

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038866.D
 Acq On : 17 Nov 2023 02:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 03:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115022	50.397	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.800%			
35) Dibromofluoromethane	5.385	113	94024	47.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.220%			
50) Toluene-d8	8.647	98	358199	47.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.800%			
62) 4-Bromofluorobenzene	11.079	95	140525	46.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	90380	54.687	ug/l	99
3) Chloromethane	1.294	50	106084	49.179	ug/l	97
4) Vinyl Chloride	1.373	62	106430	51.221	ug/l	99
5) Bromomethane	1.599	94	51111	59.493	ug/l	98
6) Chloroethane	1.678	64	63741	53.754	ug/l	99
7) Trichlorofluoromethane	1.886	101	138681	52.596	ug/l	100
8) Diethyl Ether	2.136	74	59059	51.426	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	84689	48.432	ug/l	97
10) Methyl Iodide	2.453	142	106758	50.162	ug/l	91
11) Tert butyl alcohol	2.959	59	181823	286.432	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	87631	49.639	ug/l	90
13) Acrolein	2.233	56	92369	275.037	ug/l	100
14) Allyl chloride	2.666	41	173822	49.178	ug/l	91
15) Acrylonitrile	3.062	53	351698	262.207	ug/l	98
16) Acetone	2.379	43	281582	231.760	ug/l #	88
17) Carbon Disulfide	2.507	76	252835	46.235	ug/l	100
18) Methyl Acetate	2.702	43	309603	53.648	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	322691	51.969	ug/l	98
20) Methylene Chloride	2.788	84	104364	47.651	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	95339	48.944	ug/l	97
22) Diisopropyl ether	3.757	45	340325	52.486	ug/l	94
23) Vinyl Acetate	3.721	43	1195371	255.971	ug/l	98
24) 1,1-Dichloroethane	3.611	63	183977	50.738	ug/l	99
25) 2-Butanone	4.556	43	496842	252.173	ug/l	97
26) 2,2-Dichloropropane	4.477	77	126896	40.345	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	112913	49.729	ug/l	94
28) Bromochloromethane	4.897	49	90657	52.074	ug/l	97
29) Tetrahydrofuran	5.001	42	331988	265.380	ug/l	98
30) Chloroform	5.092	83	183086	51.709	ug/l	99
31) Cyclohexane	5.470	56	161594	49.590	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	156809	51.131	ug/l	98
36) 1,1-Dichloropropene	5.696	75	133996	47.339	ug/l	98
37) Ethyl Acetate	4.714	43	182443	49.472	ug/l	97
38) Carbon Tetrachloride	5.678	117	130753	49.980	ug/l	99
39) Methylcyclohexane	7.378	83	167069	45.249	ug/l	98
40) Benzene	6.037	78	407125	48.630	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	96683	50.549	ug/l	93
42) 1,2-Dichloroethane	6.086	62	140300	50.581	ug/l	98
43) Isopropyl Acetate	6.336	43	295948	50.215	ug/l	97
44) Trichloroethene	7.122	130	99600	48.876	ug/l	95
45) 1,2-Dichloropropane	7.427	63	111591	49.531	ug/l	97
46) Dibromomethane	7.580	93	76112	50.659	ug/l	96
47) Bromodichloromethane	7.824	83	145669	48.849	ug/l	99
48) Methyl methacrylate	7.689	41	139226	48.688	ug/l	93
49) 1,4-Dioxane	7.659	88	64443	1164.883	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	961598	255.312	ug/l	98
52) Toluene	8.720	92	251959	48.498	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	167923	47.386	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	175211	47.866	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	106376	49.072	ug/l	94
56) Ethyl methacrylate	9.116	69	183487	50.027	ug/l	95
57) 1,3-Dichloropropane	9.305	76	177436	49.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	447119	261.689	ug/l	95
59) 2-Hexanone	9.427	43	774776	256.646	ug/l	97
60) Dibromochloromethane	9.518	129	108606	49.273	ug/l	100
61) 1,2-Dibromoethane	9.610	107	112882	49.625	ug/l	100
64) Tetrachloroethene	9.274	164	79518	50.213	ug/l	96
65) Chlorobenzene	10.079	112	264020	48.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	97214	49.243	ug/l	97
67) Ethyl Benzene	10.195	91	494658	49.058	ug/l	99
68) m/p-Xylenes	10.299	106	374244	98.120	ug/l	100
69) o-Xylene	10.640	106	184209	48.809	ug/l	100
70) Styrene	10.652	104	312896	49.091	ug/l	99
71) Bromoform	10.799	173	82338	50.031	ug/l #	99
73) Isopropylbenzene	10.963	105	479510	47.968	ug/l	100
74) N-amyl acetate	10.841	43	261954	49.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	186832	47.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156279m	48.821	ug/l	
77) Bromobenzene	11.195	156	106774	47.536	ug/l	96
78) n-propylbenzene	11.305	91	589288	47.892	ug/l	98
79) 2-Chlorotoluene	11.366	91	343294	47.012	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	406848	48.404	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	63864	44.253	ug/l #	81
82) 4-Chlorotoluene	11.451	91	401789	47.719	ug/l	99
83) tert-Butylbenzene	11.713	119	388271	46.904	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	410257	48.223	ug/l	100
85) sec-Butylbenzene	11.890	105	518340	47.871	ug/l	99
86) p-Isopropyltoluene	12.006	119	414971	47.741	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	210416	47.838	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	213148	47.347	ug/l	99
89) n-Butylbenzene	12.329	91	411443	46.916	ug/l	97
90) Hexachloroethane	12.536	117	83390	48.041	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	205953	49.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	48983	51.234	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	134308	48.042	ug/l	98
94) Hexachlorobutadiene	13.725	225	45369	45.826	ug/l	99
95) Naphthalene	13.774	128	508907	48.877	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	130953	49.413	ug/l	99

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

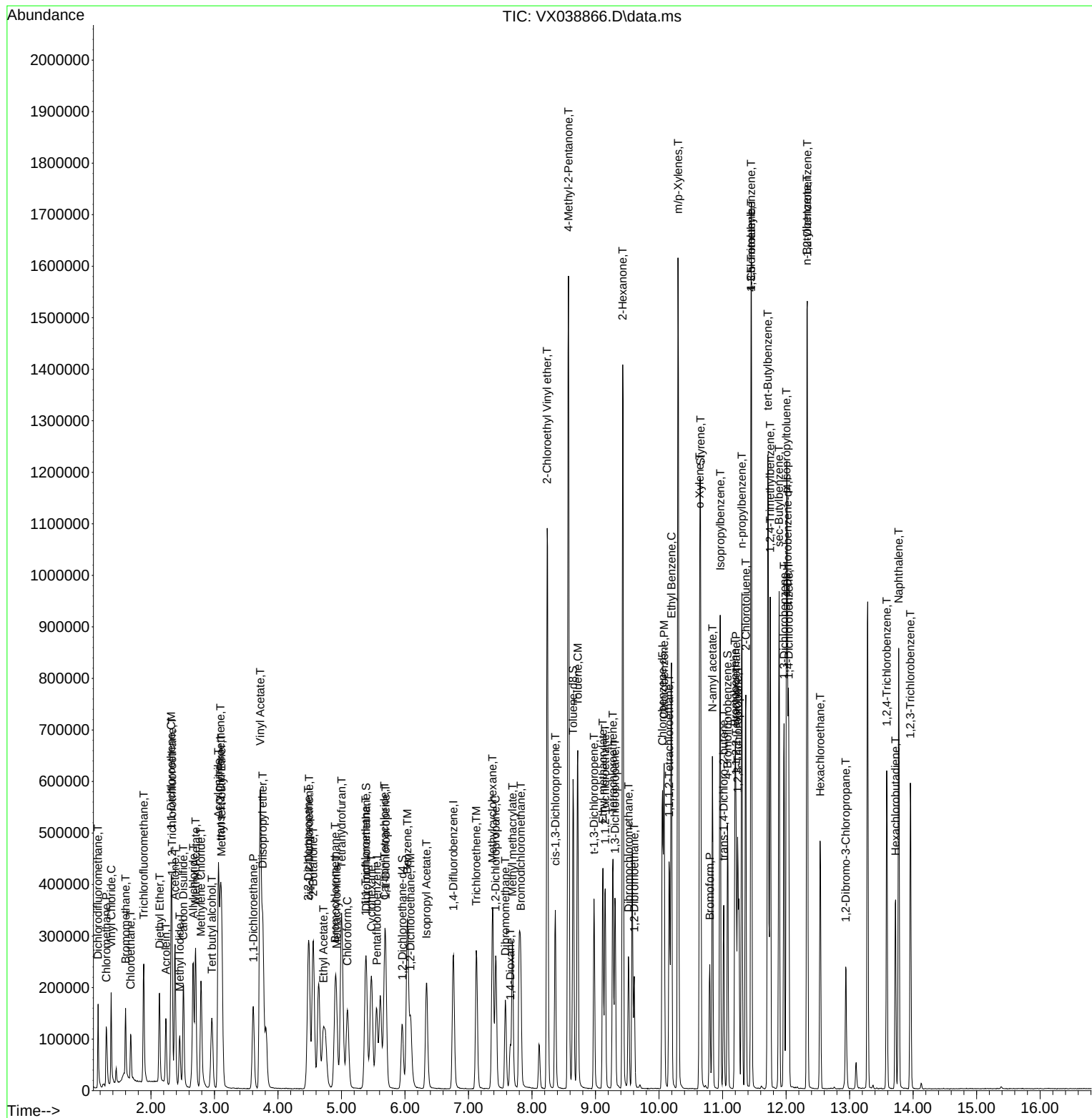
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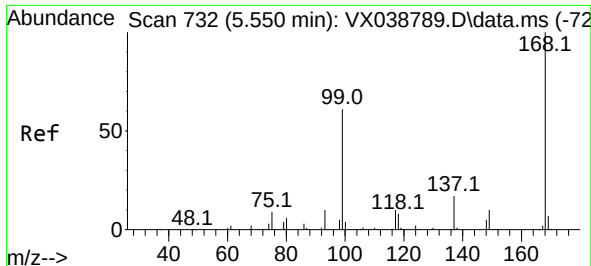
Instrument :
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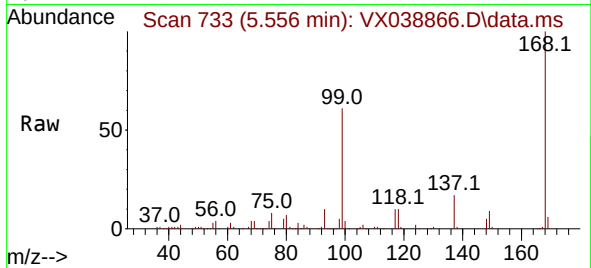
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038866.D
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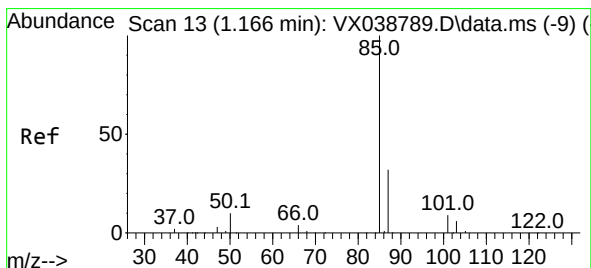
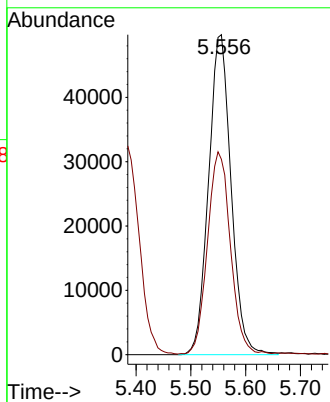
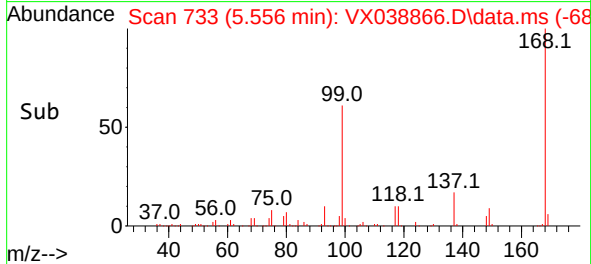
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 14164
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0

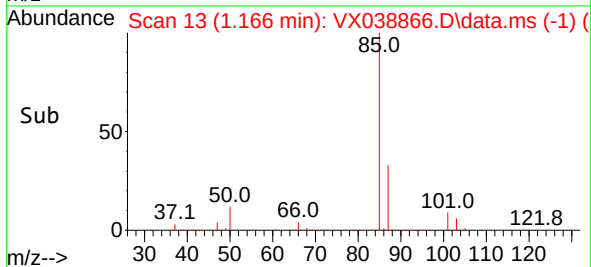
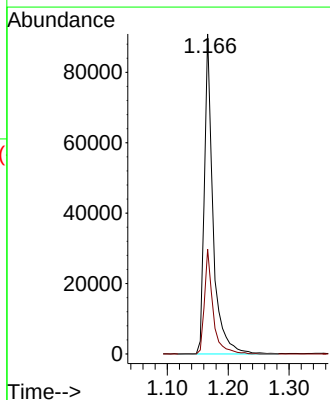
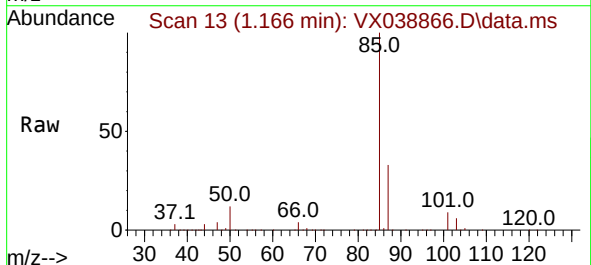
Manual Integrations
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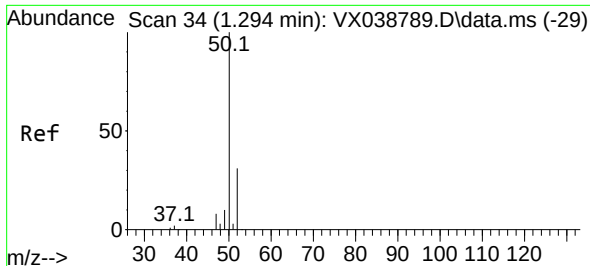
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 54.687 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

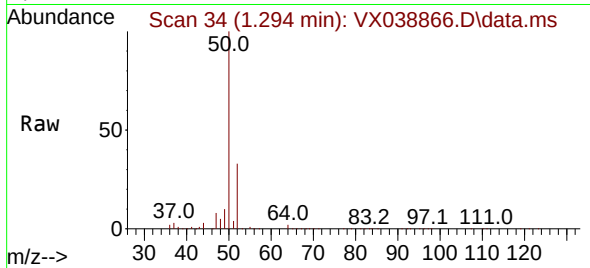
Tgt Ion: 85 Resp: 90380
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 49.179 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

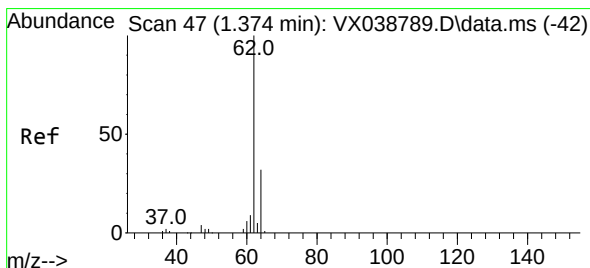
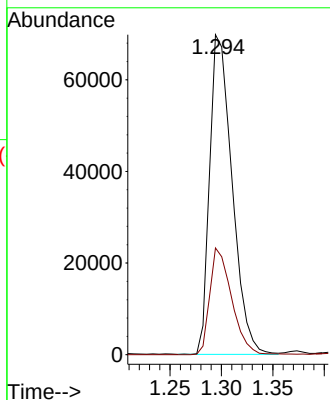
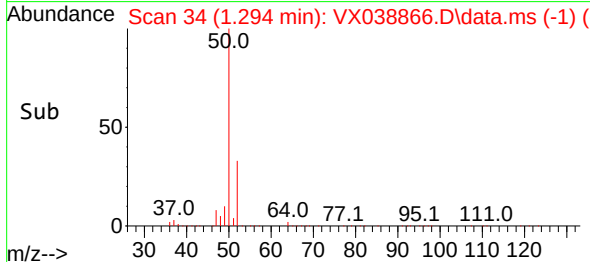
Instrument :
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Tgt Ion: 50 Resp: 106084
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

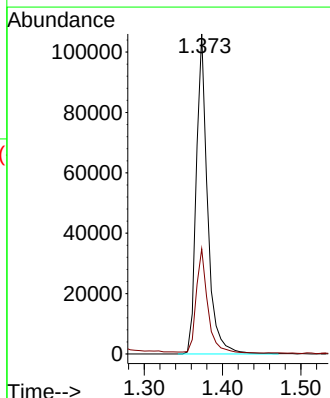
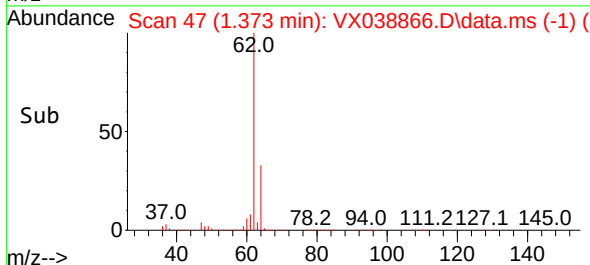
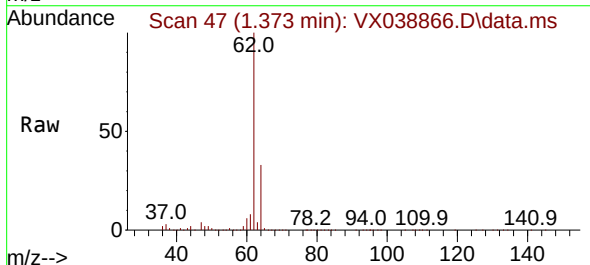
Manual Integrations
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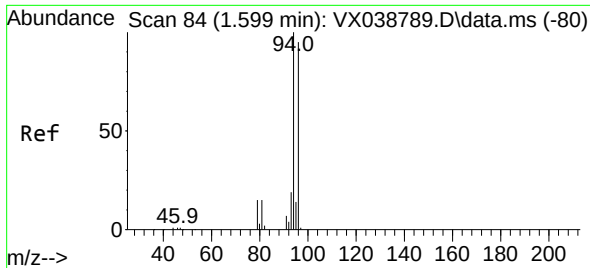
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 51.221 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

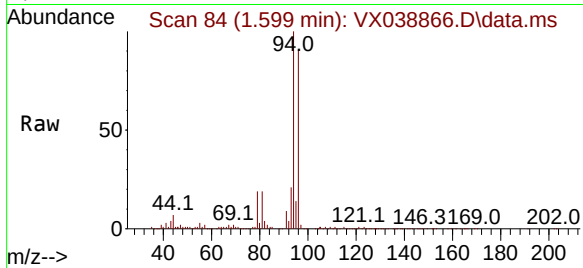
Tgt Ion: 62 Resp: 106430
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 59.493 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

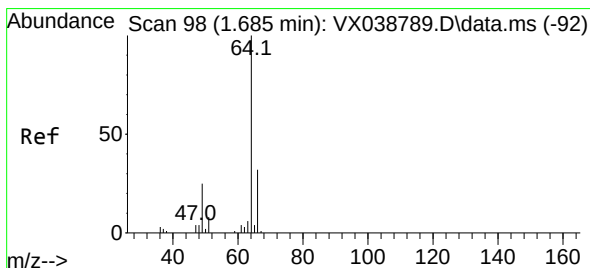
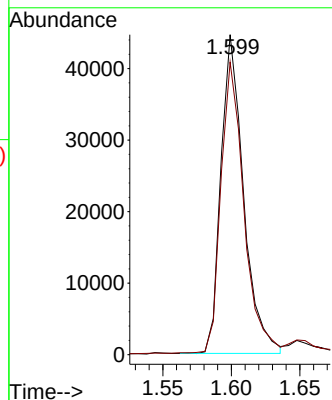
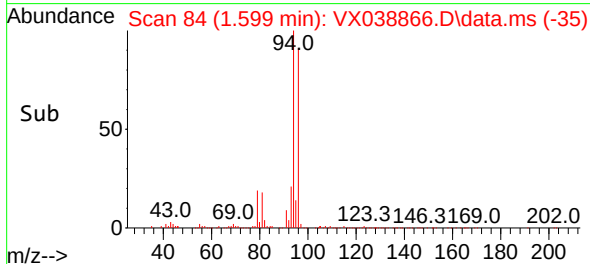
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Tgt Ion: 94 Resp: 5111
Ion Ratio Lower Upper
94 100
96 91.2 74.6 111.8

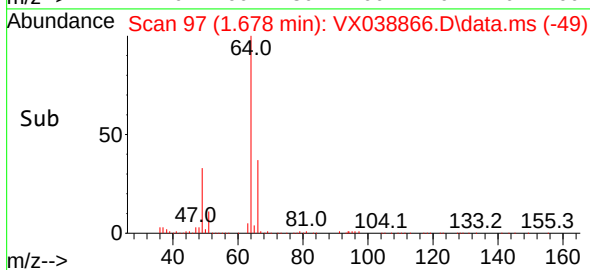
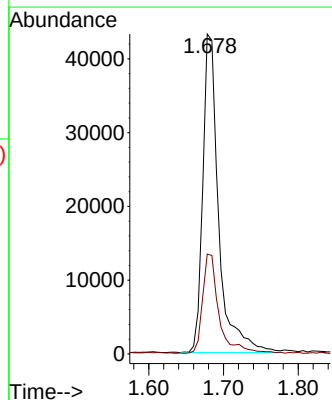
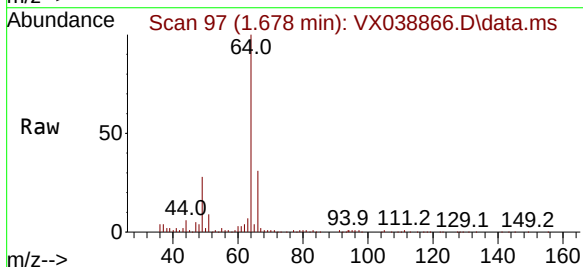
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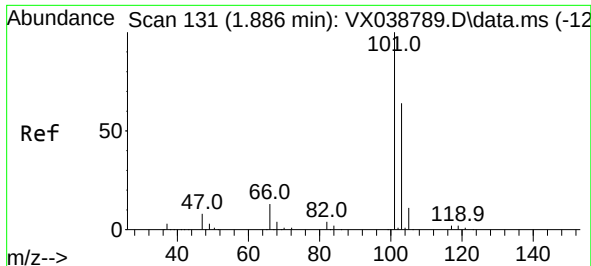
Reviewed By :John Carlone 11/17/2023
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#6
Chloroethane
Concen: 53.754 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

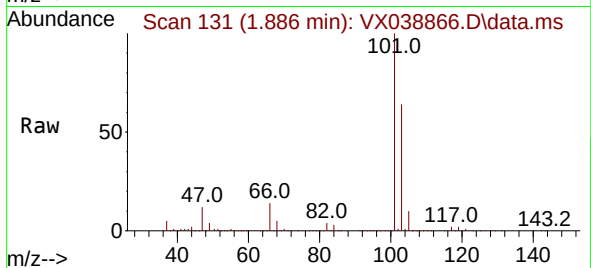
Tgt Ion: 64 Resp: 63741
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.596 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

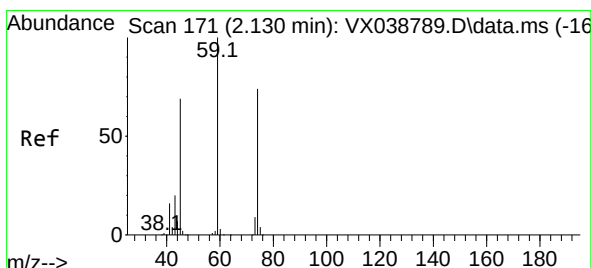
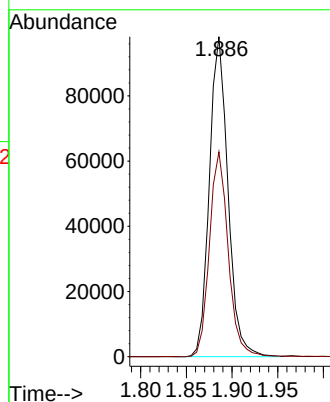
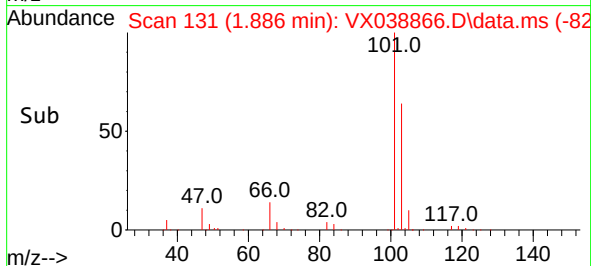
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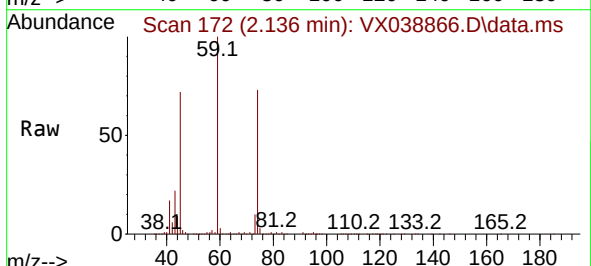
Tgt Ion:101 Resp: 13868
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

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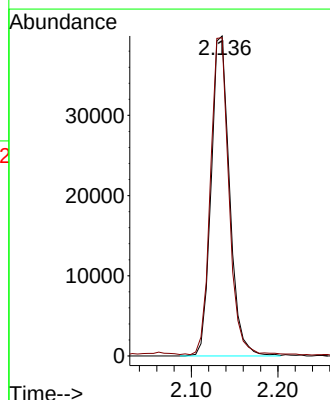
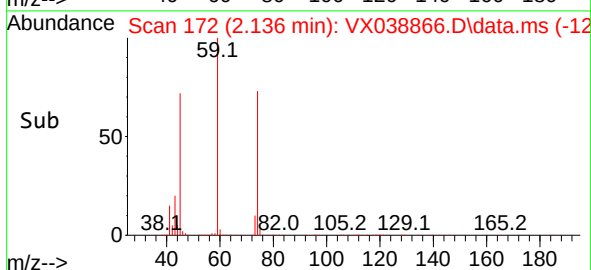
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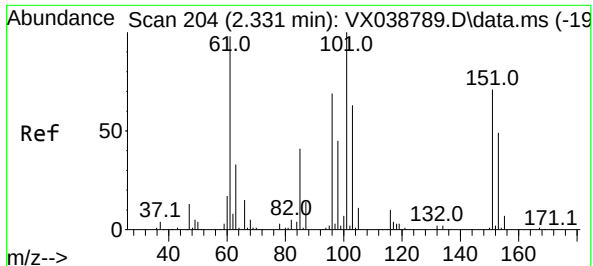


