

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038669.D
 Acq On : 09 Nov 2023 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 03:32:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	341656	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	511412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	284641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205172	48.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.379	113	184252	50.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.040%		
50) Toluene-d8	8.647	98	669120	50.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.079	95	262748	51.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	190869	53.796	ug/l	99
3) Chloromethane	1.295	50	147963	48.248	ug/l	98
4) Vinyl Chloride	1.374	62	168668	51.664	ug/l	99
5) Bromomethane	1.599	94	127943	50.774	ug/l	98
6) Chloroethane	1.685	64	106073	51.314	ug/l	99
7) Trichlorofluoromethane	1.886	101	308418	54.797	ug/l	100
8) Diethyl Ether	2.130	74	99716	51.609	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	180657	54.285	ug/l	90
10) Methyl Iodide	2.453	142	241152	58.673	ug/l	92
11) Tert butyl alcohol	2.953	59	215847	248.235	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	166559	52.237	ug/l #	80
13) Acrolein	2.233	56	166013	251.903	ug/l	100
14) Allyl chloride	2.660	41	234095	51.258	ug/l #	95
15) Acrylonitrile	3.056	53	474750	258.711	ug/l	99
16) Acetone	2.374	43	497095	277.496	ug/l	92
17) Carbon Disulfide	2.508	76	433641	51.184	ug/l	99
18) Methyl Acetate	2.697	43	392547	51.435	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	542030	53.159	ug/l	96
20) Methylene Chloride	2.788	84	182591	50.563	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	184205	53.066	ug/l	84
22) Diisopropyl ether	3.757	45	456204	53.001	ug/l #	83
23) Vinyl Acetate	3.715	43	1677765	274.621	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	297284	52.204	ug/l	97
25) 2-Butanone	4.550	43	677202	260.963	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	271522	54.608	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	212203	52.939	ug/l	85
28) Bromochloromethane	4.891	49	133466	52.152	ug/l #	57
29) Tetrahydrofuran	4.995	42	415742	257.498	ug/l #	81
30) Chloroform	5.087	83	343522	51.413	ug/l	100
31) Cyclohexane	5.471	56	247999	52.681	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	315123	53.591	ug/l	95
36) 1,1-Dichloropropene	5.690	75	248984	54.418	ug/l	95
37) Ethyl Acetate	4.702	43	248038	53.097	ug/l #	94
38) Carbon Tetrachloride	5.672	117	285634	55.843	ug/l	100
39) Methylcyclohexane	7.379	83	311536	54.459	ug/l	89
40) Benzene	6.031	78	704260	53.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	130481	54.826	ug/l #	87
42) 1,2-Dichloroethane	6.080	62	263120	55.334	ug/l	96
43) Isopropyl Acetate	6.330	43	382859	53.310	ug/l #	91
44) Trichloroethene	7.123	130	223940	54.615	ug/l	92
45) 1,2-Dichloropropane	7.428	63	172717	54.215	ug/l	97
46) Dibromomethane	7.580	93	144767	54.337	ug/l #	86
47) Bromodichloromethane	7.818	83	269656	53.818	ug/l	95
48) Methyl methacrylate	7.690	41	191146	55.227	ug/l #	84
49) 1,4-Dioxane	7.653	88	85425	1084.186	ug/l #	84
51) 4-Methyl-2-Pentanone	8.568	43	1258040	268.859	ug/l	91
52) Toluene	8.714	92	476284	55.170	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	290935	57.034	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	307553	57.112	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	202573	55.303	ug/l	98
56) Ethyl methacrylate	9.116	69	292793	57.131	ug/l	86
57) 1,3-Dichloropropane	9.305	76	313112	54.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	712744	282.861	ug/l	90
59) 2-Hexanone	9.427	43	1016102	268.376	ug/l	90
60) Dibromochloromethane	9.519	129	234912	57.129	ug/l	99
61) 1,2-Dibromoethane	9.604	107	225940	54.884	ug/l	98
64) Tetrachloroethene	9.269	164	197724	53.810	ug/l	97
65) Chlorobenzene	10.079	112	549659	55.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	211727	56.362	ug/l	98
67) Ethyl Benzene	10.189	91	940418	55.635	ug/l	98
68) m/p-Xylenes	10.299	106	748887	111.630	ug/l	95
69) o-Xylene	10.640	106	361798	55.457	ug/l	97
70) Styrene	10.653	104	611583	56.801	ug/l	95
71) Bromoform	10.799	173	186768	56.328	ug/l #	98
73) Isopropylbenzene	10.963	105	966602	55.353	ug/l	97
74) N-amyl acetate	10.842	43	337840	55.680	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	319483	52.921	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	310047m	54.999	ug/l	
77) Bromobenzene	11.195	156	257846	53.801	ug/l	82
78) n-propylbenzene	11.305	91	1121221	55.176	ug/l	96
79) 2-Chlorotoluene	11.360	91	660102	54.257	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	836320	55.647	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	98218	54.034	ug/l	85
82) 4-Chlorotoluene	11.451	91	780933	54.945	ug/l	93
83) tert-Butylbenzene	11.713	119	845809	55.540	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	826923	55.475	ug/l	94
85) sec-Butylbenzene	11.890	105	1036044	54.522	ug/l	96
86) p-Isopropyltoluene	12.006	119	908251	56.108	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	492563	53.756	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	497858	52.861	ug/l	97
89) n-Butylbenzene	12.329	91	793267	55.069	ug/l	97
90) Hexachloroethane	12.536	117	154512	56.351	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	480664	53.714	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	81164	53.493	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	346248	54.098	ug/l	97
94) Hexachlorobutadiene	13.725	225	153022	55.406	ug/l	99
95) Naphthalene	13.774	128	1058764	54.840	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	333846	52.919	ug/l	98

