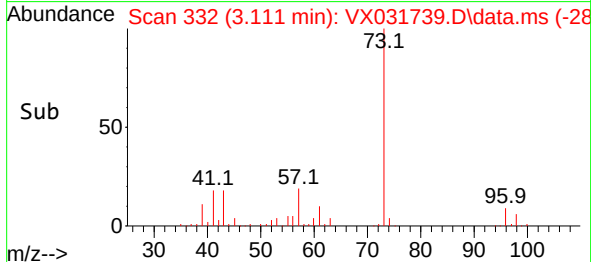
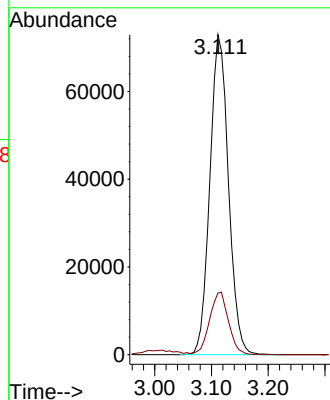
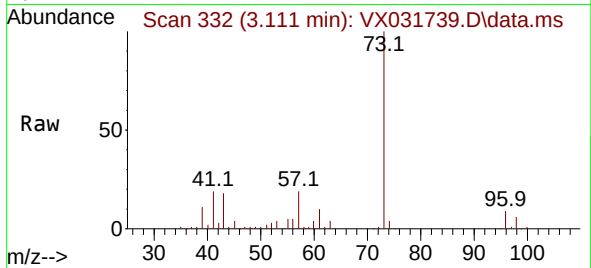
#19
Methyl tert-butyl Ether
Concen: 52.919 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 16583
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8

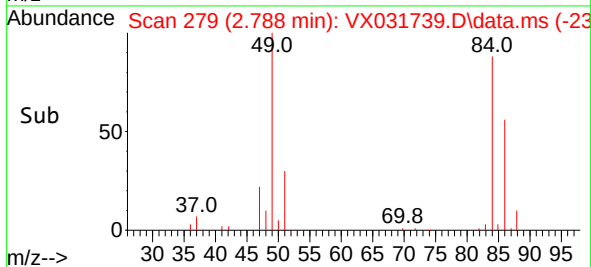
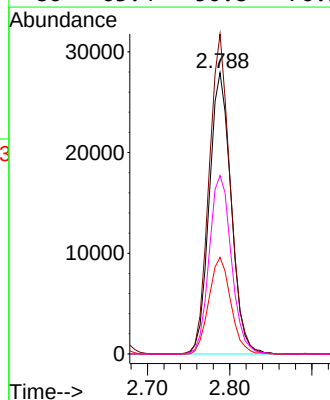
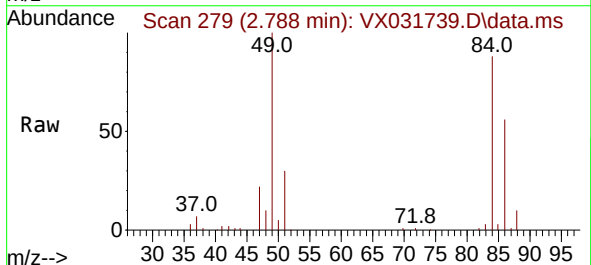
Manual Integrations
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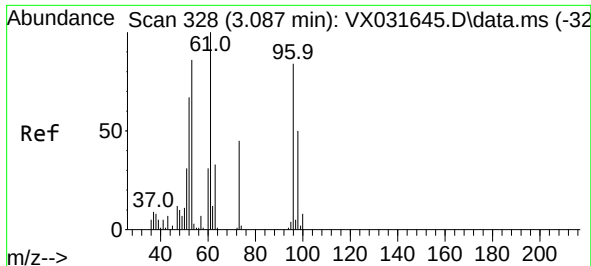
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#20
Methylene Chloride
Concen: 57.983 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

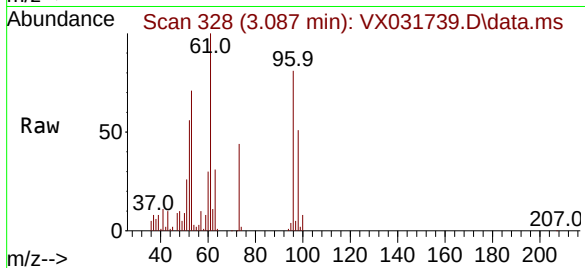
Tgt Ion: 84 Resp: 51421
Ion Ratio Lower Upper
84 100
49 113.7 105.9 158.9
51 34.4 32.2 48.2
86 63.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.977 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

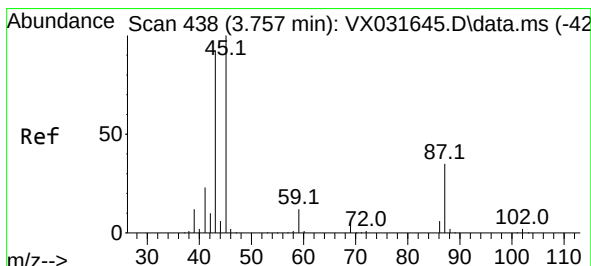
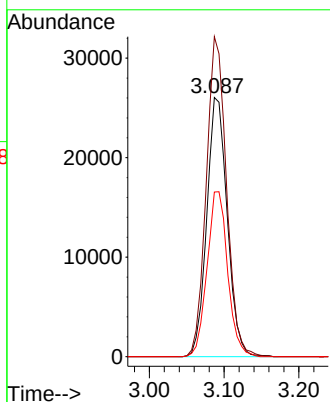
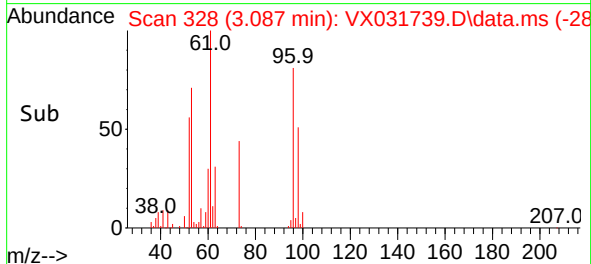
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



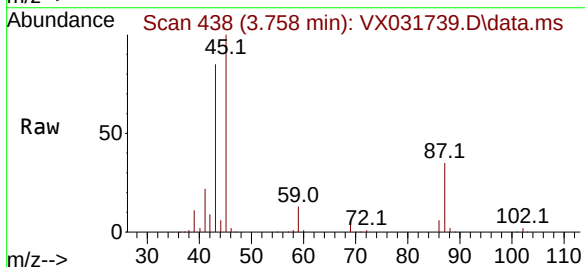
Tgt Ion: 96 Resp: 49730
Ion Ratio Lower Upper
96 100
61 123.4 106.7 160.1
98 63.5 48.7 73.1

Manual Integrations
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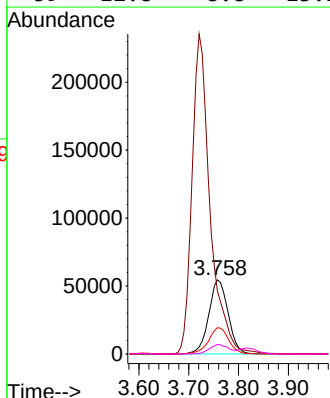
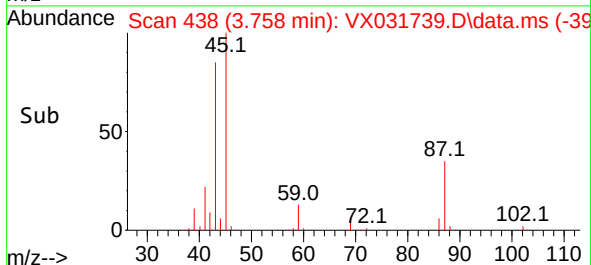
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

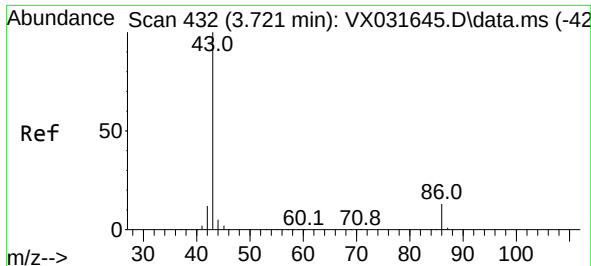


#22
Diisopropyl ether
Concen: 49.149 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



Tgt Ion: 45 Resp: 146859
Ion Ratio Lower Upper
45 100
43 84.1 59.0 88.6
87 35.4 22.6 33.8#
59 12.8 8.8 13.2





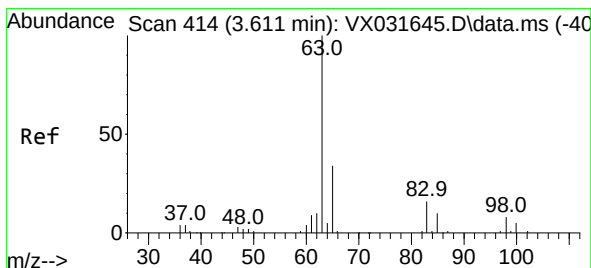
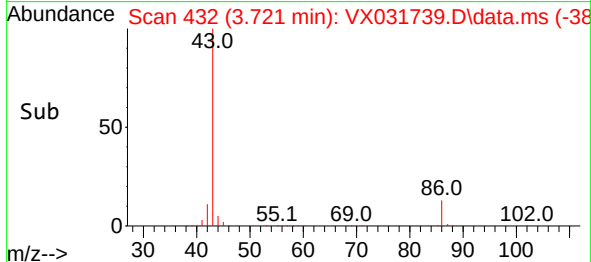
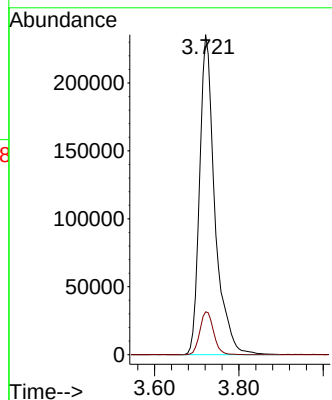
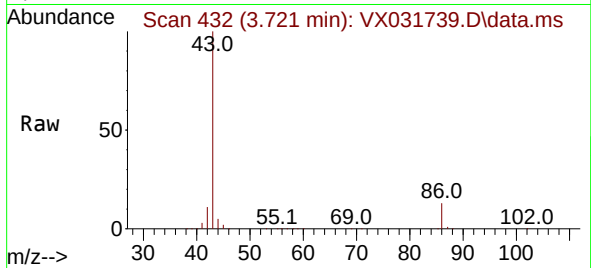
#23
 Vinyl Acetate
 Concen: 251.400 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031739.D
 Acq: 28 Sep 2022 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 594088
 Ion Ratio Lower Upper
 43 100
 86 13.4 8.7 13.1

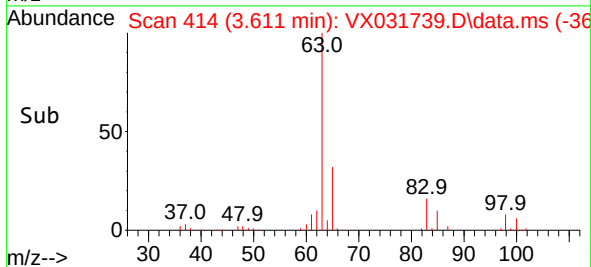
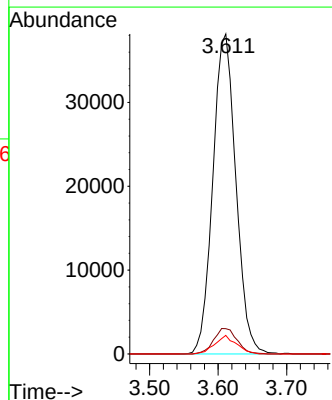
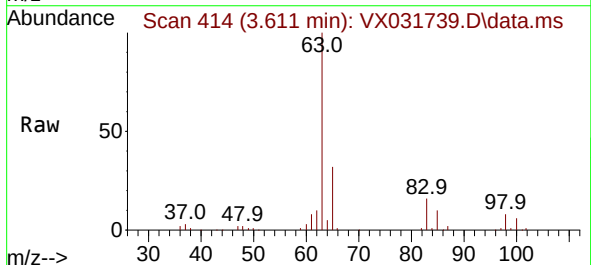
Manual Integrations
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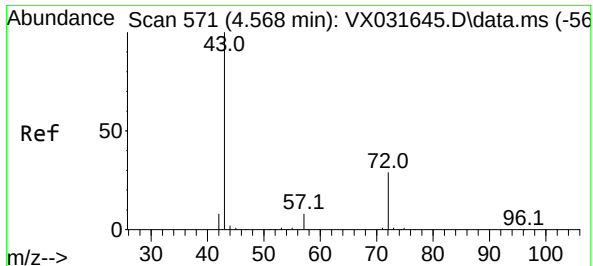
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022



#24
 1,1-Dichloroethane
 Concen: 51.711 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031739.D
 Acq: 28 Sep 2022 19:57

Tgt Ion: 63 Resp: 89079
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.8 2.4 7.2





#25

2-Butanone

Concen: 246.322 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 16565

Ion Ratio Lower Upper

43 100

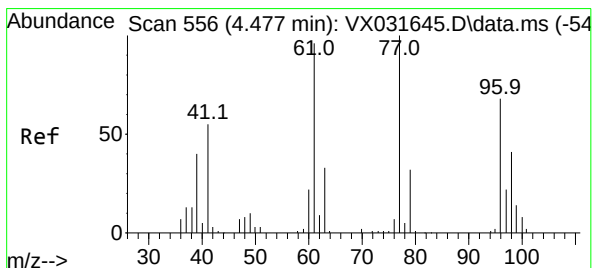
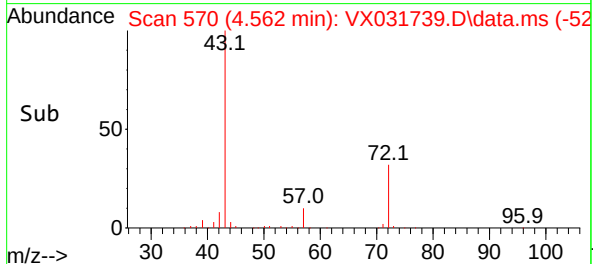
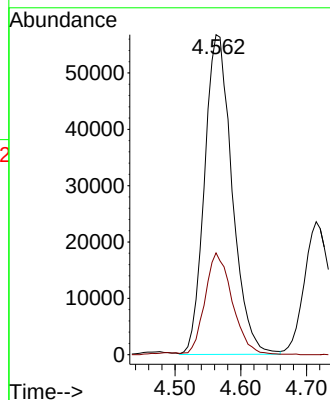
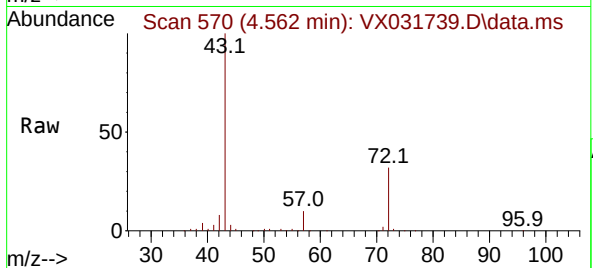
72 31.7 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#26

2,2-Dichloropropane

Concen: 47.889 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031739.D

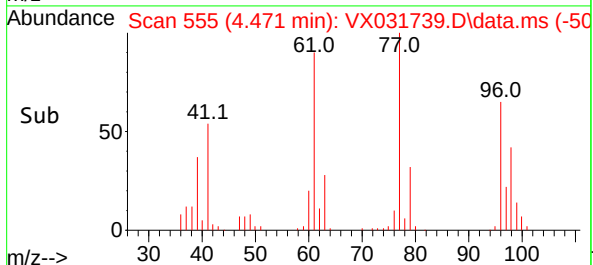
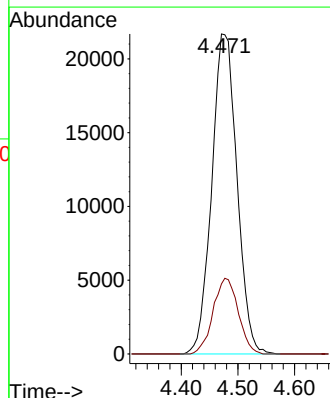
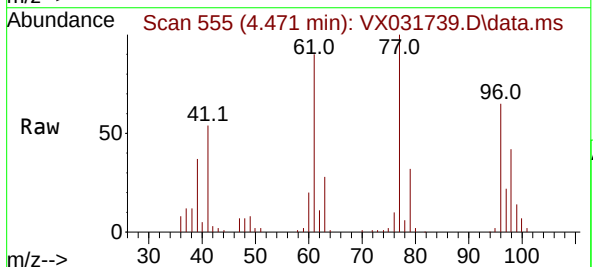
Acq: 28 Sep 2022 19:57

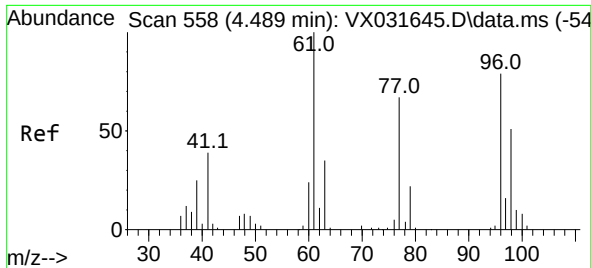
Tgt Ion: 77 Resp: 66957

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 52.924 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 63230

Ion Ratio Lower Upper

96 100

61 124.5 0.0 305.2

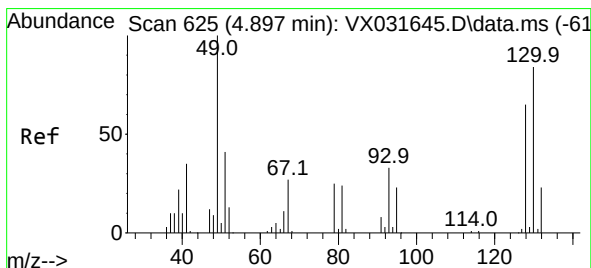
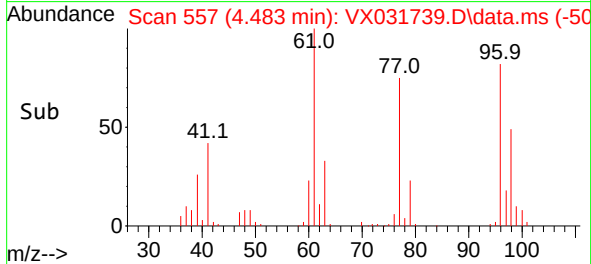
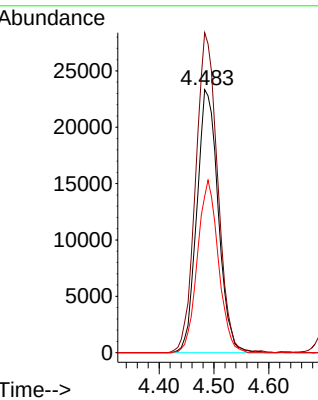
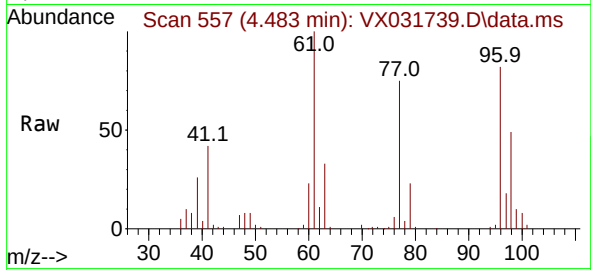
98 64.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#28

Bromochloromethane

Concen: 46.066 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

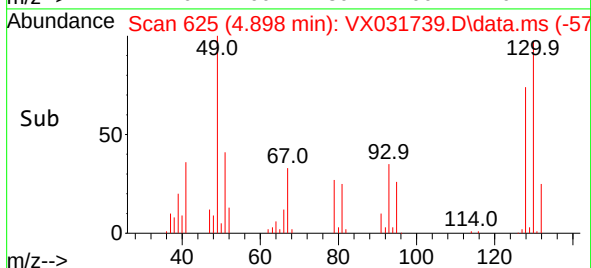
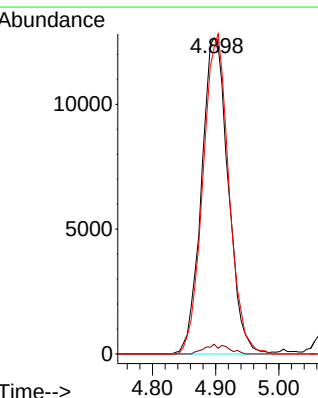
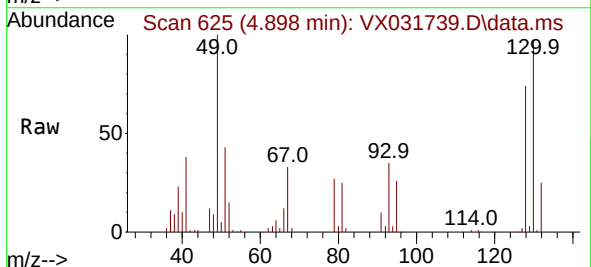
Tgt Ion: 49 Resp: 37122