#8
Diethyl Ether
Concen: 51.426 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038866.D
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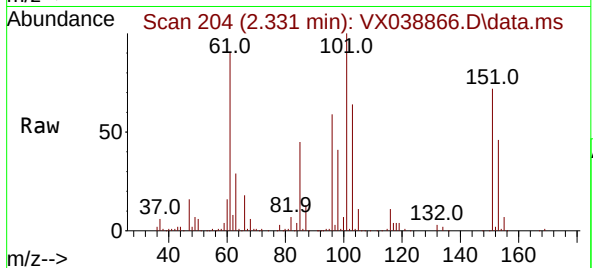
Tgt Ion: 74 Resp: 59059
Ion Ratio Lower Upper
74 100
45 99.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.432 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

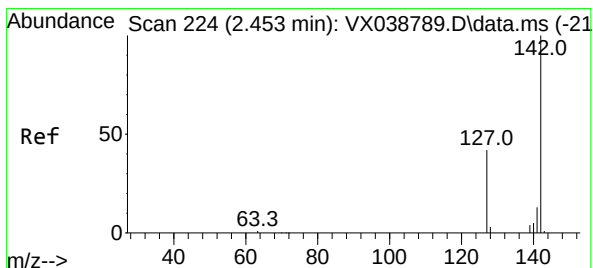
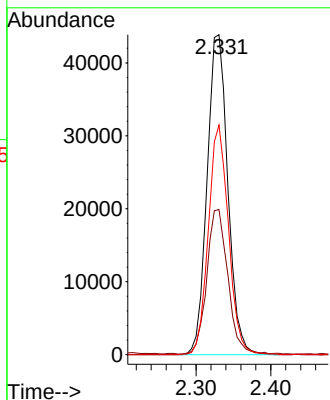
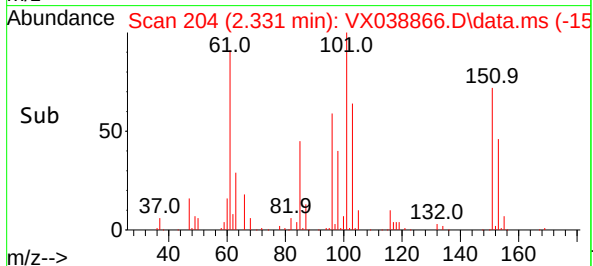
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 84689
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 69.7 58.6 87.8

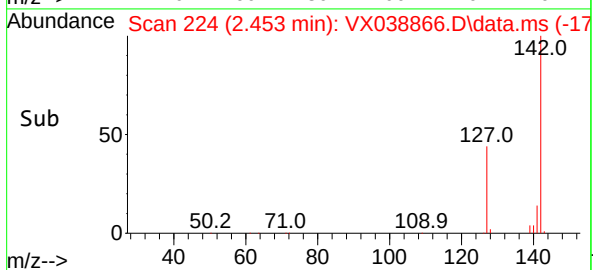
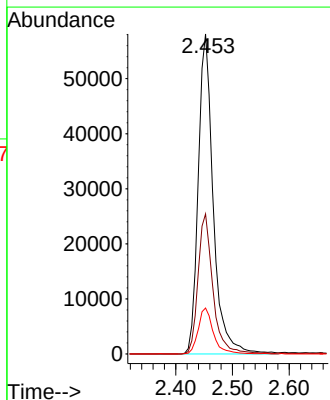
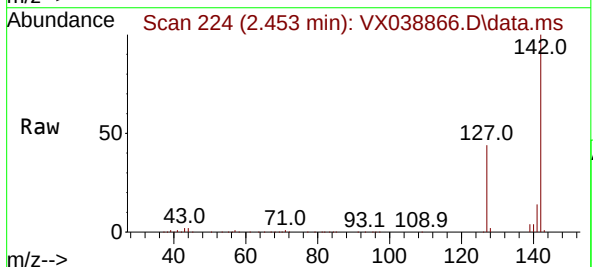
Manual Integrations
APPROVED

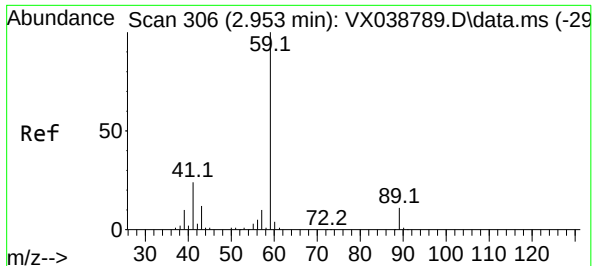
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 50.162 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

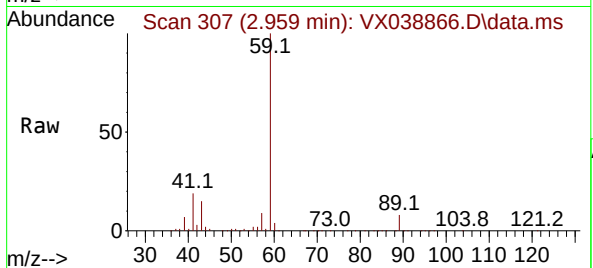
Tgt Ion:142 Resp: 106758
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 286.432 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

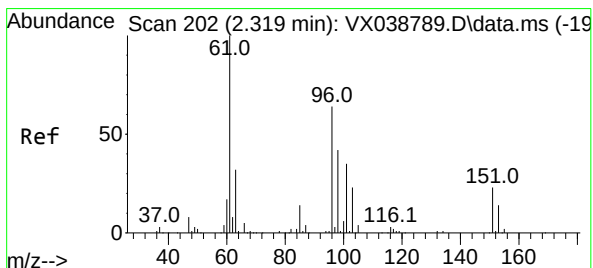
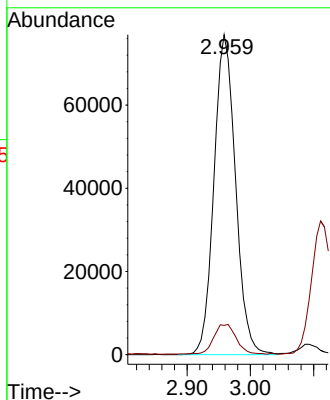
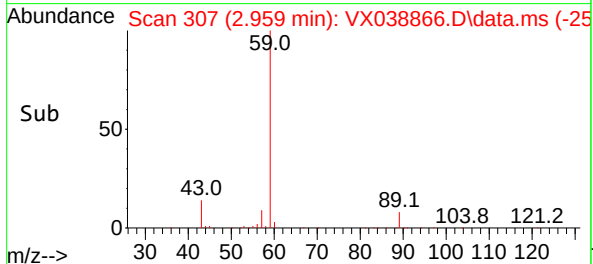
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 18182
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0

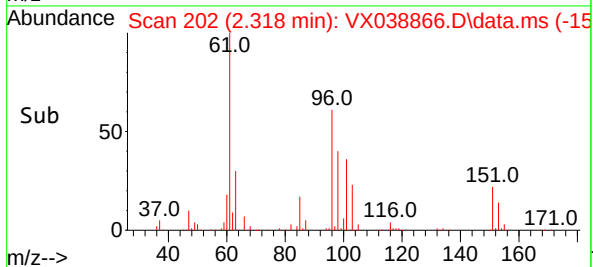
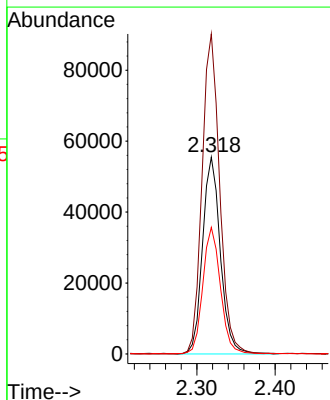
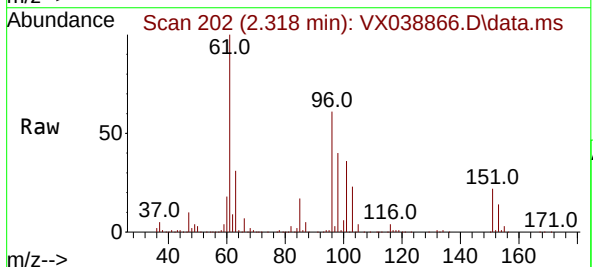
Manual Integrations
APPROVED

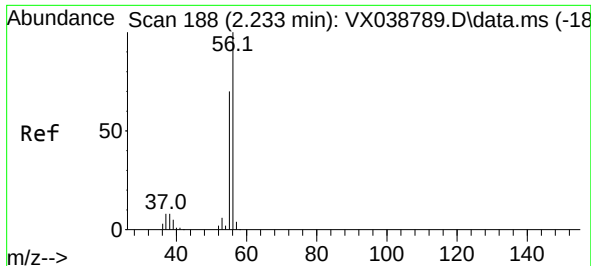
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 49.639 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

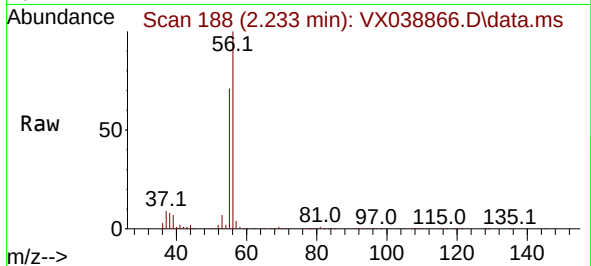
Tgt Ion: 96 Resp: 87631
Ion Ratio Lower Upper
96 100
61 162.6 144.6 216.8
98 64.1 50.4 75.6





#13
Acrolein
Concen: 275.037 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

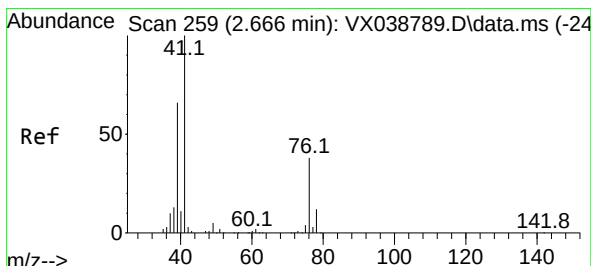
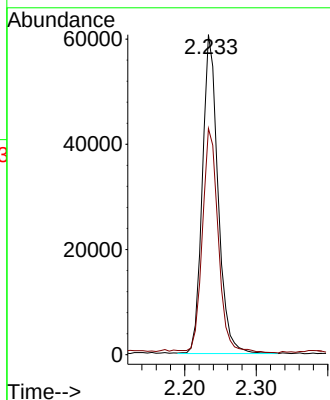
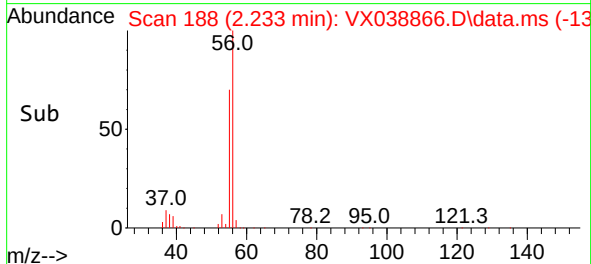
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 92369
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

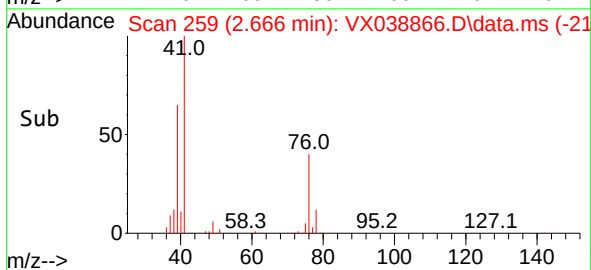
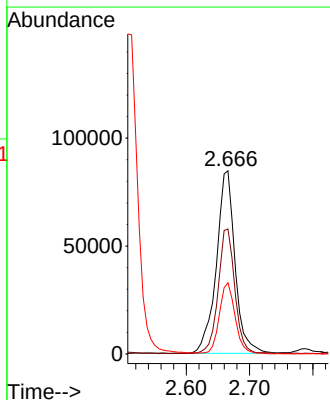
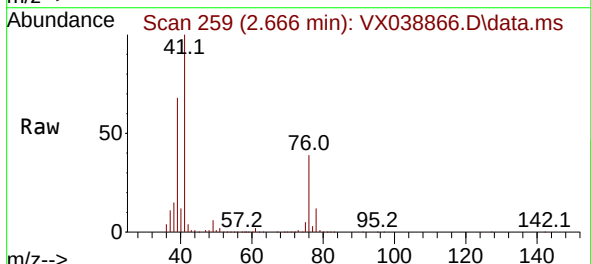
Manual Integrations
APPROVED

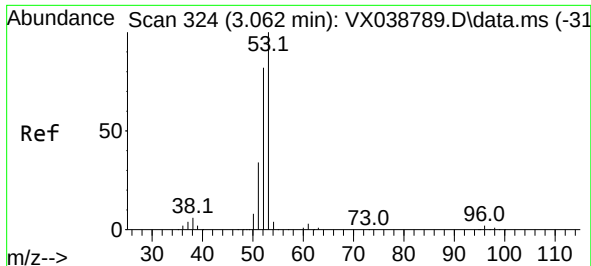
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 49.178 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

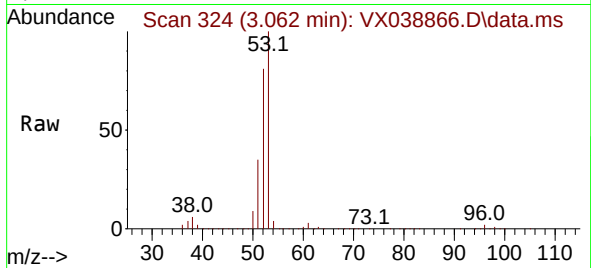
Tgt Ion: 41 Resp: 173822
Ion Ratio Lower Upper
41 100
39 60.9 55.8 83.6
76 32.8 24.3 36.5





#15
Acrylonitrile
Concen: 262.207 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

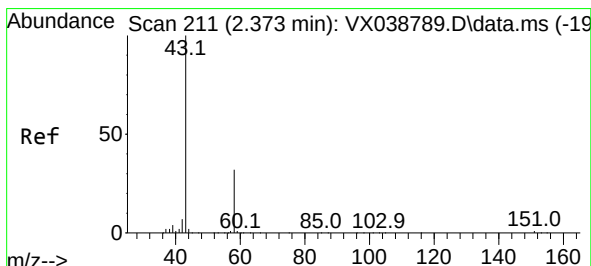
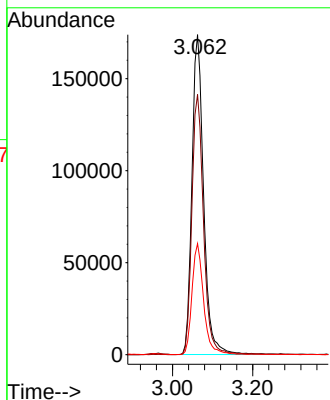
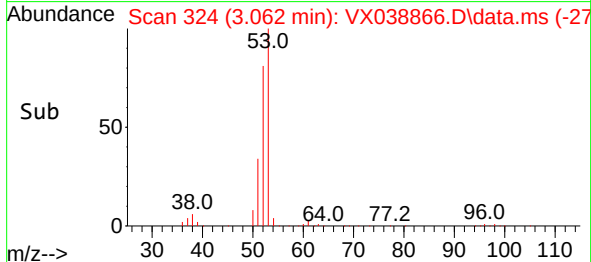
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 351698
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 34.5 29.8 44.6

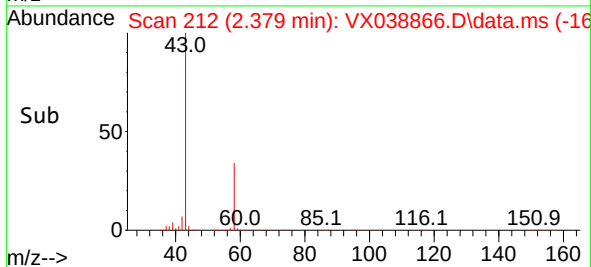
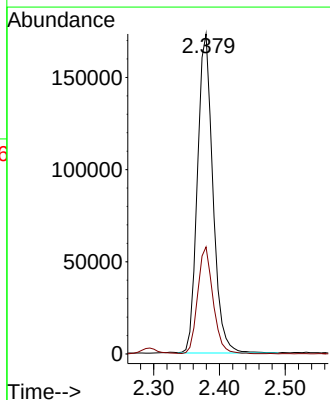
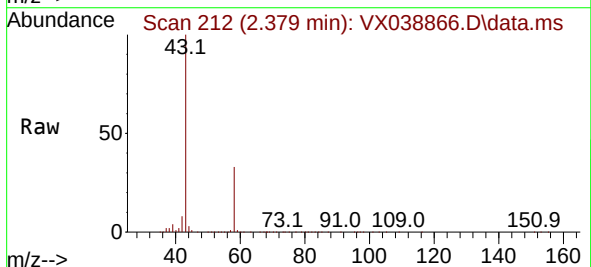
Manual Integrations
APPROVED

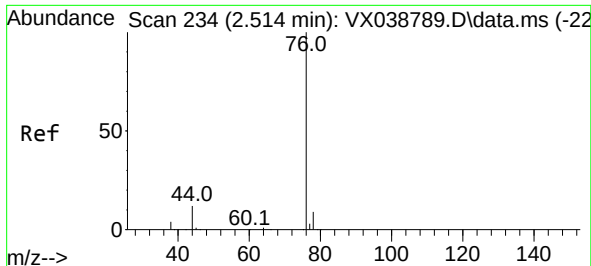
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 231.760 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

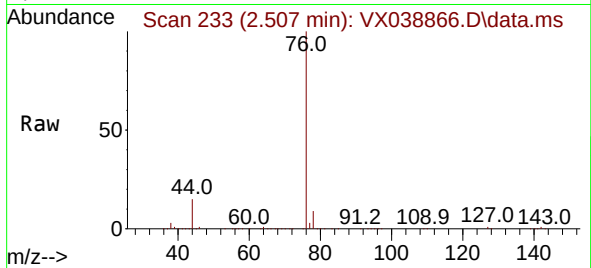
Tgt Ion: 43 Resp: 281582
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#





#17
Carbon Disulfide
Concen: 46.235 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

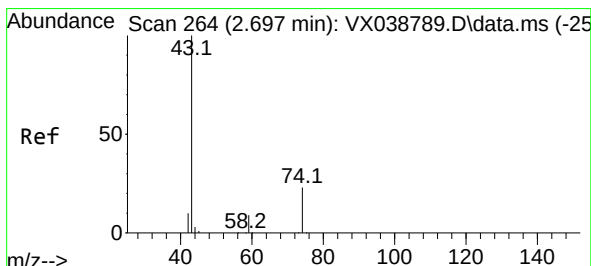
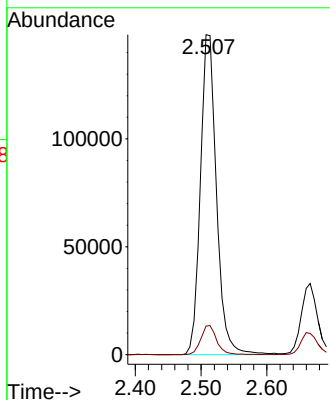
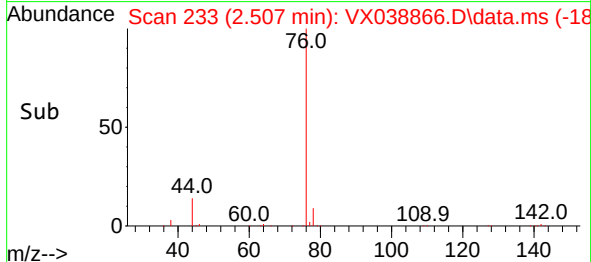
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



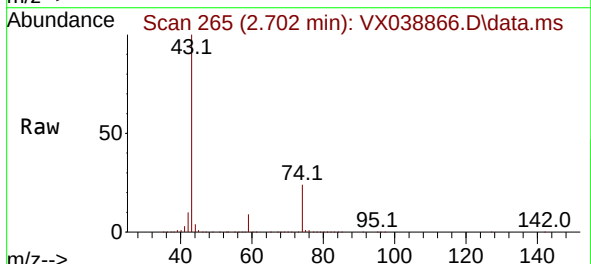
Tgt Ion: 76 Resp: 252835
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

Manual Integrations
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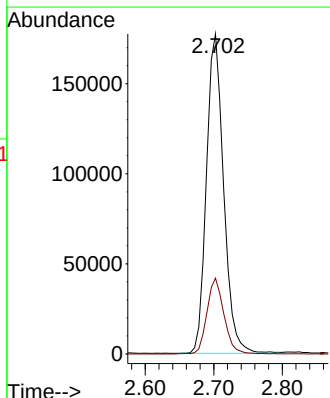
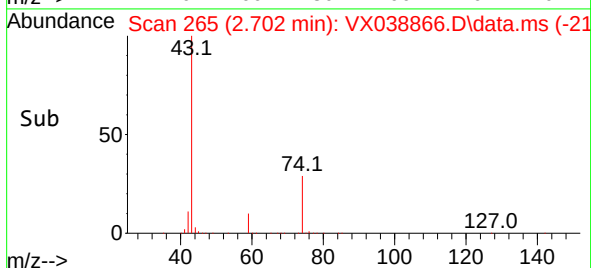
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

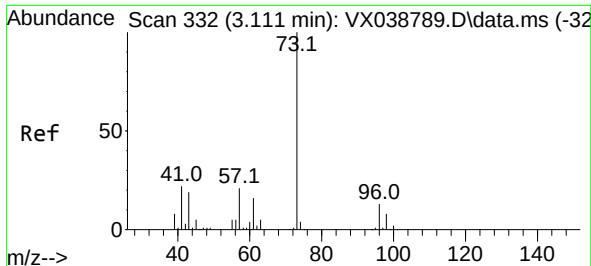


#18
Methyl Acetate
Concen: 53.648 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



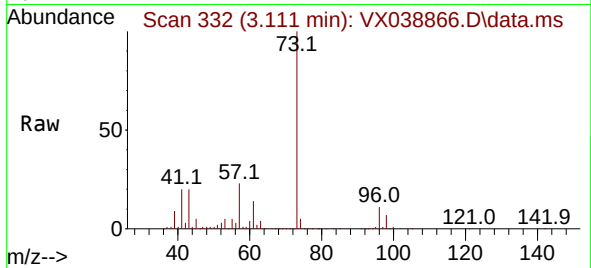
Tgt Ion: 43 Resp: 309603
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.969 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

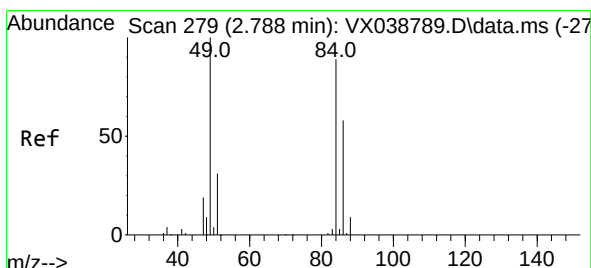
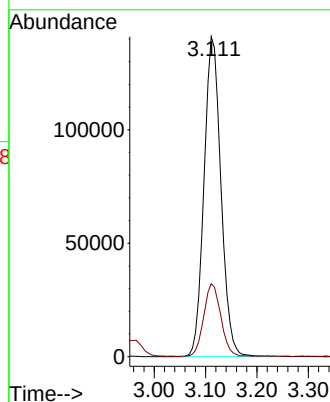
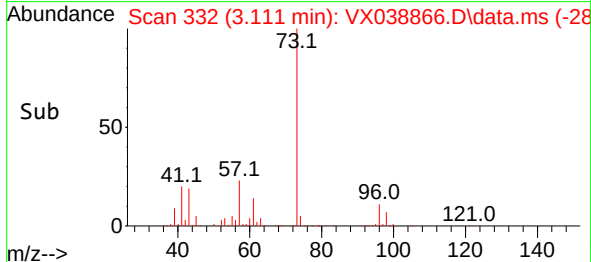
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 32269
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

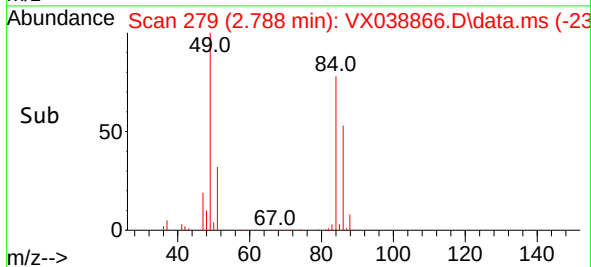
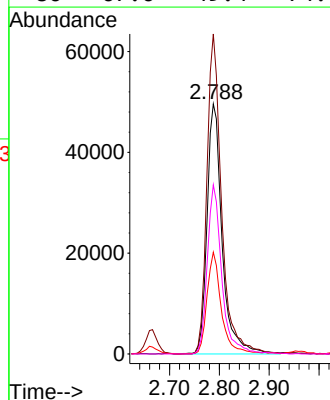
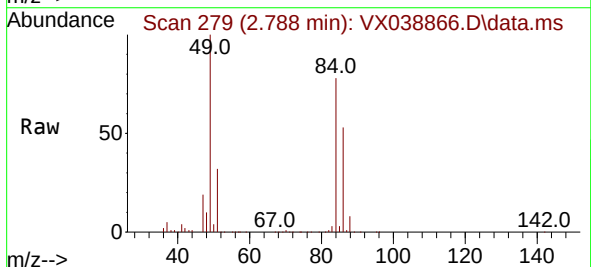
Manual Integrations
APPROVED

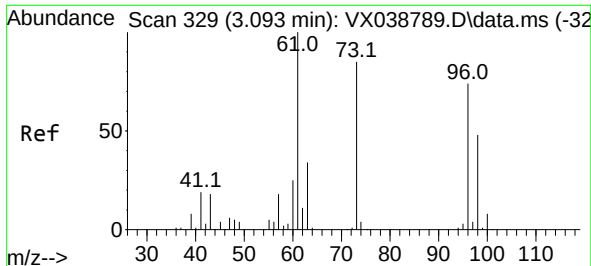
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 47.651 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

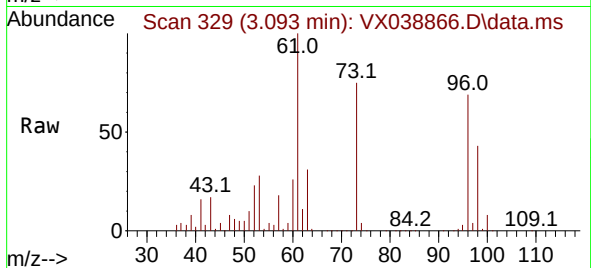
Tgt Ion: 84 Resp: 104364
Ion Ratio Lower Upper
84 100
49 127.9 103.6 155.4
51 40.7 33.8 50.6
86 67.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.944 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