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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

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

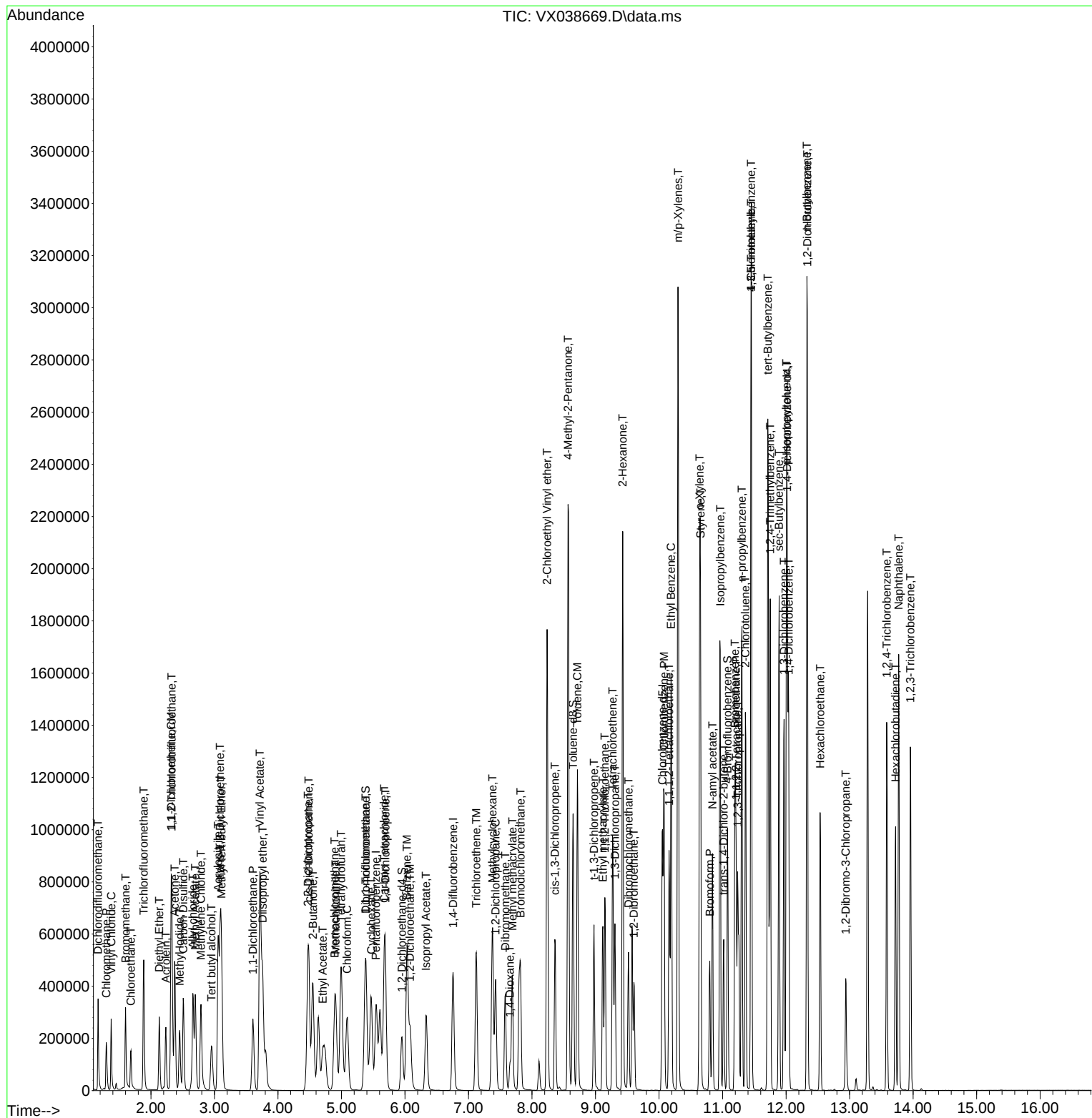
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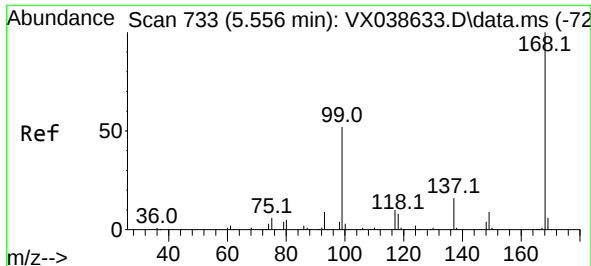
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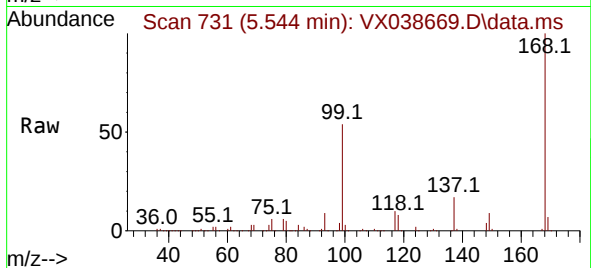
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX038669.D
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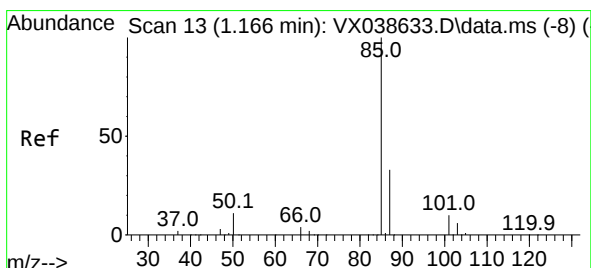
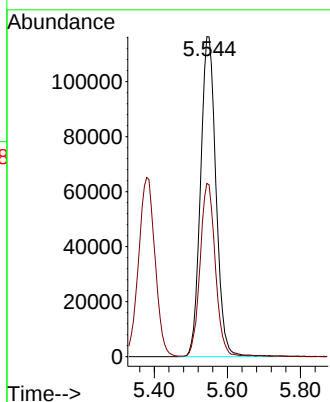
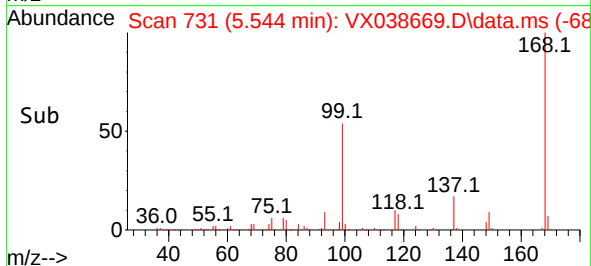
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 341650
Ion Ratio Lower Upper
168 100
99 54.0 56.6 85.0