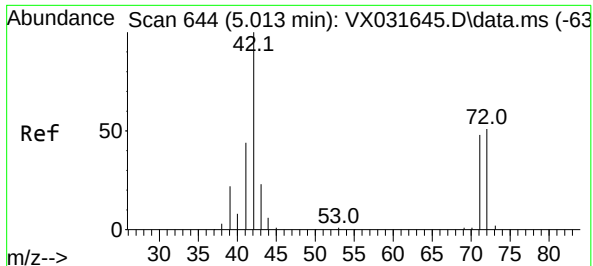
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.6

130 98.2 59.0 88.4#





#29

Tetrahydrofuran

Concen: 249.191 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 105278

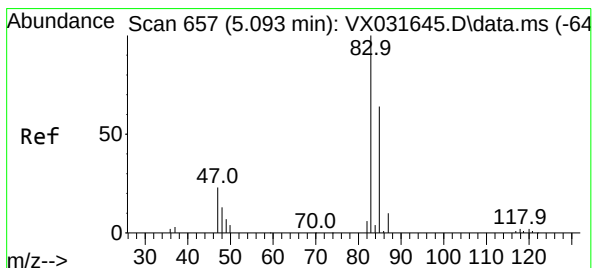
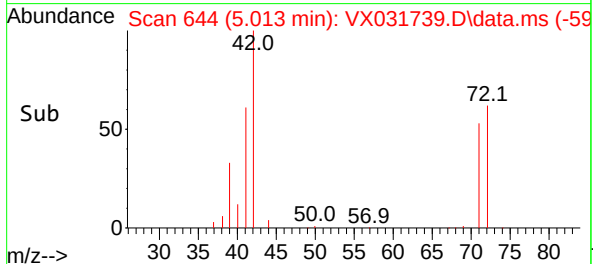
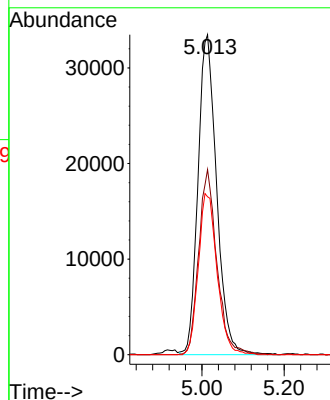
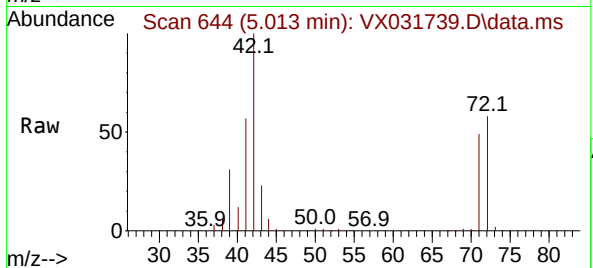
Ion	Ratio	Lower	Upper
42	100		
72	56.7	36.4	54.6
71	50.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#30

Chloroform

Concen: 53.731 ug/l

RT: 5.093 min Scan# 657

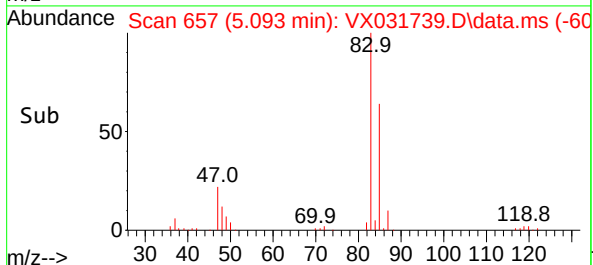
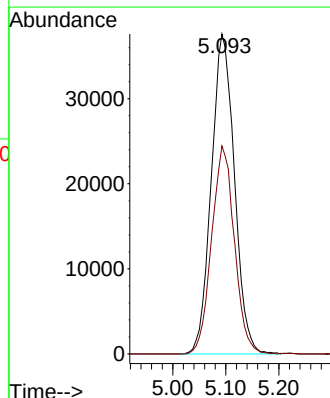
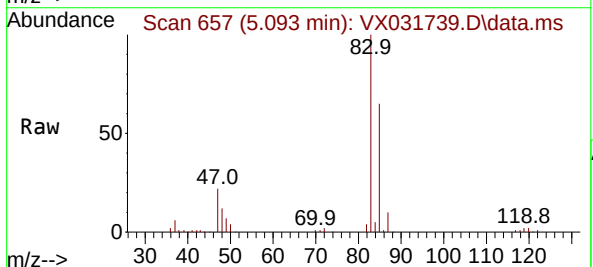
Delta R.T. -0.006 min

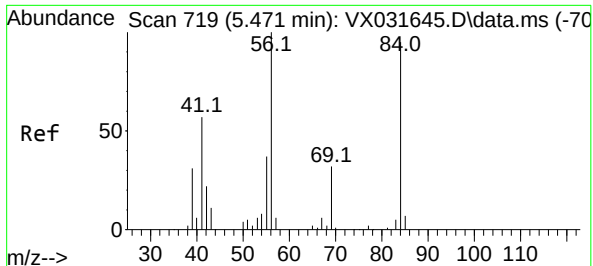
Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion: 83 Resp: 113866

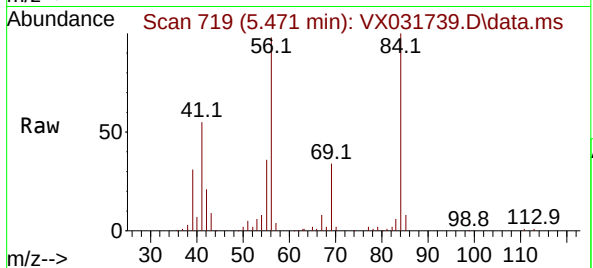
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2





#31
Cyclohexane
Concen: 50.451 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

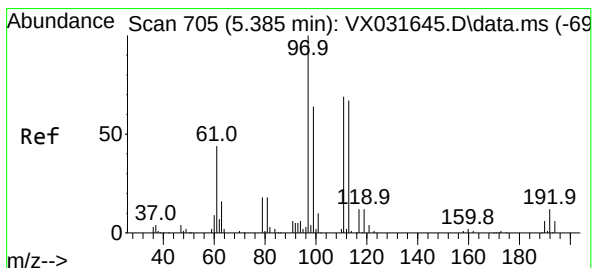
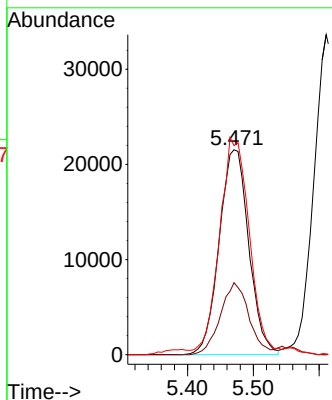
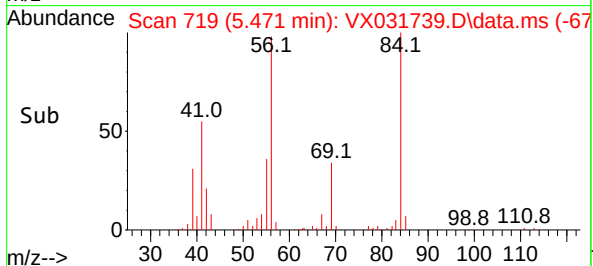
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



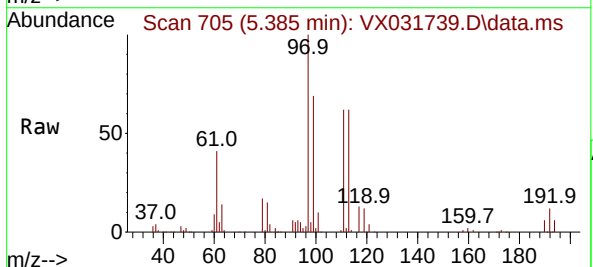
Tgt Ion: 56 Resp: 67580
Ion Ratio Lower Upper
56 100
69 35.2 25.1 37.7
84 99.5 70.2 105.4

Manual Integrations
APPROVED

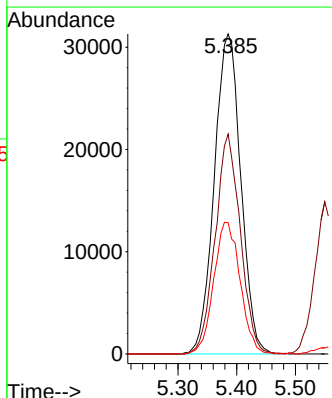
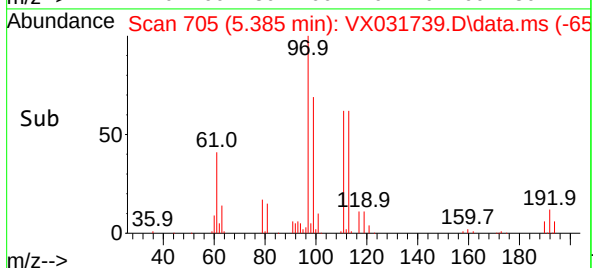
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

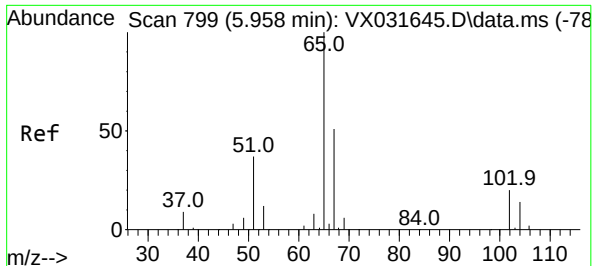


#32
1,1,1-Trichloroethane
Concen: 55.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



Tgt Ion: 97 Resp: 98114
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 40.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.683 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6436

Ion Ratio Lower Upper

65 100

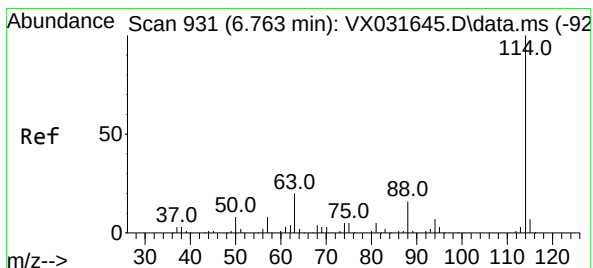
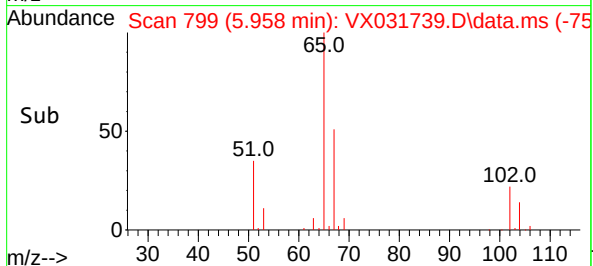
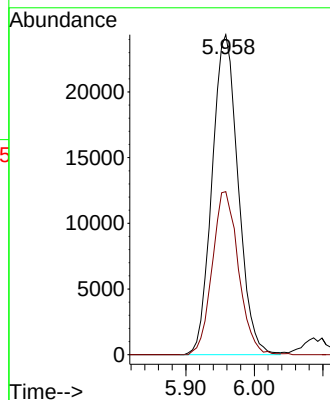
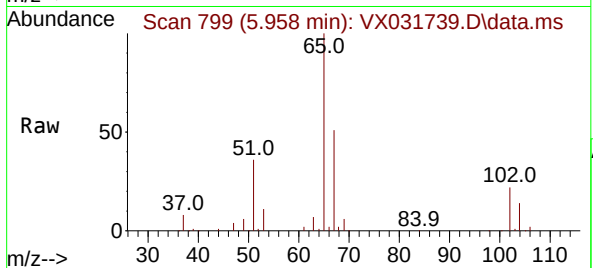
67 51.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

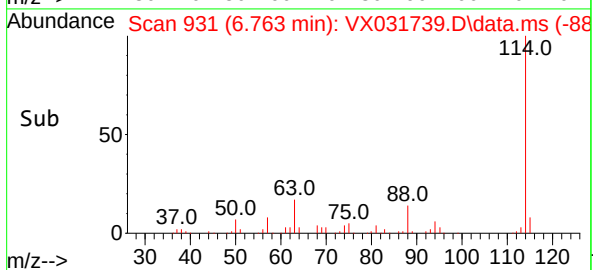
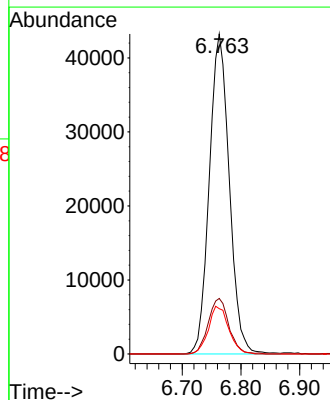
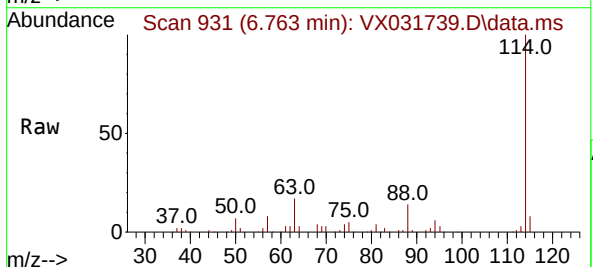
Tgt Ion:114 Resp: 101962

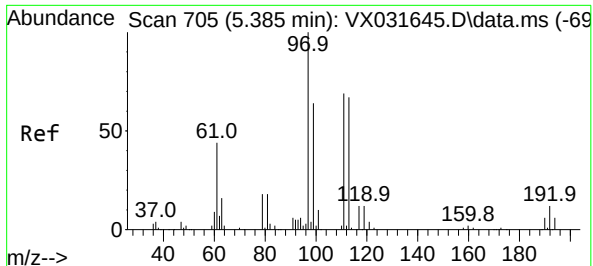
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.105 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

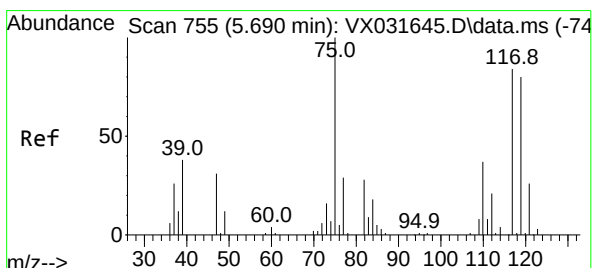
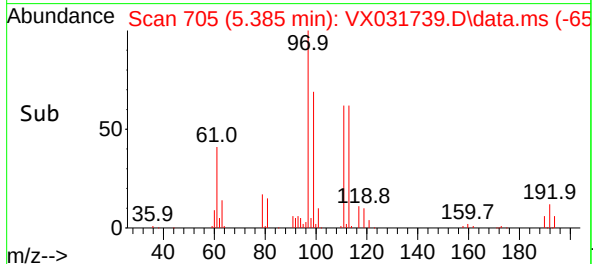
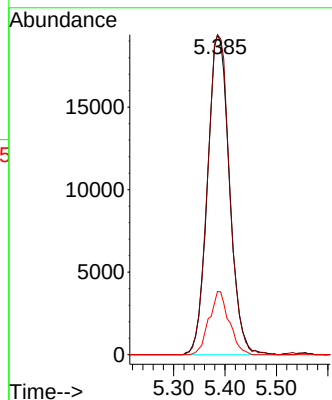
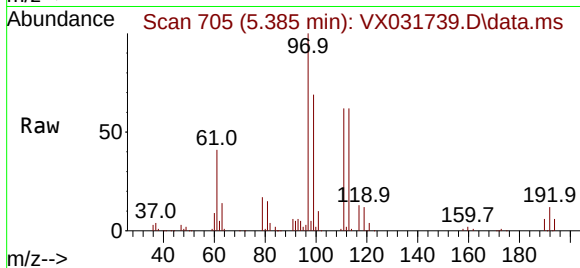
Tgt Ion:	113	Resp:	57228
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.4	123.6
192	18.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#36

1,1-Dichloropropene

Concen: 51.739 ug/l

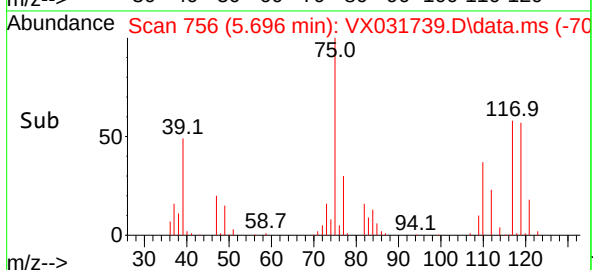
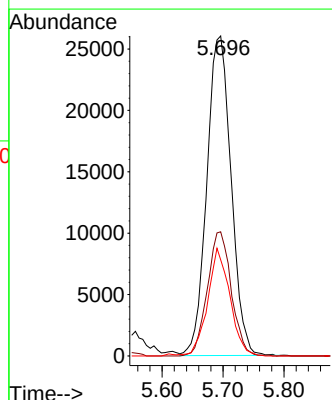
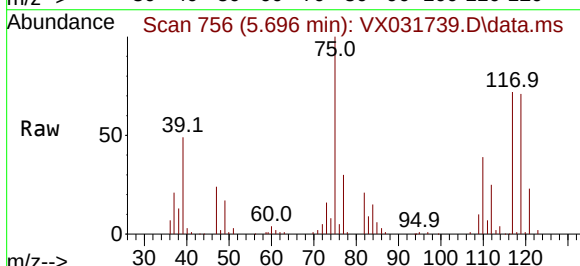
RT: 5.696 min Scan# 756

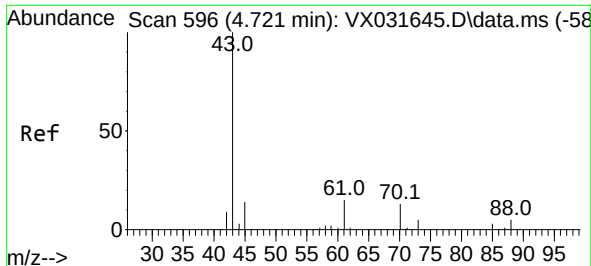
Delta R.T. 0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion:	75	Resp:	72187
Ion Ratio	Lower	Upper	
75	100		
110	38.3	17.5	52.5
77	30.8	24.9	37.3





#37

Ethyl Acetate

Concen: 47.555 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

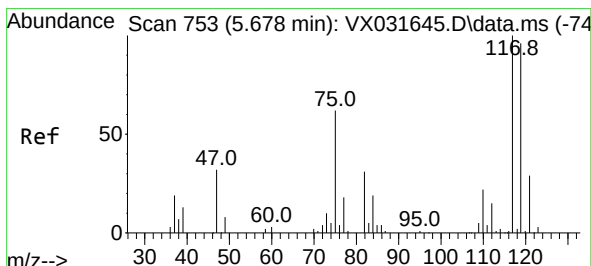
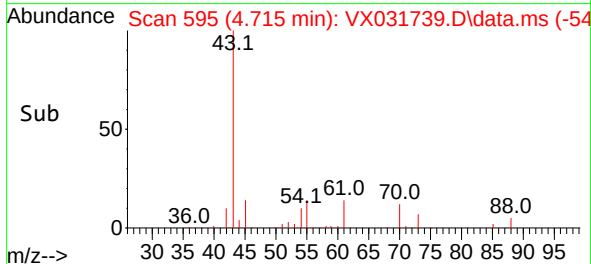
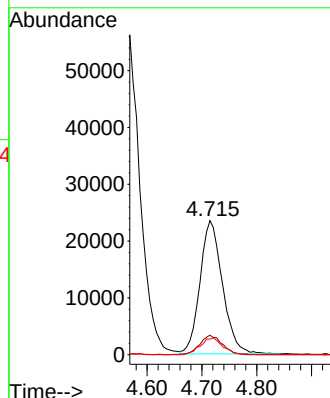
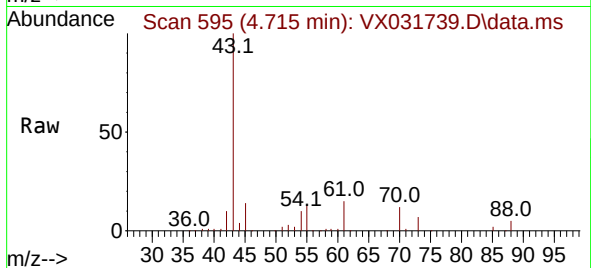
Tgt Ion: 43	Resp: 66924
Ion Ratio	Lower Upper
43 100	
61 14.6	11.1 16.7
70 12.4	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#38

Carbon Tetrachloride

Concen: 54.557 ug/l

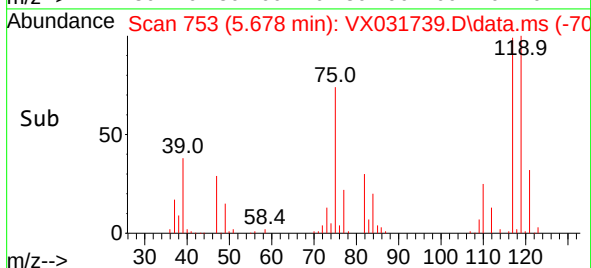
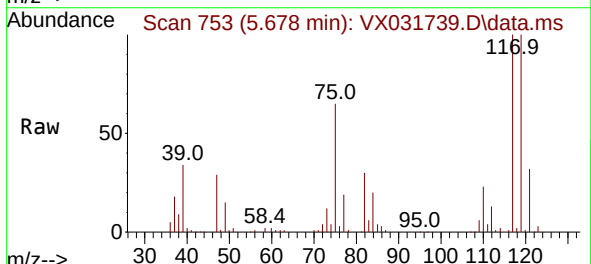
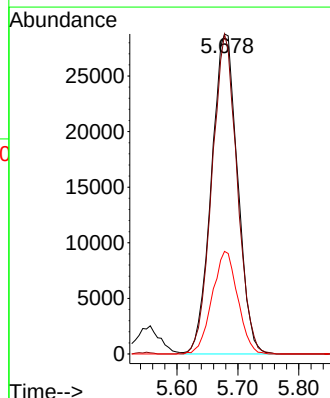
RT: 5.678 min Scan# 753