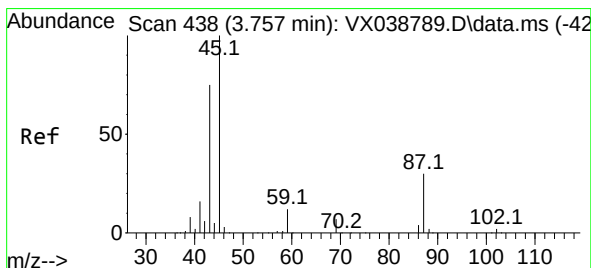
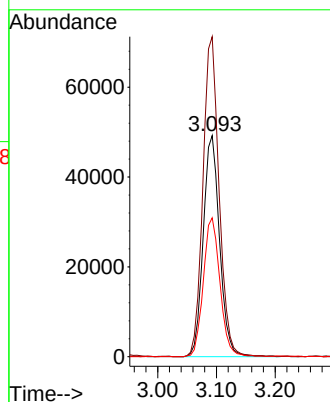
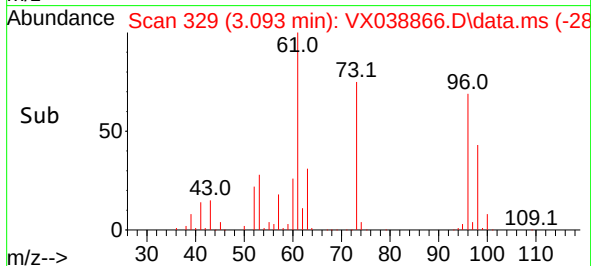
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 95339
Ion Ratio Lower Upper
96 100
61 144.8 119.2 178.8
98 62.8 48.7 73.1

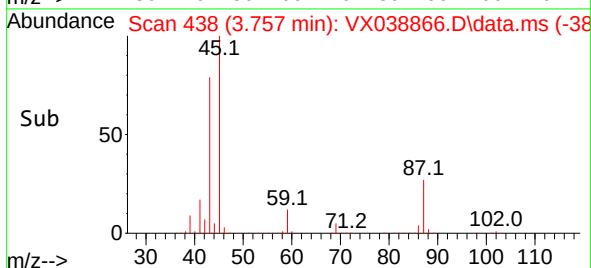
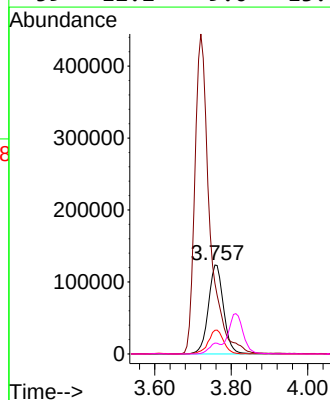
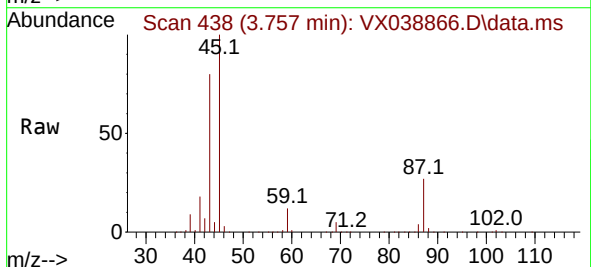
Manual Integrations
APPROVED

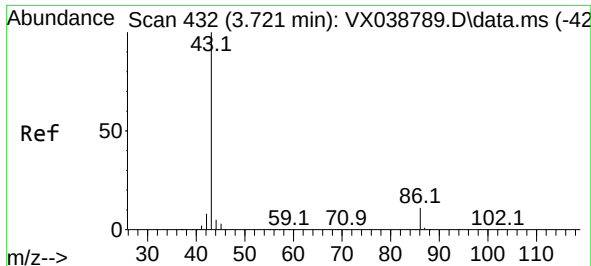
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 52.486 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 45 Resp: 340325
Ion Ratio Lower Upper
45 100
43 79.2 69.7 104.5
87 26.7 20.8 31.2
59 12.2 9.0 13.4





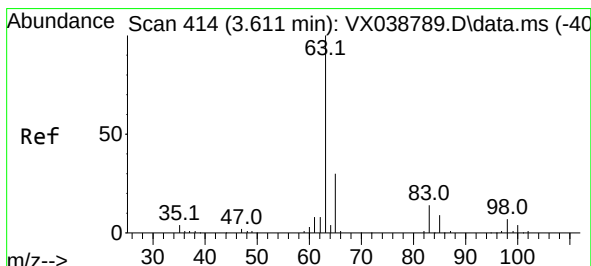
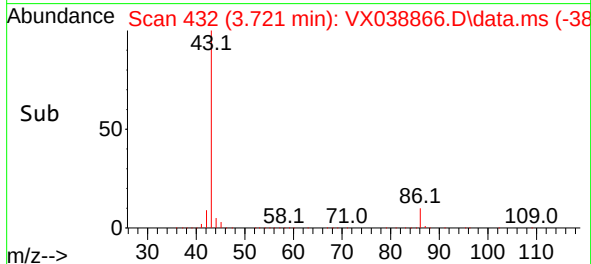
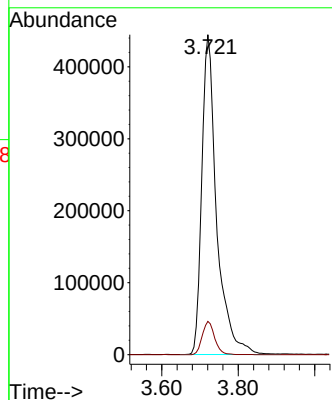
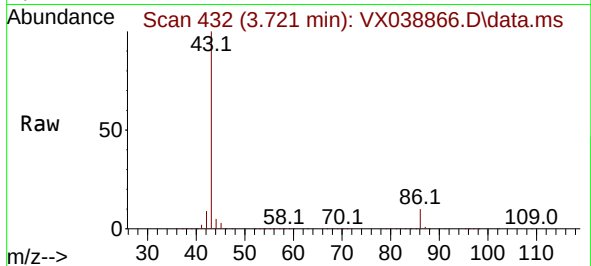
#23
 Vinyl Acetate
 Concen: 255.971 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038866.D
 Acq: 17 Nov 2023 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 119537
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

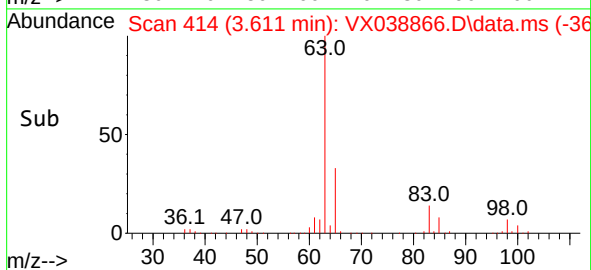
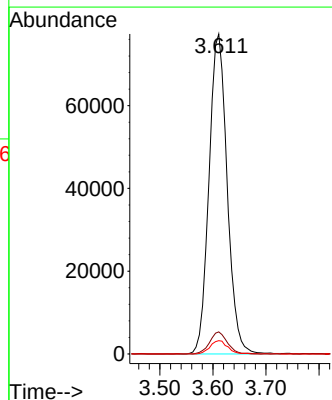
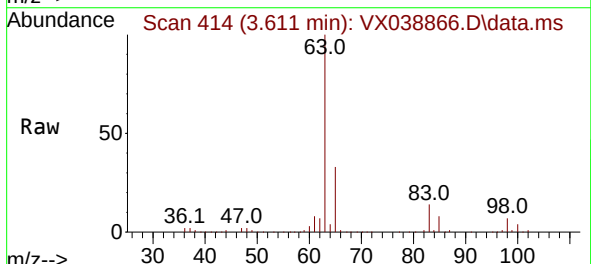
Manual Integrations
 APPROVED

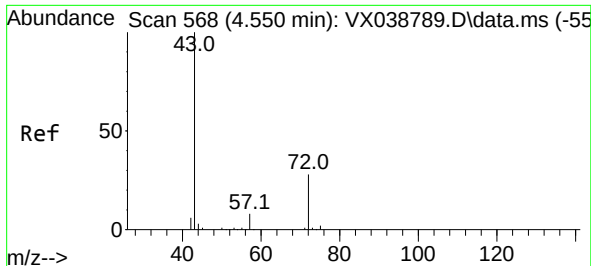
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 50.738 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038866.D
 Acq: 17 Nov 2023 02:18

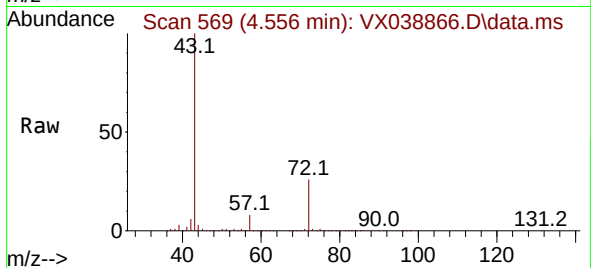
Tgt Ion: 63 Resp: 183977
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 252.173 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

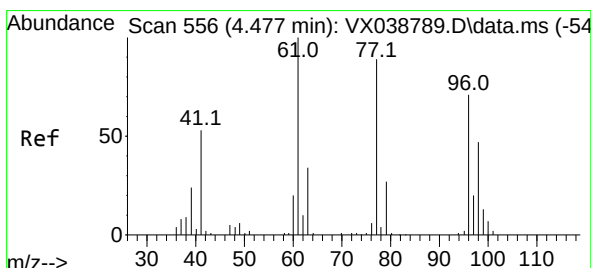
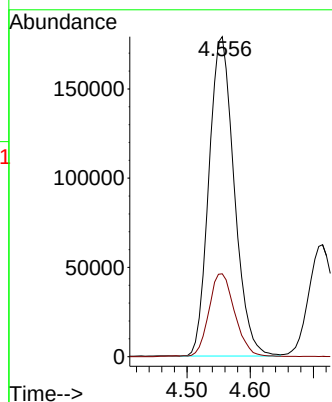
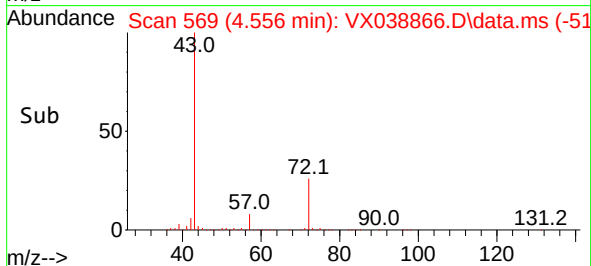
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49684
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

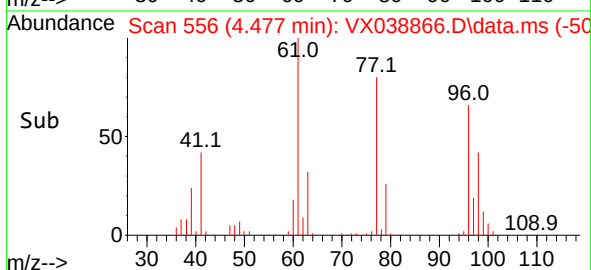
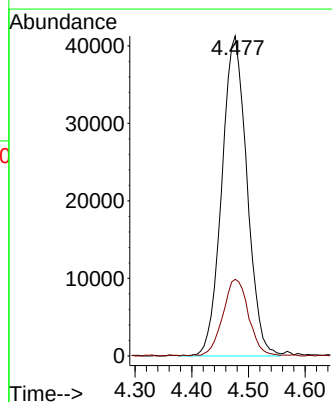
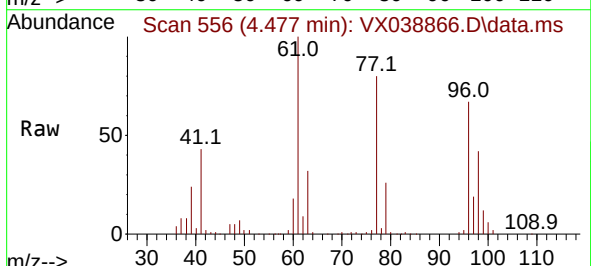
Manual Integrations
APPROVED

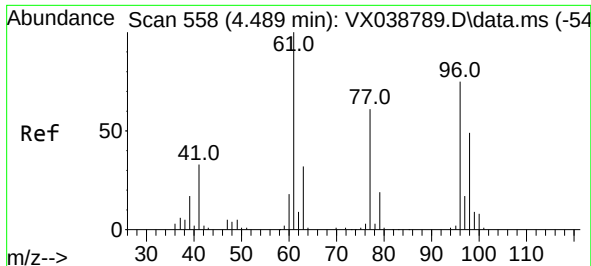
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 40.345 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 77 Resp: 126896
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.729 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11291

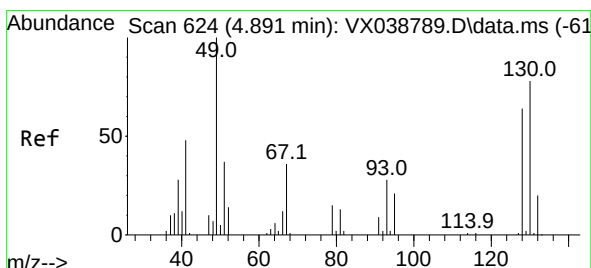
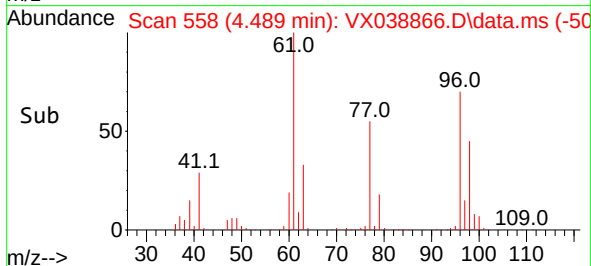
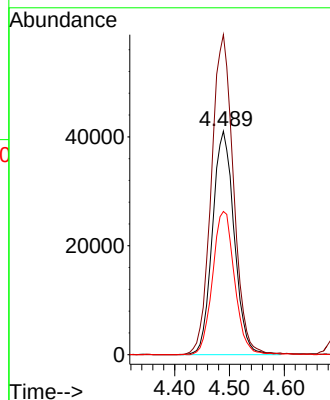
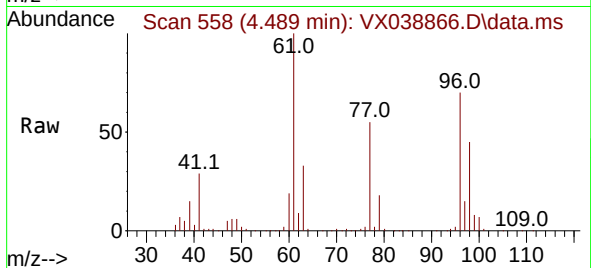
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	312.2
98	64.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#28

Bromochloromethane

Concen: 52.074 ug/l

RT: 4.897 min Scan# 625

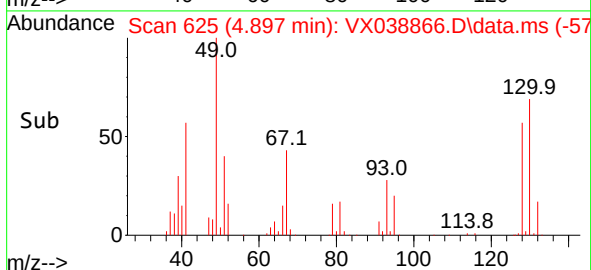
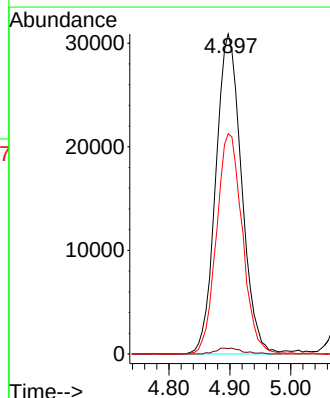
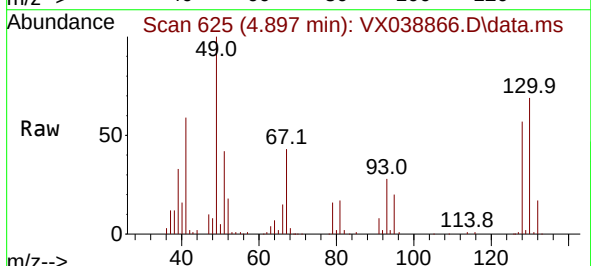
Delta R.T. 0.006 min

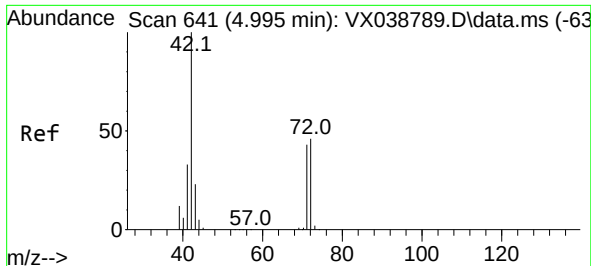
Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Tgt Ion: 49 Resp: 90657

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	69.1	57.5	86.3





#29

Tetrahydrofuran

Concen: 265.380 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 33198

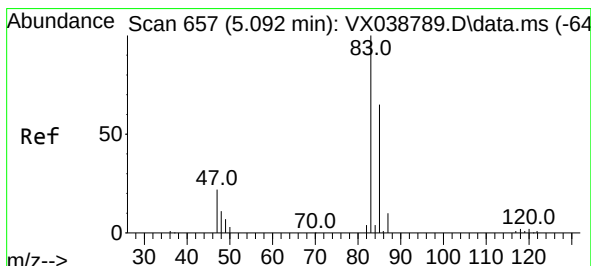
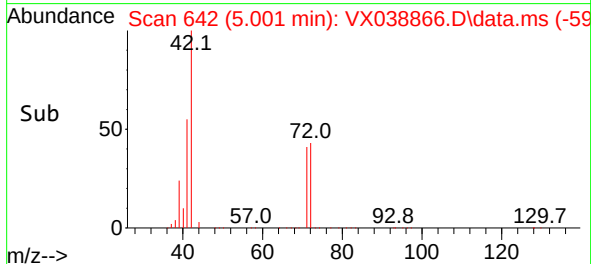
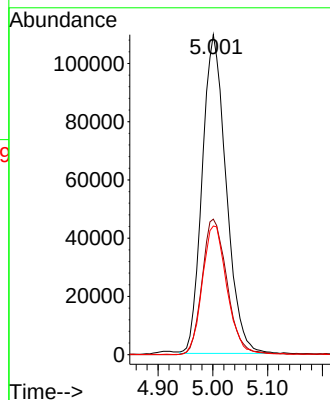
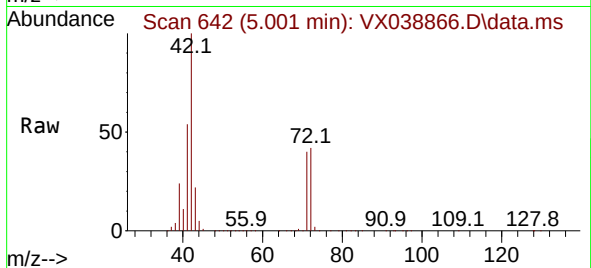
Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	41.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 51.709 ug/l

RT: 5.092 min Scan# 657

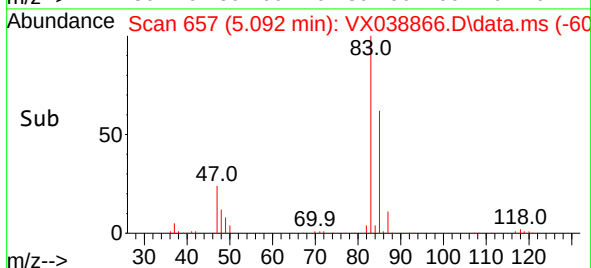
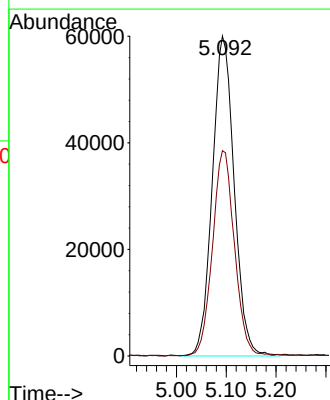
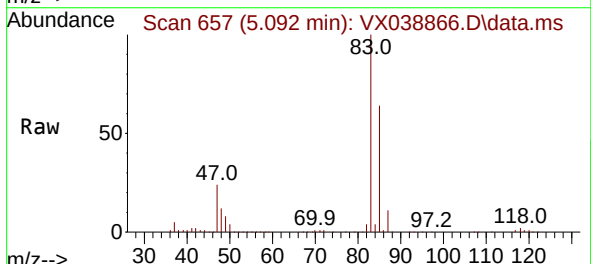
Delta R.T. -0.000 min

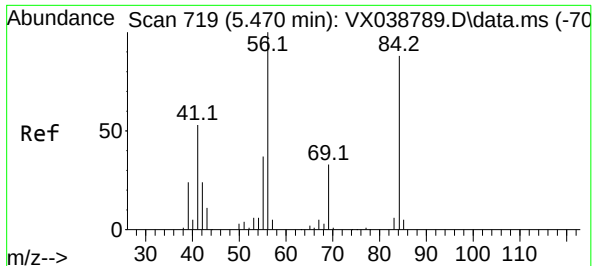
Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Tgt Ion: 83 Resp: 183086

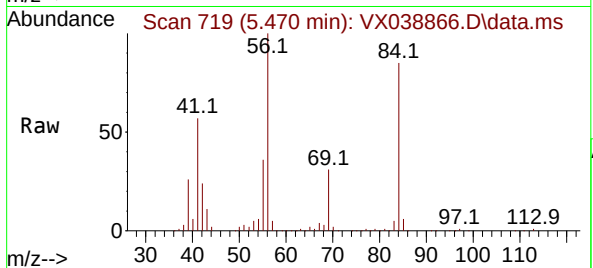
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





#31
Cyclohexane
Concen: 49.590 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

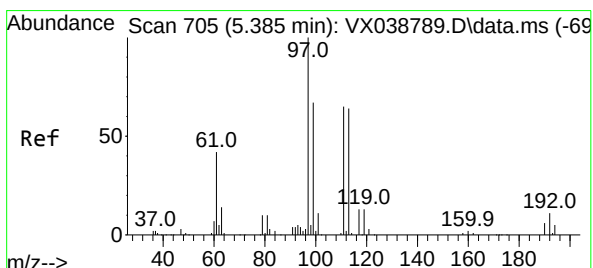
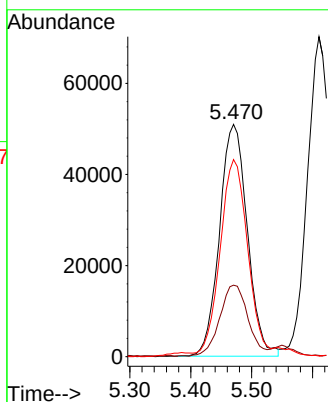
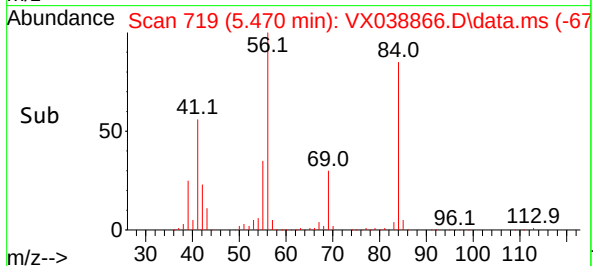
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 161594
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 83.5 65.9 98.9

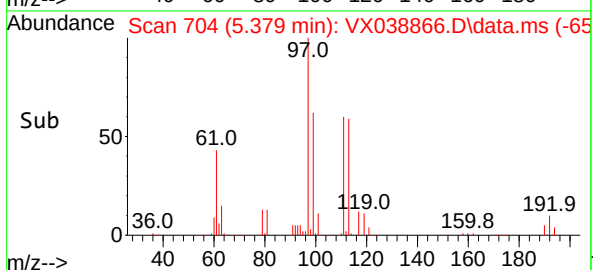
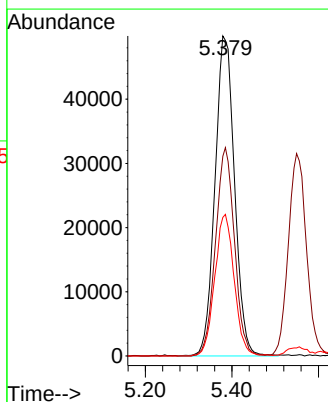
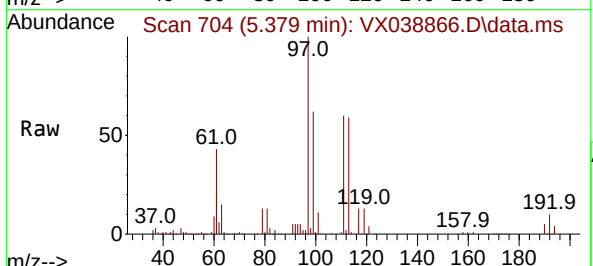
Manual Integrations
APPROVED

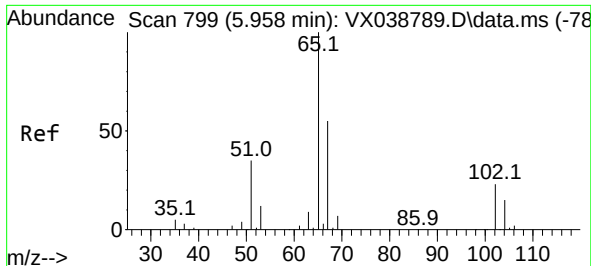
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 51.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 97 Resp: 156809
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 43.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.397 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11502

Ion Ratio Lower Upper

65 100

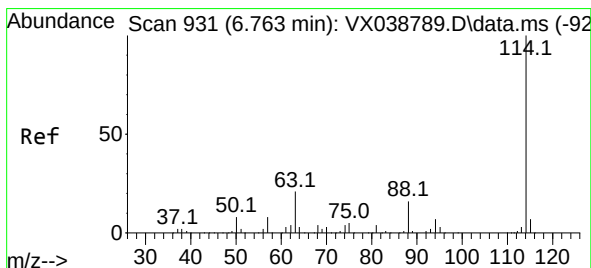
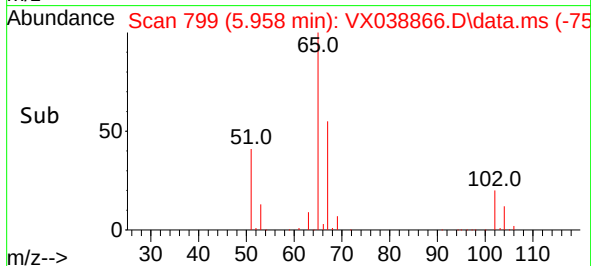
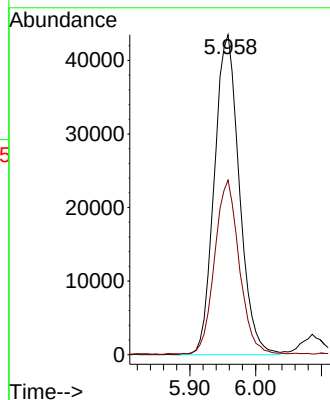
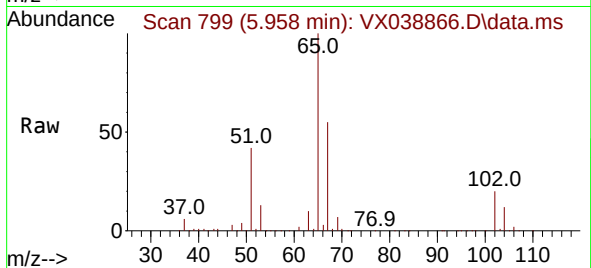
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