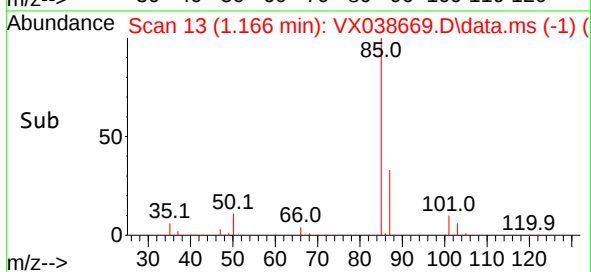
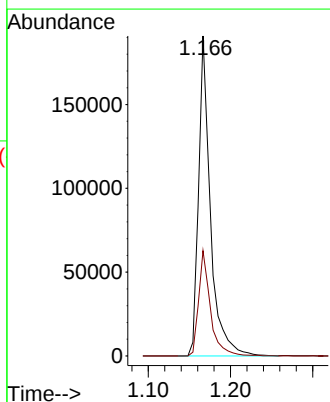
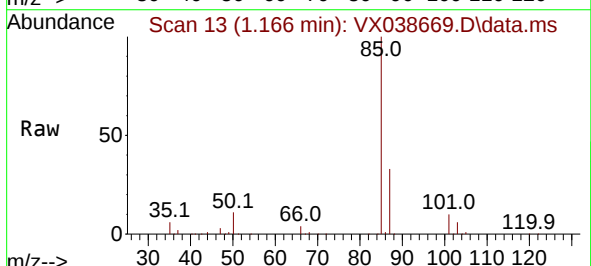
Manual Integrations
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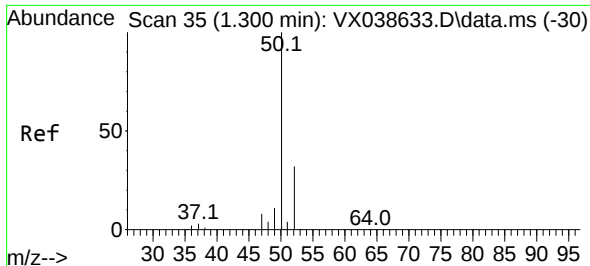
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 53.796 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

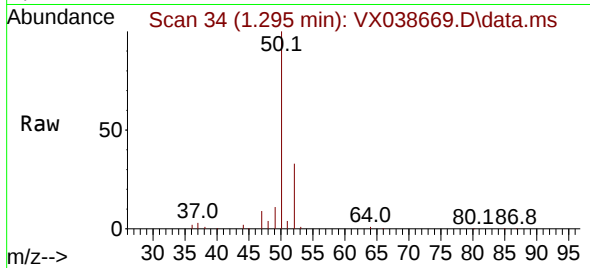
Tgt Ion: 85 Resp: 190869
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 48.248 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