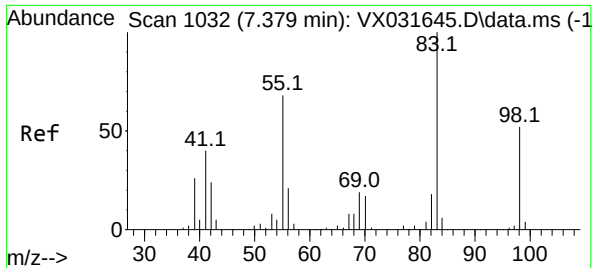
Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion: 117	Resp: 85786
Ion Ratio	Lower Upper
117 100	
119 99.9	74.6 112.0
121 32.0	25.3 37.9





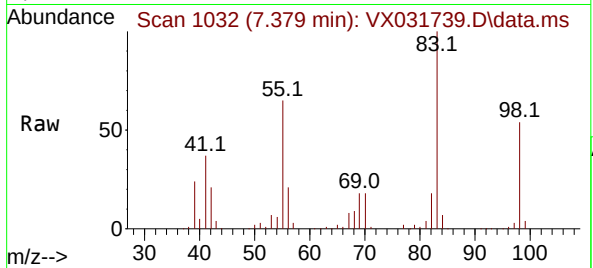
#39
Methylcyclohexane
Concen: 51.401 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



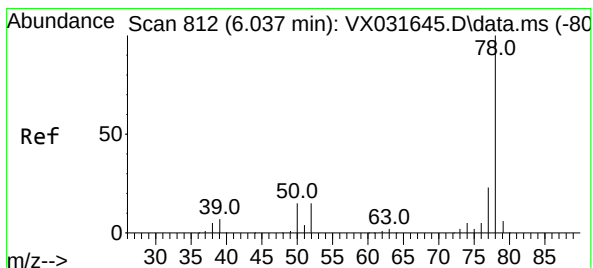
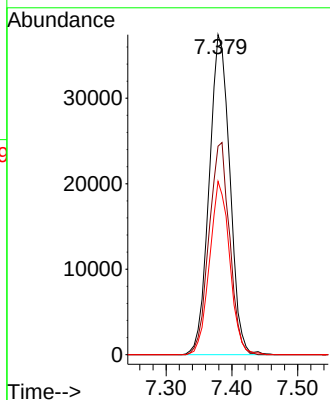
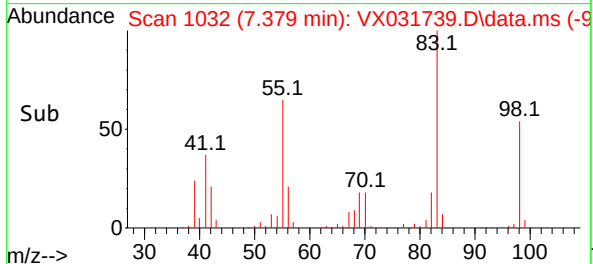
Tgt Ion: 83 Resp: 81711
Ion Ratio Lower Upper
83 100
55 65.2 61.0 91.4
98 54.1 37.7 56.5

Manual Integrations

APPROVED

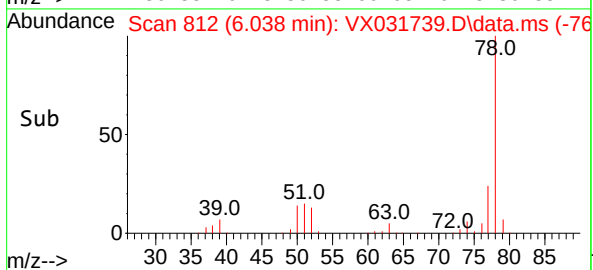
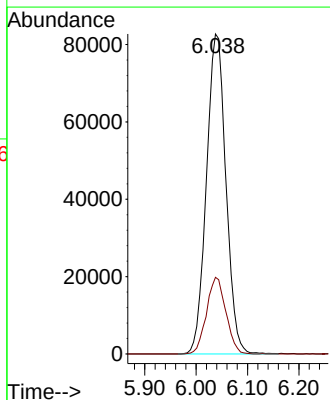
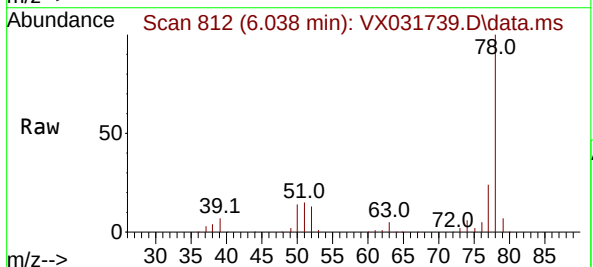
Reviewed By :John Carlone 09/29/2022

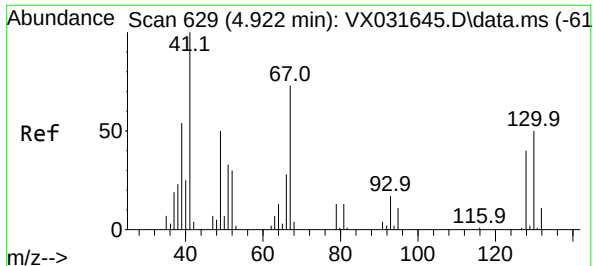
Supervised By :Mahesh Dadoda 09/30/2022



#40
Benzene
Concen: 50.829 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

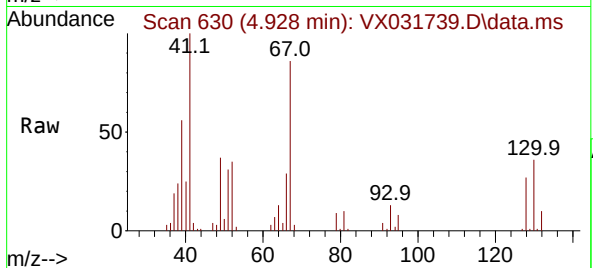
Tgt Ion: 78 Resp: 217811
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#41
Methacrylonitrile
Concen: 48.265 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

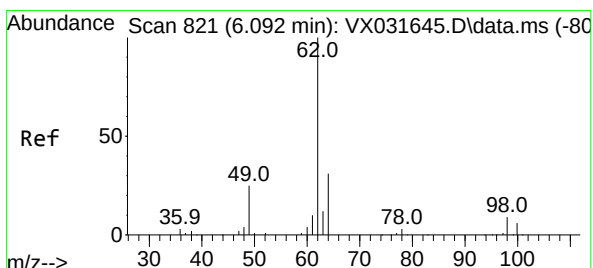
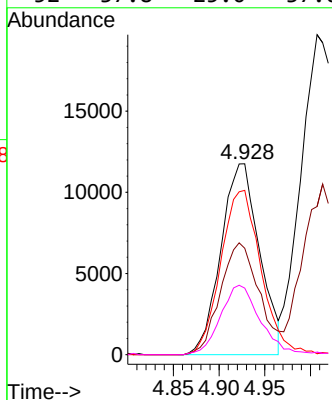
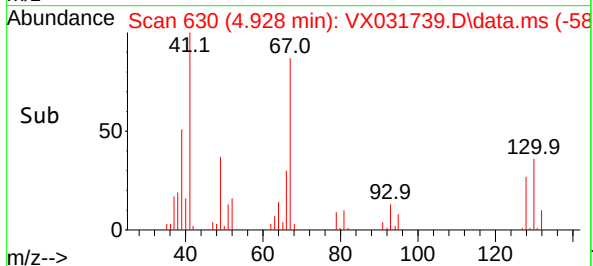
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3456
Ion Ratio Lower Upper
41 100
39 60.2 45.0 67.6
67 89.9 58.2 87.4
52 37.8 25.0 37.6#

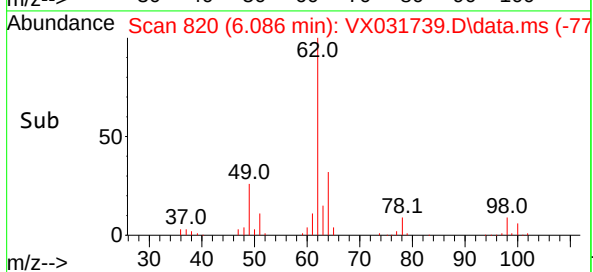
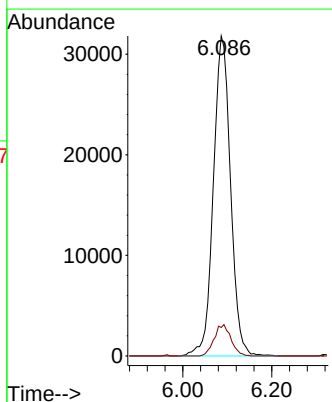
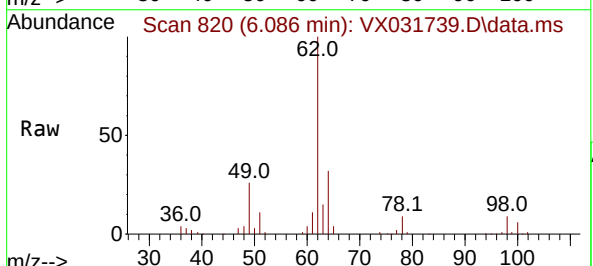
Manual Integrations
APPROVED

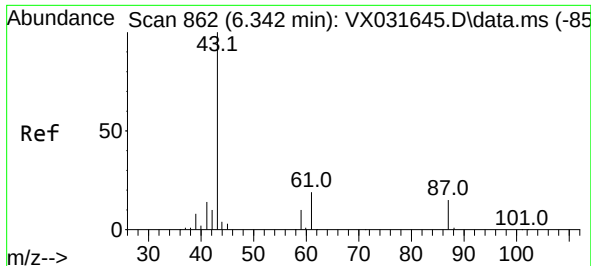
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#42
1,2-Dichloroethane
Concen: 51.393 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

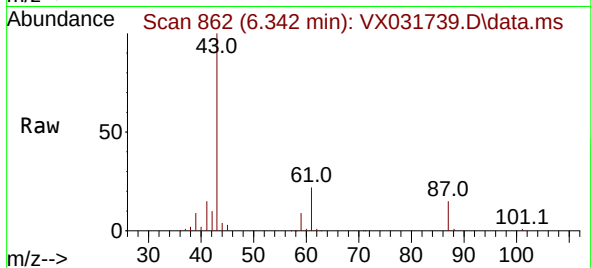
Tgt Ion: 62 Resp: 85172
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.8





#43
Isopropyl Acetate
Concen: 49.034 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

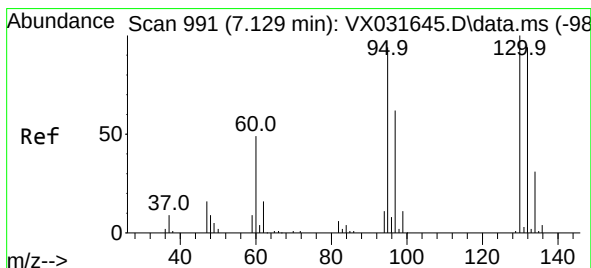
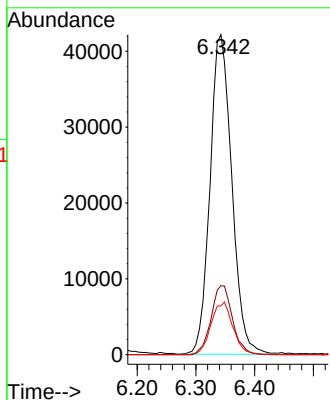
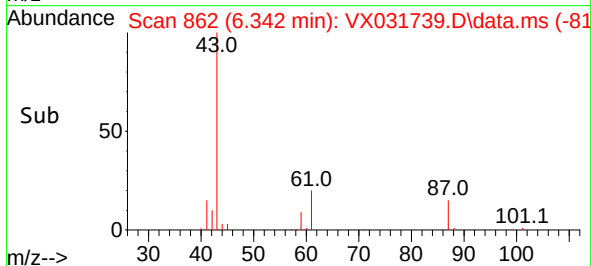
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108609
Ion Ratio Lower Upper
43 100
61 21.1 15.3 22.9
87 16.5 10.6 15.8

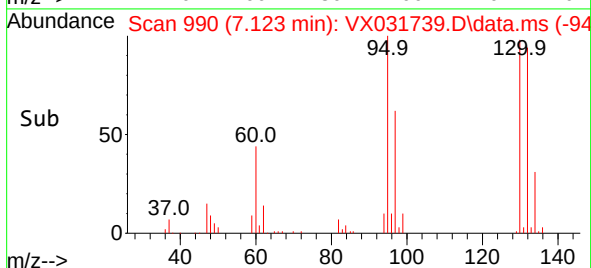
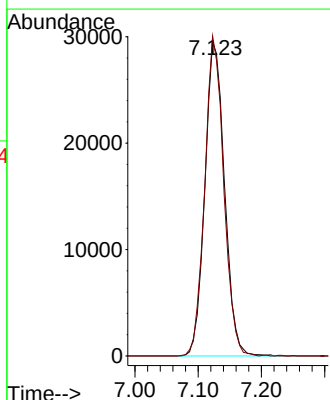
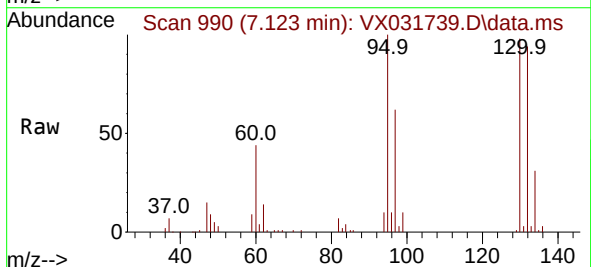
Manual Integrations
APPROVED

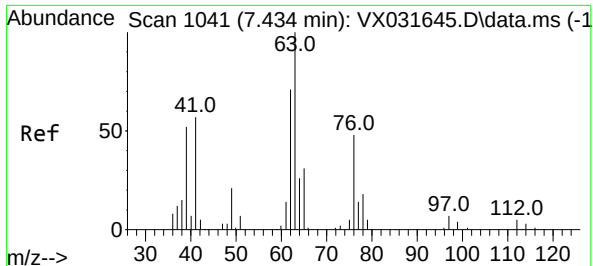
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#44
Trichloroethene
Concen: 52.668 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion:130 Resp: 63747
Ion Ratio Lower Upper
130 100
95 101.8 0.0 206.8





#45

1,2-Dichloropropane

Concen: 50.436 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5245

Ion Ratio Lower Upper

63 100

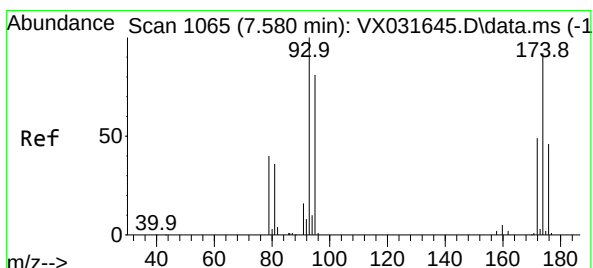
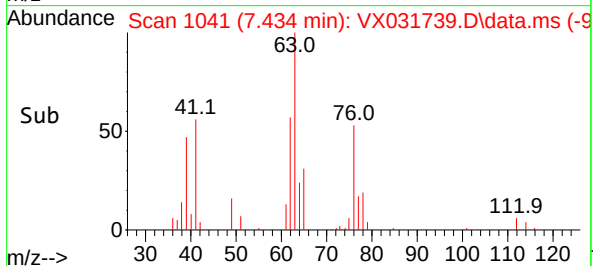
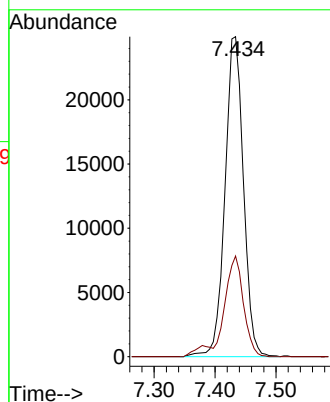
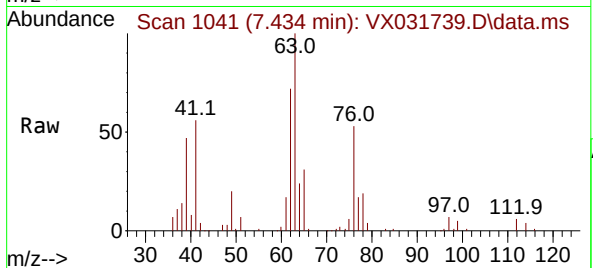
65 31.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#46

Dibromomethane

Concen: 52.968 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

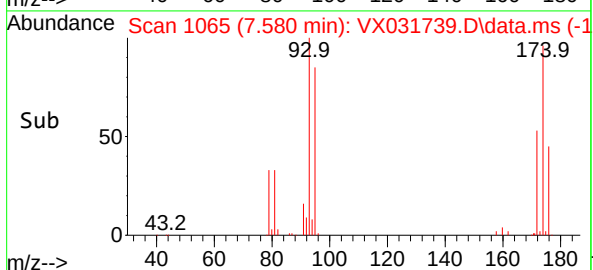
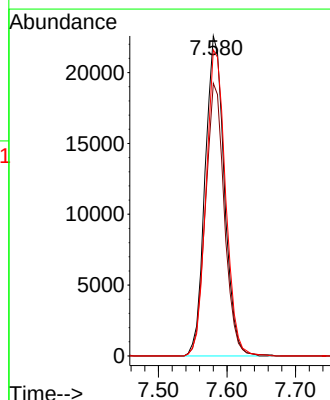
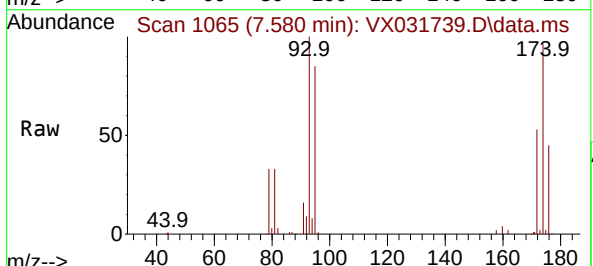
Tgt Ion: 93 Resp: 44239

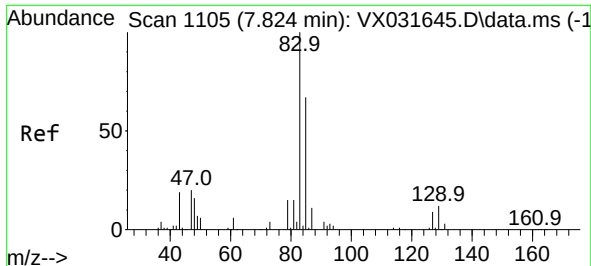
Ion Ratio Lower Upper

93 100

95 83.4 65.5 98.3

174 96.8 67.6 101.4





#47
Bromodichloromethane
Concen: 55.436 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

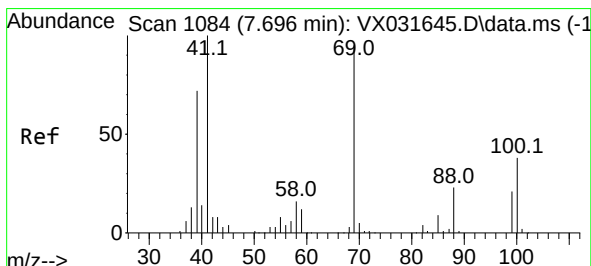
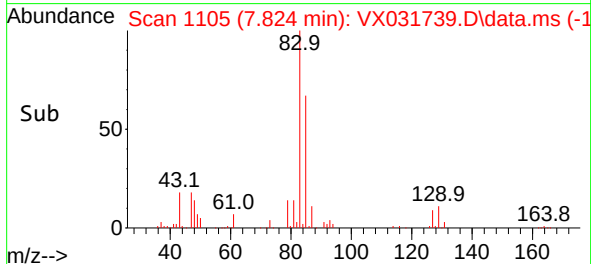
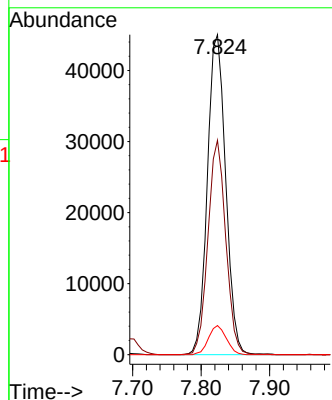
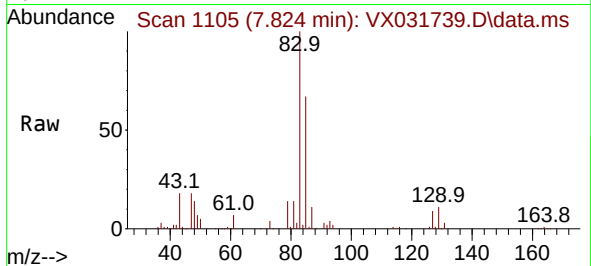
VSTDCCC050EC