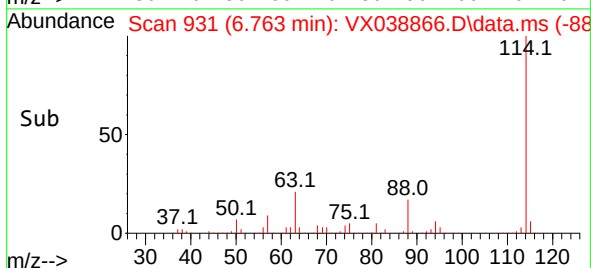
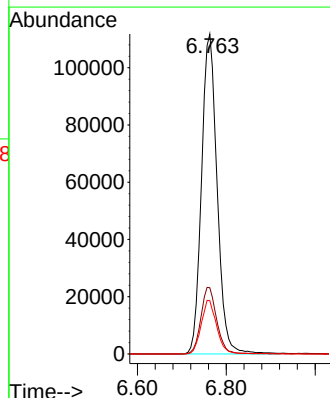
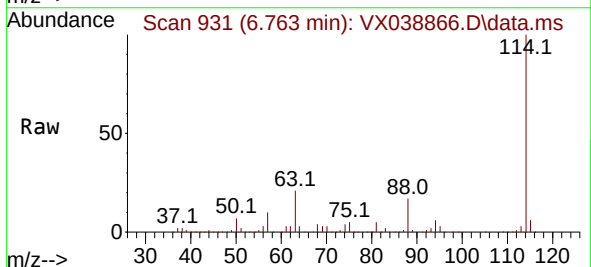
Tgt Ion:114 Resp: 273455

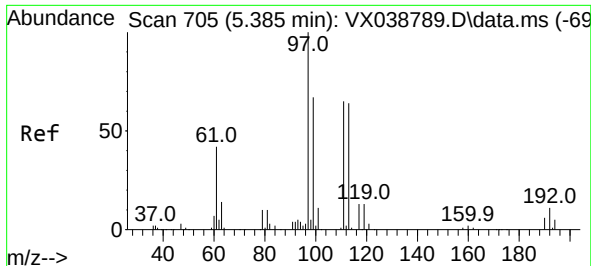
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

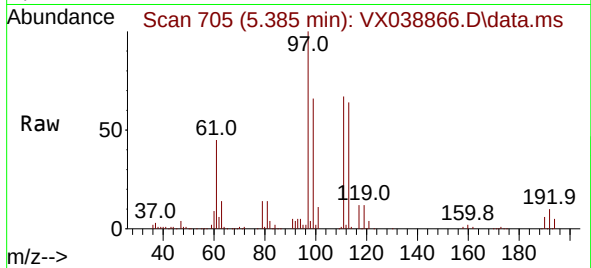
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

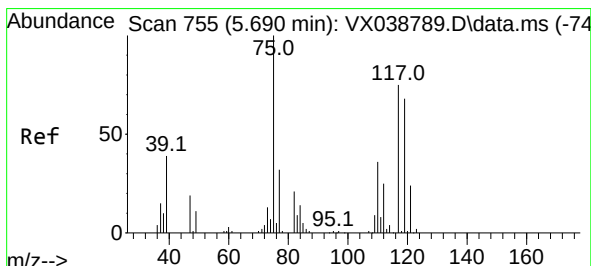
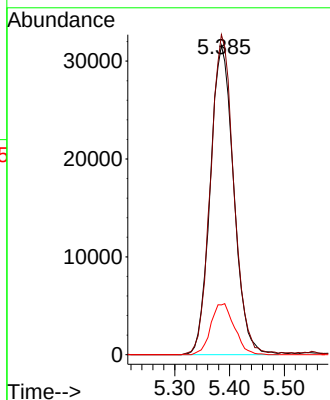
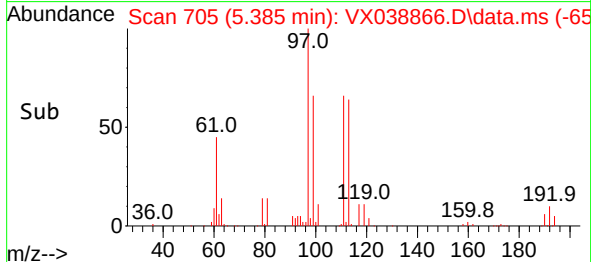
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 94024
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.5 13.3 19.9

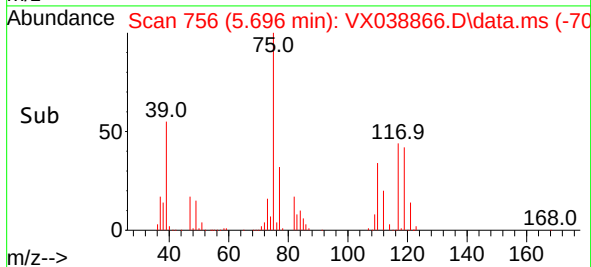
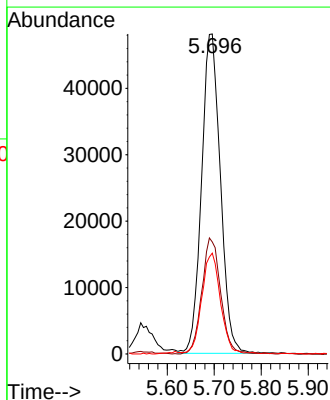
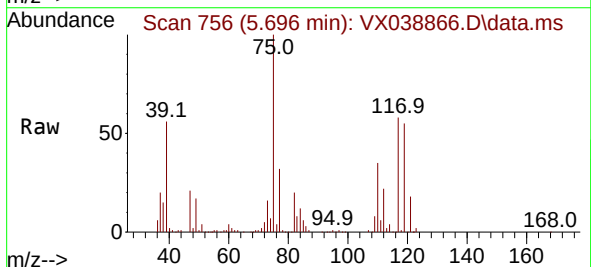
Manual Integrations
APPROVED

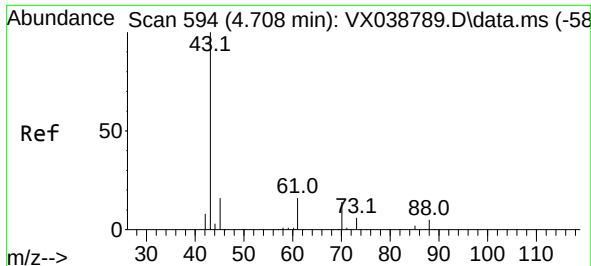
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#36
1,1-Dichloropropene
Concen: 47.339 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 75 Resp: 133996
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 49.472 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18244

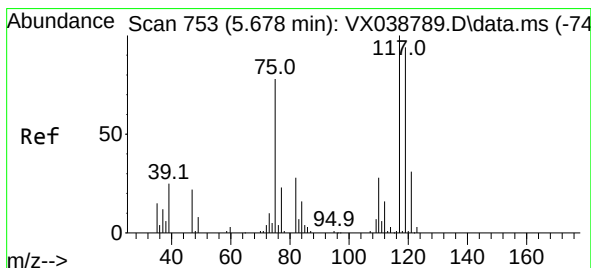
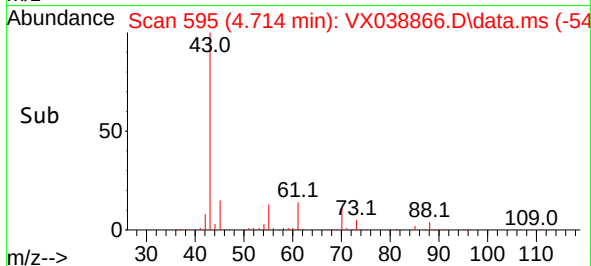
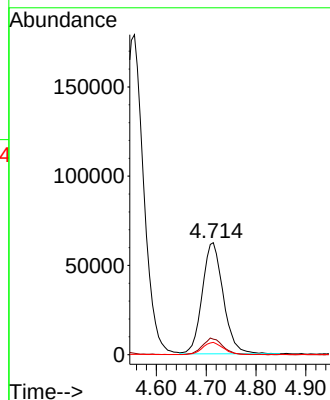
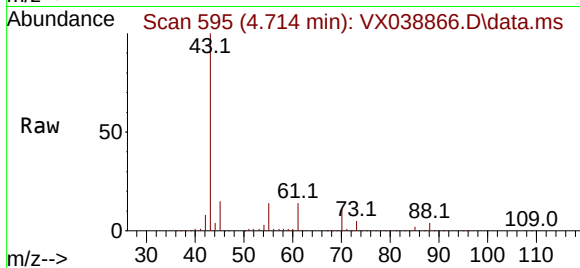
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 49.980 ug/l

RT: 5.678 min Scan# 753

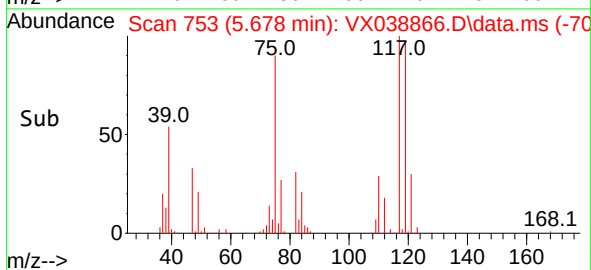
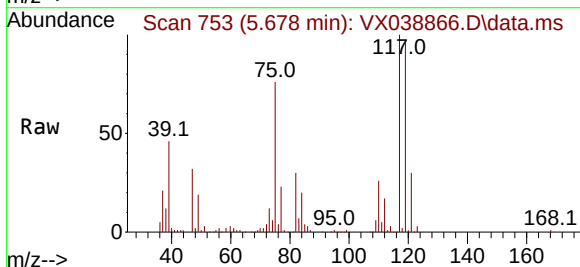
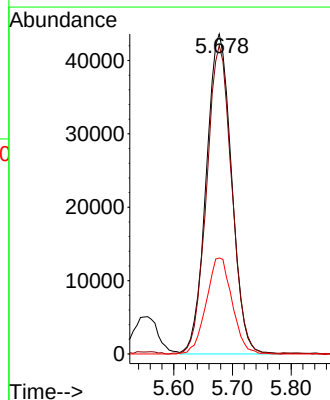
Delta R.T. -0.000 min

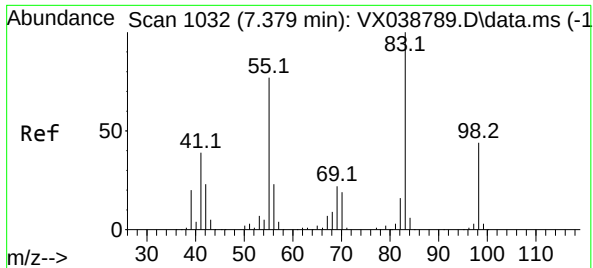
Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Tgt Ion:117 Resp: 130753

Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.2
121	30.0	24.4	36.6





#39

Methylcyclohexane

Concen: 45.249 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 167069

Ion Ratio Lower Upper

83 100

55 78.5 64.6 97.0

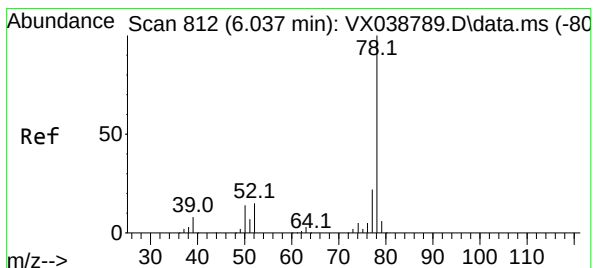
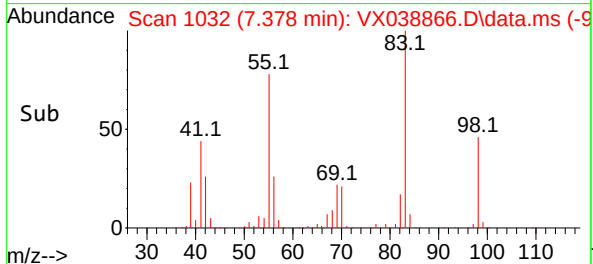
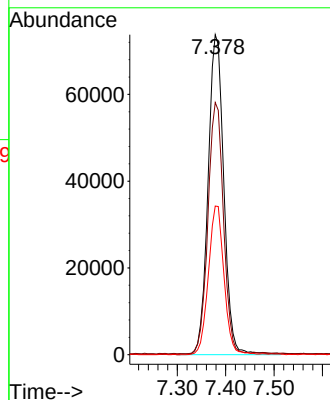
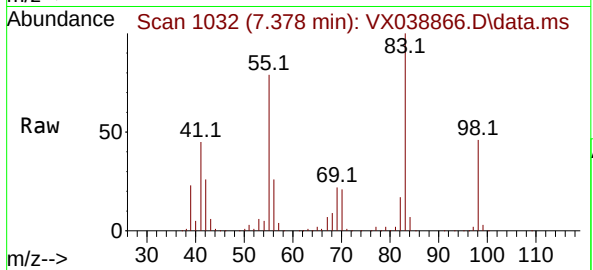
98 46.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 48.630 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038866.D

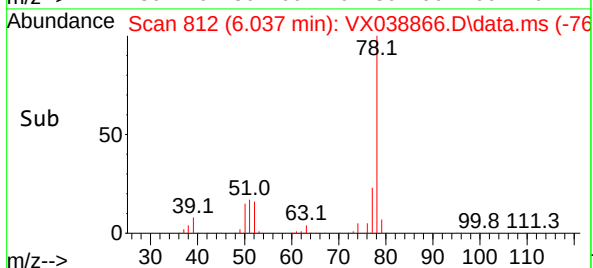
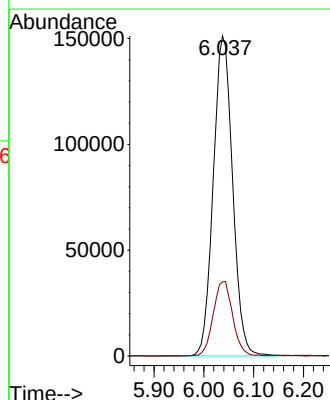
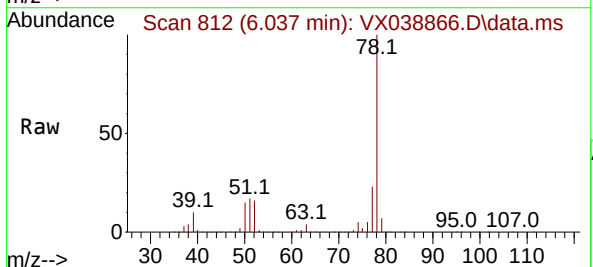
Acq: 17 Nov 2023 02:18

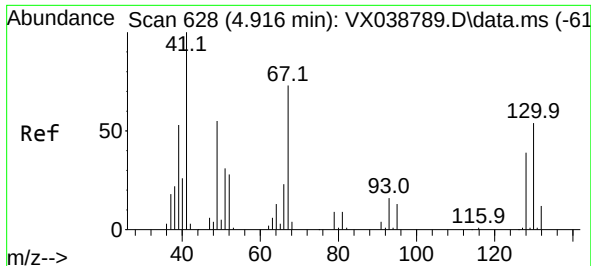
Tgt Ion: 78 Resp: 407125

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 50.549 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

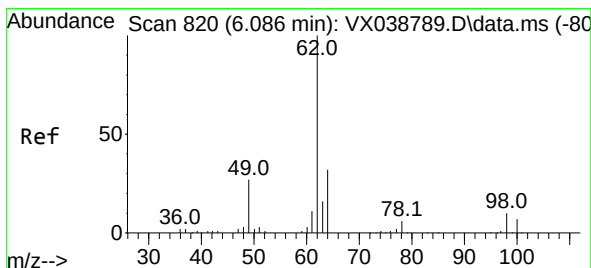
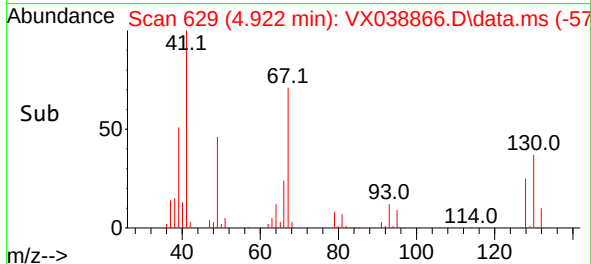
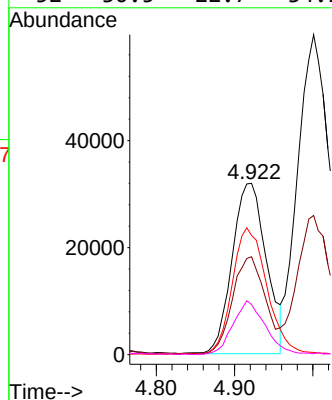
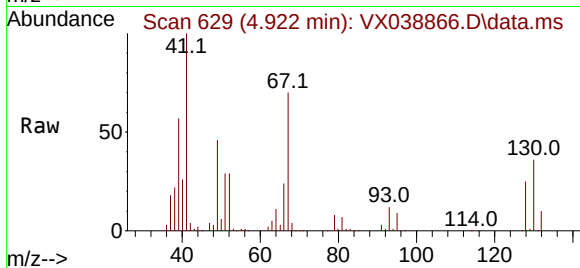
Tgt Ion: 41 Resp: 9668
Ion Ratio Lower Upper
41 100
39 53.3 45.2 67.8
67 74.7 52.6 78.8
52 30.5 22.7 34.1

Manual Integrations

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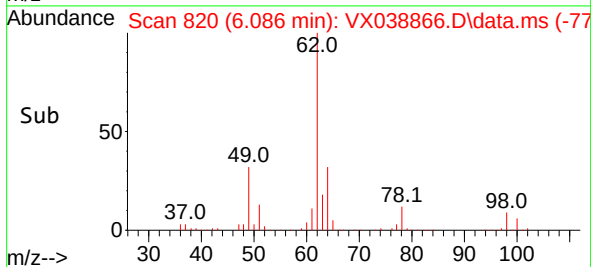
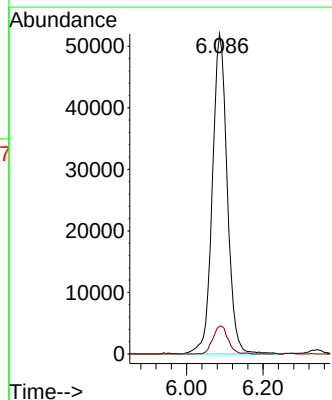
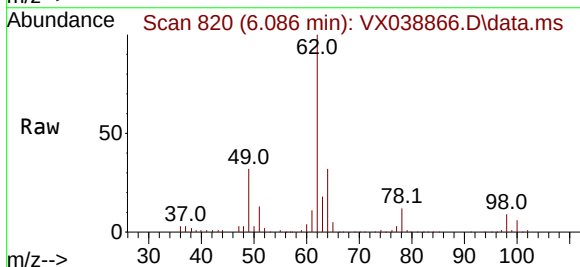
Reviewed By :John Carlone 11/17/2023

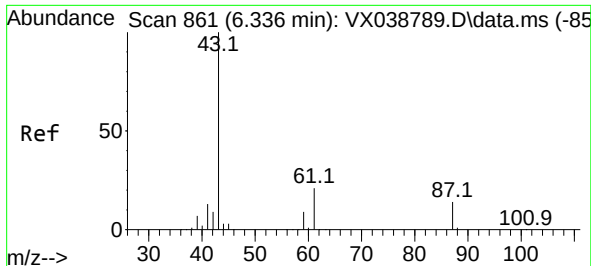
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 50.581 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

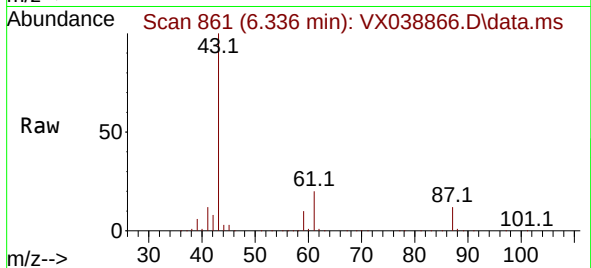
Tgt Ion: 62 Resp: 140300
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.215 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

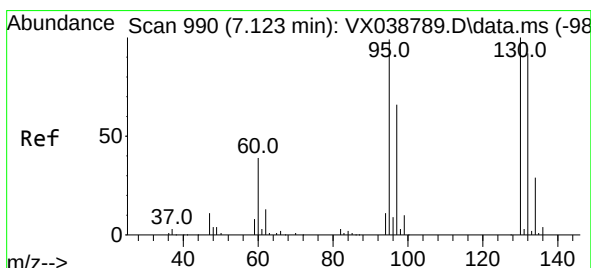
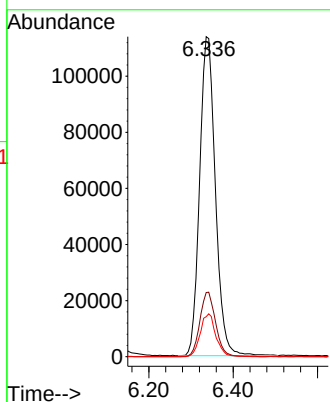
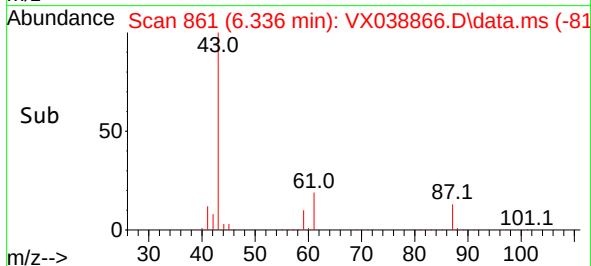
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 295948
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.3 9.8 14.6

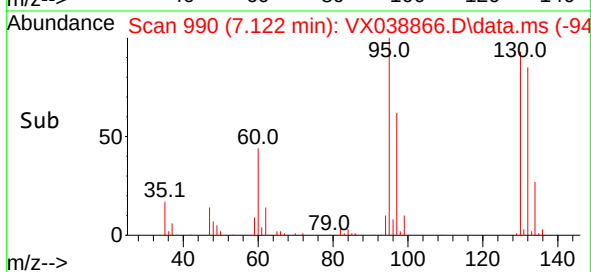
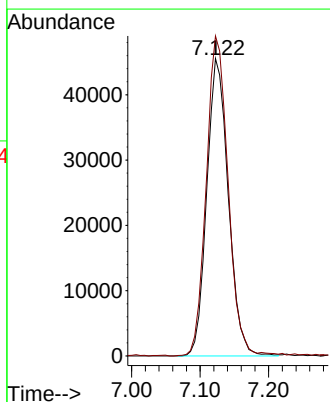
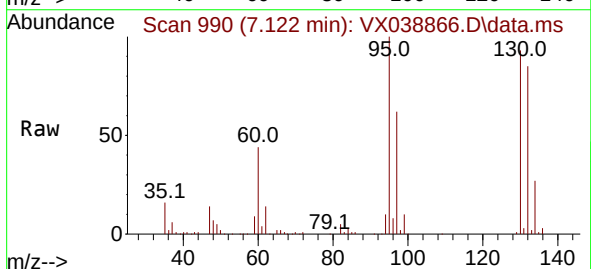
Manual Integrations
APPROVED

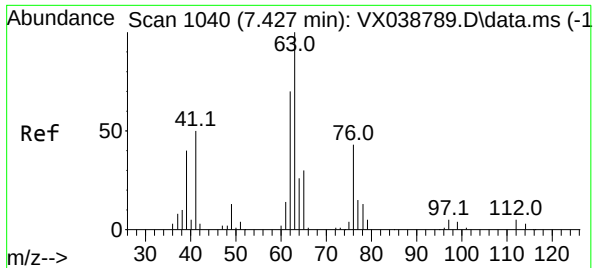
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#44
Trichloroethene
Concen: 48.876 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:130 Resp: 99600
Ion Ratio Lower Upper
130 100
95 107.4 0.0 204.4





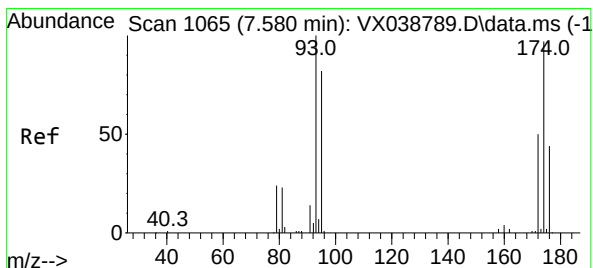
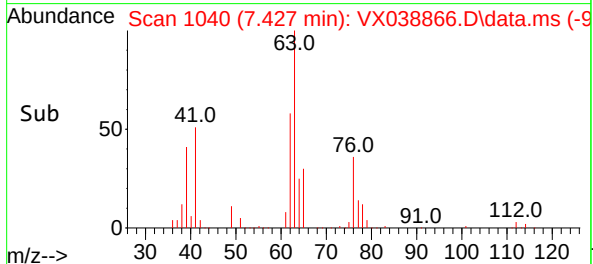
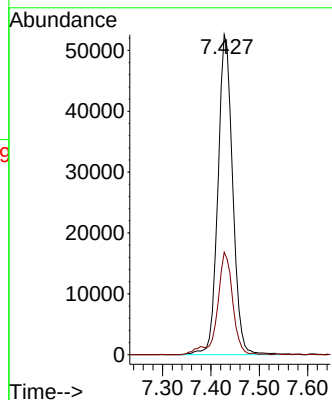
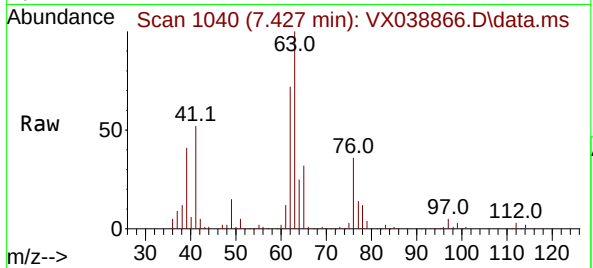
#45
1,2-Dichloropropane
Concen: 49.531 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 11159
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5

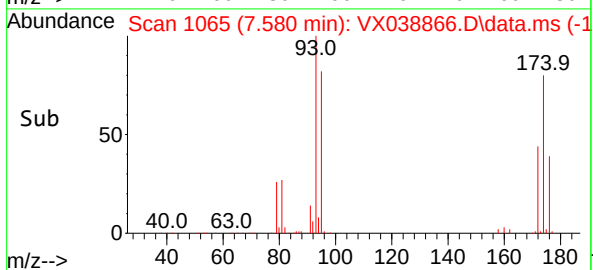
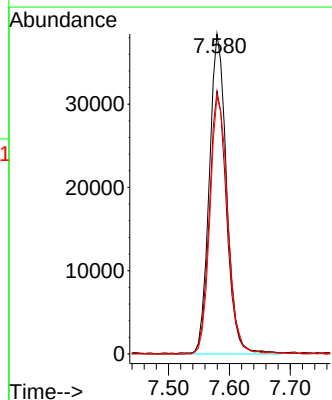
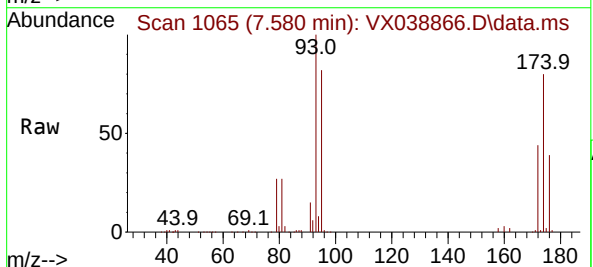
Manual Integrations
APPROVED