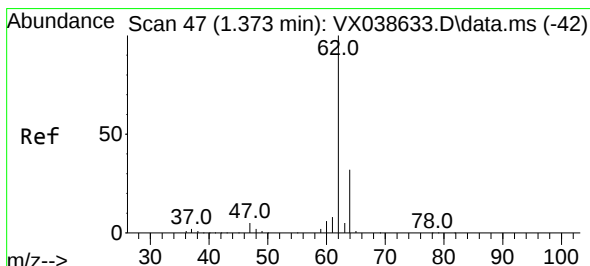
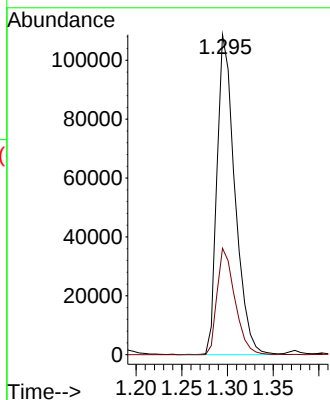
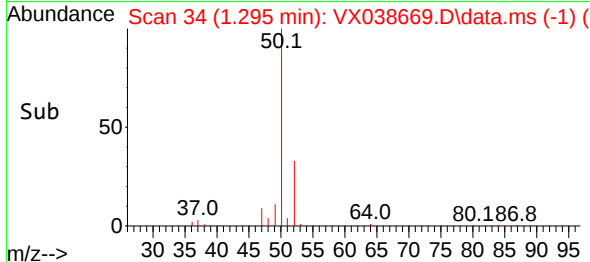
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 14796
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

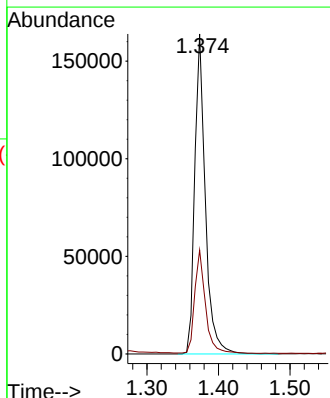
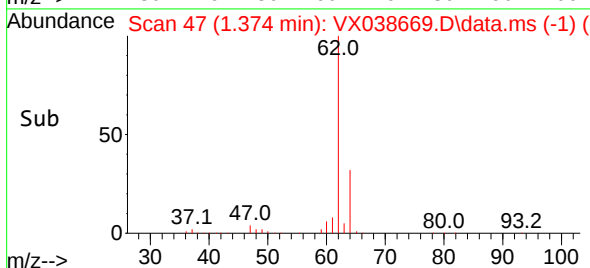
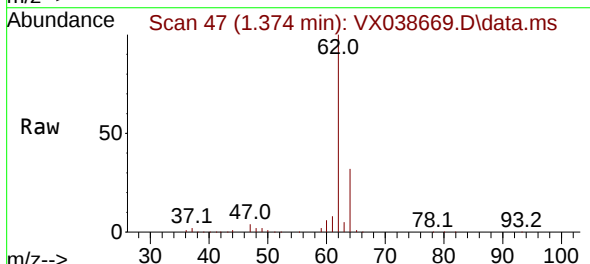
Manual Integrations
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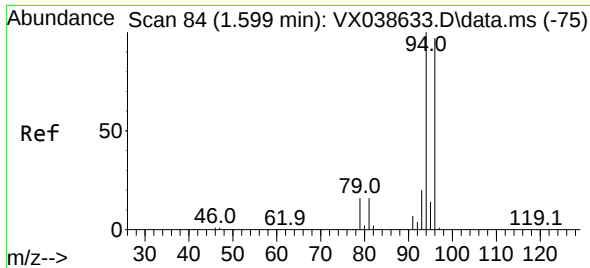
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Vinyl Chloride
Concen: 51.664 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

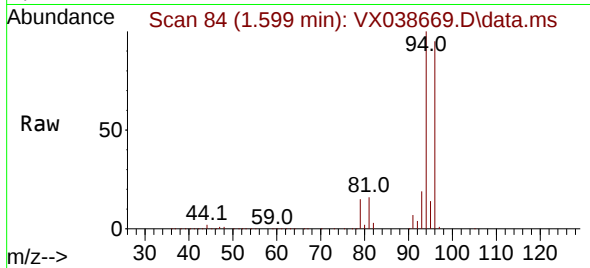
Tgt Ion: 62 Resp: 168668
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 50.774 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

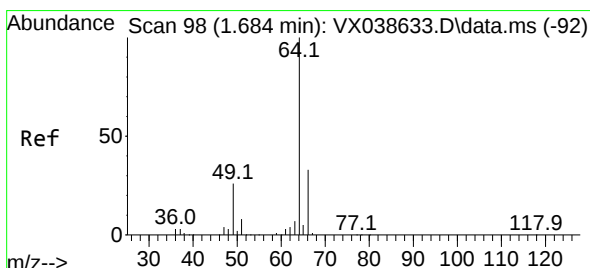
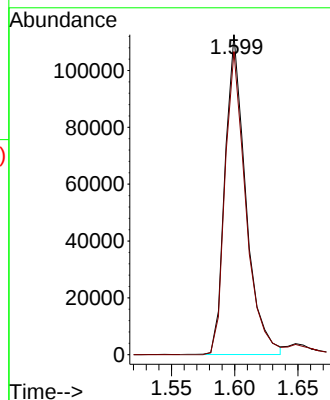
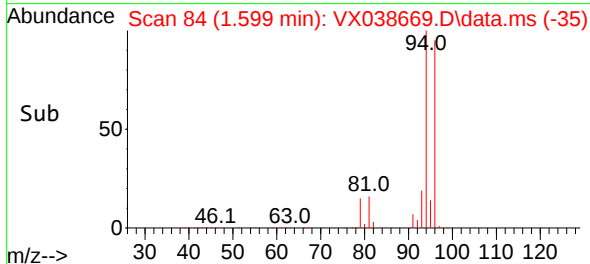
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Tgt Ion: 94 Resp: 12794
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8