Tgt Ion: 83 Resp: 83550
Ion Ratio Lower Upper
83 100
85 67.0 51.0 76.6
127 9.1 7.0 10.6

Manual Integrations

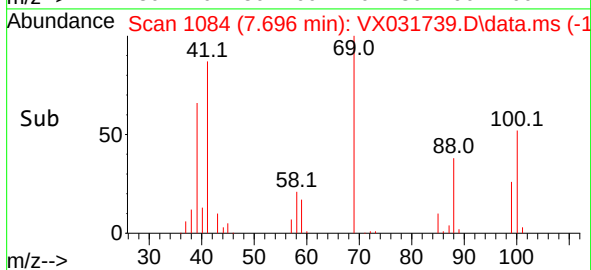
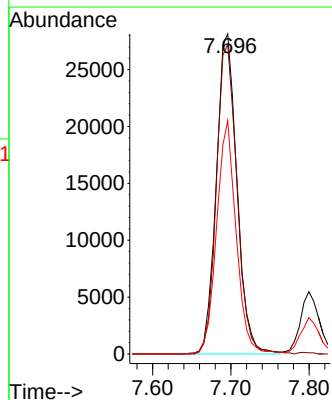
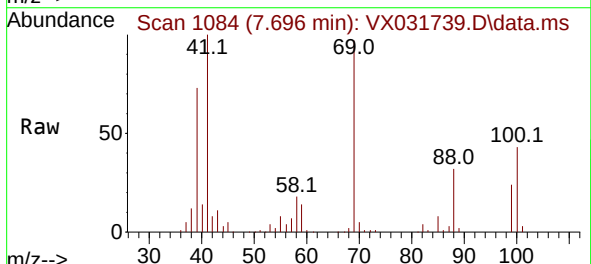
APPROVED

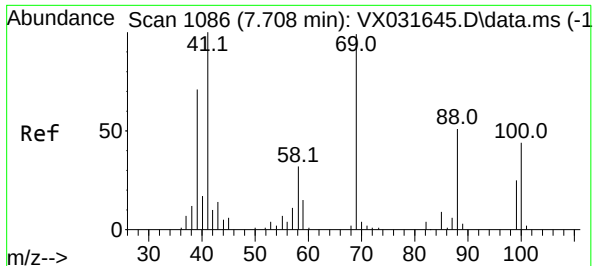
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#48
Methyl methacrylate
Concen: 52.928 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion: 41 Resp: 51557
Ion Ratio Lower Upper
41 100
69 96.7 64.6 96.8
39 69.1 51.4 77.0





#49

1,4-Dioxane

Concen: 1150.296 ug/l

RT: 7.696 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2711

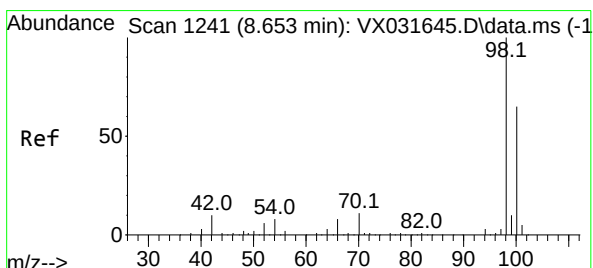
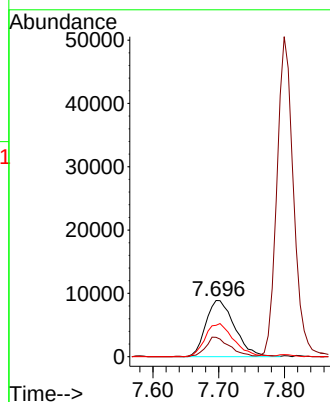
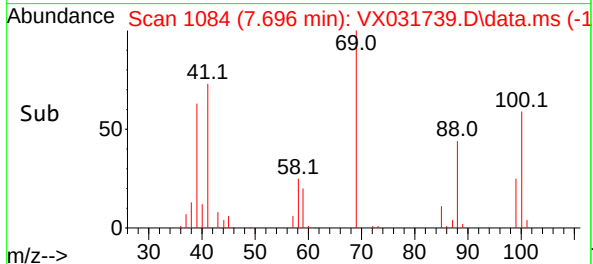
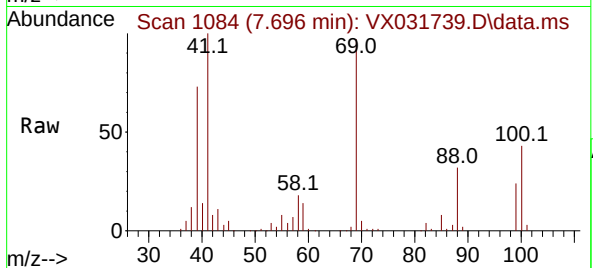
Ion	Ratio	Lower	Upper
88	100		
43	28.9	27.1	40.7
58	58.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#50

Toluene-d8

Concen: 47.264 ug/l

RT: 8.647 min Scan# 1240

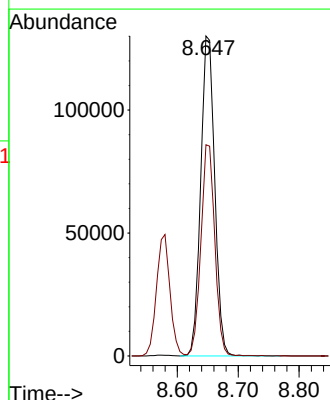
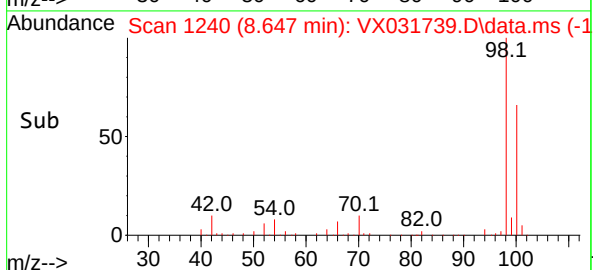
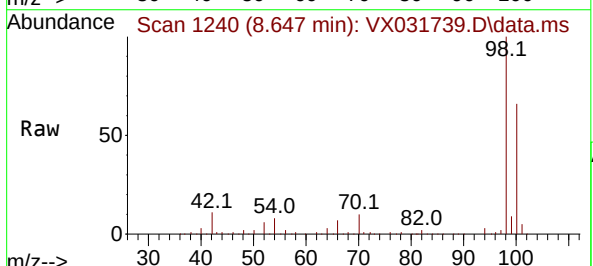
Delta R.T. -0.006 min

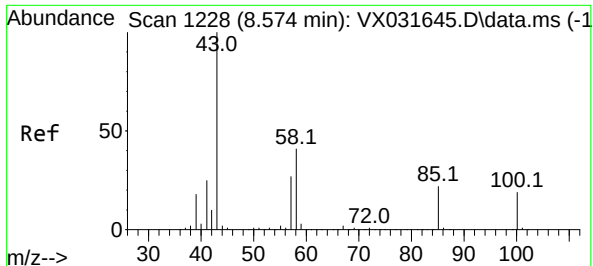
Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion: 98 Resp: 208174

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 254.627 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35698

Ion Ratio Lower Upper

43 100

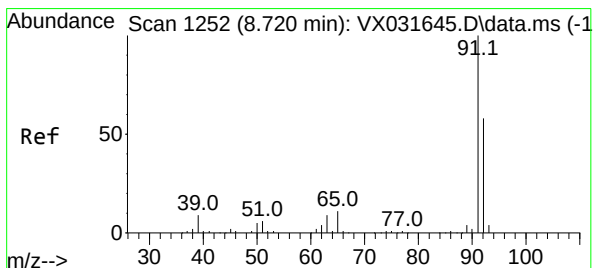
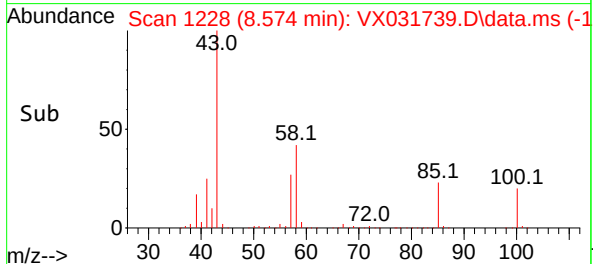
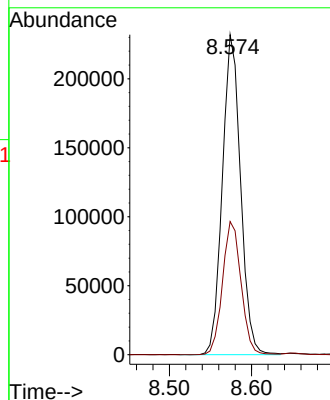
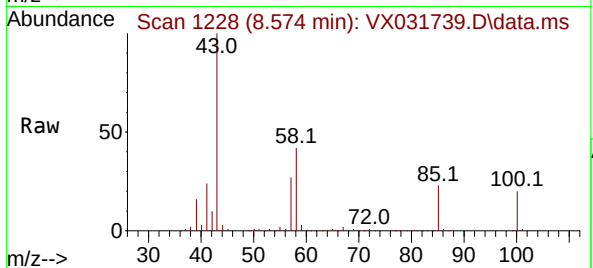
58 42.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#52

Toluene

Concen: 54.201 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031739.D

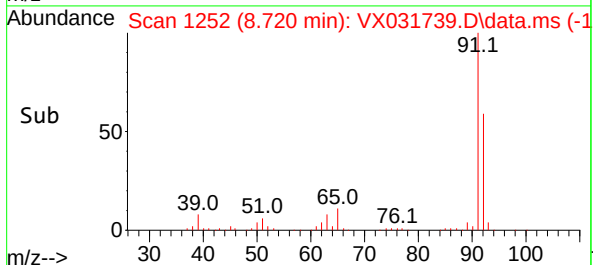
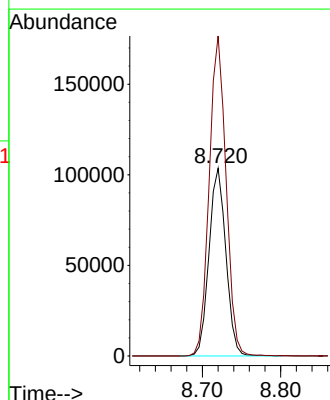
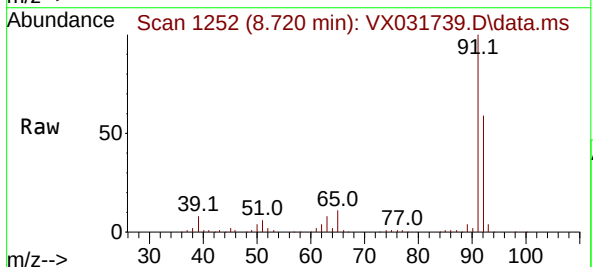
Acq: 28 Sep 2022 19:57

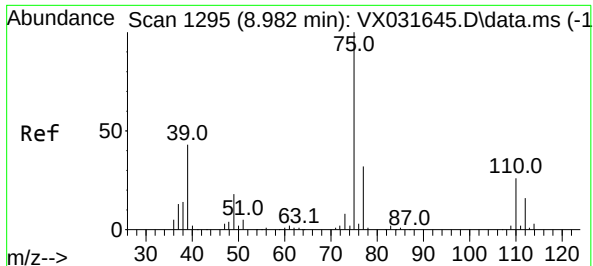
Tgt Ion: 92 Resp: 154819

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 47.817 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 8308

Ion Ratio Lower Upper

75 100

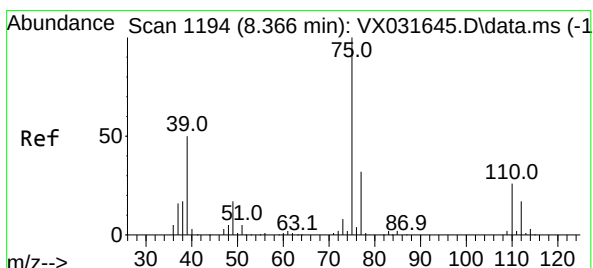
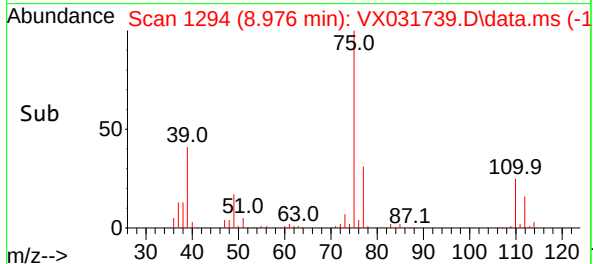
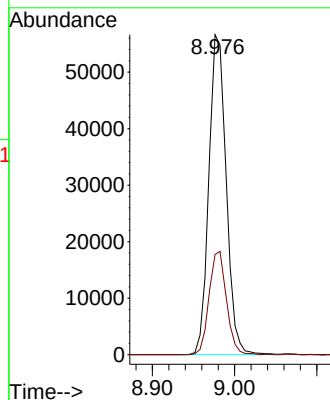
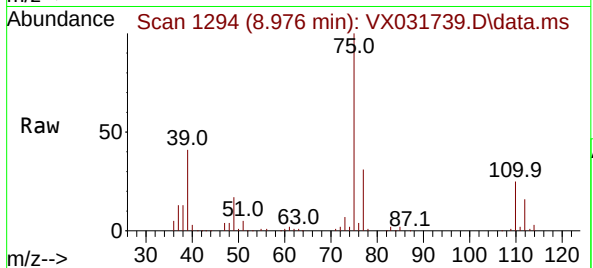
77 31.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#54

cis-1,3-Dichloropropene

Concen: 55.911 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

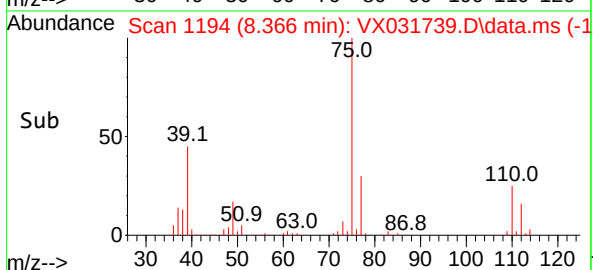
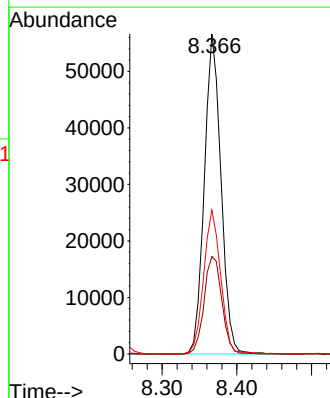
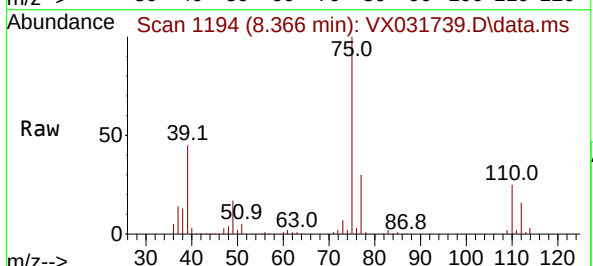
Tgt Ion: 75 Resp: 87573

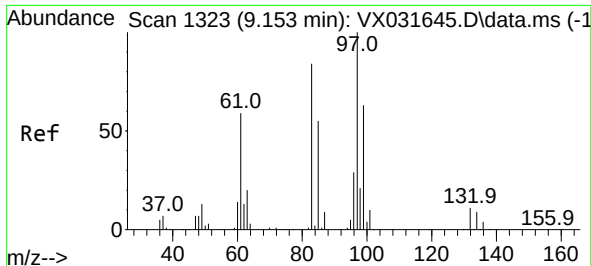
Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6

39 45.0 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 54.328 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 6681

Ion Ratio Lower Upper

97 100

83 80.0 69.0 103.6

85 52.9 44.1 66.1

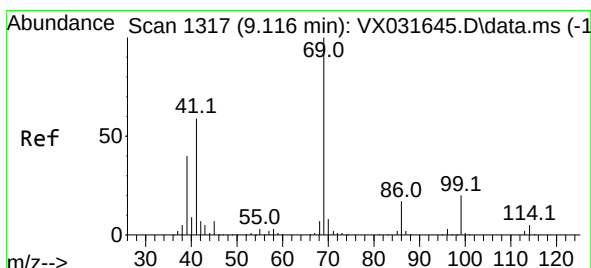
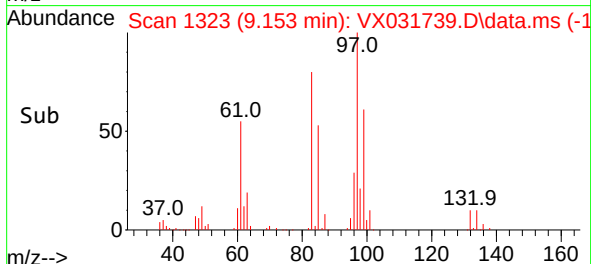
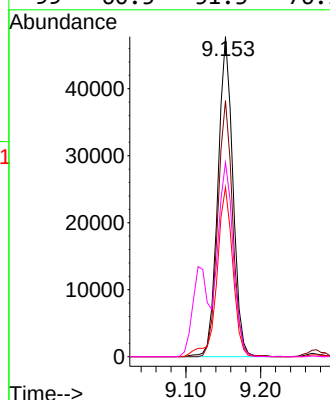
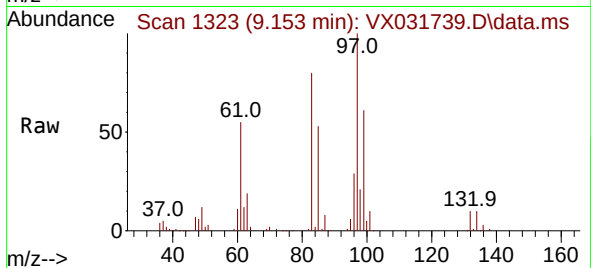
99 60.5 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#56

Ethyl methacrylate

Concen: 56.514 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

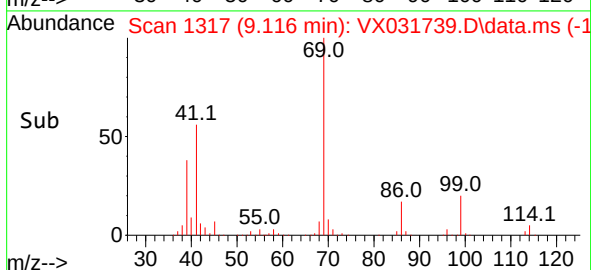
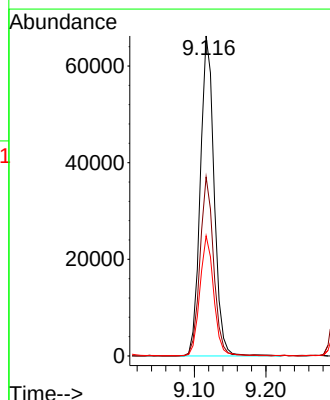
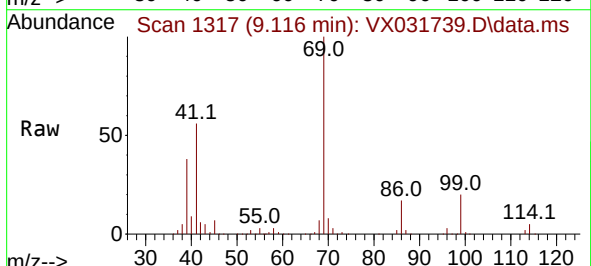
Tgt Ion: 69 Resp: 88923

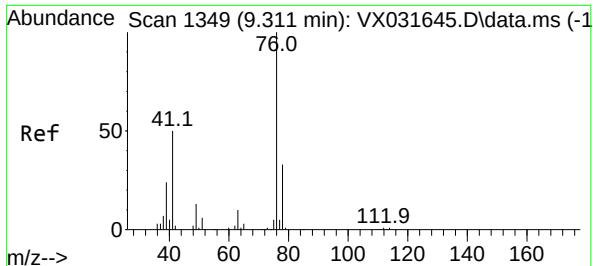
Ion Ratio Lower Upper

69 100

41 55.3 54.2 81.4

39 37.9 34.2 51.2





#57

1,3-Dichloropropane

Concen: 53.206 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 103620

Ion Ratio Lower Upper

76 100

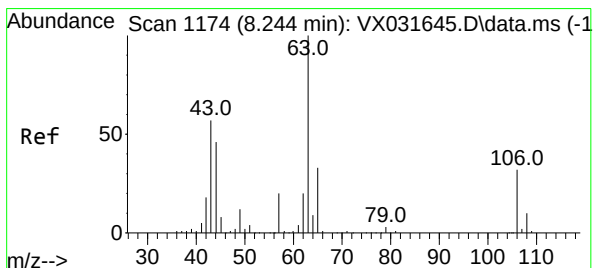
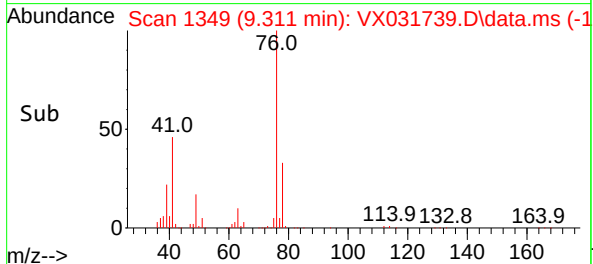
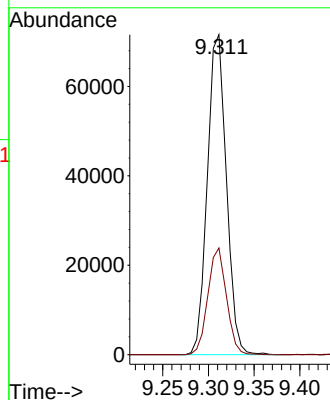
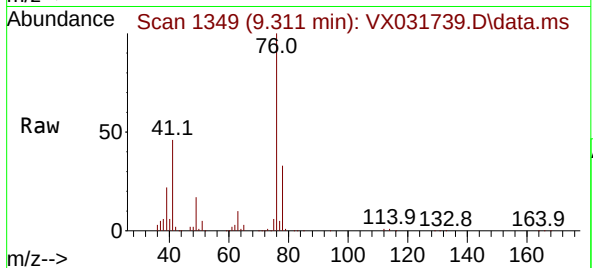
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.792 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX031739.D