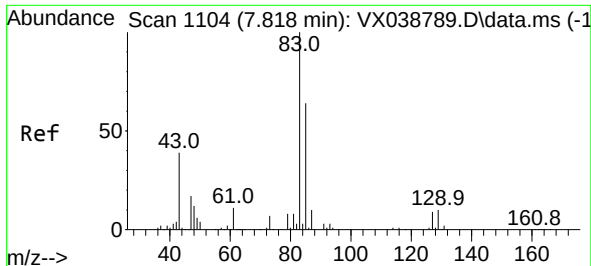
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#46
Dibromomethane
Concen: 50.659 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 93 Resp: 76112
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 82.5 69.4 104.0





#47
Bromodichloromethane
Concen: 48.849 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

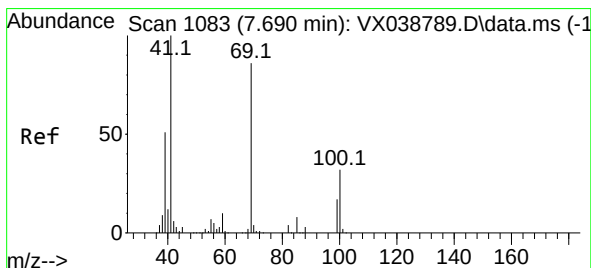
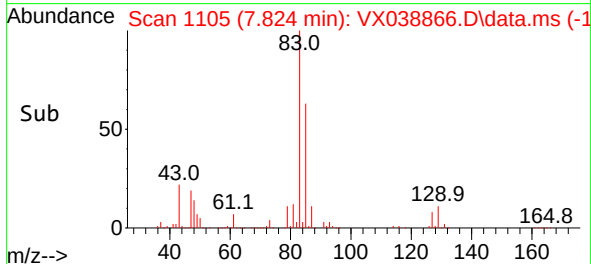
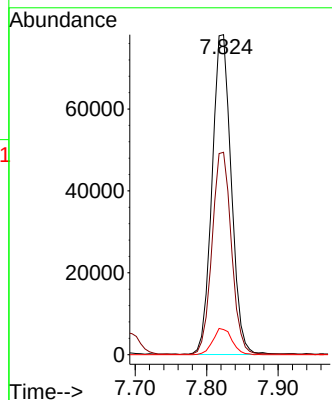
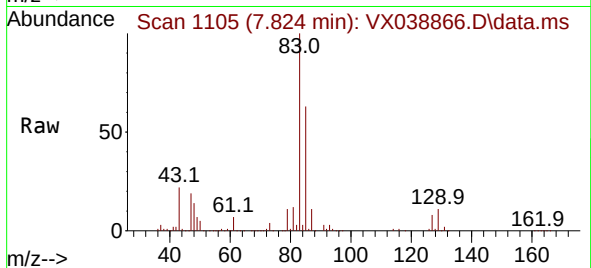
Tgt Ion: 83 Resp: 145669
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 7.9 7.1 10.7

Manual Integrations

APPROVED

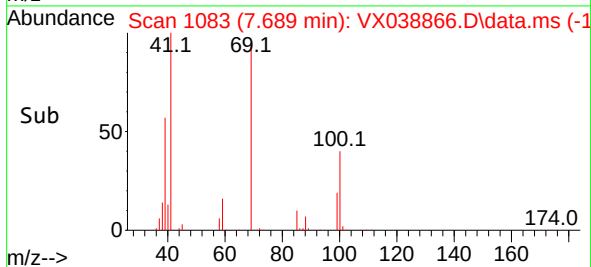
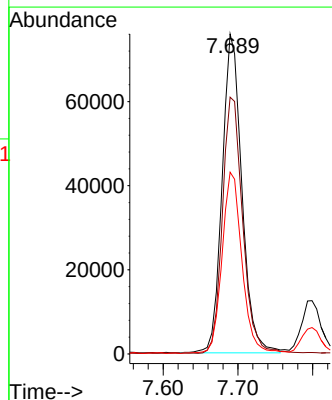
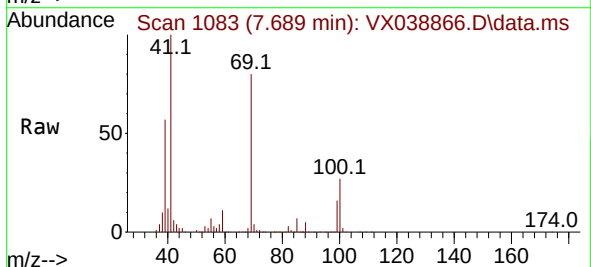
Reviewed By :John Carlone 11/17/2023

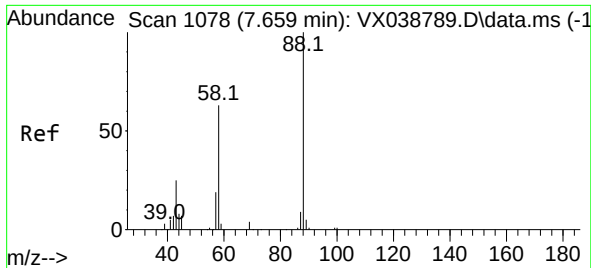
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 48.688 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

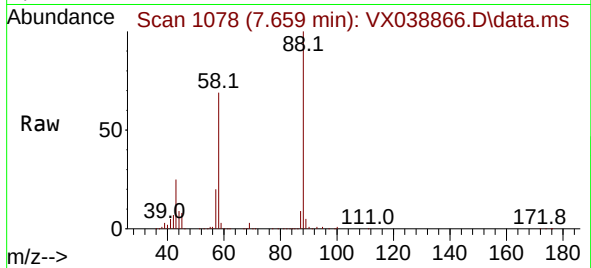
Tgt Ion: 41 Resp: 139226
Ion Ratio Lower Upper
41 100
69 82.6 59.2 88.8
39 57.3 47.7 71.5





#49
1,4-Dioxane
Concen: 1164.883 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

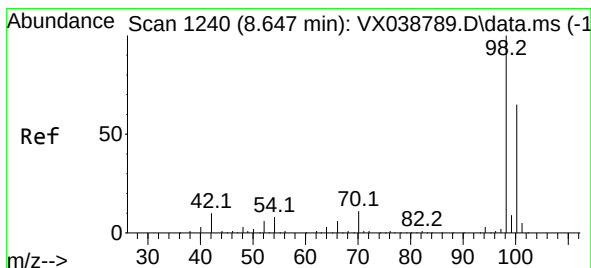
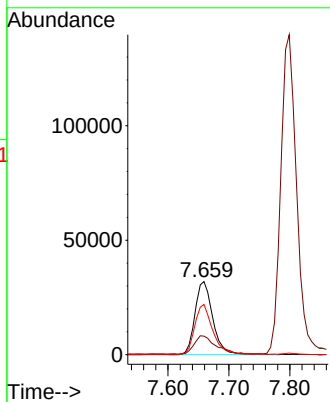
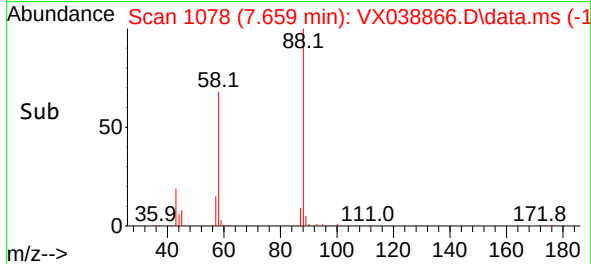
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 6444
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0
58 69.4 60.1 90.1

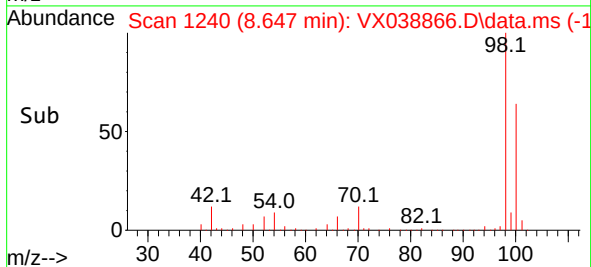
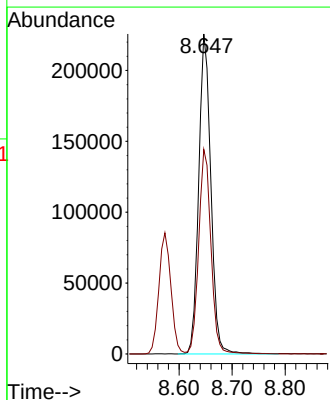
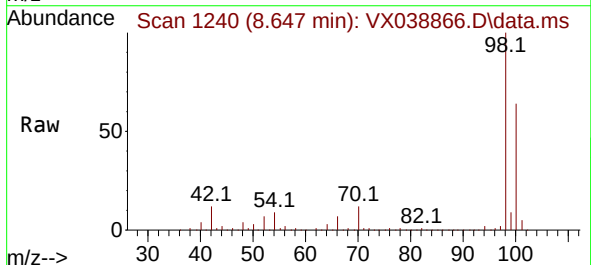
Manual Integrations
APPROVED

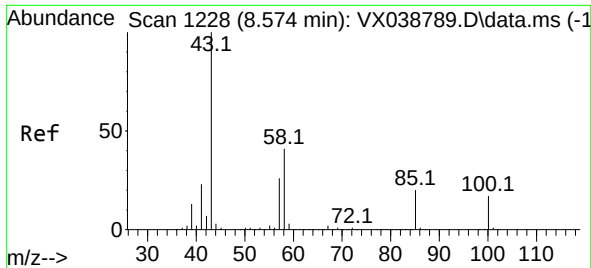
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#50
Toluene-d8
Concen: 47.404 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

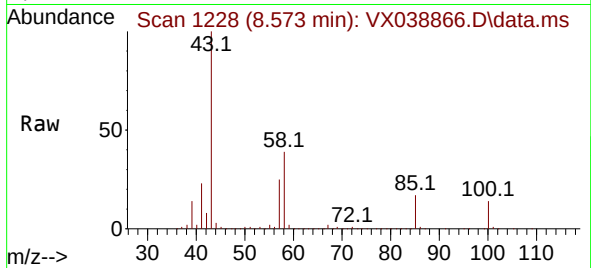
Tgt Ion: 98 Resp: 358199
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 255.312 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

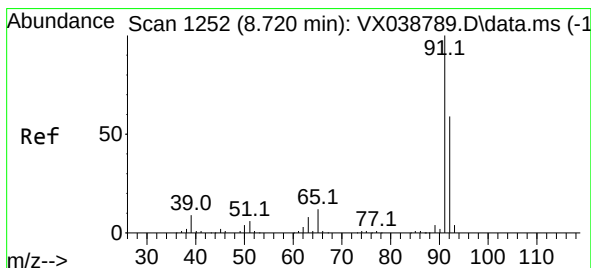
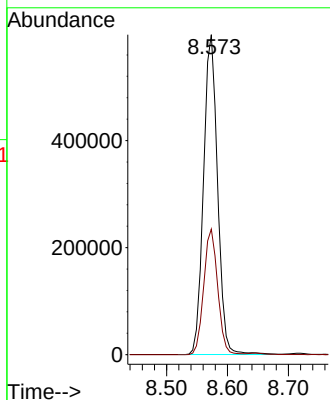
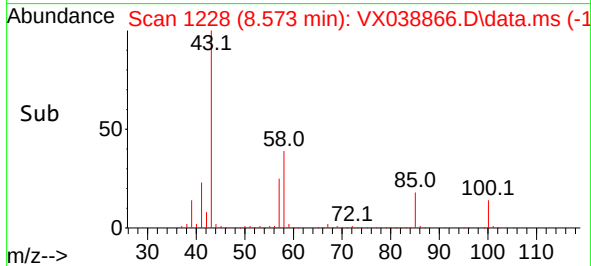
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 961598
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

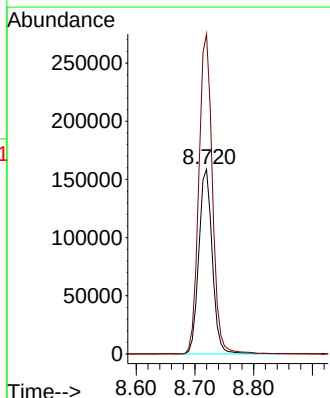
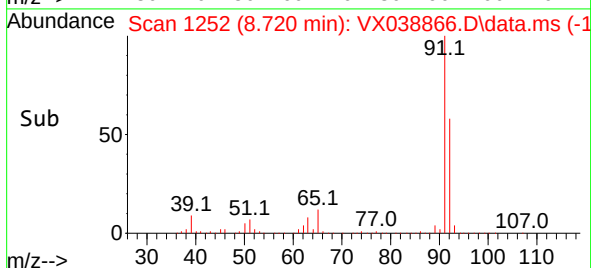
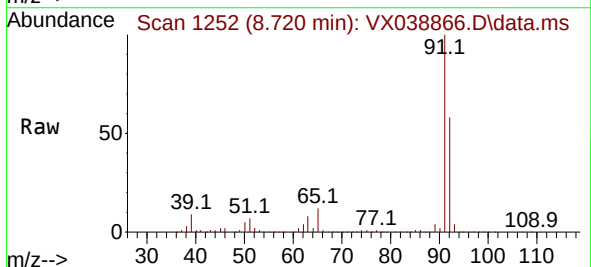
Manual Integrations
APPROVED

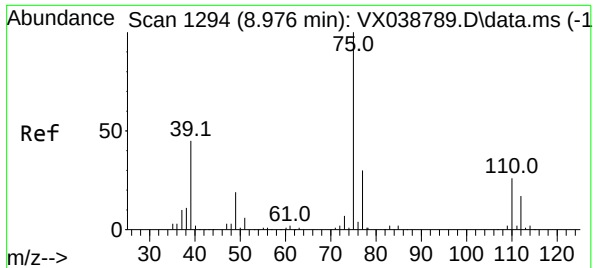
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 48.498 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 92 Resp: 251959
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 47.386 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

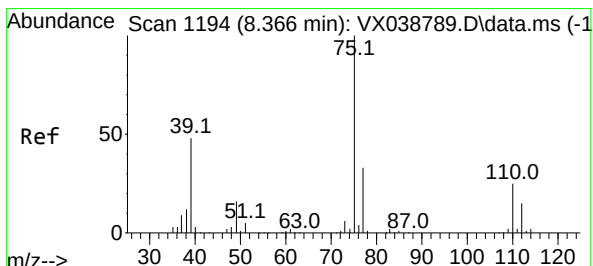
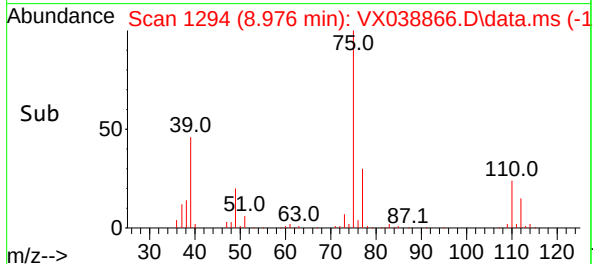
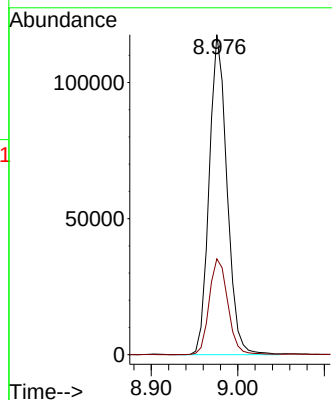
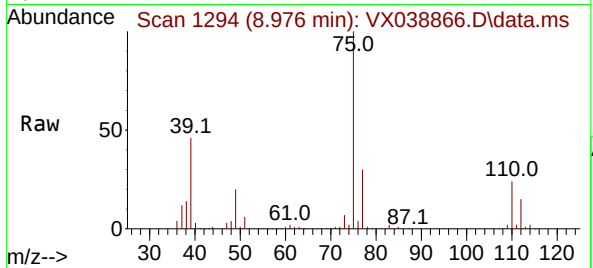
VSTDCCC050EC

Tgt Ion: 75 Resp: 167923
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5

Manual Integrations

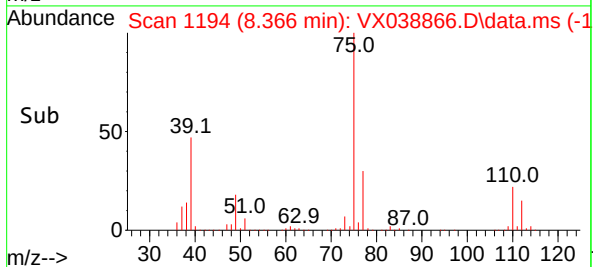
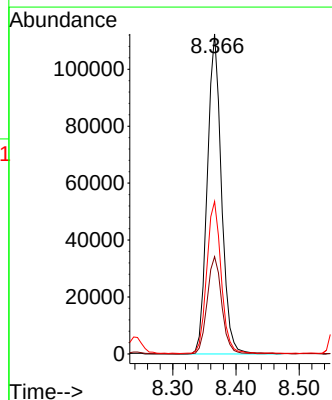
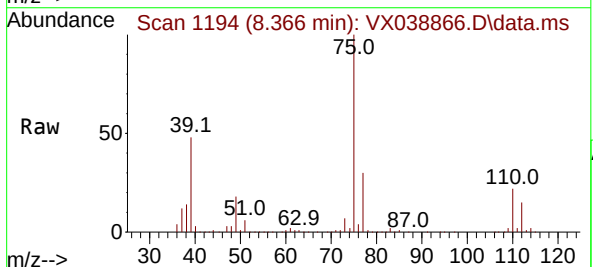
APPROVED

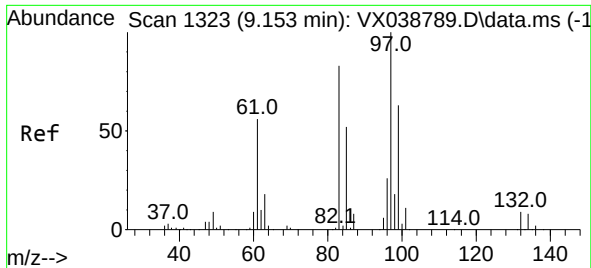
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 47.866 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 75 Resp: 175211
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.072 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 106370

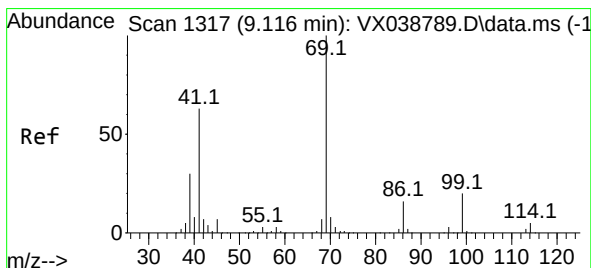
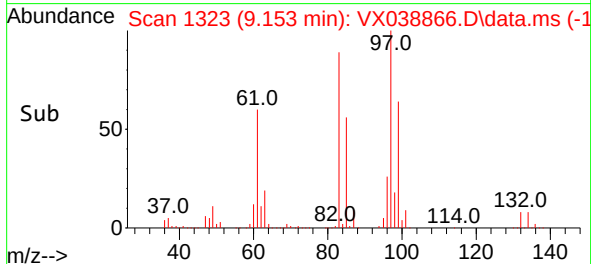
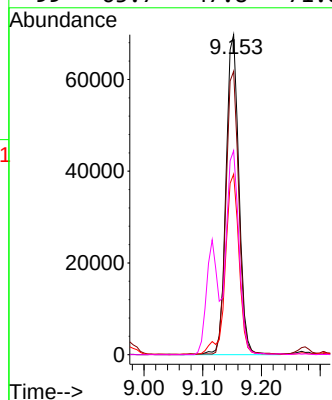
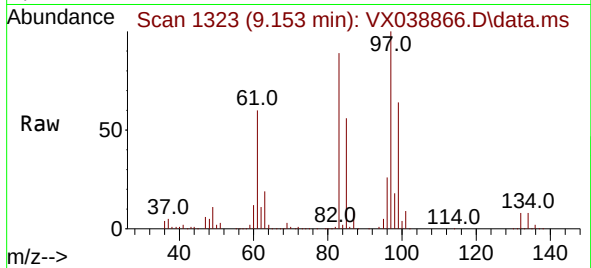
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	56.3	41.6	62.4
99	63.7	47.8	71.8

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

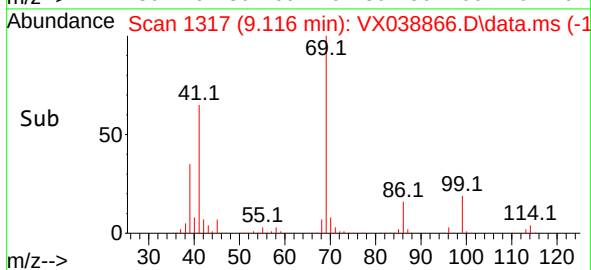
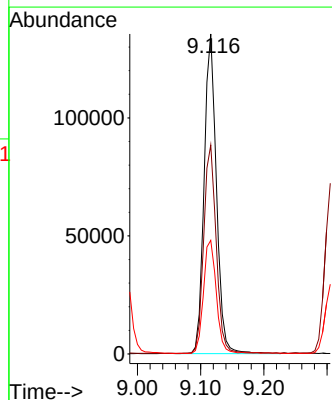
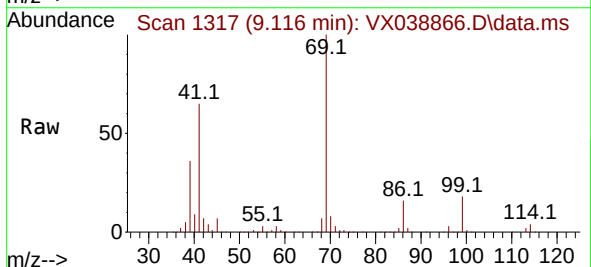
Supervised By :Mahesh Dadoda 11/17/2023

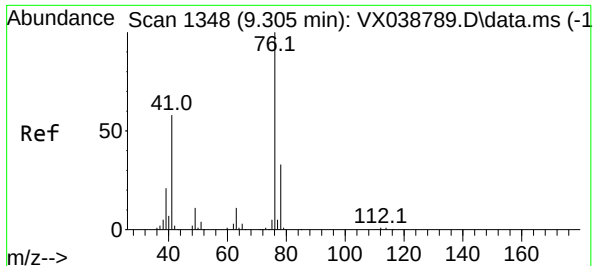


#56
Ethyl methacrylate
Concen: 50.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion: 69 Resp: 183487

Ion	Ratio	Lower	Upper
69	100		
41	66.8	56.8	85.2
39	36.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.493 ug/l

RT: 9.305 min Scan# 117430

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 177430

Ion Ratio Lower Upper

76 100

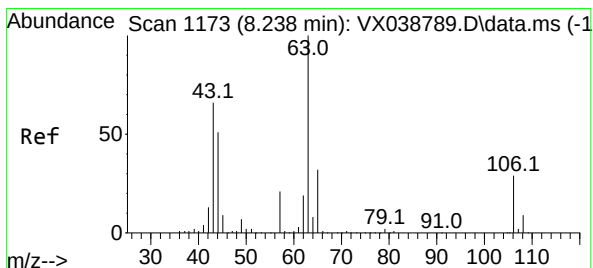
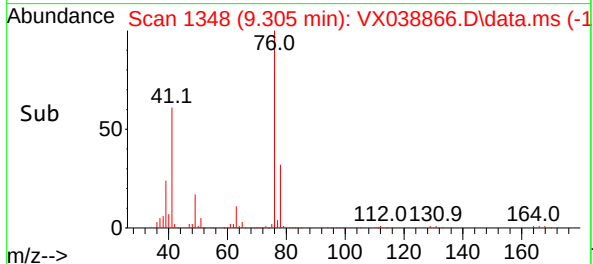
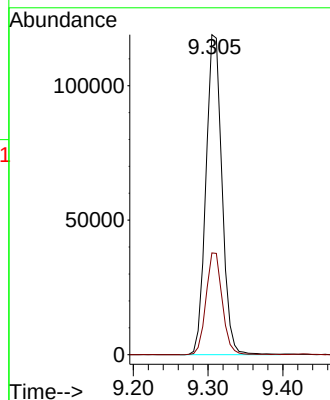
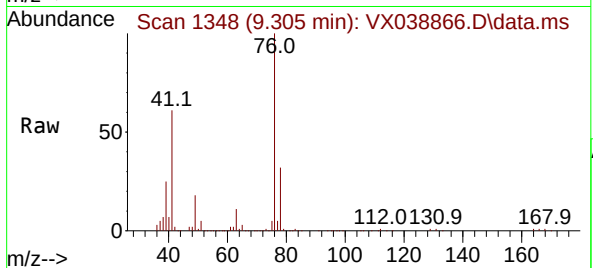
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.689 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038866.D

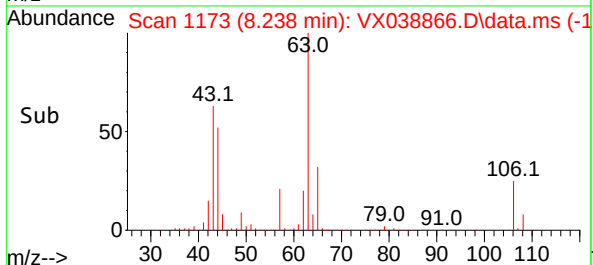
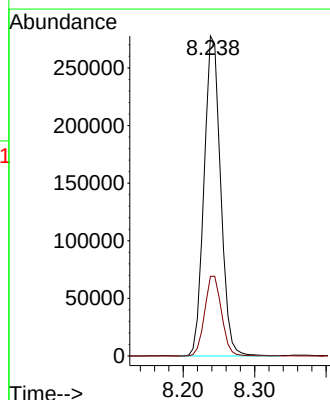
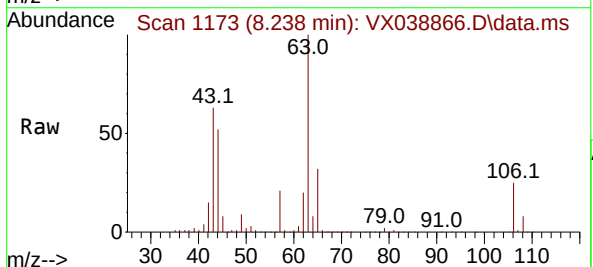
Acq: 17 Nov 2023 02:18