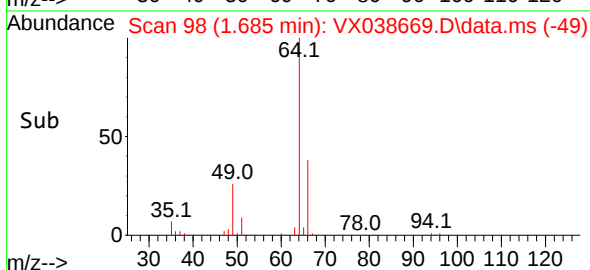
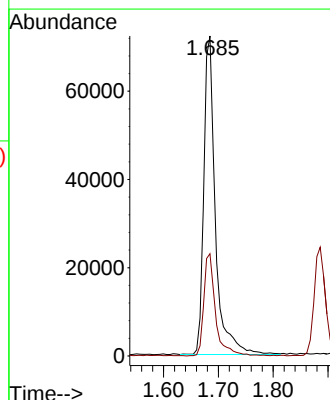
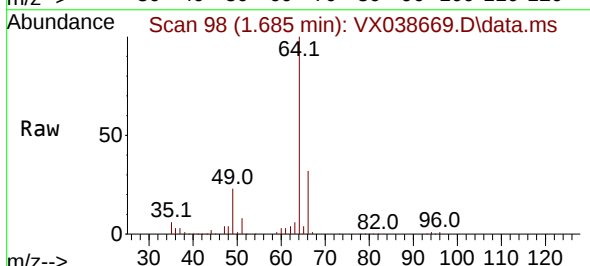
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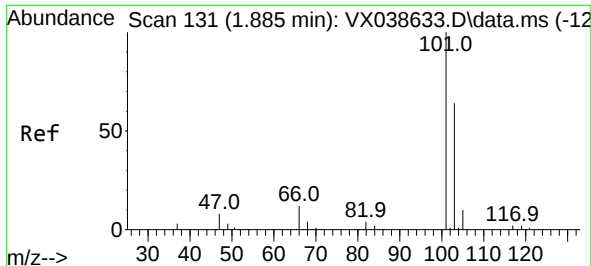
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 51.314 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

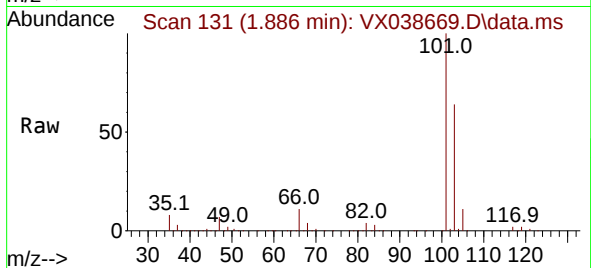
Tgt Ion: 64 Resp: 106073
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.797 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

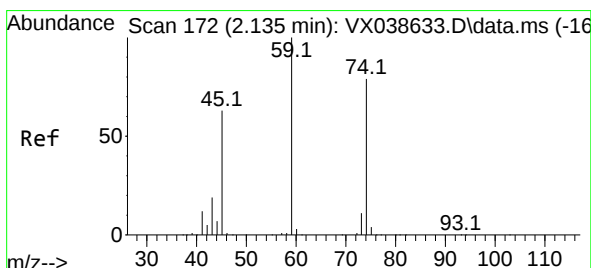
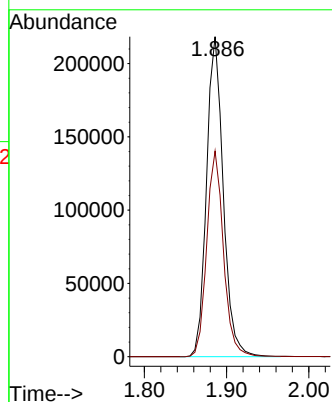
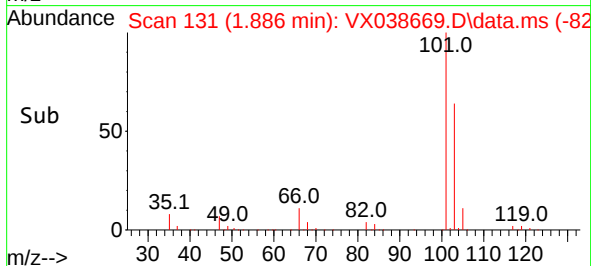
Instrument :
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Tgt Ion:101 Resp: 308418
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