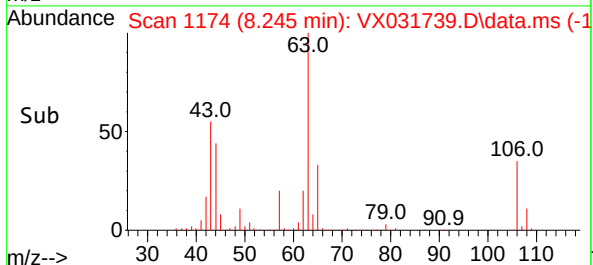
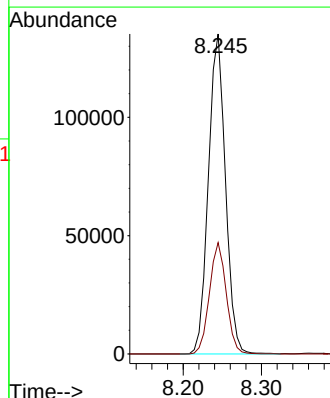
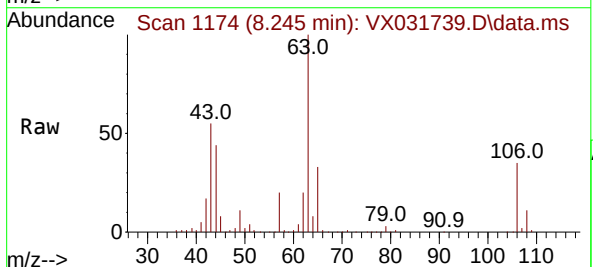
Acq: 28 Sep 2022 19:57

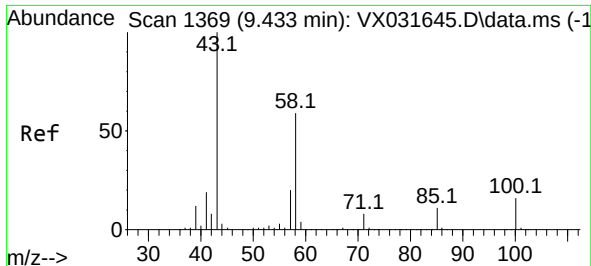
Tgt Ion: 63 Resp: 204385

Ion Ratio Lower Upper

63 100

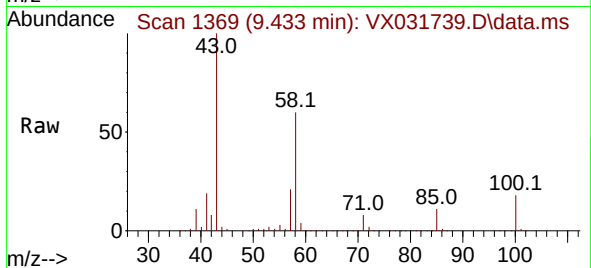
106 34.3 22.6 34.0#





#59
2-Hexanone
Concen: 256.655 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

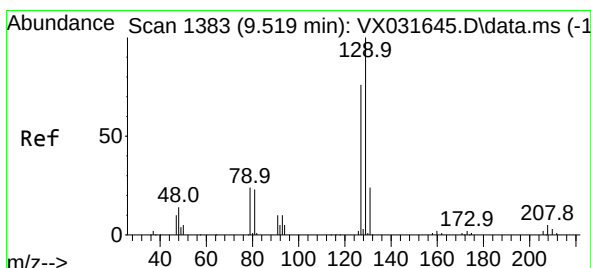
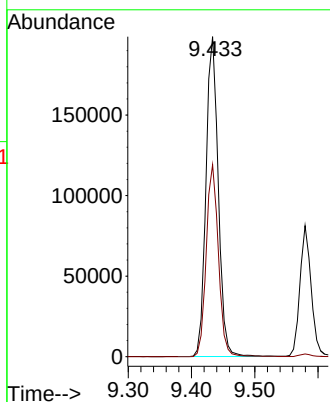
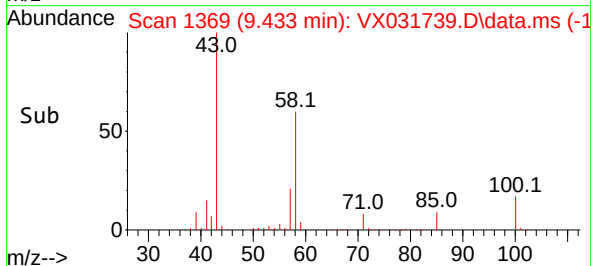
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 268472
Ion Ratio Lower Upper
43 100
58 59.6 26.7 80.0

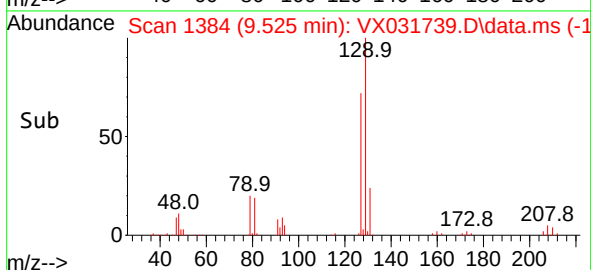
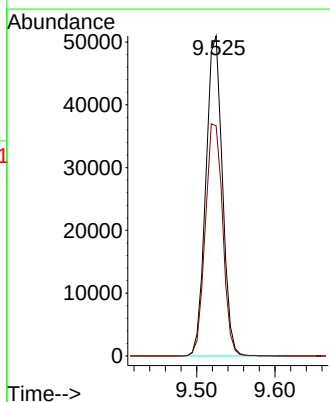
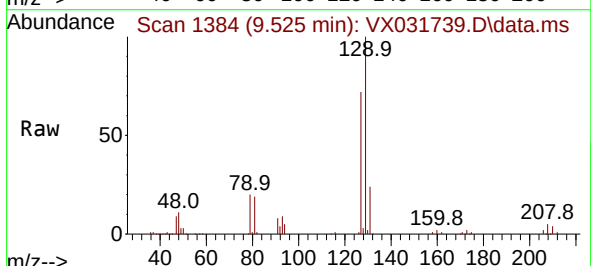
Manual Integrations
APPROVED

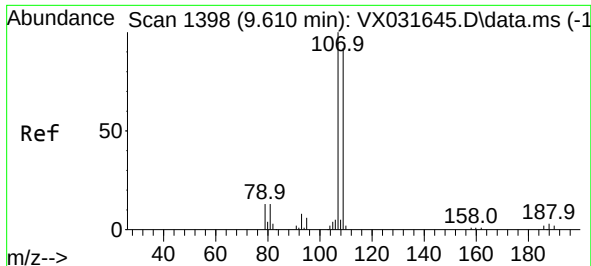
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#60
Dibromochloromethane
Concen: 51.773 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

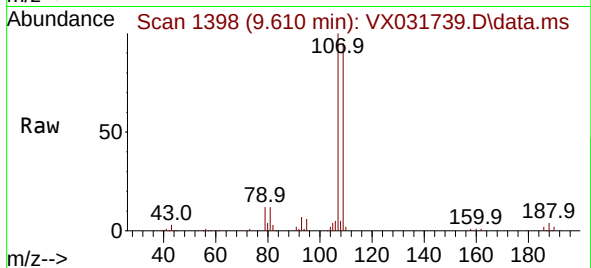
Tgt Ion:129 Resp: 74424
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 57.289 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

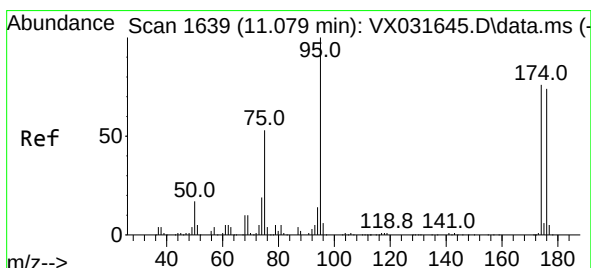
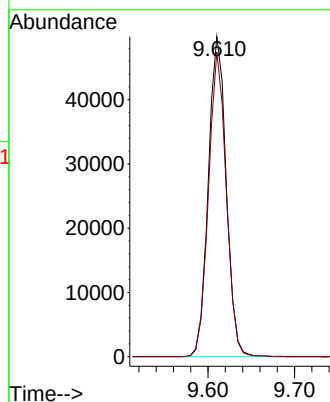
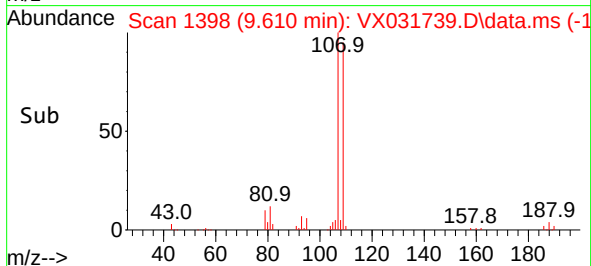
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



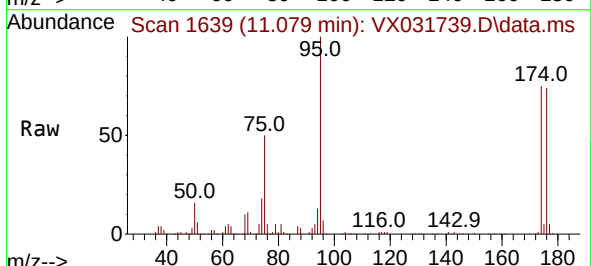
Tgt Ion:107 Resp: 71519
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4

Manual Integrations
APPROVED

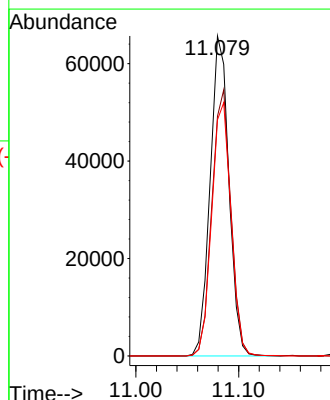
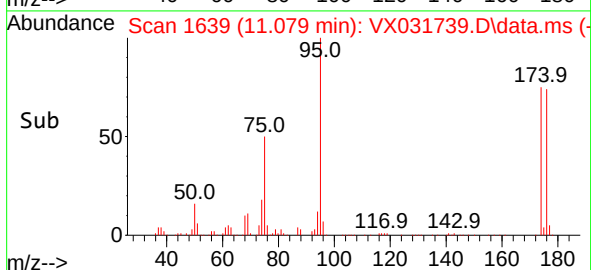
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

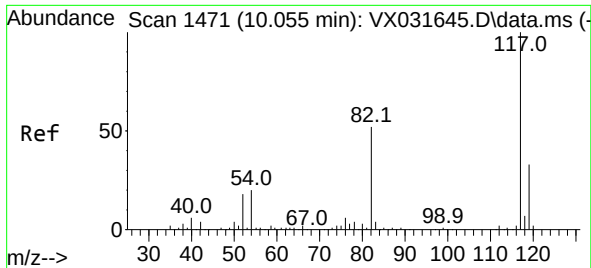


#62
4-Bromofluorobenzene
Concen: 51.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



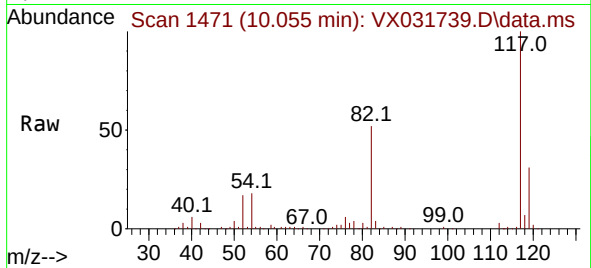
Tgt Ion: 95 Resp: 83485
Ion Ratio Lower Upper
95 100
174 84.0 0.0 153.2
176 81.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

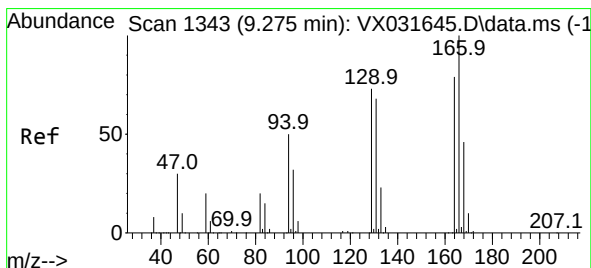
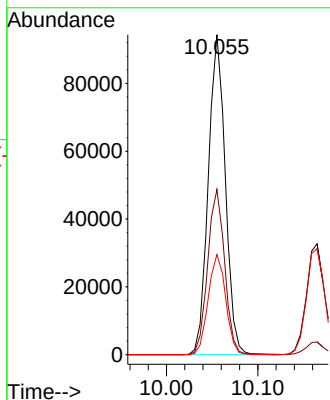
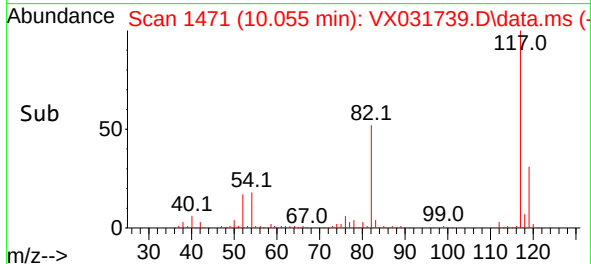
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



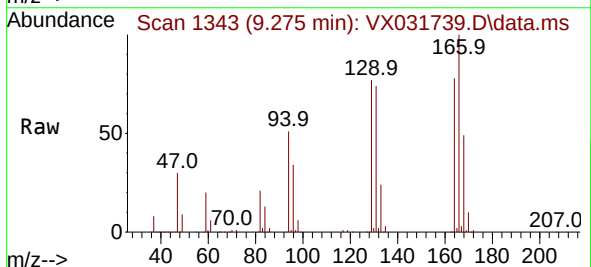
Tgt Ion:117 Resp: 121672
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 31.3 26.4 39.6

Manual Integrations
APPROVED

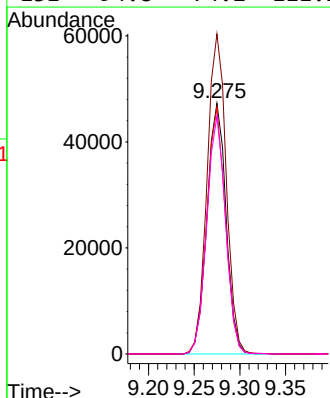
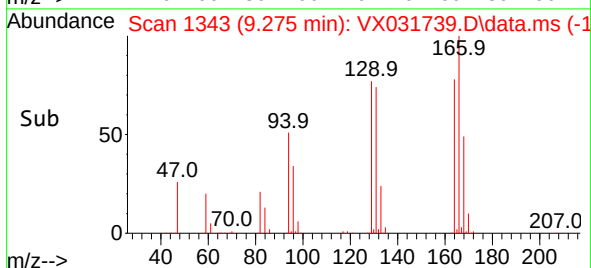
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

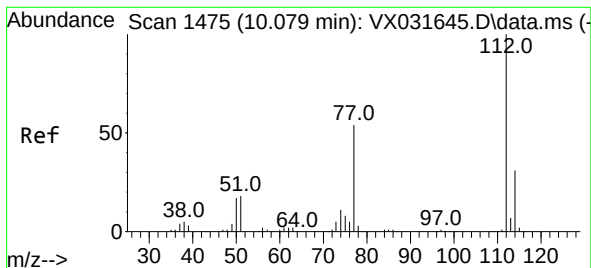


#64
Tetrachloroethene
Concen: 52.899 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



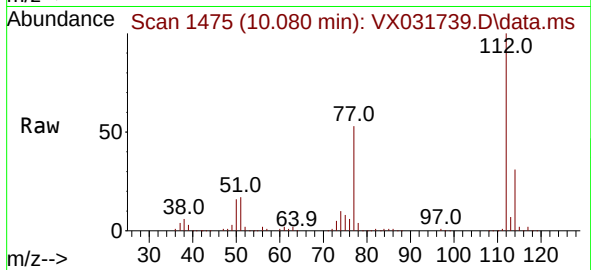
Tgt Ion:164 Resp: 68798
Ion Ratio Lower Upper
164 100
166 127.7 99.0 148.4
129 98.3 78.0 117.0
131 94.8 74.2 111.2





#65
Chlorobenzene
Concen: 52.313 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

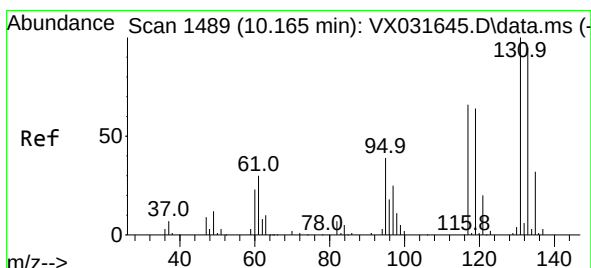
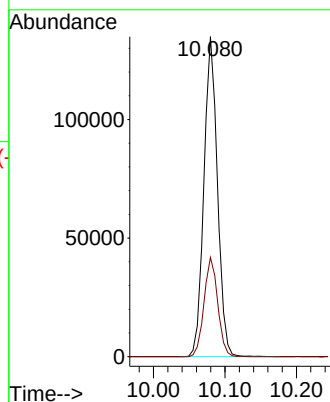
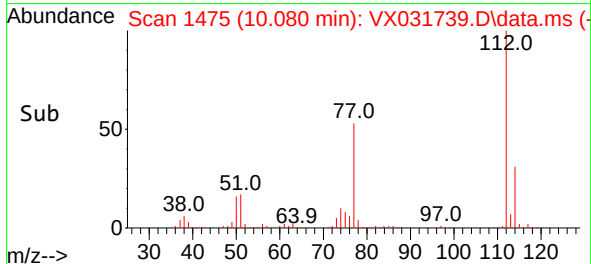
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



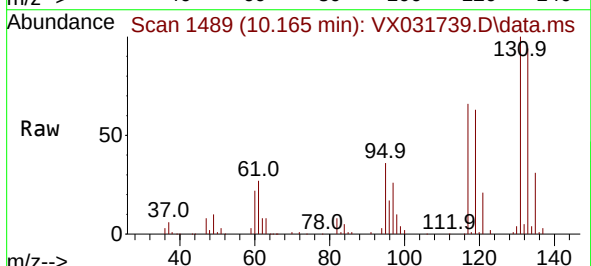
Tgt Ion:112 Resp: 177334
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

Manual Integrations
APPROVED

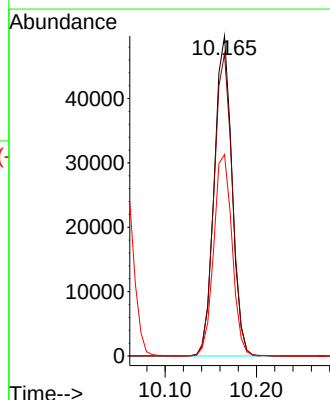
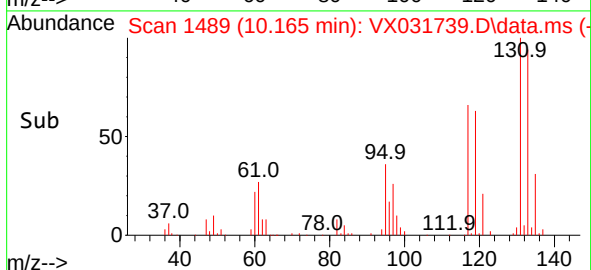
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

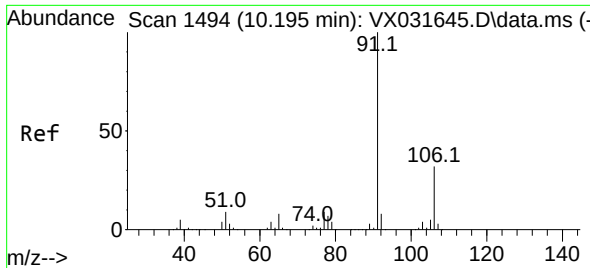


#66
1,1,1,2-Tetrachloroethane
Concen: 54.846 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