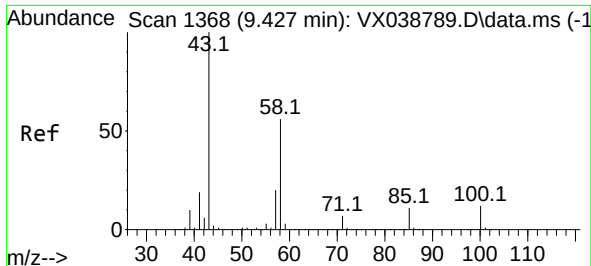
Tgt Ion: 63 Resp: 447119

Ion Ratio Lower Upper

63 100

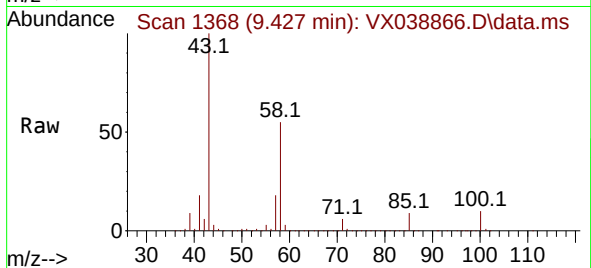
106 25.5 22.5 33.7





#59
2-Hexanone
Concen: 256.646 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

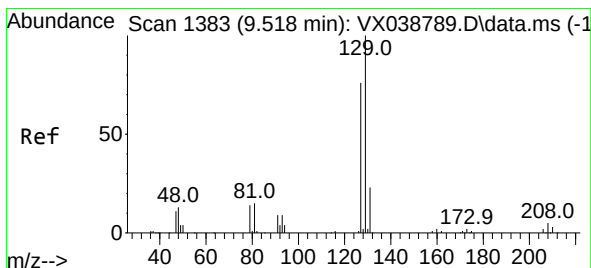
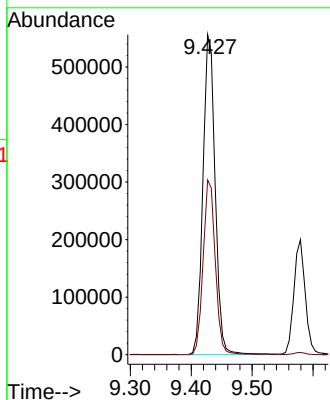
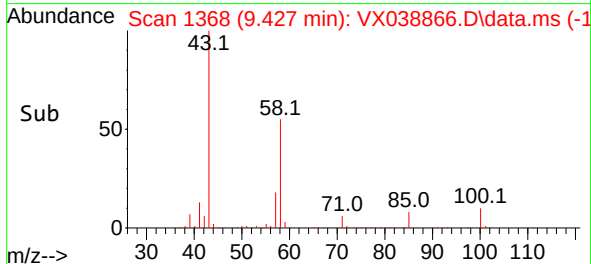
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 774770
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

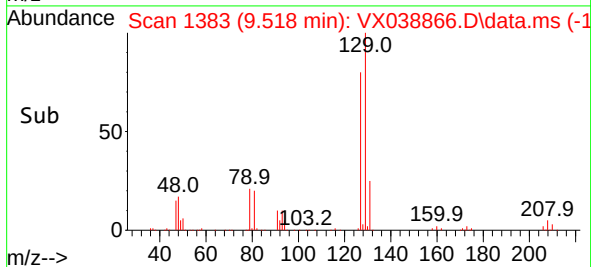
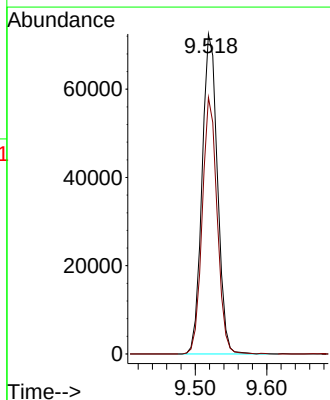
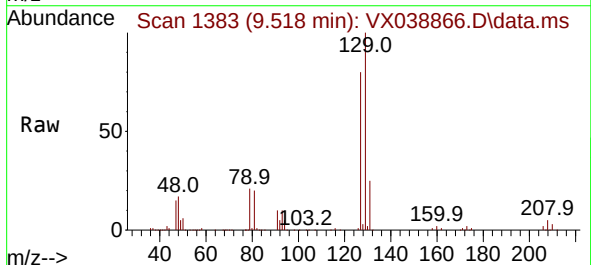
Manual Integrations
APPROVED

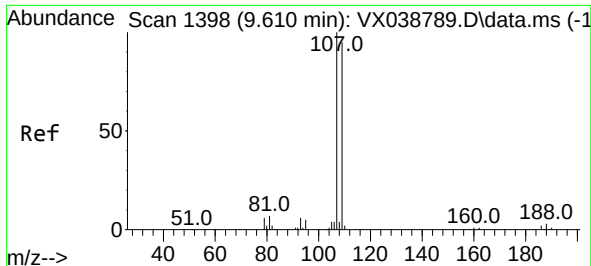
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 49.273 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

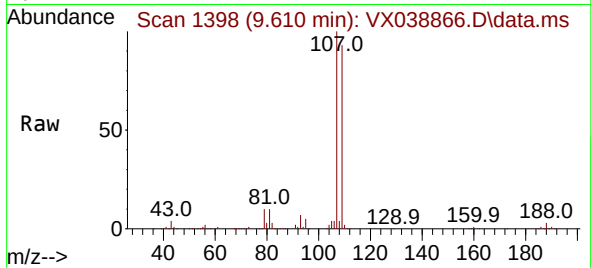
Tgt Ion:129 Resp: 108606
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.625 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

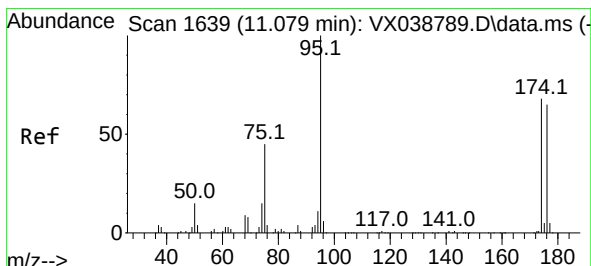
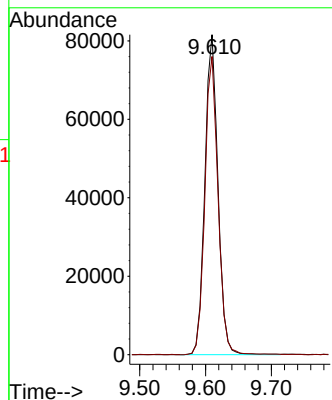
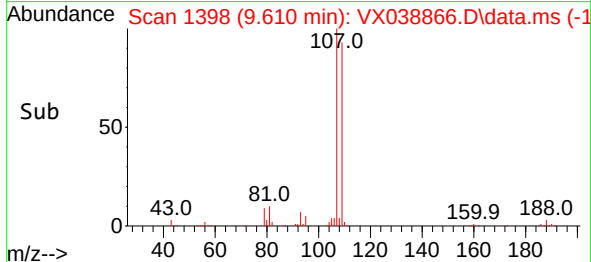
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



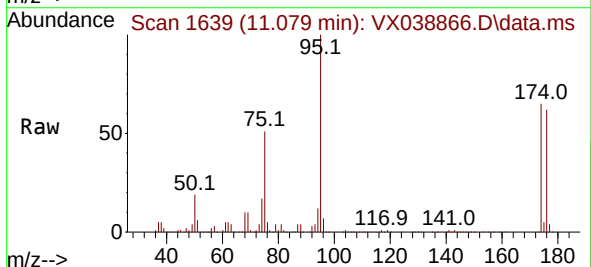
Tgt Ion:107 Resp: 11288
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

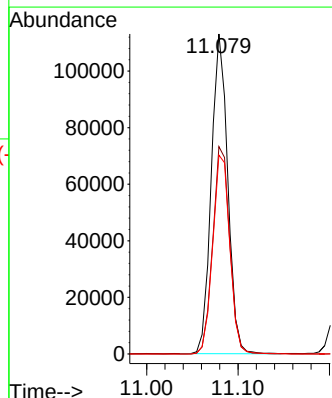
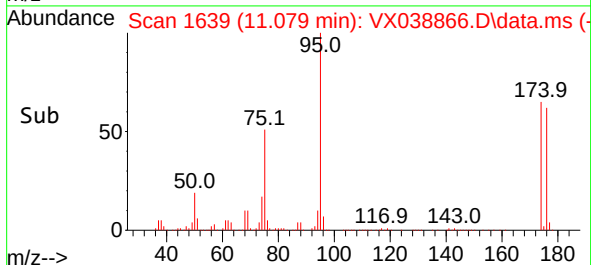
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

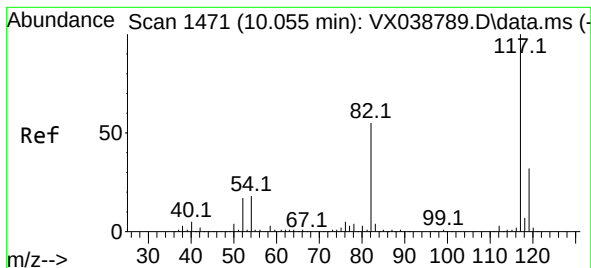


#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



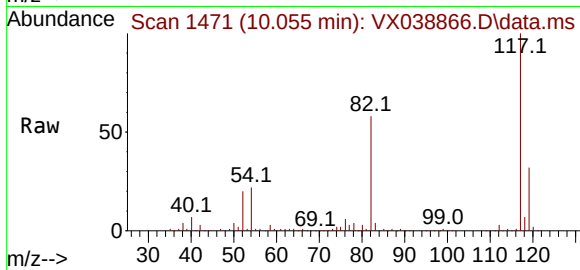
Tgt Ion: 95 Resp: 140525
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

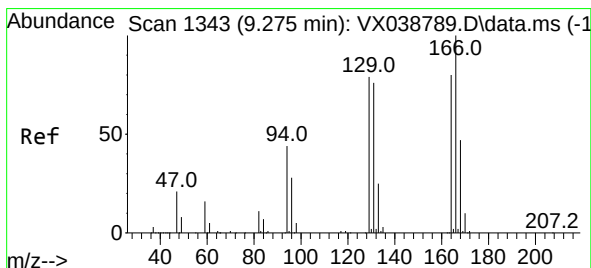
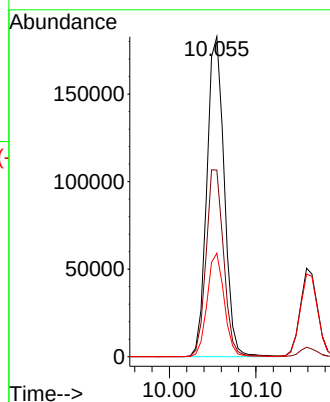
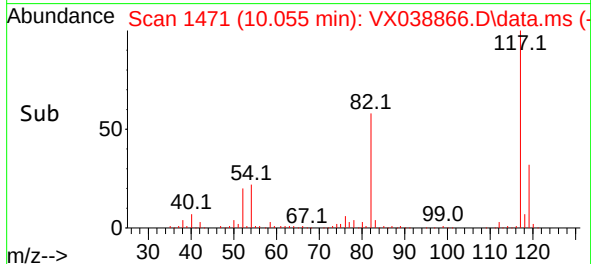
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 254772
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.3 25.5 38.3

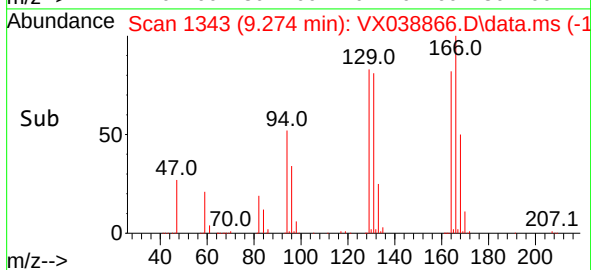
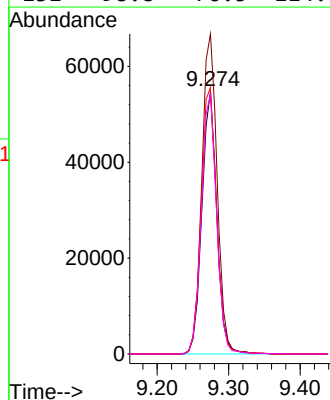
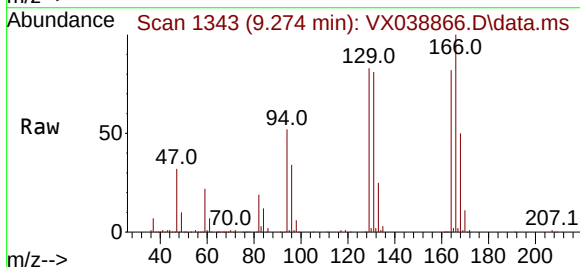
Manual Integrations
APPROVED

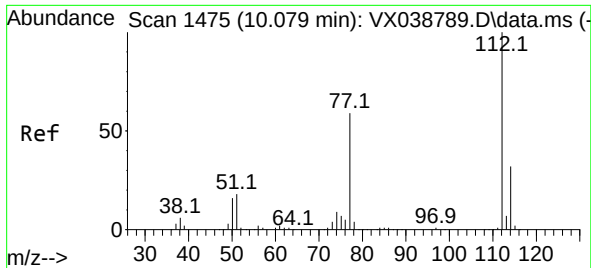
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 50.213 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:164 Resp: 79518
Ion Ratio Lower Upper
164 100
166 121.8 102.7 154.1
129 101.4 80.4 120.6
131 98.8 76.5 114.7





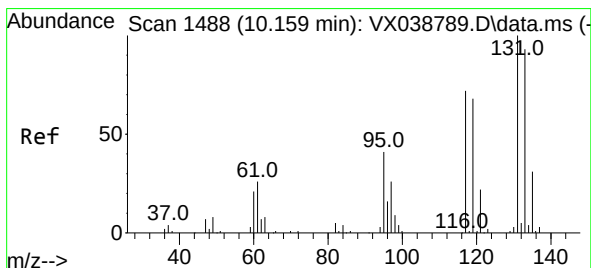
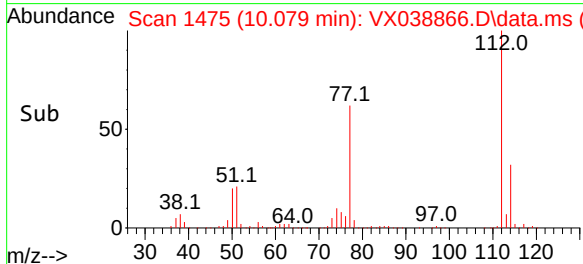
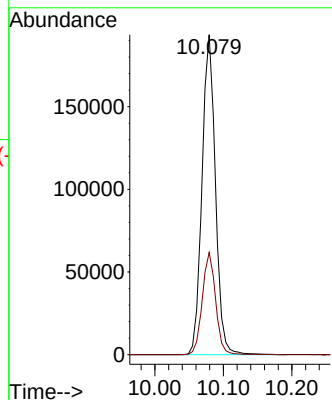
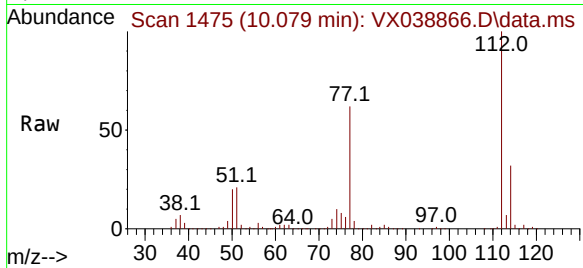
#65
Chlorobenzene
Concen: 48.108 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 264020
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

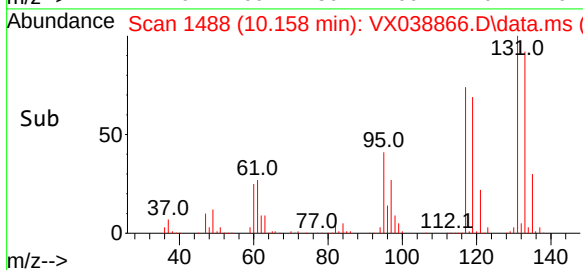
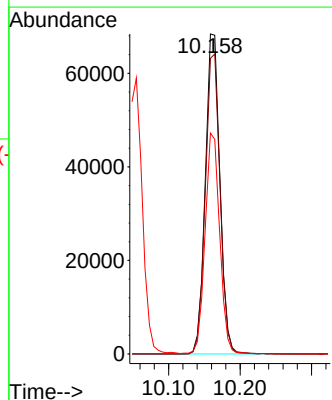
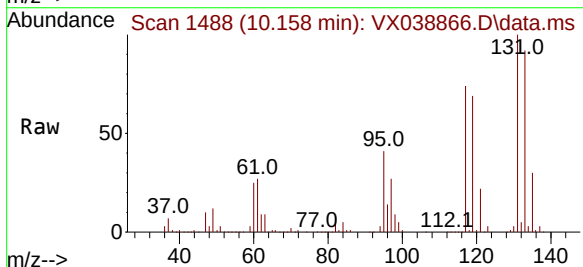
Manual Integrations
APPROVED

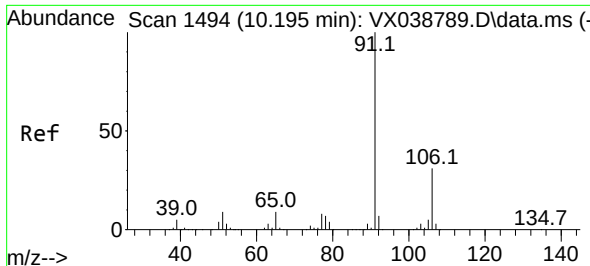
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.243 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

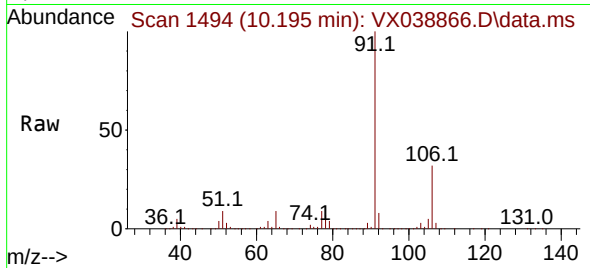
Tgt Ion:131 Resp: 97214
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 69.2 32.2 96.6





#67
Ethyl Benzene
Concen: 49.058 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

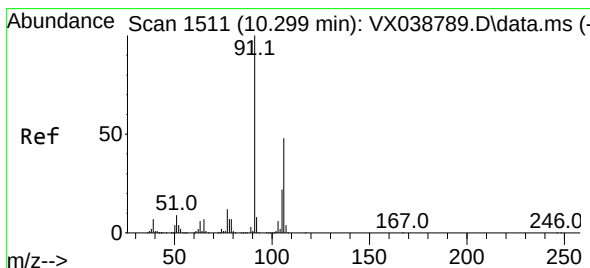
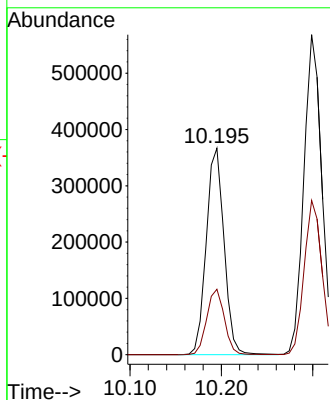
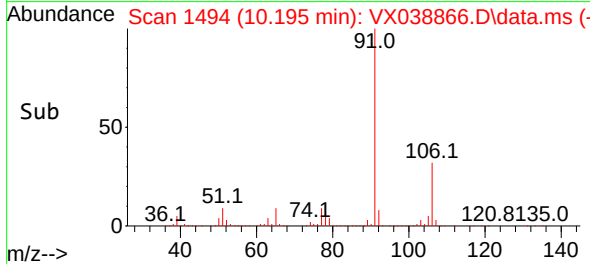
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



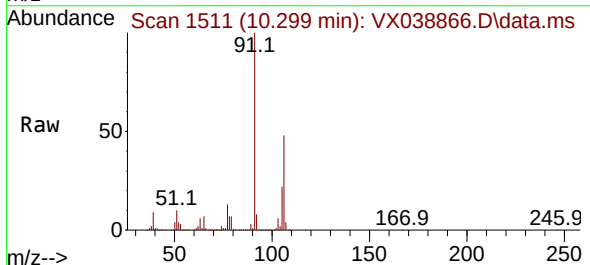
Tgt Ion: 91 Resp: 494658
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

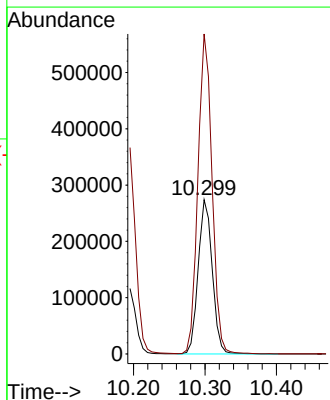
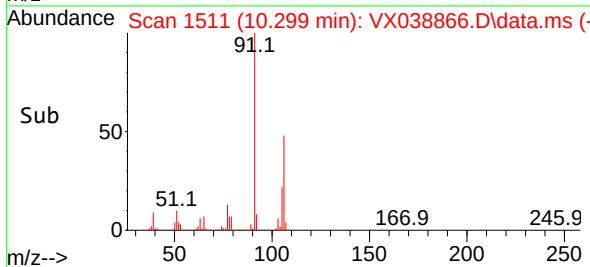
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

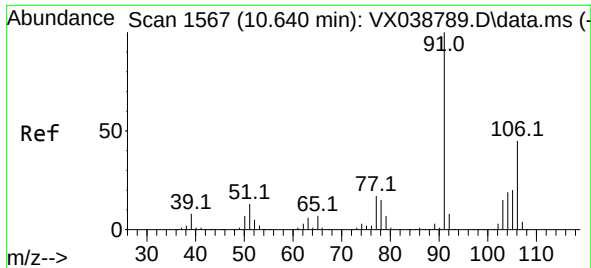


#68
m/p-Xylenes
Concen: 98.120 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



Tgt Ion:106 Resp: 374244
Ion Ratio Lower Upper
106 100
91 207.5 165.5 248.3





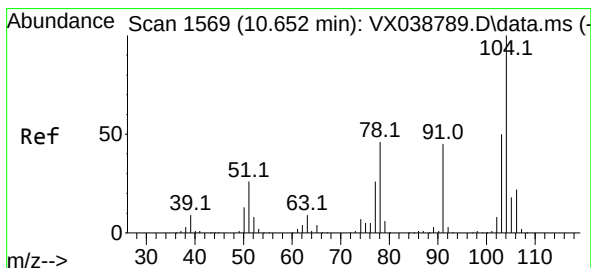
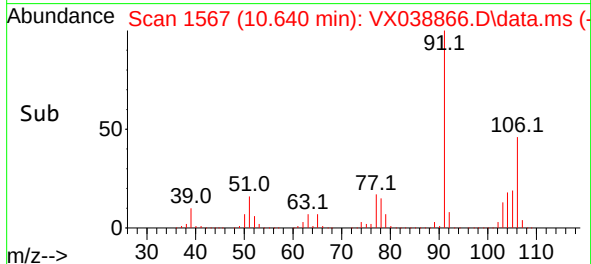
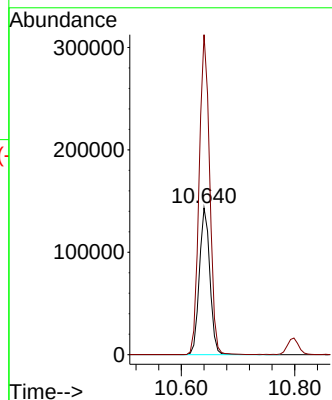
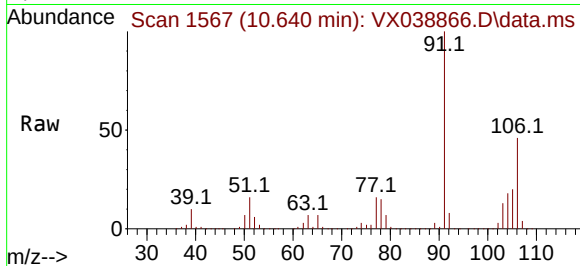
#69
o-Xylene
Concen: 48.809 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 184209
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.8

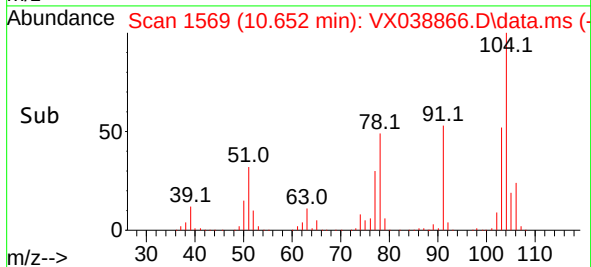
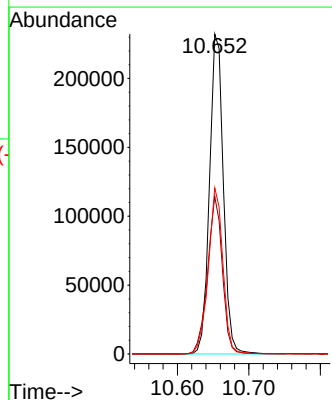
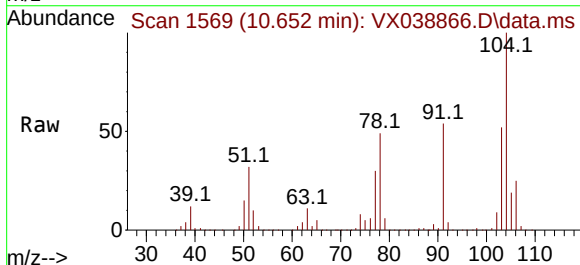
Manual Integrations
APPROVED

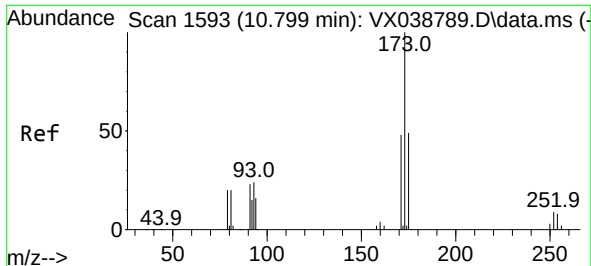
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 49.091 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

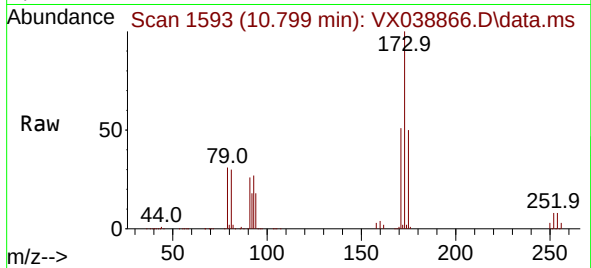
Tgt Ion:104 Resp: 312896
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 54.6 43.6 65.4





#71
Bromoform
Concen: 50.031 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