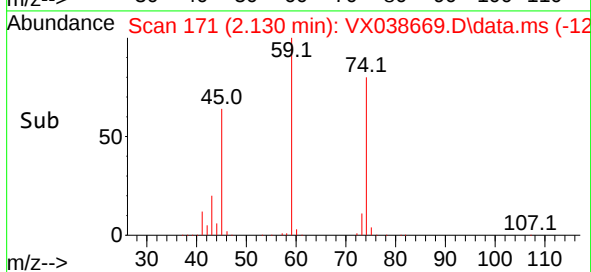
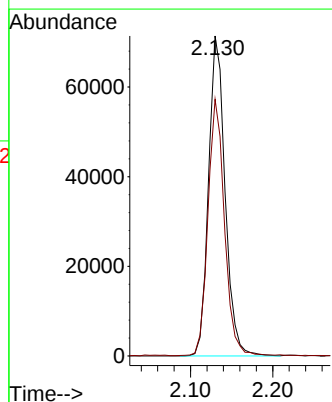
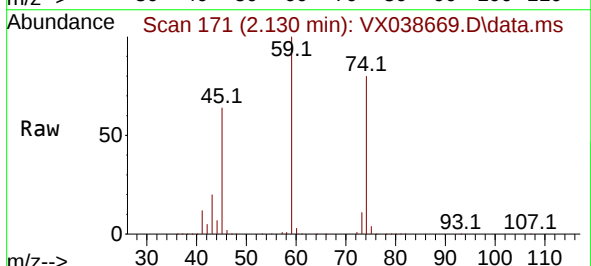
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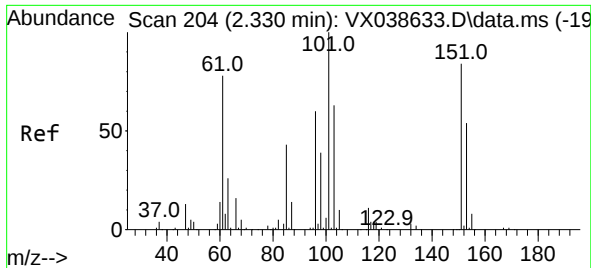
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#8
Diethyl Ether
Concen: 51.609 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 74 Resp: 99716
Ion Ratio Lower Upper
74 100
45 80.1 53.3 159.8





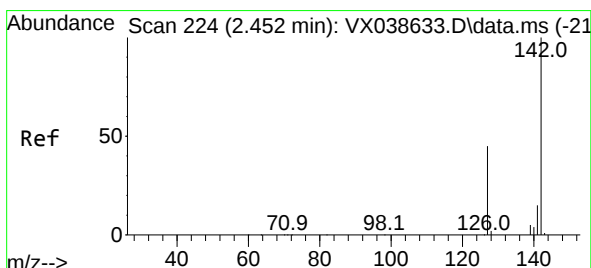
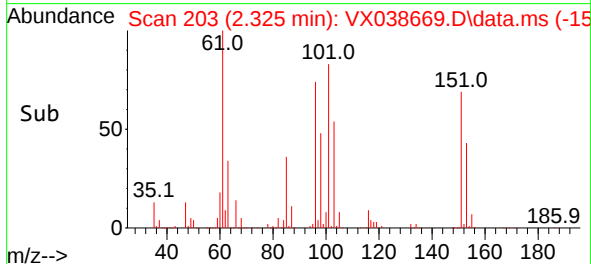
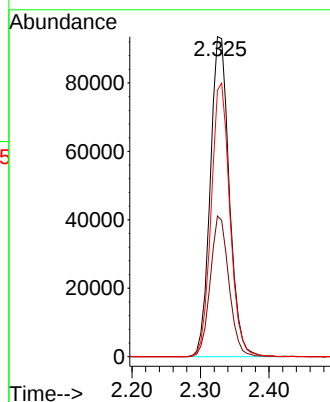
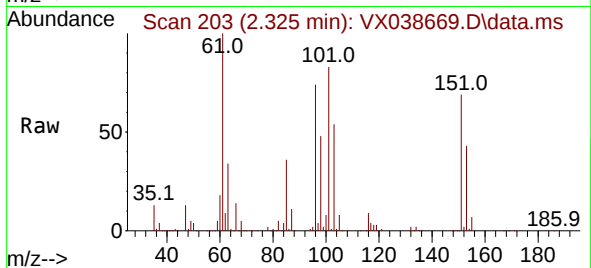
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.285 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18065
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 84.2 58.6 87.8

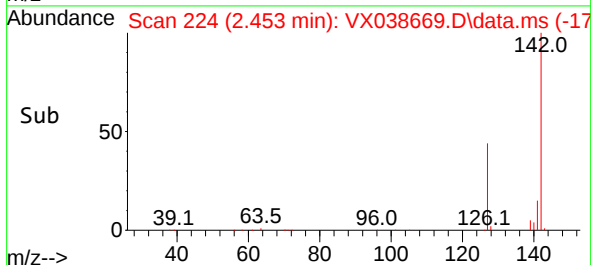
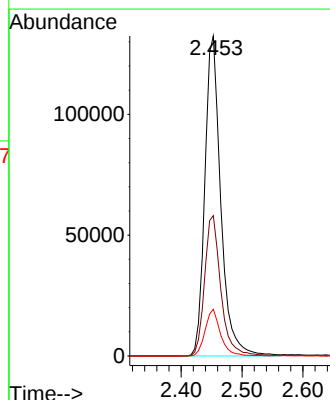
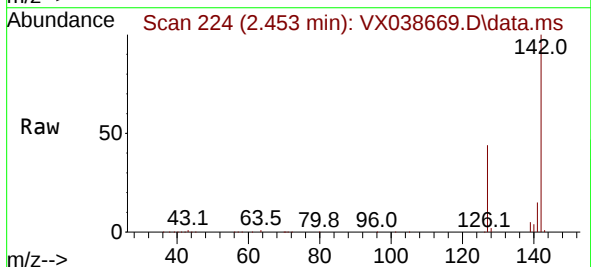
Manual Integrations
APPROVED