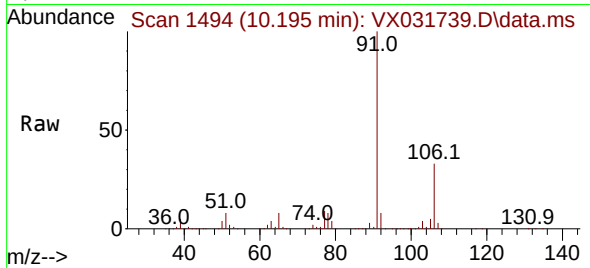
Tgt Ion:131 Resp: 66896
Ion Ratio Lower Upper
131 100
133 97.0 46.6 139.7
119 65.2 31.9 95.9





#67
Ethyl Benzene
Concen: 52.967 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

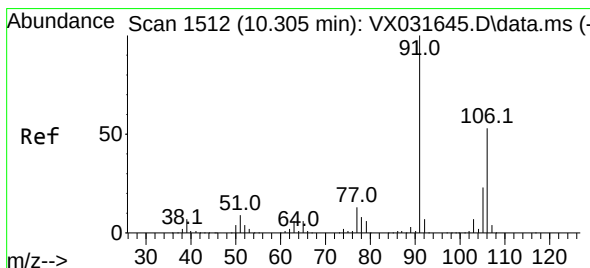
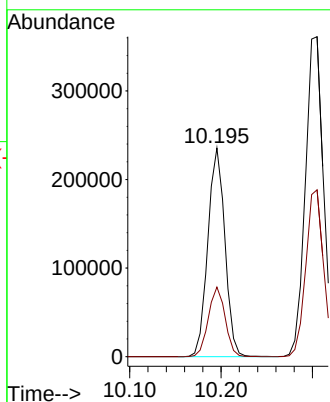
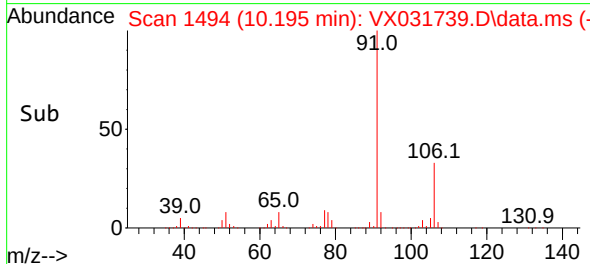
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



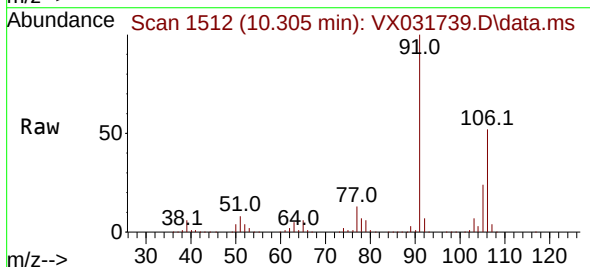
Tgt Ion: 91 Resp: 305434
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8

Manual Integrations
APPROVED

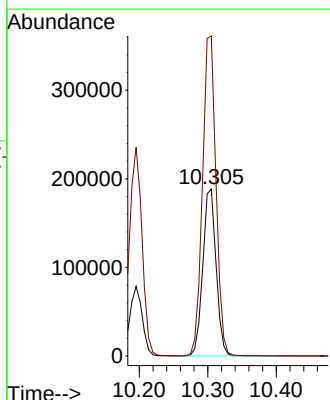
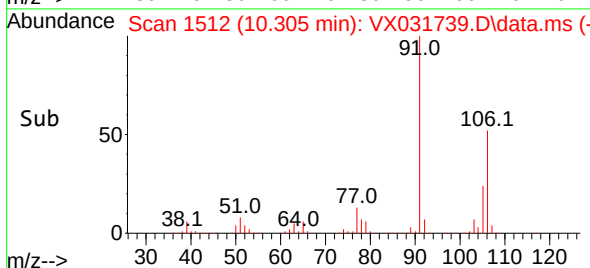
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

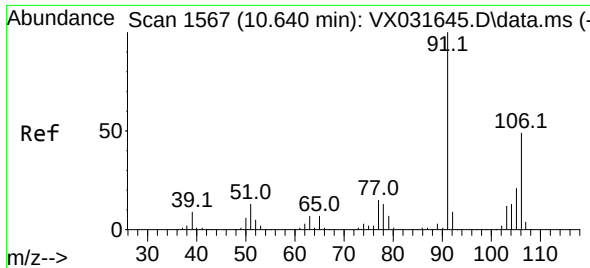


#68
m/p-Xylenes
Concen: 110.066 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



Tgt Ion:106 Resp: 255019
Ion Ratio Lower Upper
106 100
91 195.2 161.0 241.4





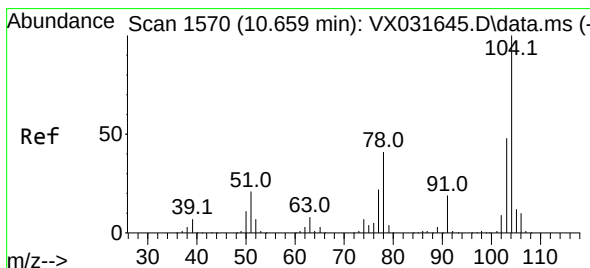
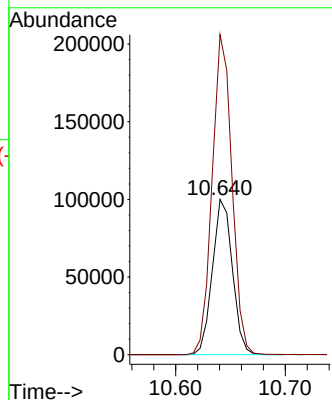
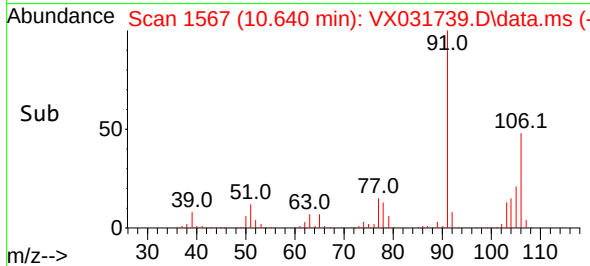
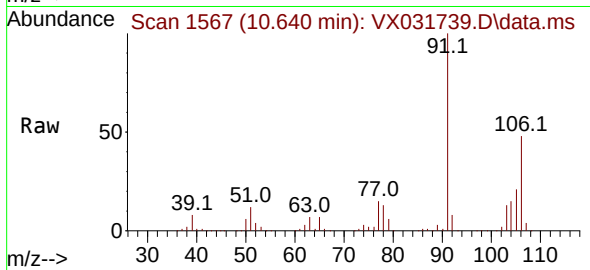
#69
o-Xylene
Concen: 56.008 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126840
Ion Ratio Lower Upper
106 100
91 203.9 107.2 321.6

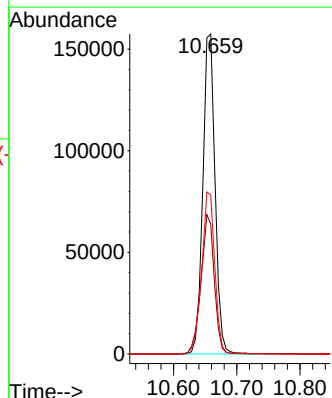
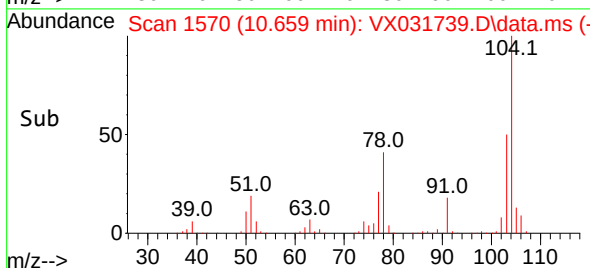
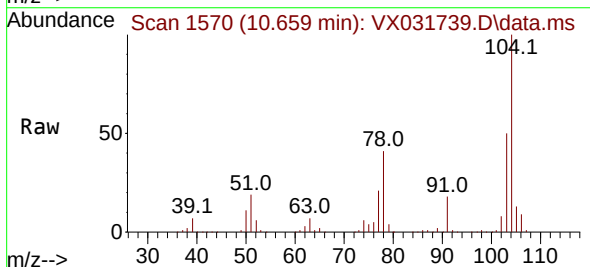
Manual Integrations
APPROVED

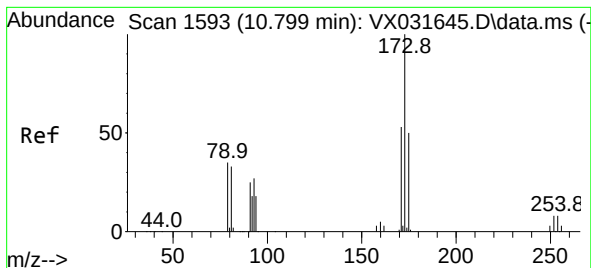
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#70
Styrene
Concen: 57.590 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion:104 Resp: 212299
Ion Ratio Lower Upper
104 100
78 47.0 41.4 62.2
103 54.4 43.8 65.8





#71

Bromoform

Concen: 48.452 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

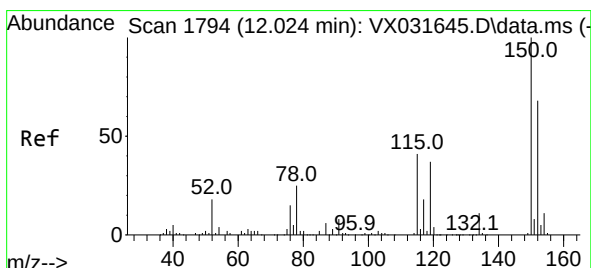
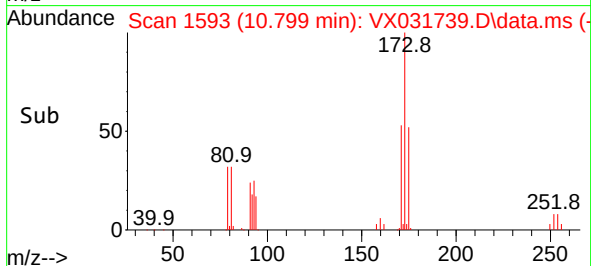
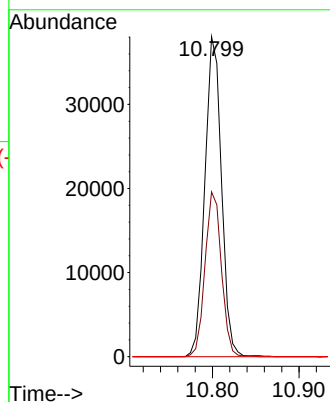
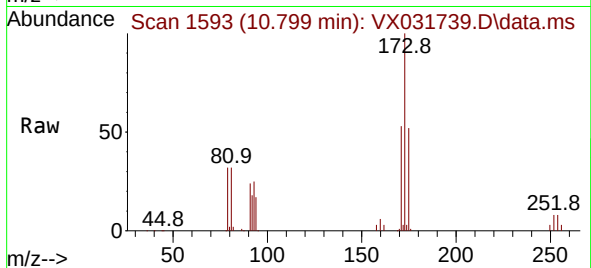
Tgt Ion:173	Resp:	50708
Ion Ratio	Lower	Upper
173	100	
175	50.8	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

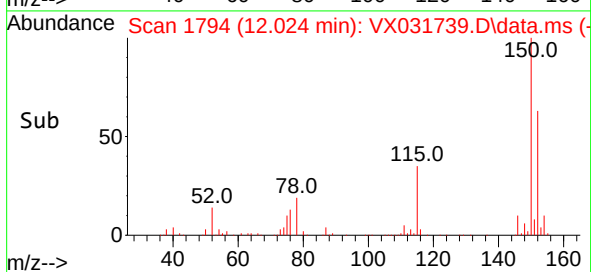
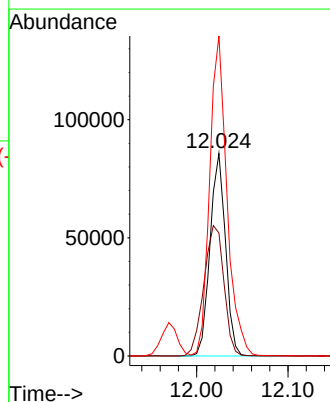
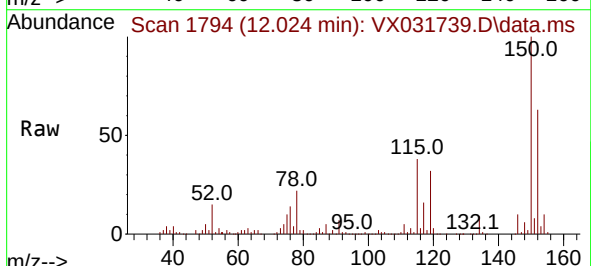
RT: 12.024 min Scan# 1794

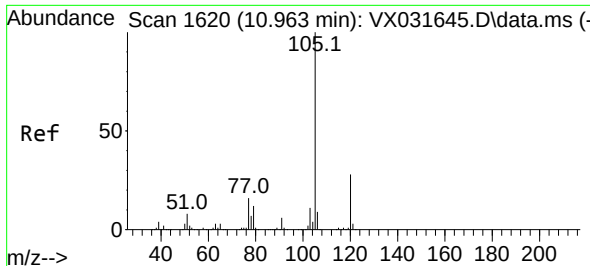
Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

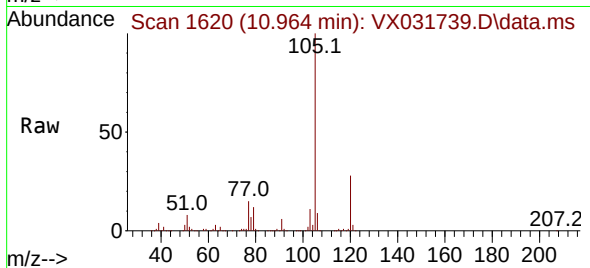
Tgt Ion:152	Resp:	100609
Ion Ratio	Lower	Upper
152	100	
115	83.4	43.4 130.1
150	176.6	0.0 346.8





#73
Isopropylbenzene
Concen: 50.899 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

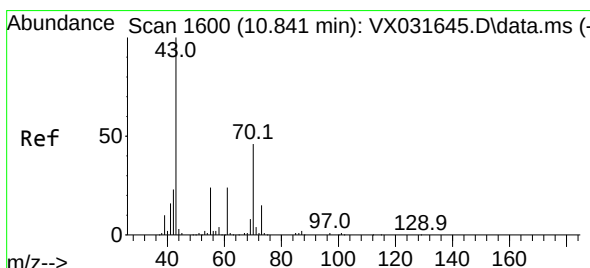
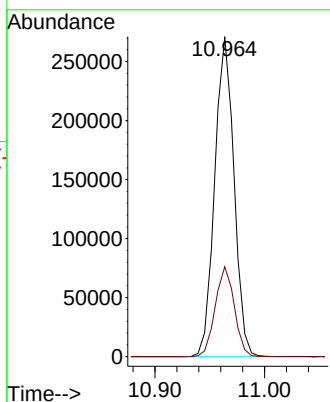
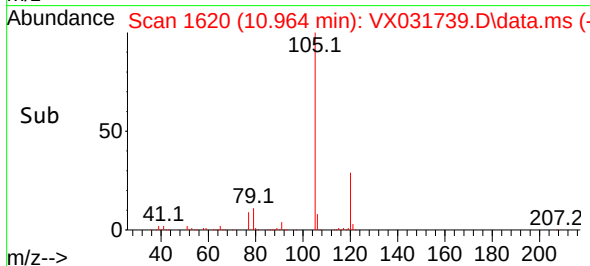
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 331170
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0

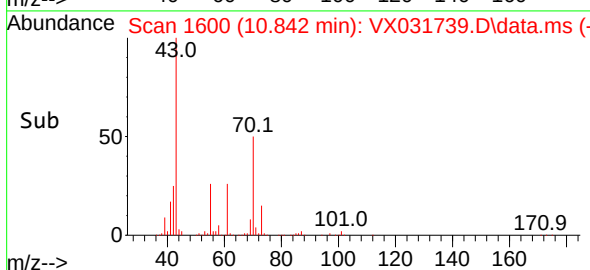
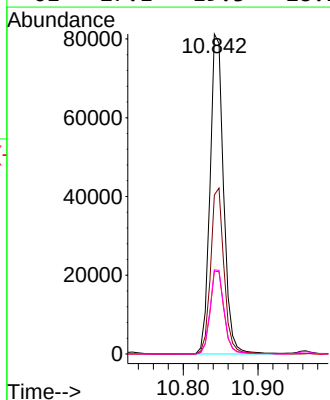
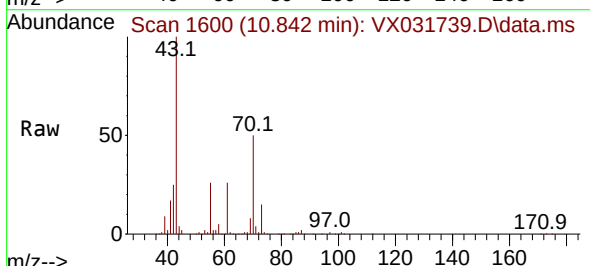
Manual Integrations
APPROVED

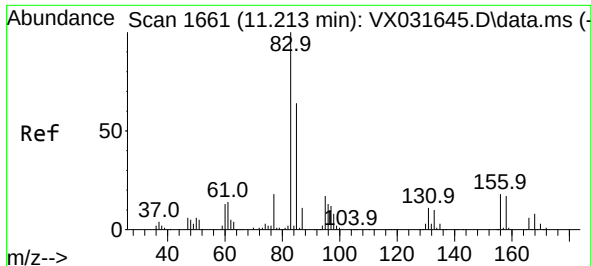
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#74
N-ethyl acetate
Concen: 48.640 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion: 43 Resp: 102657
Ion Ratio Lower Upper
43 100
70 51.2 33.4 50.2#
55 26.6 18.2 27.2
61 27.1 19.3 28.9





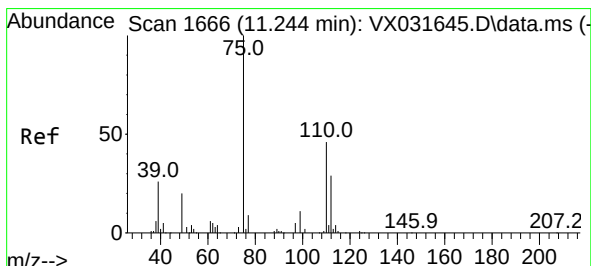
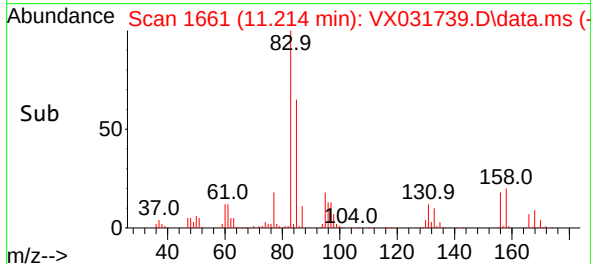
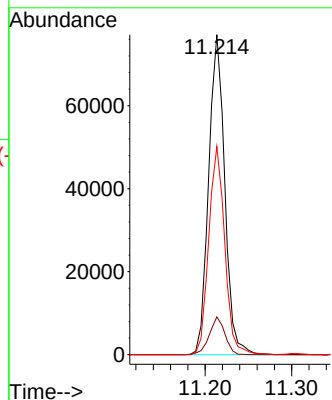
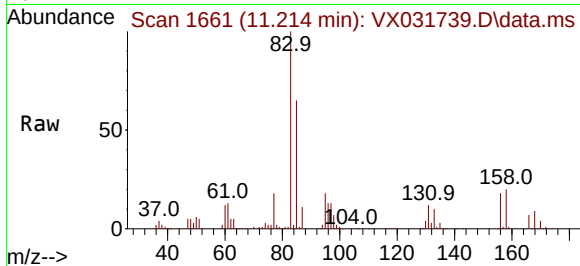
#75
1,1,2,2-Tetrachloroethane
Concen: 48.180 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 99600
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.4
85 64.8 32.6 97.8

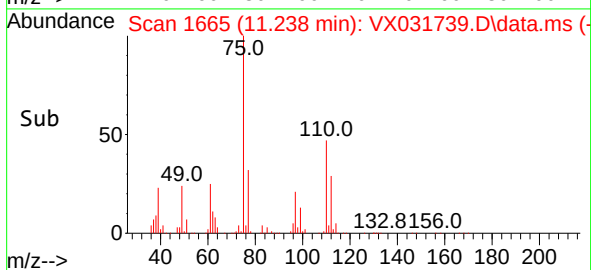
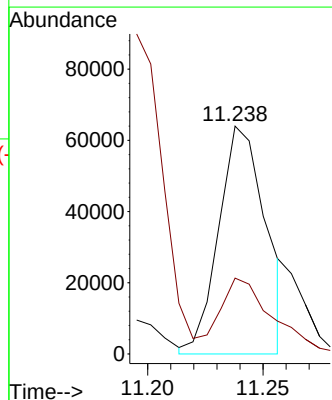
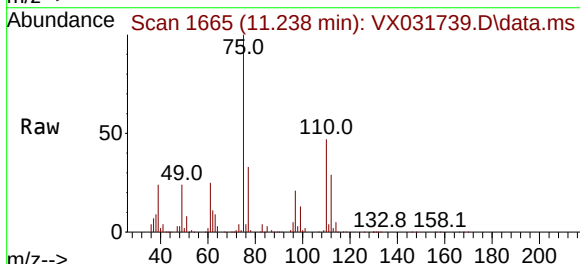
Manual Integrations
APPROVED