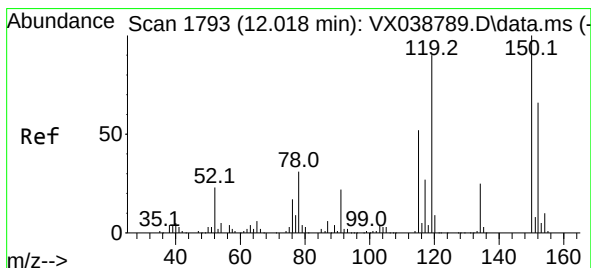
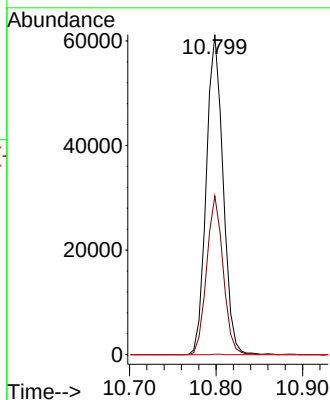
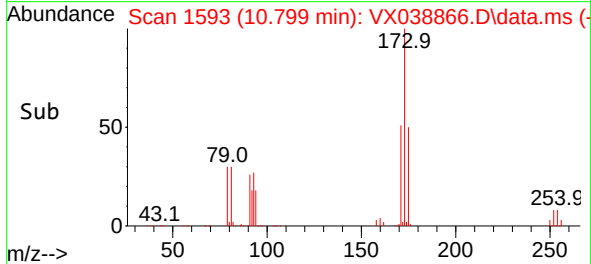
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 82338
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.0 0.0

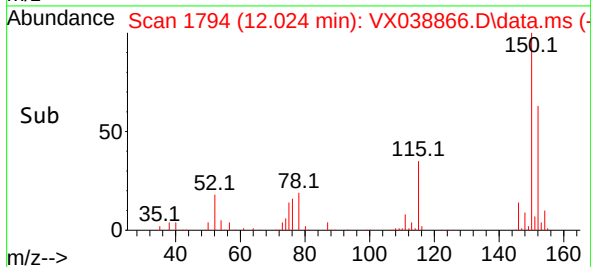
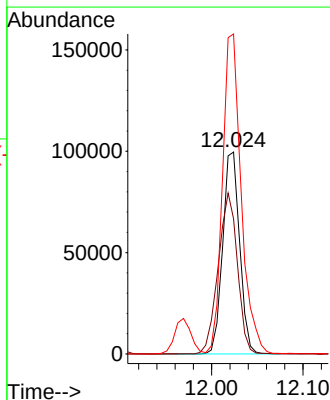
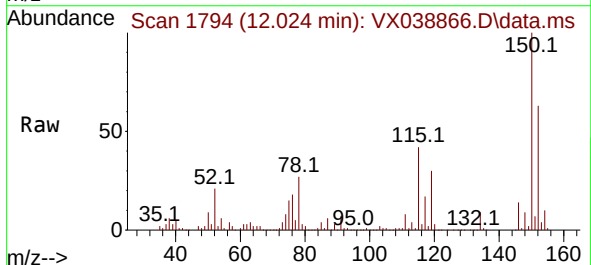
Manual Integrations
APPROVED

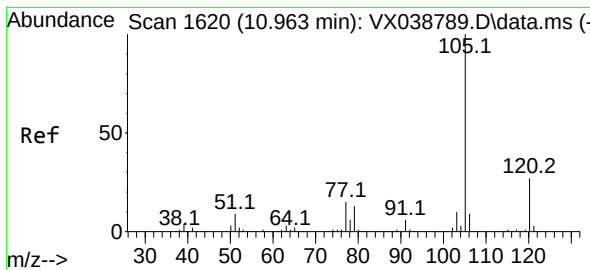
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:152 Resp: 128301
Ion Ratio Lower Upper
152 100
115 90.0 43.3 129.9
150 174.9 0.0 345.0





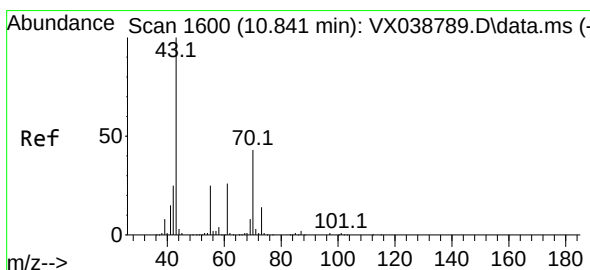
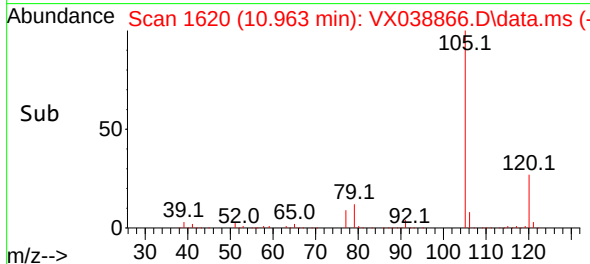
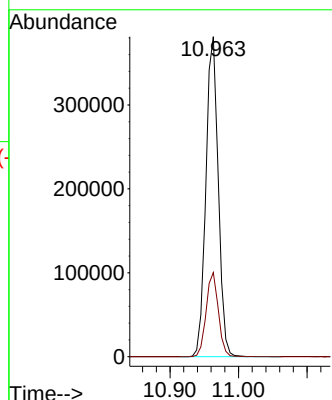
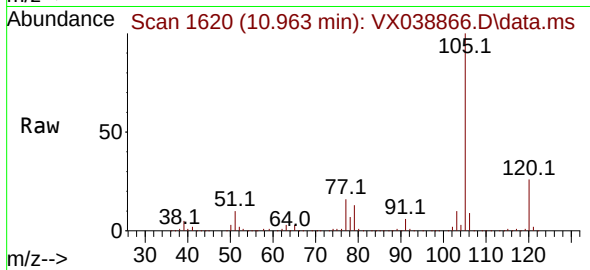
#73
Isopropylbenzene
Concen: 47.968 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 479510
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

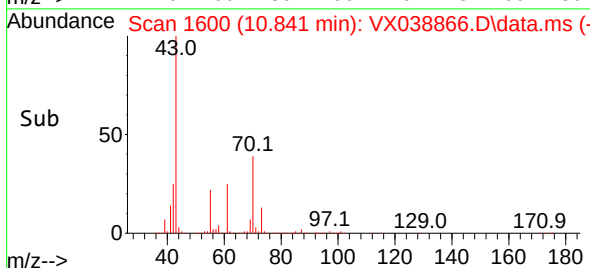
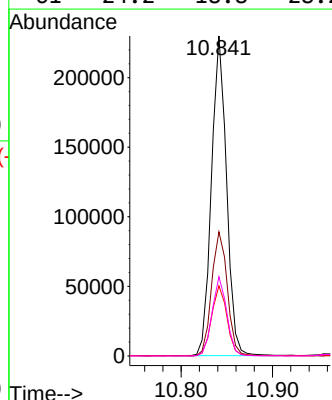
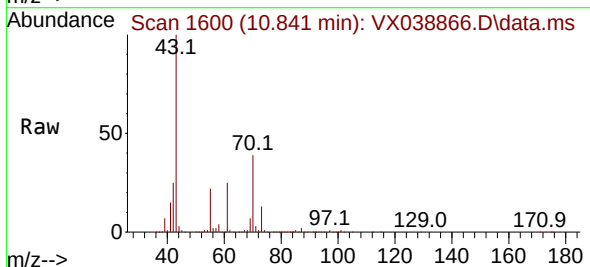
Manual Integrations
APPROVED

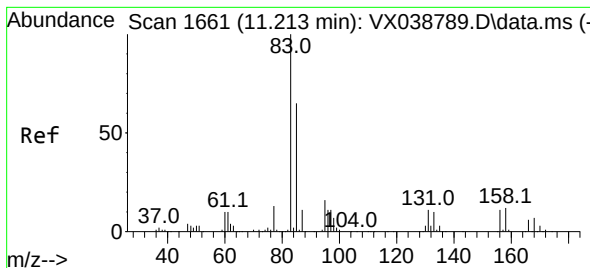
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 49.572 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

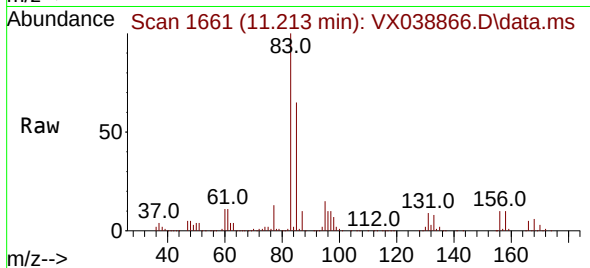
Tgt Ion: 43 Resp: 261954
Ion Ratio Lower Upper
43 100
70 40.4 32.9 49.3
55 22.3 19.3 28.9
61 24.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.878 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

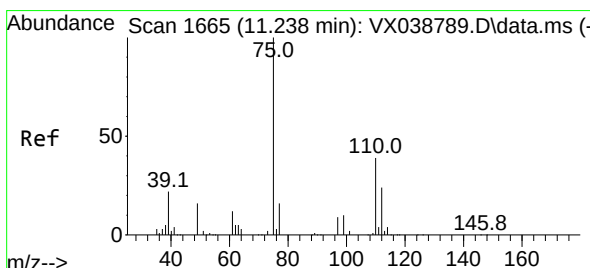
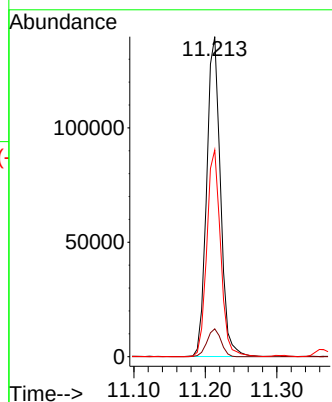
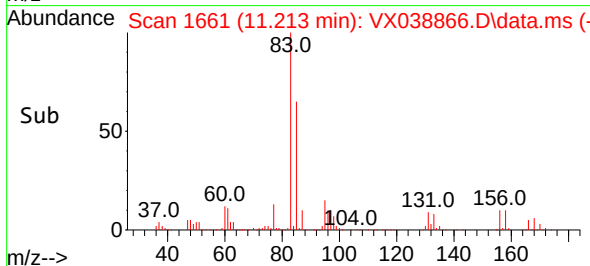
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



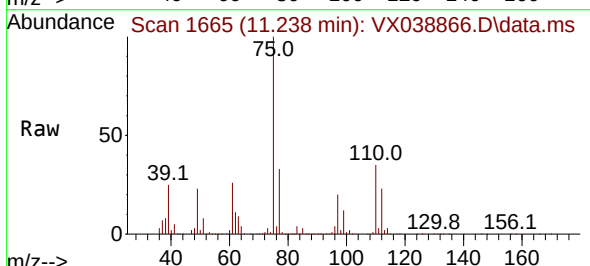
Tgt Ion: 83 Resp: 186832
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 64.8 32.0 96.2

Manual Integrations
APPROVED

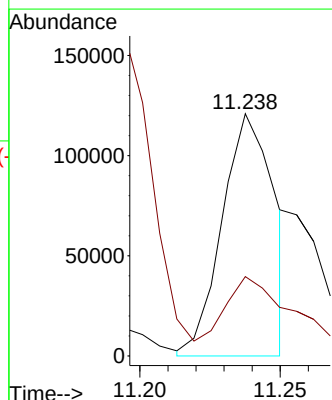
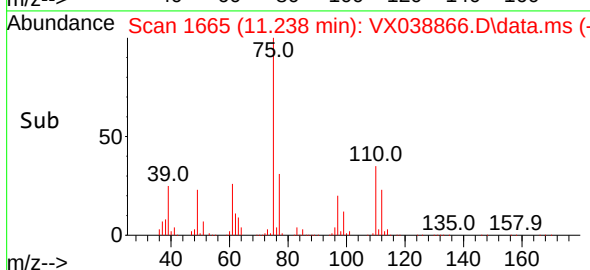
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

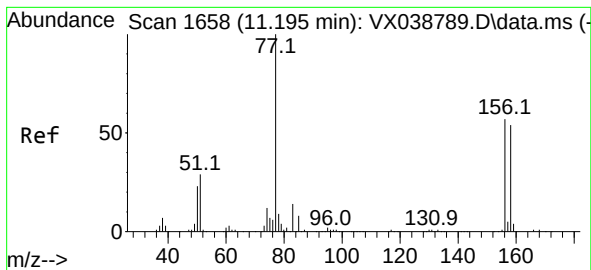


#76
1,2,3-Trichloropropane
Concen: 48.821 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



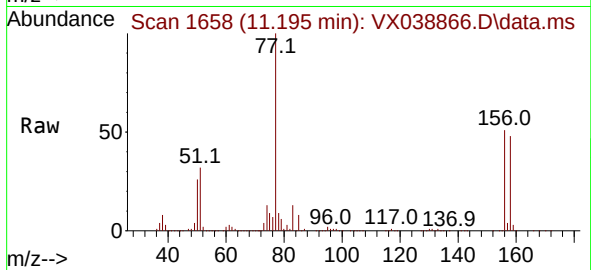
Tgt Ion: 75 Resp: 156279
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5





#77
Bromobenzene
Concen: 47.536 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

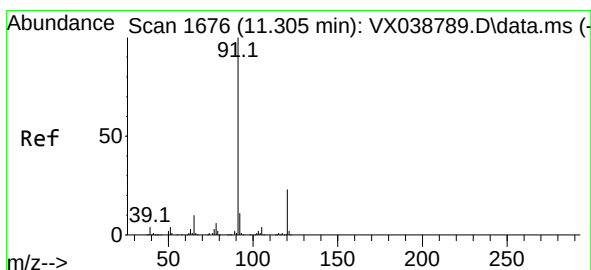
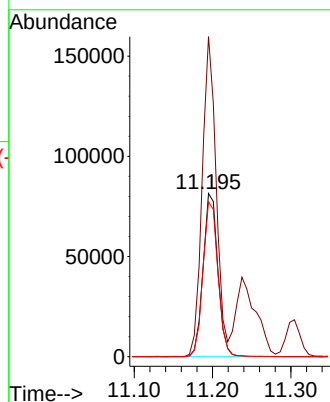
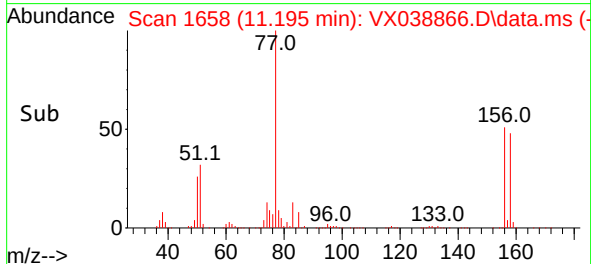
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



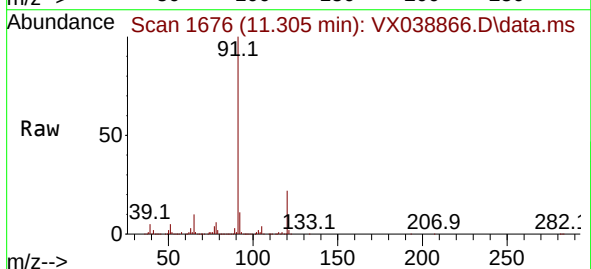
Tgt Ion:156 Resp: 106774
Ion Ratio Lower Upper
156 100
77 185.4 88.4 265.3
158 96.0 48.0 144.0

Manual Integrations
APPROVED

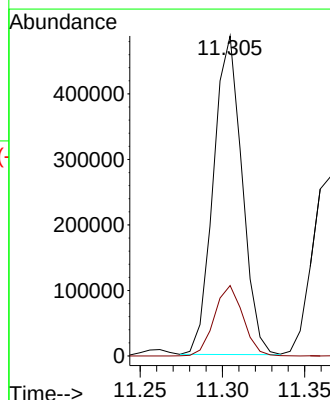
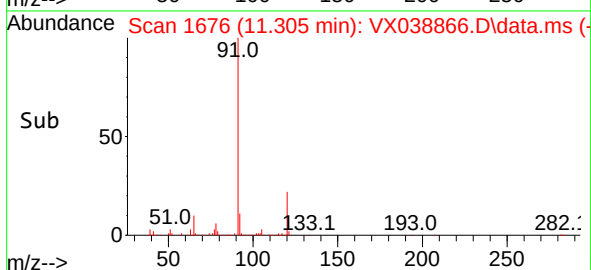
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

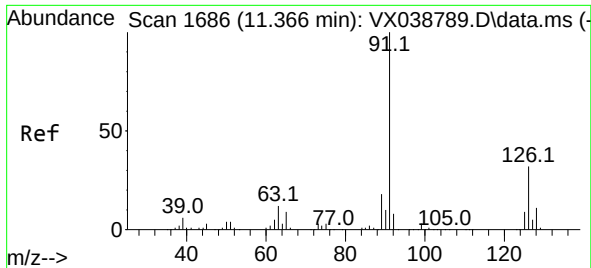


#78
n-propylbenzene
Concen: 47.892 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



Tgt Ion: 91 Resp: 589288
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





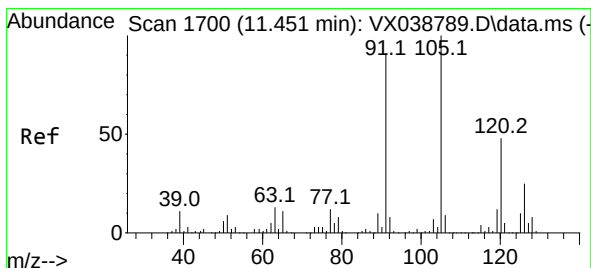
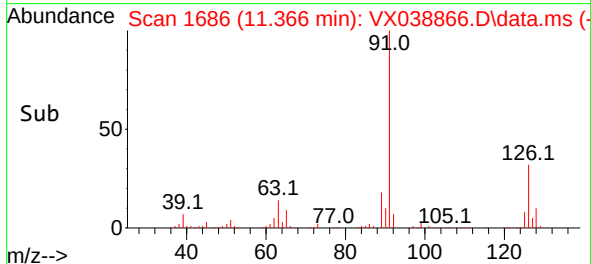
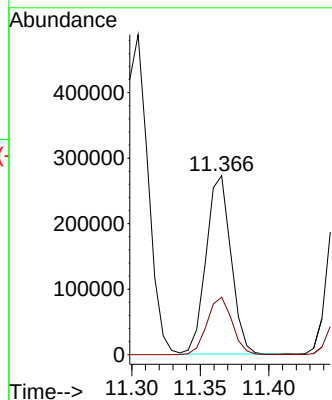
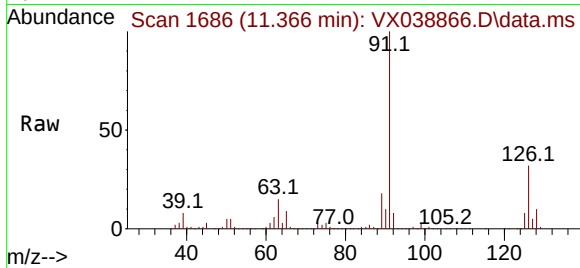
#79
2-Chlorotoluene
Concen: 47.012 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 343294
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

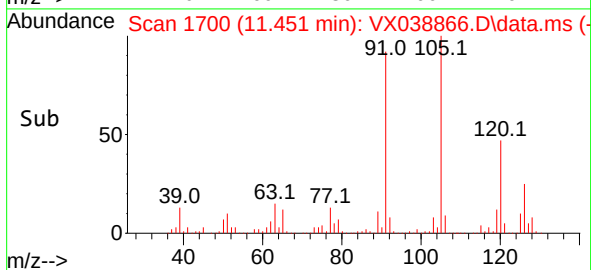
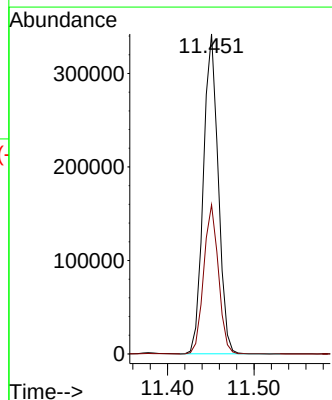
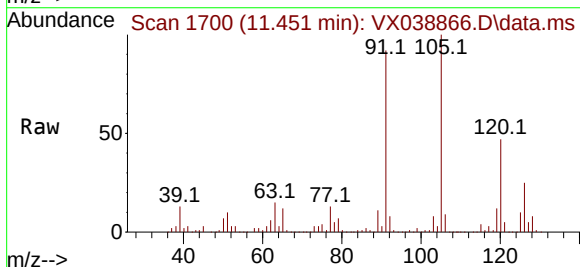
Manual Integrations
APPROVED

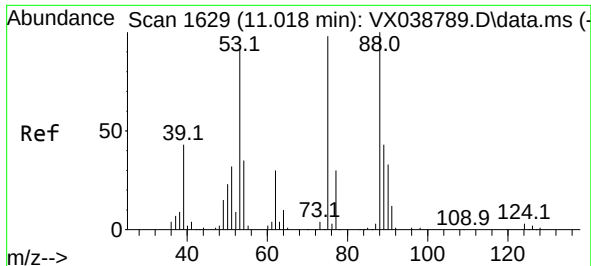
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.404 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:105 Resp: 406848
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





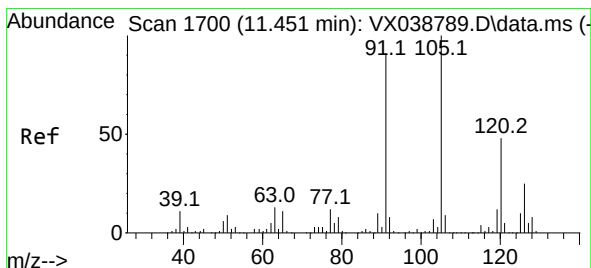
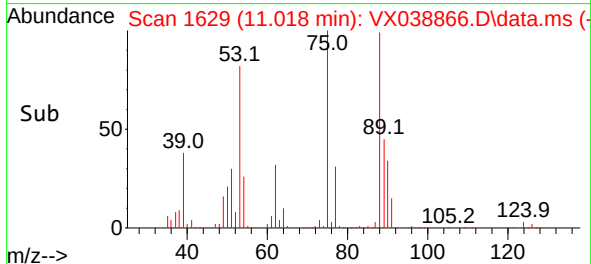
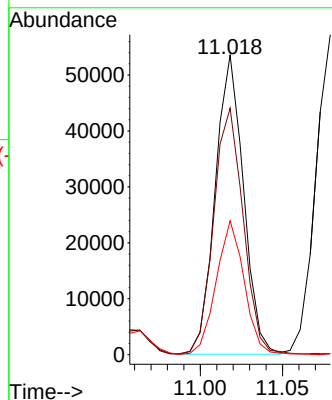
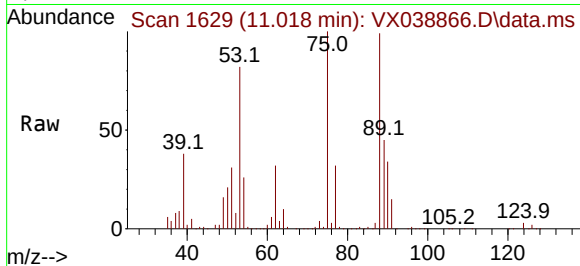
#81
trans-1,4-Dichloro-2-butene
Concen: 44.253 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 63864
Ion Ratio Lower Upper
75 100
53 85.8 90.5 135.7
89 44.7 36.9 55.3

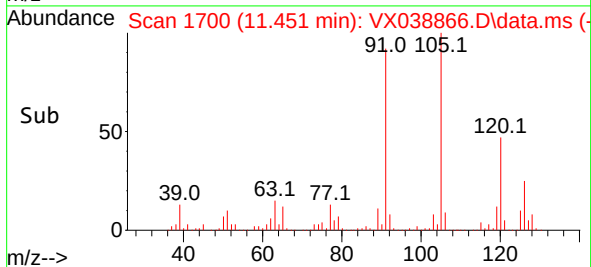
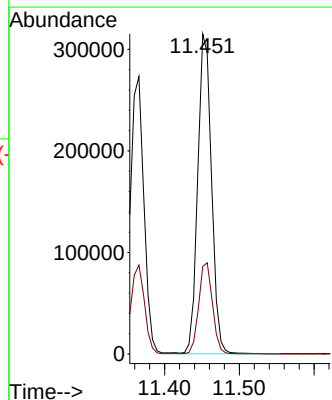
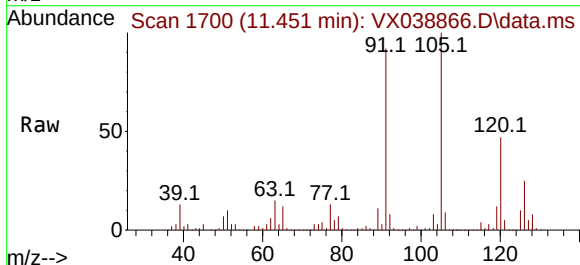
Manual Integrations
APPROVED

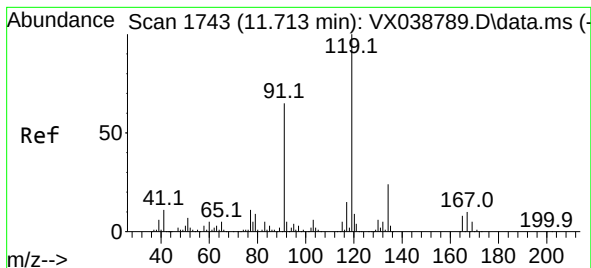
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 47.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

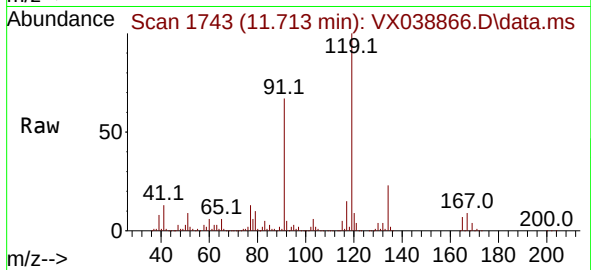
Tgt Ion: 91 Resp: 401789
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 46.904 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

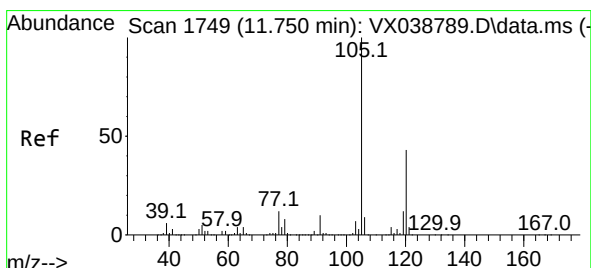
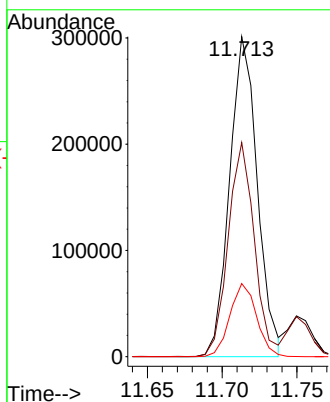
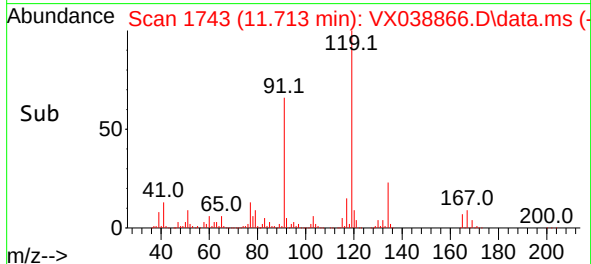
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 38827
Ion Ratio Lower Upper
119 100
91 63.2 31.2 93.6
134 22.0 11.7 35.0