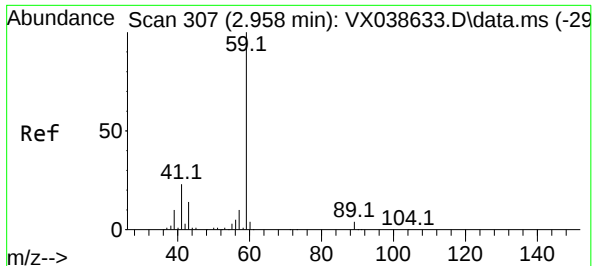
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#10
Methyl Iodide
Concen: 58.673 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion:142 Resp: 241152
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.2 11.6 17.4





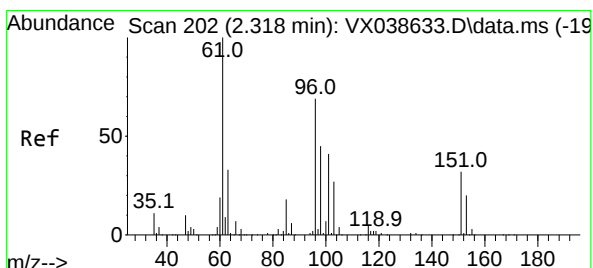
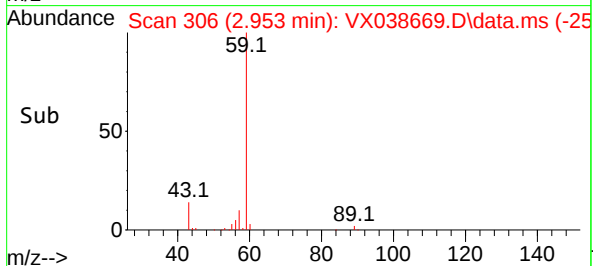
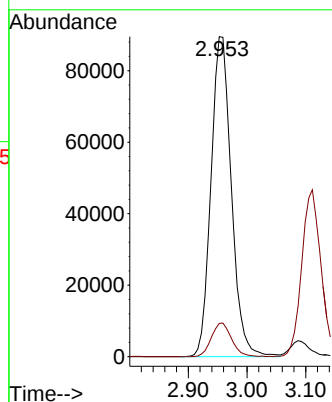
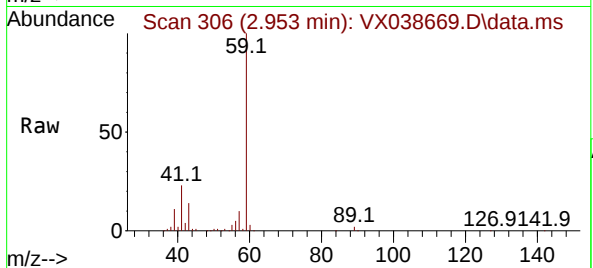
#11
Tert butyl alcohol
Concen: 248.235 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 21584
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

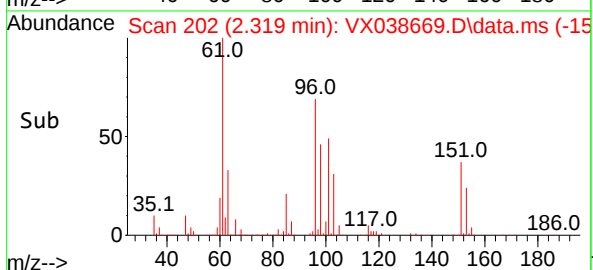
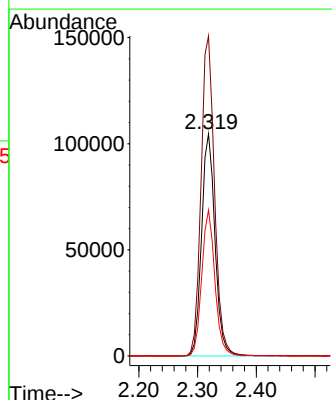
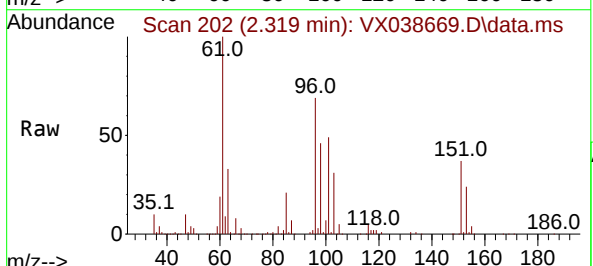
Manual Integrations
APPROVED

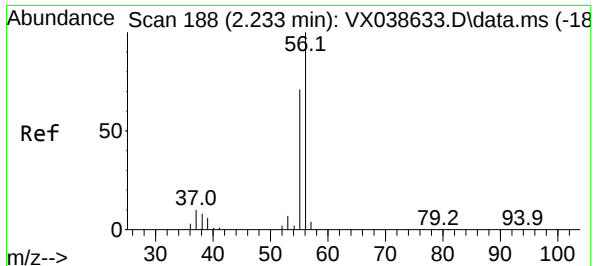
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#12
1,1-Dichloroethene
Concen: 52.237 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