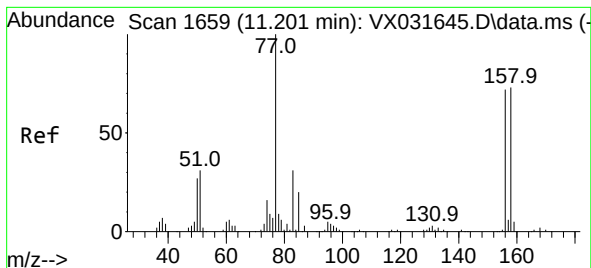
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#76
1,2,3-Trichloropropane
Concen: 49.596 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion: 75 Resp: 90459
Ion Ratio Lower Upper
75 100
77 38.1 20.3 60.9





#77

Bromobenzene

Concen: 49.969 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

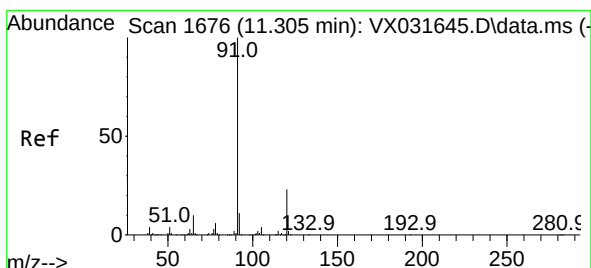
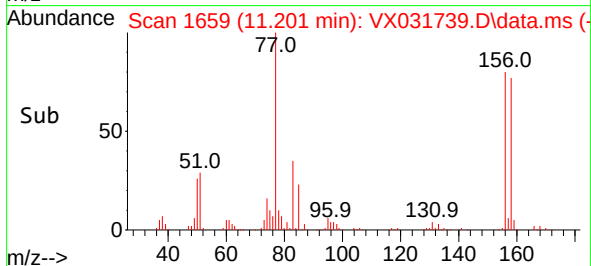
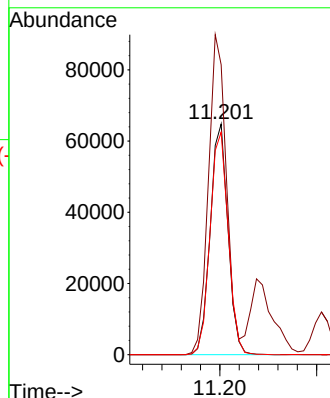
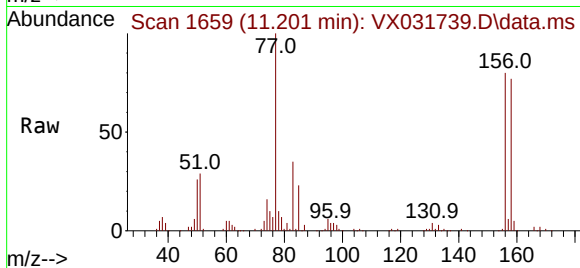
Tgt Ion:	156	Resp:	82650
Ion Ratio	Lower	Upper	
156	100		
77	140.1	79.5	238.6
158	98.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#78

n-propylbenzene

Concen: 51.912 ug/l

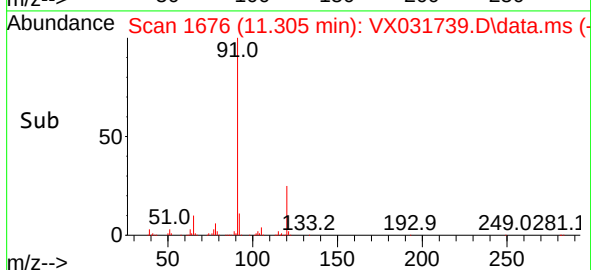
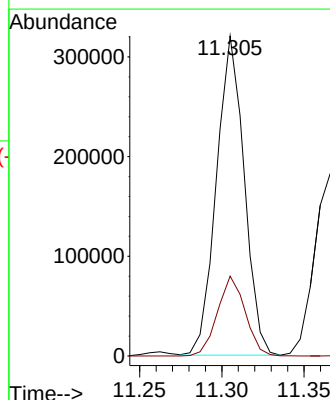
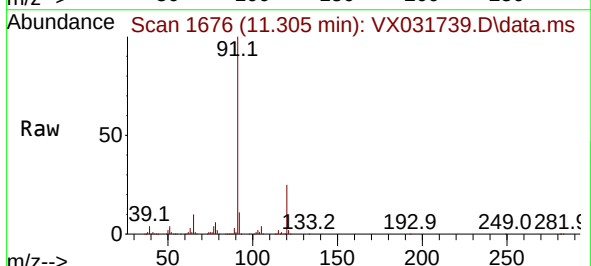
RT: 11.305 min Scan# 1676

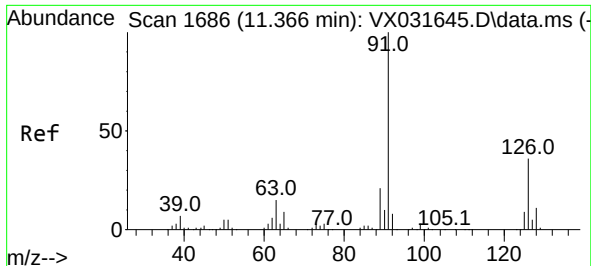
Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion:	91	Resp:	375855
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.265 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 22473

Ion Ratio Lower Upper

91 100

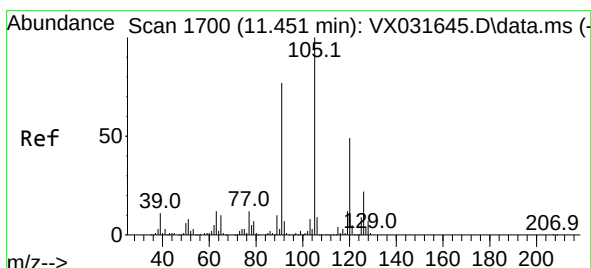
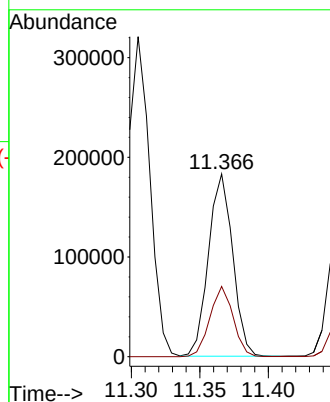
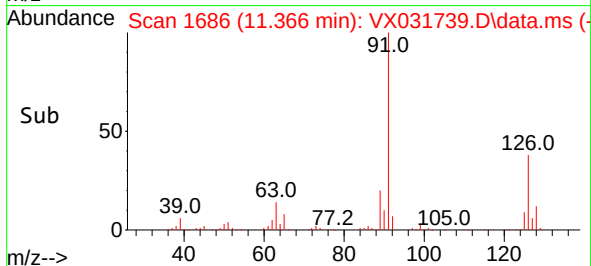
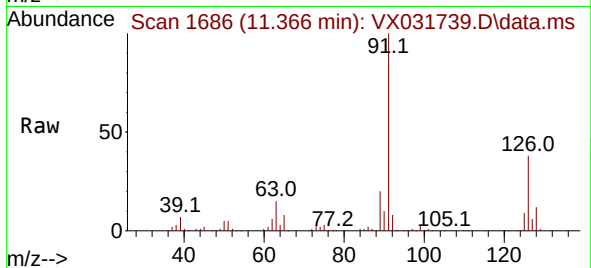
126 37.0 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#80

1,3,5-Trimethylbenzene

Concen: 53.135 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031739.D

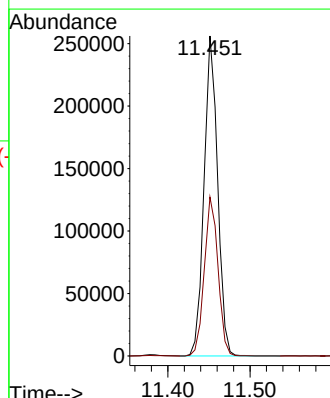
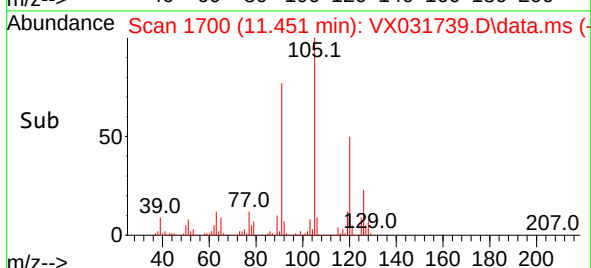
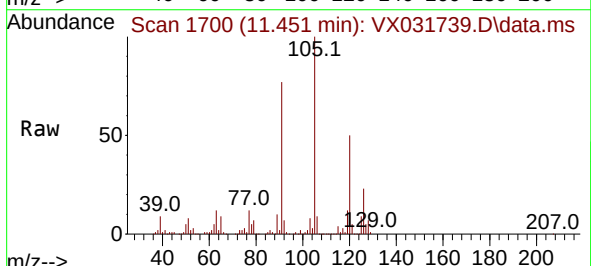
Acq: 28 Sep 2022 19:57

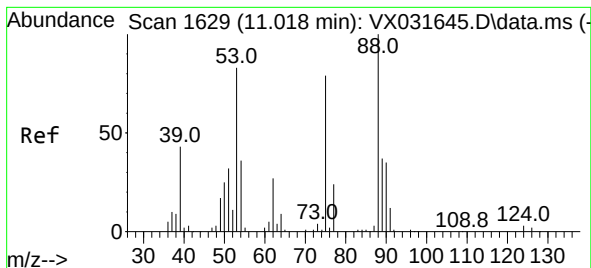
Tgt Ion:105 Resp: 293058

Ion Ratio Lower Upper

105 100

120 50.3 24.5 73.5





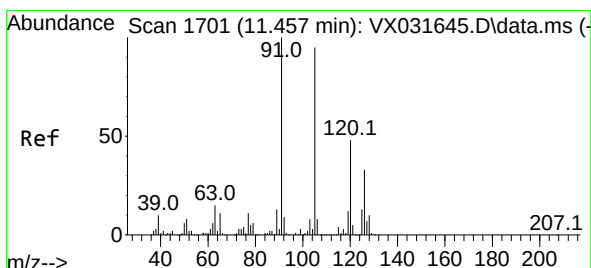
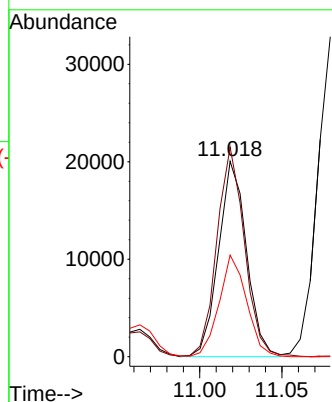
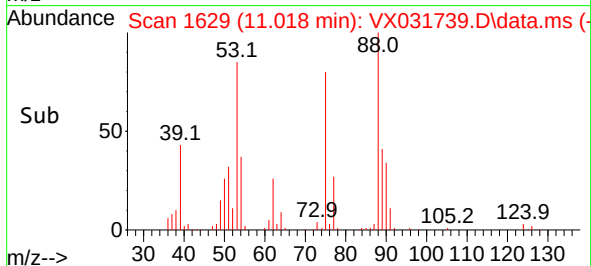
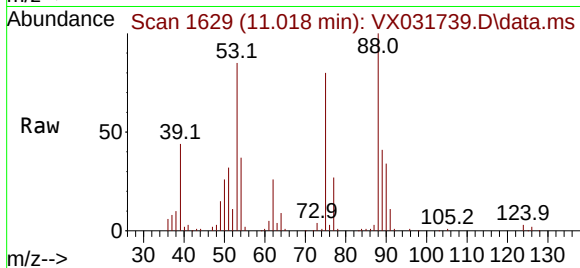
#81
trans-1,4-Dichloro-2-butene
Concen: 44.617 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2373
Ion Ratio Lower Upper
75 100
53 105.7 77.6 116.4
89 51.1 37.4 56.0

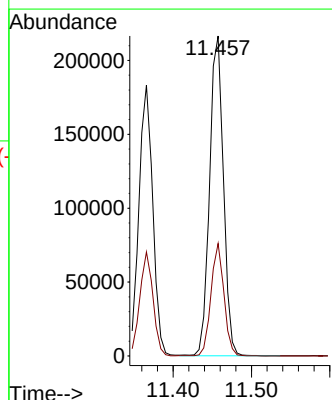
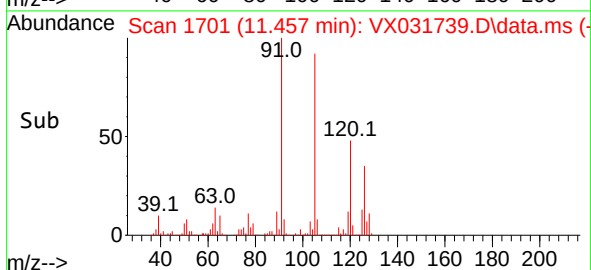
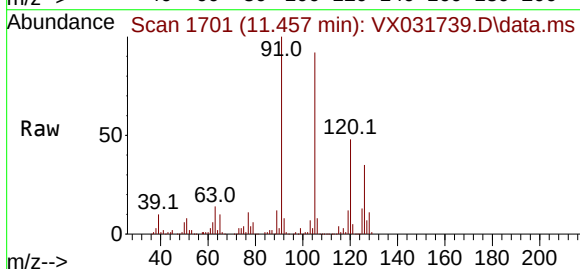
Manual Integrations
APPROVED

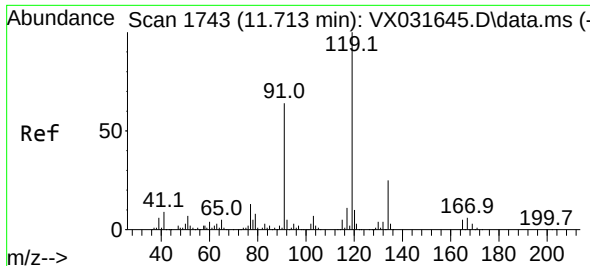
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#82
4-Chlorotoluene
Concen: 51.355 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

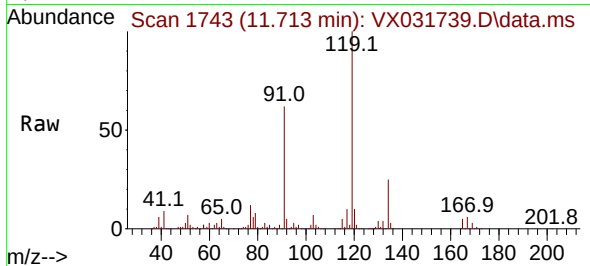
Tgt Ion: 91 Resp: 265260
Ion Ratio Lower Upper
91 100
126 33.0 15.1 45.3





#83
tert-Butylbenzene
Concen: 53.020 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

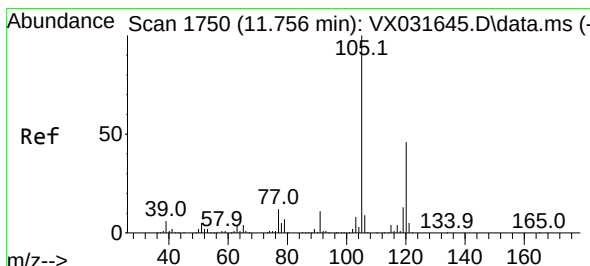
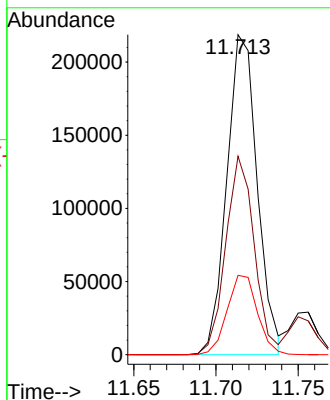
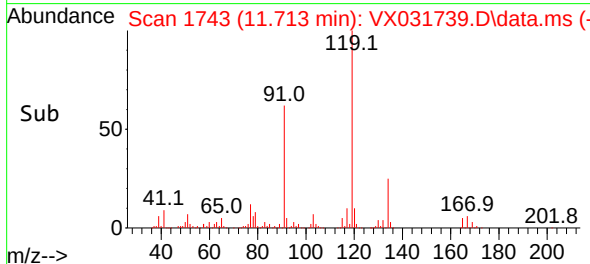
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



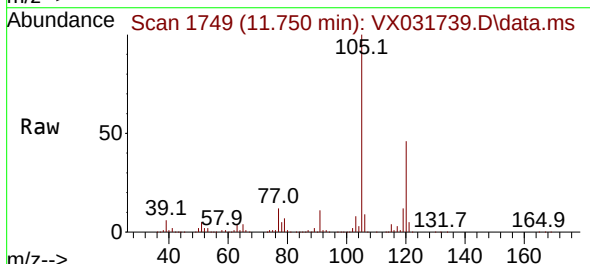
Tgt Ion:119 Resp: 282000
Ion Ratio Lower Upper
119 100
91 58.3 29.2 87.6
134 24.7 11.6 34.8

Manual Integrations
APPROVED

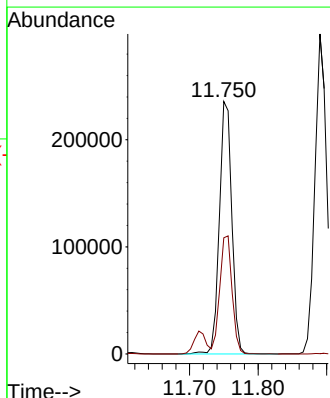
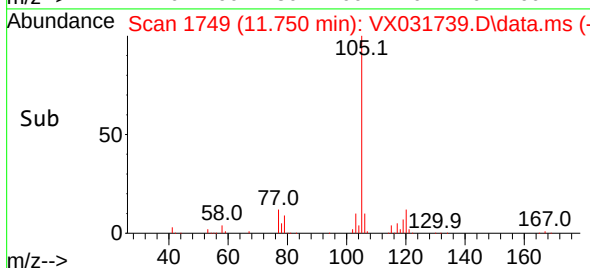
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

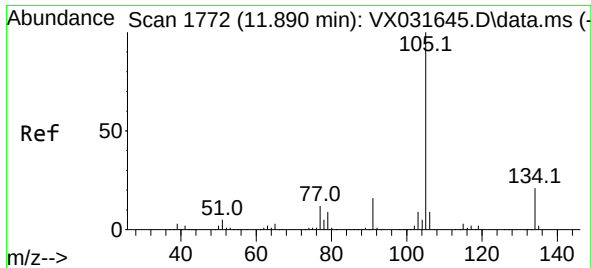


#84
1,2,4-Trimethylbenzene
Concen: 54.066 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



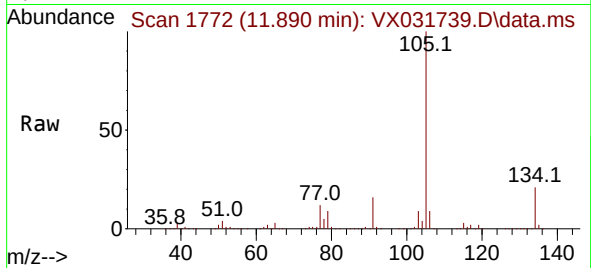
Tgt Ion:105 Resp: 295165
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 52.869 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031739.D
 Acq: 28 Sep 2022 19:57

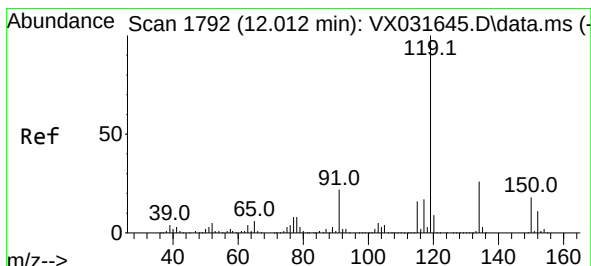
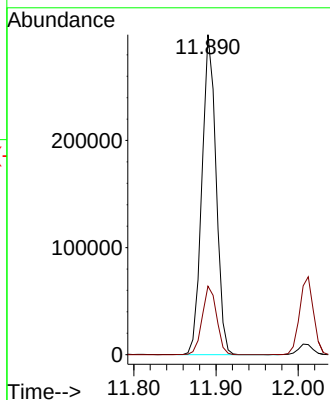
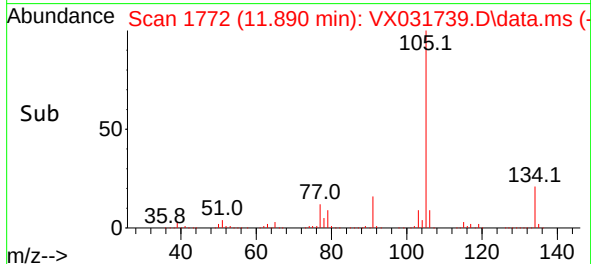
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



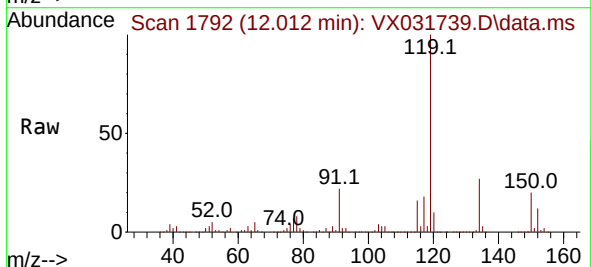
Tgt Ion:105 Resp: 35736
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.1