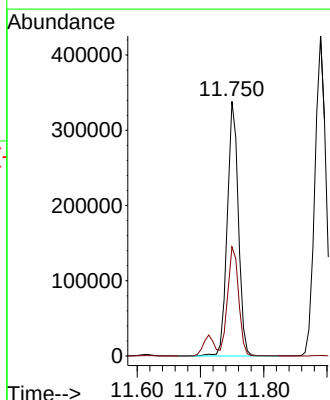
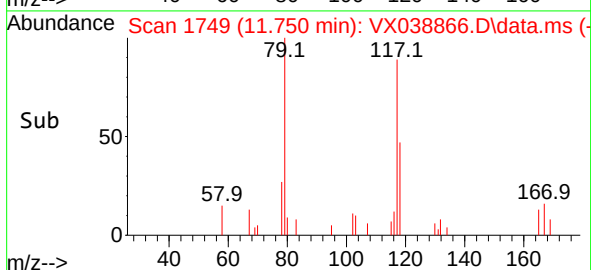
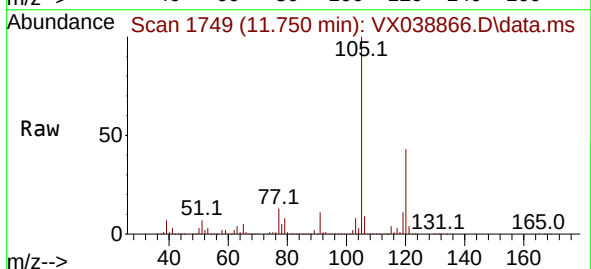
Manual Integrations
APPROVED

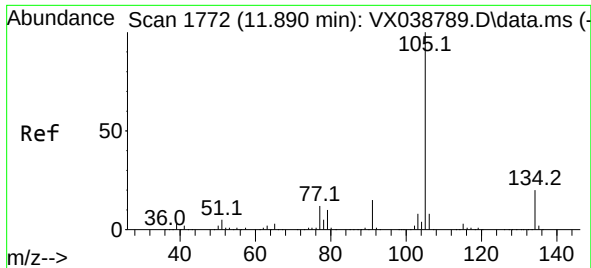
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.223 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:105 Resp: 410257
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.871 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038866.D
 Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

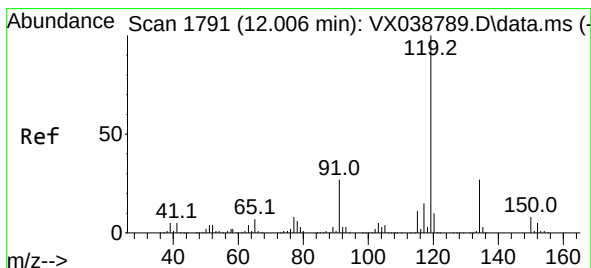
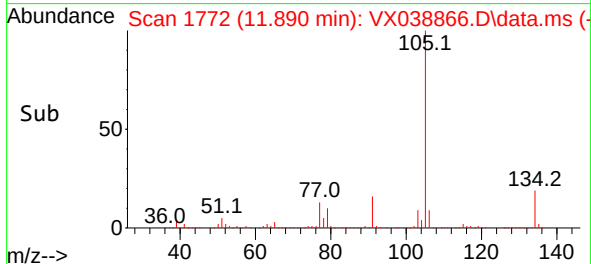
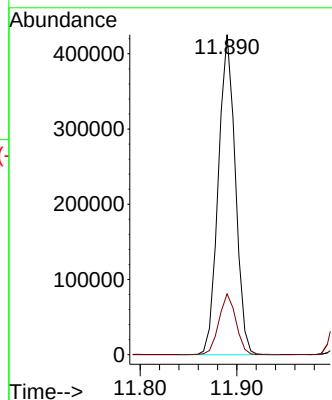
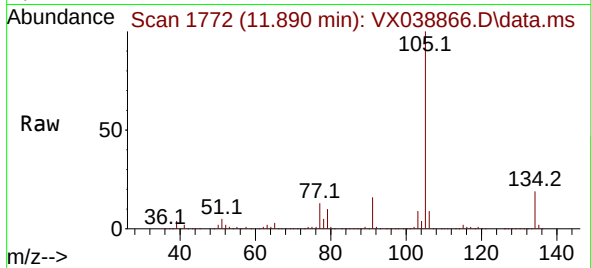
Tgt Ion:105 Resp: 518340
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations

APPROVED

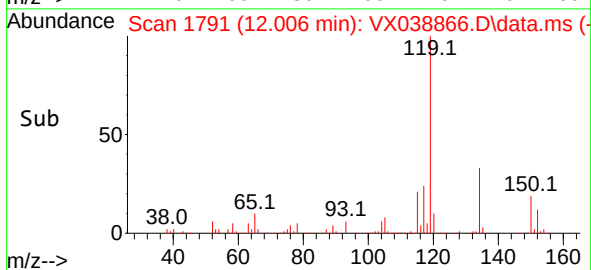
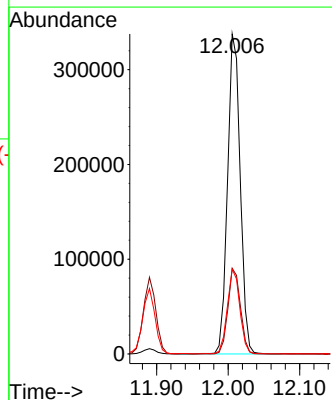
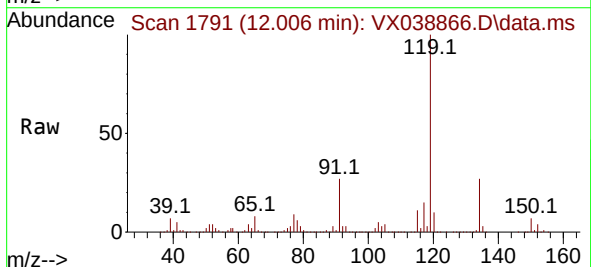
Reviewed By :John Carlone 11/17/2023

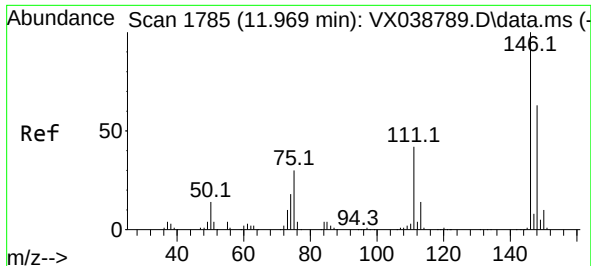
Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 47.741 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038866.D
 Acq: 17 Nov 2023 02:18

Tgt Ion:119 Resp: 414971
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.838 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 210410

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.1

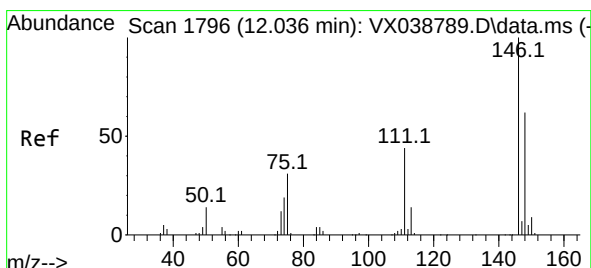
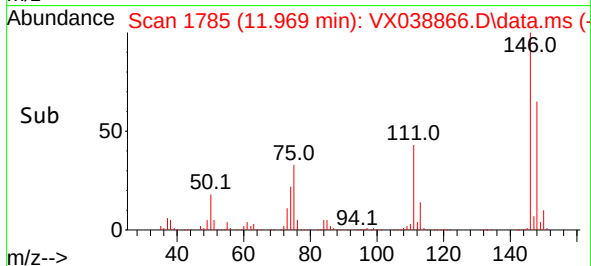
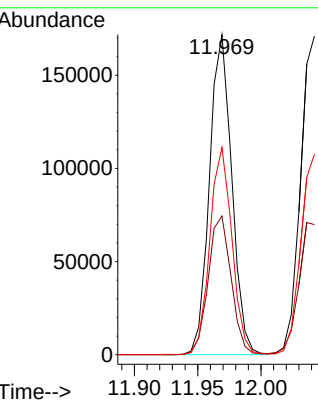
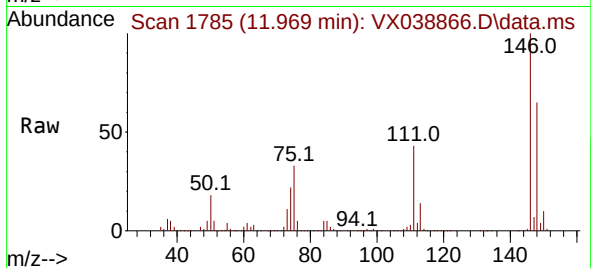
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 47.347 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

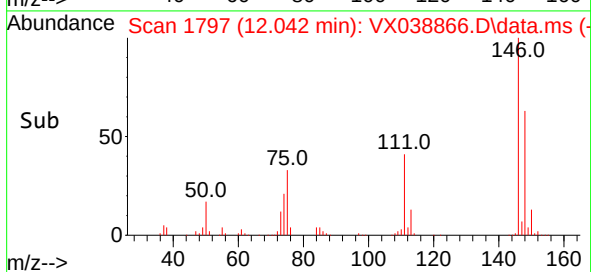
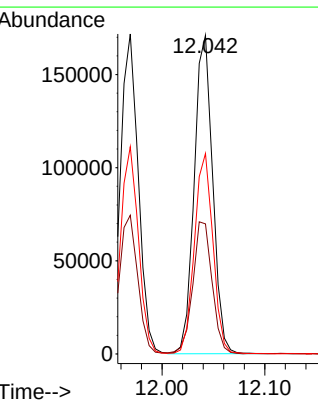
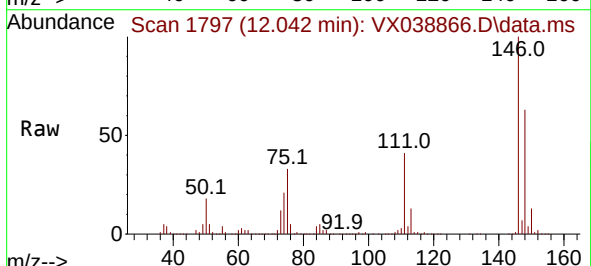
Tgt Ion:146 Resp: 213148

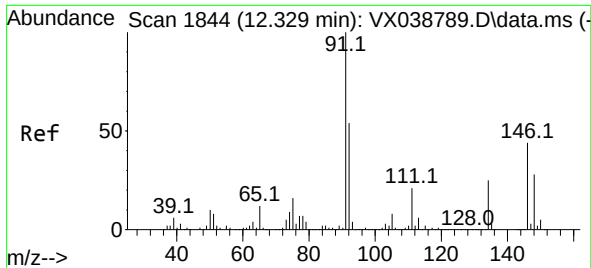
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

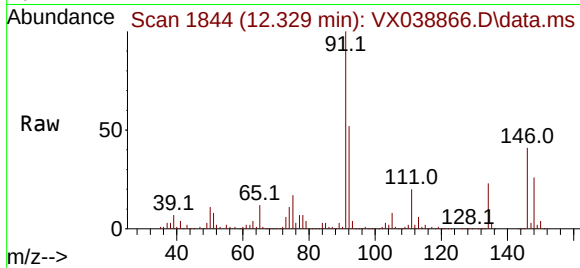
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 46.916 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

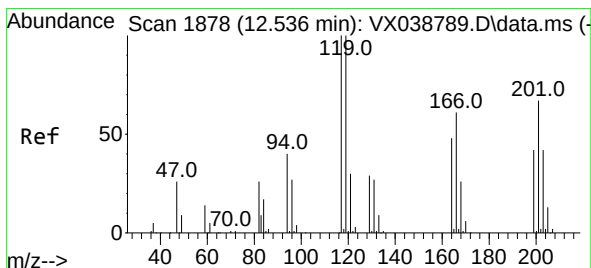
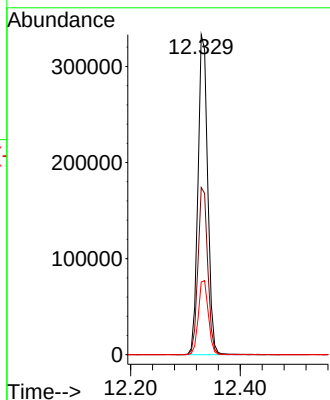
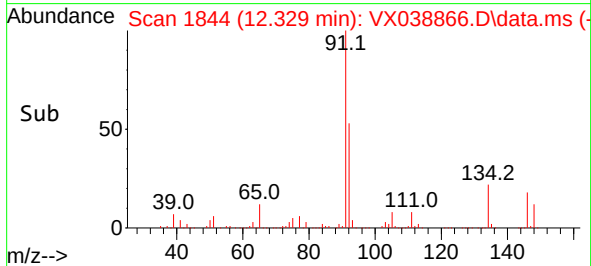
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 41144
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 23.7 12.6 37.8

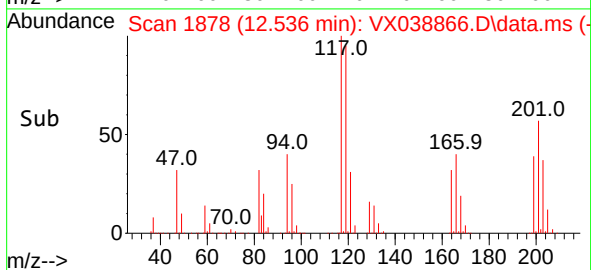
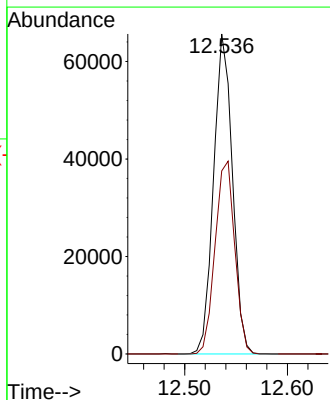
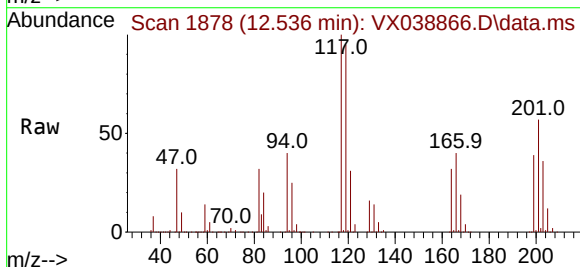
Manual Integrations
APPROVED

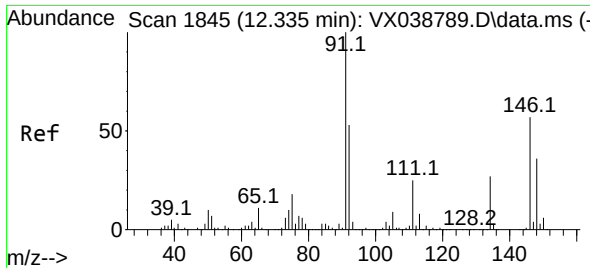
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 48.041 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Tgt Ion:117 Resp: 83390
Ion Ratio Lower Upper
117 100
201 62.9 32.9 98.6





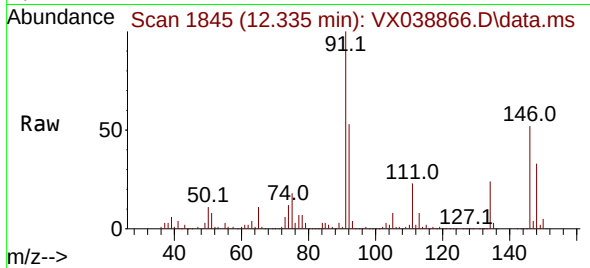
#91
1,2-Dichlorobenzene
Concen: 49.367 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



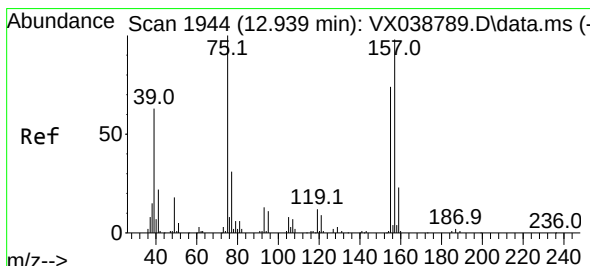
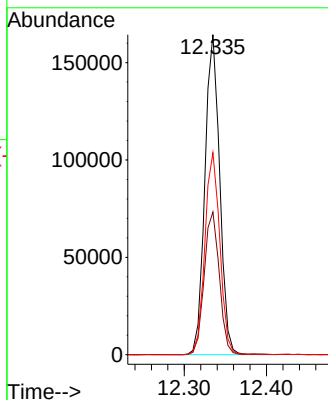
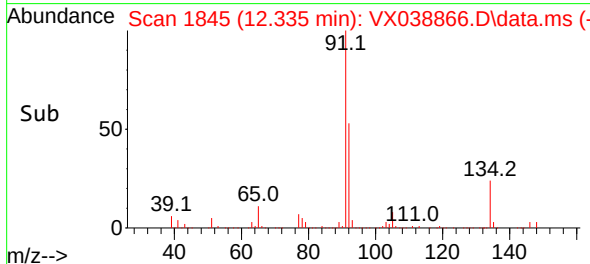
Tgt Ion:146 Resp: 20595
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations

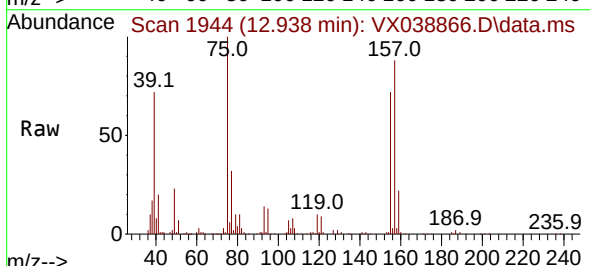
APPROVED

Reviewed By :John Carlone 11/17/2023

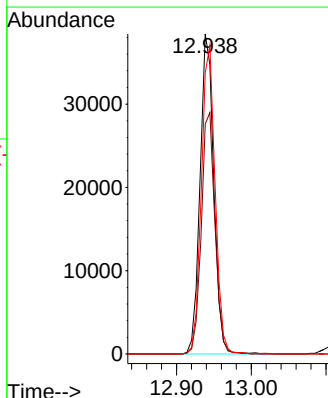
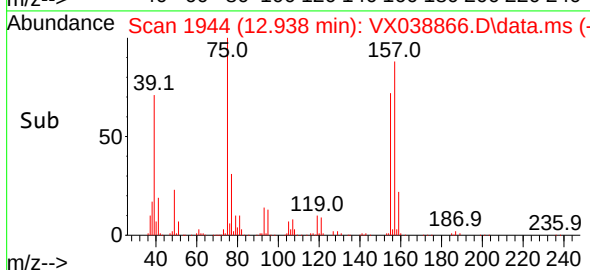
Supervised By :Mahesh Dadoda 11/17/2023

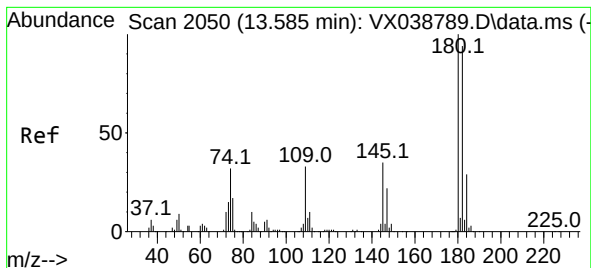


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.234 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



Tgt Ion: 75 Resp: 48983
Ion Ratio Lower Upper
75 100
155 75.2 36.1 108.5
157 96.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.042 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

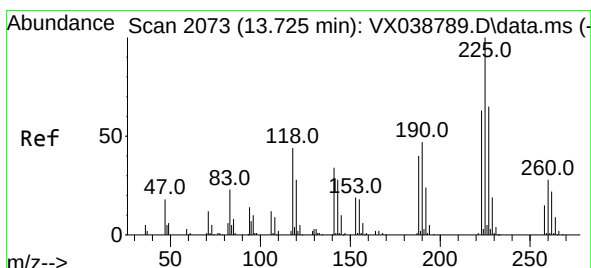
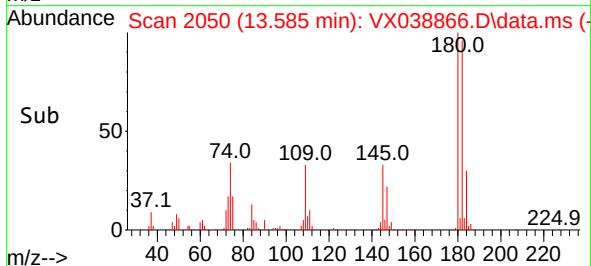
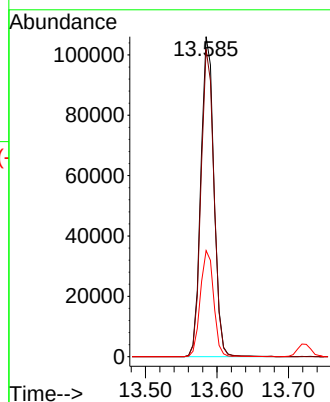
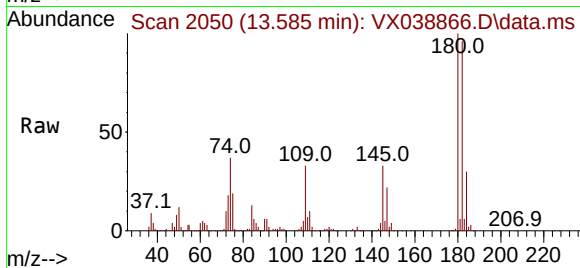
Tgt Ion:180	Resp:	134308
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	33.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 45.826 ug/l

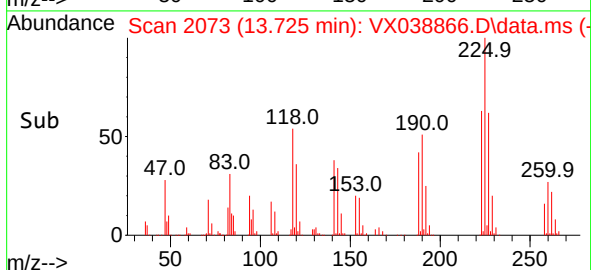
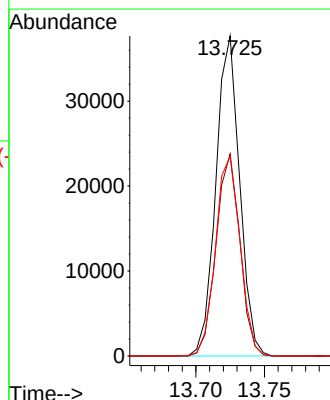
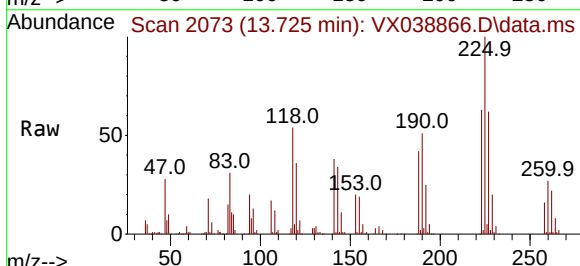
RT: 13.725 min Scan# 2073

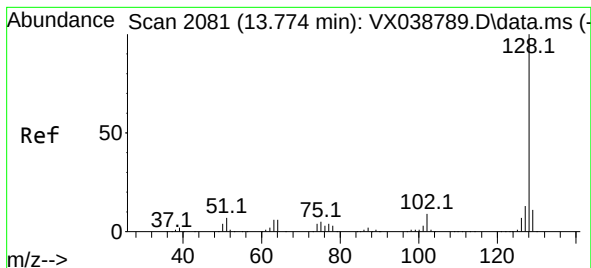
Delta R.T. -0.000 min

Lab File: VX038866.D

Acq: 17 Nov 2023 02:18

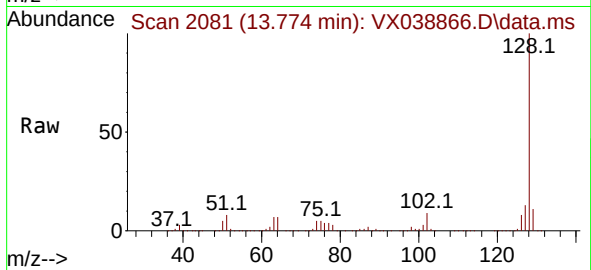
Tgt Ion:225	Resp:	45369
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.1 93.2
227	64.5	32.5 97.5





#95
Naphthalene
Concen: 48.877 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18

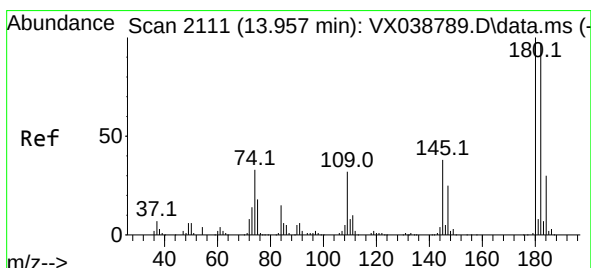
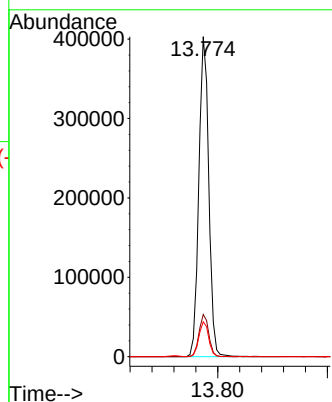
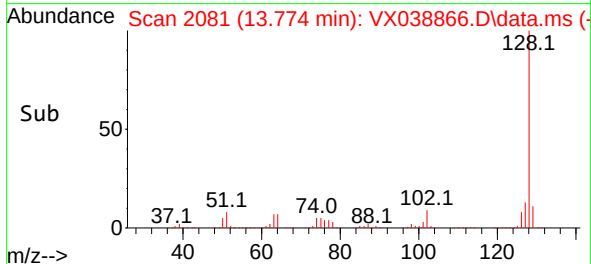
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



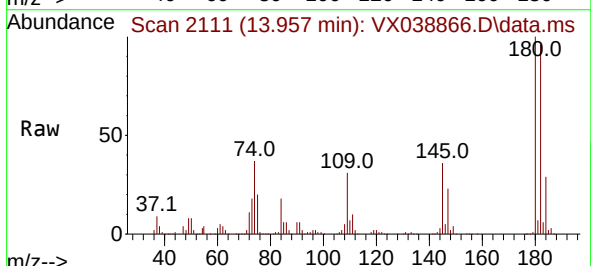
Tgt Ion:128 Resp: 508907
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.413 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX038866.D
Acq: 17 Nov 2023 02:18



Tgt Ion:180 Resp: 130953
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 35.8 17.8 53.5