Manual Integrations
 APPROVED

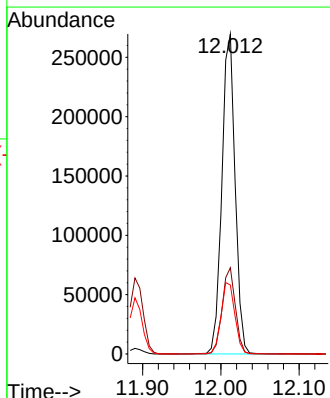
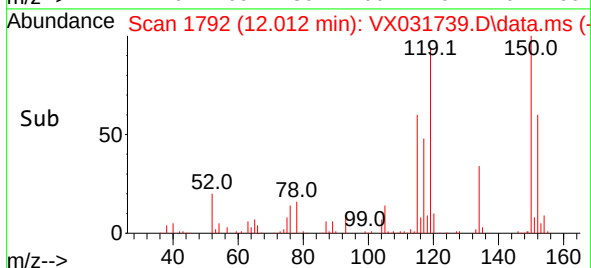
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022

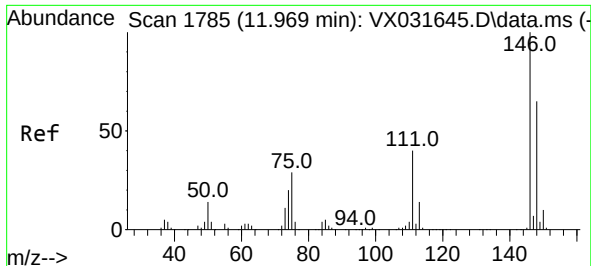


#86
 p-Isopropyltoluene
 Concen: 54.590 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031739.D
 Acq: 28 Sep 2022 19:57



Tgt Ion:119 Resp: 318201
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.074 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031739.D

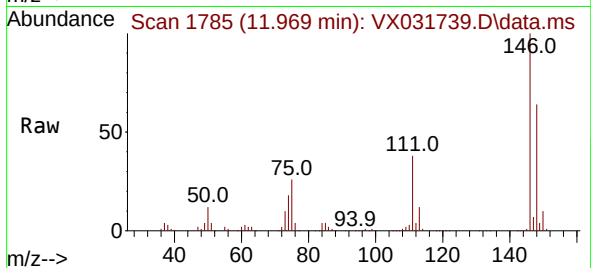
Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 166978

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.4

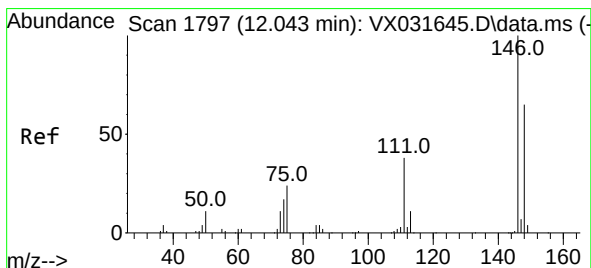
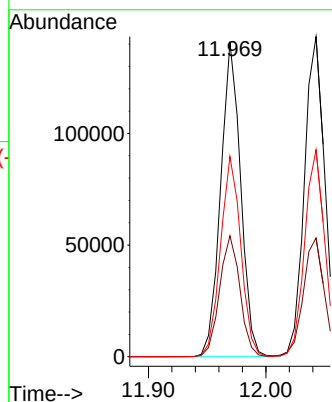
148 64.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#88

1,4-Dichlorobenzene

Concen: 51.651 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

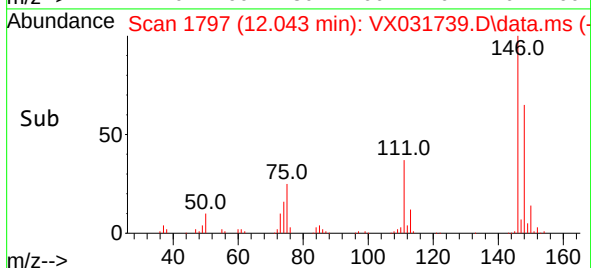
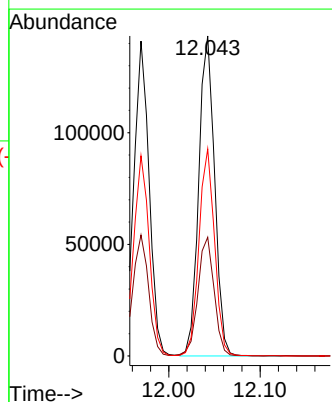
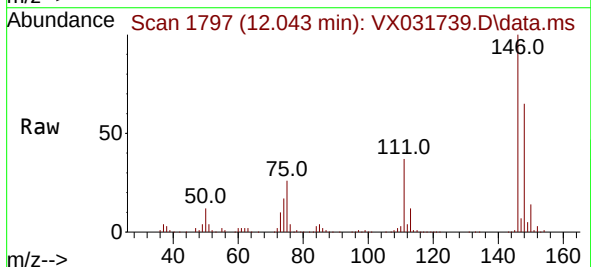
Tgt Ion:146 Resp: 173364

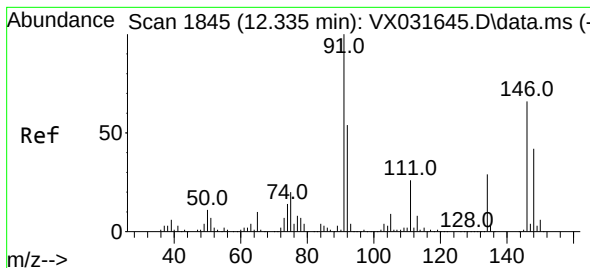
Ion Ratio Lower Upper

146 100

111 38.1 20.5 61.5

148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 52.535 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 250150

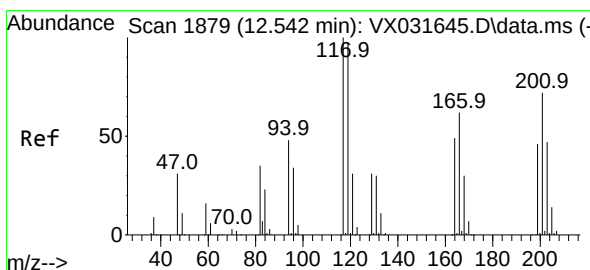
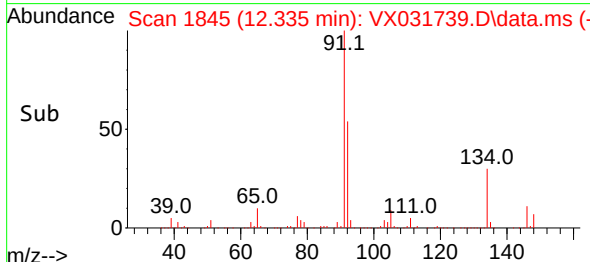
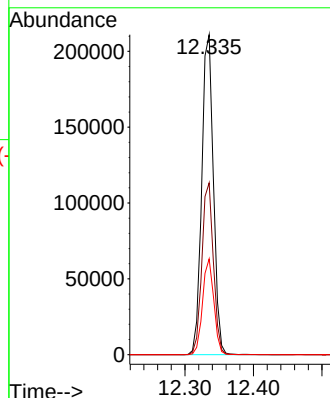
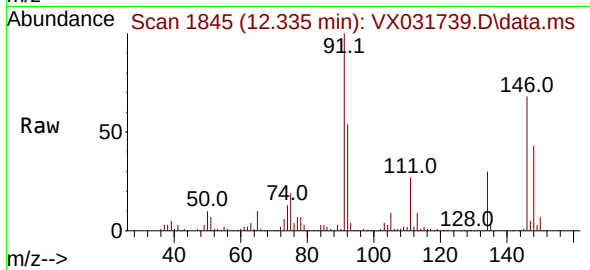
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	81.0
134	29.0	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#90

Hexachloroethane

Concen: 53.576 ug/l

RT: 12.543 min Scan# 1879

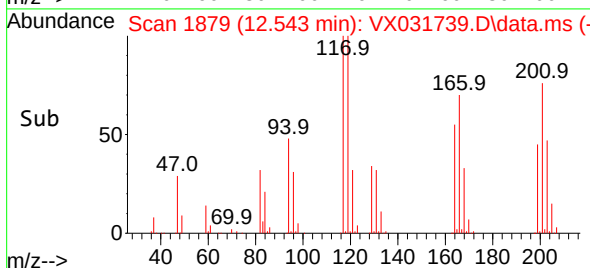
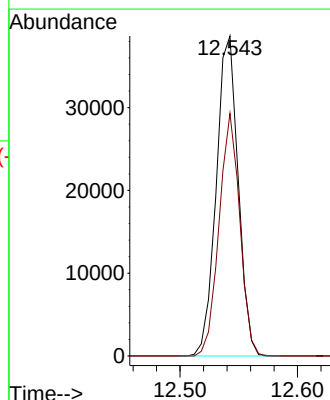
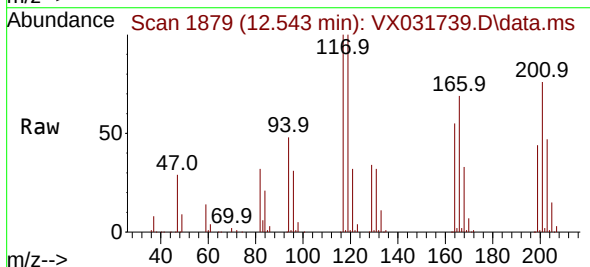
Delta R.T. 0.001 min

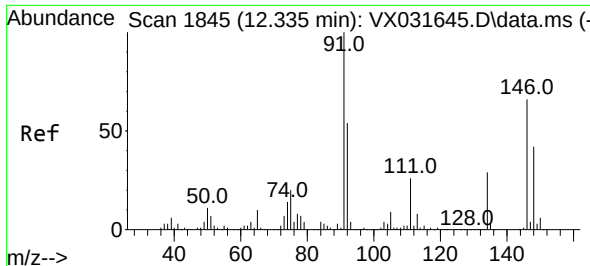
Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Tgt Ion:117 Resp: 50077

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.8	104.4





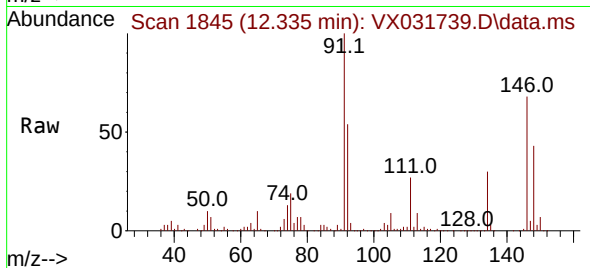
#91
1,2-Dichlorobenzene
Concen: 53.183 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



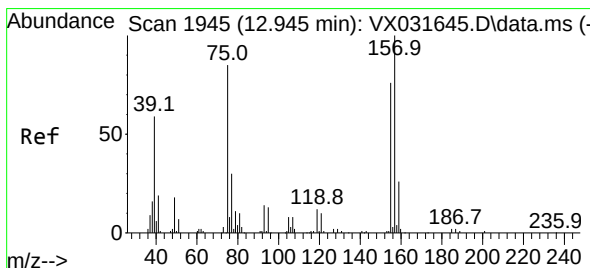
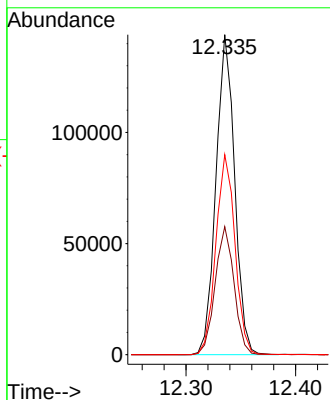
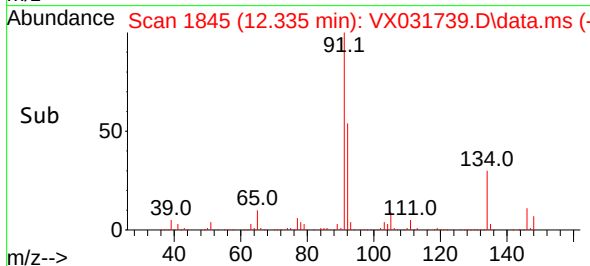
Tgt Ion:146 Resp: 170778
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 64.2 31.6 95.0

Manual Integrations

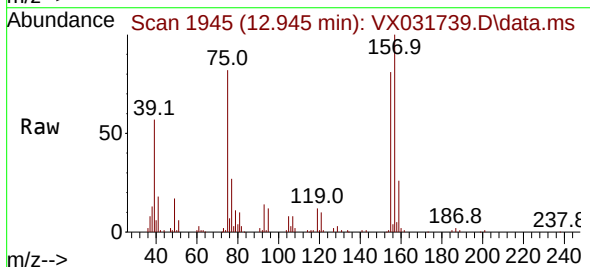
APPROVED

Reviewed By :John Carlone 09/29/2022

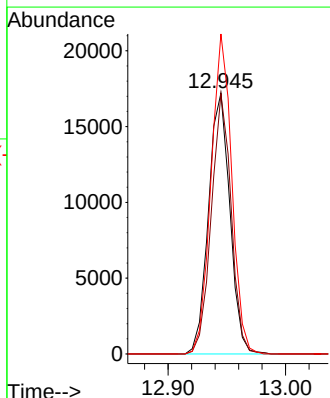
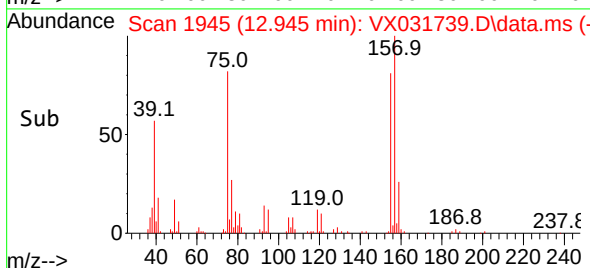
Supervised By :Mahesh Dadoda 09/30/2022

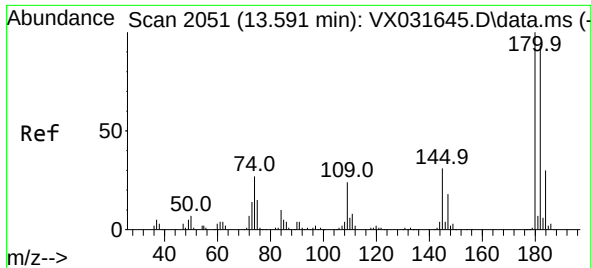


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.517 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57



Tgt Ion: 75 Resp: 21756
Ion Ratio Lower Upper
75 100
155 92.6 40.3 120.8
157 118.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 51.846 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

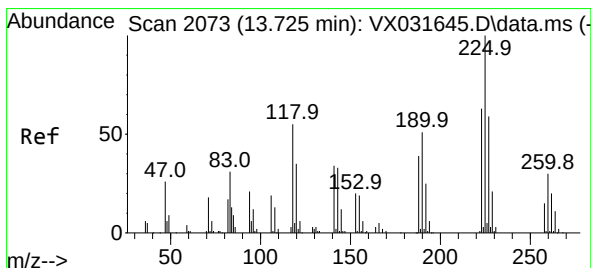
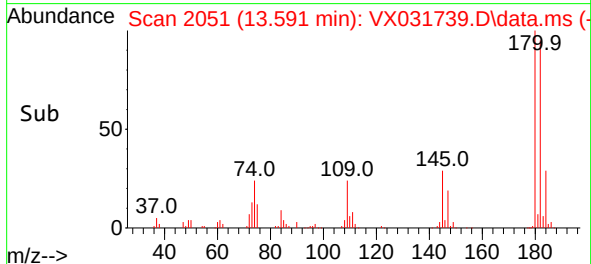
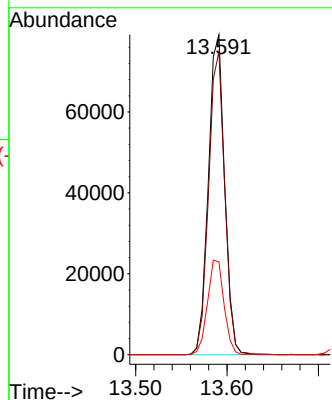
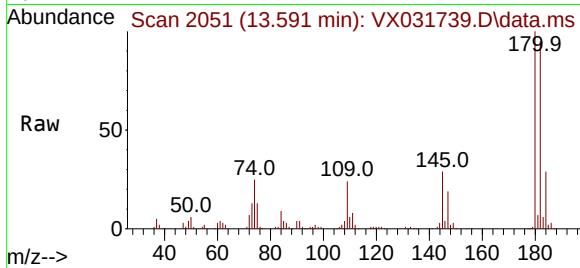
Tgt Ion:	180	Resp:	9735
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.9	140.6
145	30.2	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#94

Hexachlorobutadiene

Concen: 49.663 ug/l

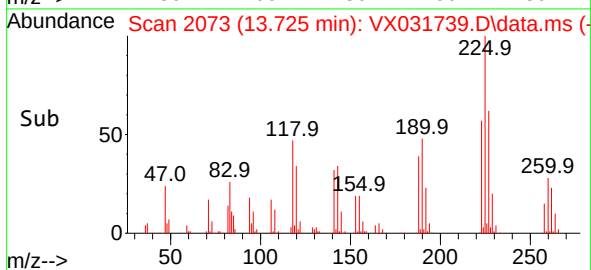
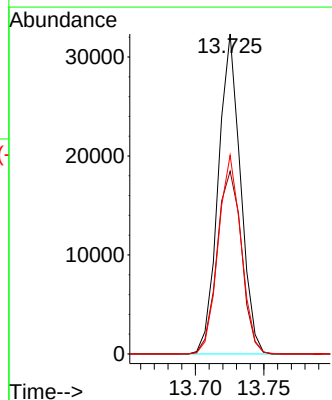
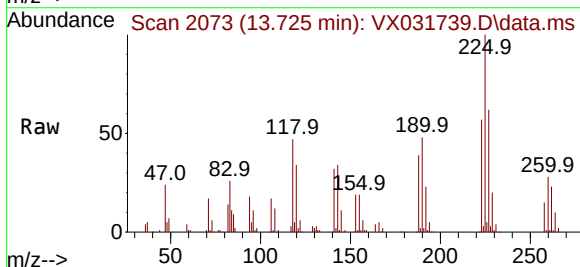
RT: 13.725 min Scan# 2073

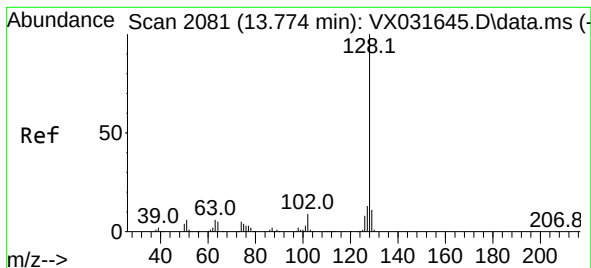
Delta R.T. 0.000 min

Lab File: VX031739.D

Acq: 28 Sep 2022 19:57

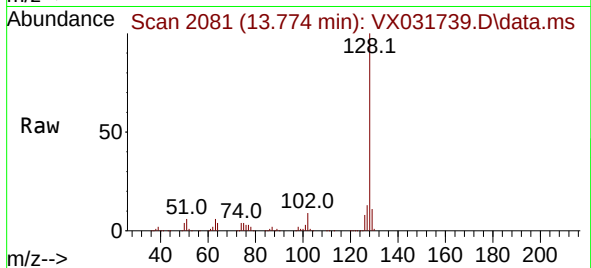
Tgt Ion:	225	Resp:	36366
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.8	92.4
227	63.9	32.3	96.9





#95
Naphthalene
Concen: 54.820 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

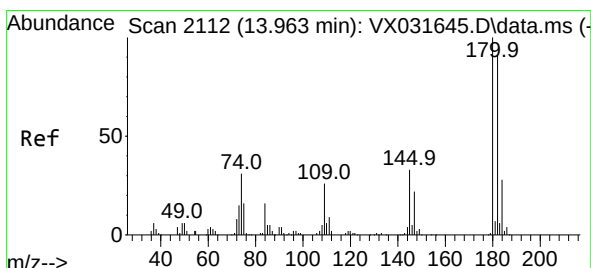
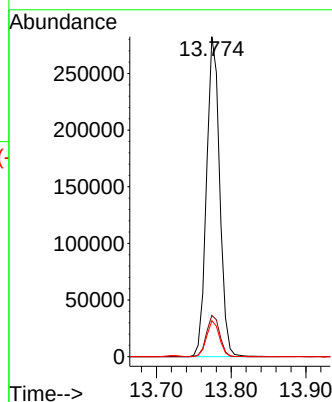
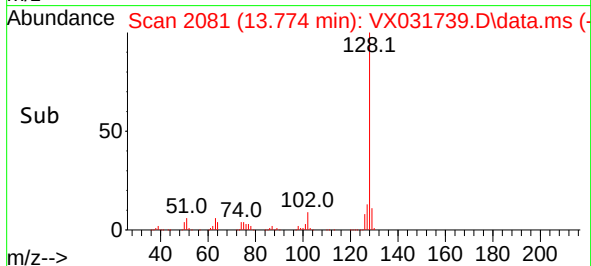
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 343864
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.522 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031739.D
Acq: 28 Sep 2022 19:57

Tgt Ion:180 Resp: 99295
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 33.5 17.6 52.8