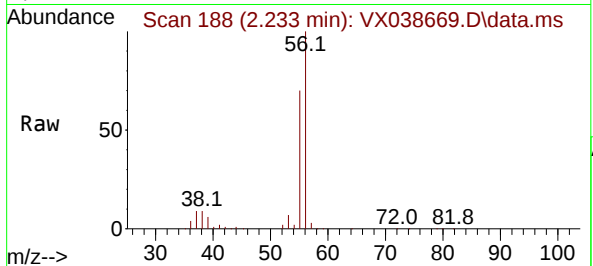
Tgt Ion: 96 Resp: 166559
Ion Ratio Lower Upper
96 100
61 144.1 144.6 216.8#
98 65.7 50.4 75.6





#13
Acrolein
Concen: 251.903 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

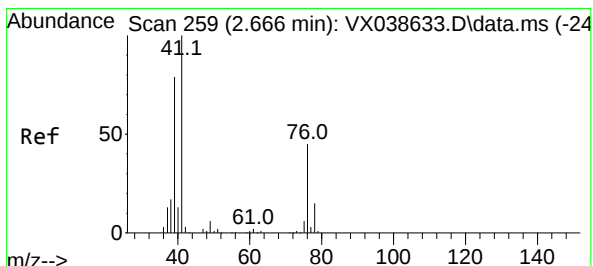
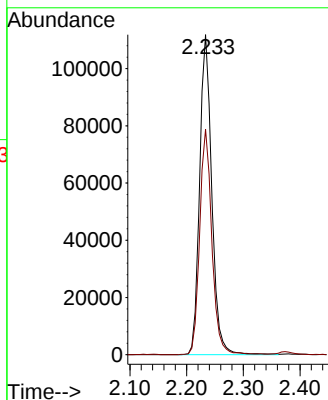
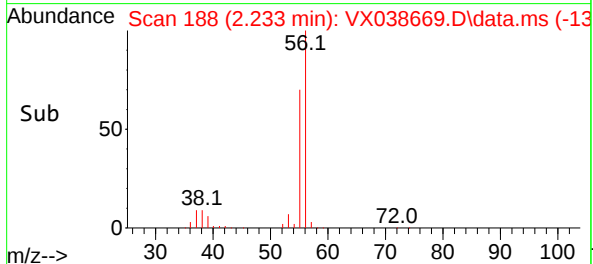
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16601
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

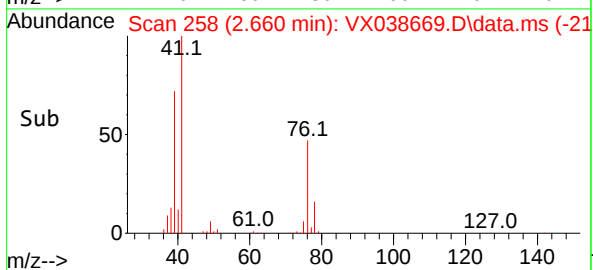
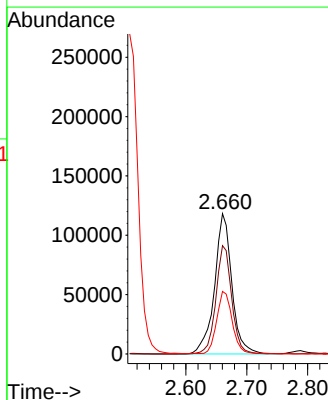
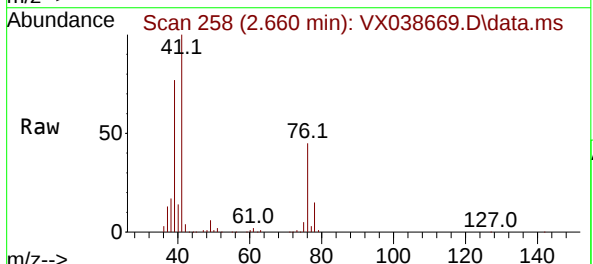
Manual Integrations
APPROVED

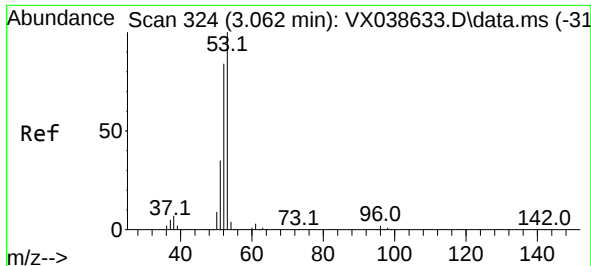
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Allyl chloride
Concen: 51.258 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

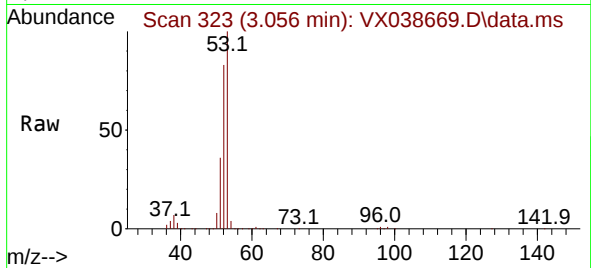
Tgt Ion: 41 Resp: 234095
Ion Ratio Lower Upper
41 100
39 70.1 55.8 83.6
76 39.4 24.3 36.5





#15
Acrylonitrile
Concen: 258.711 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

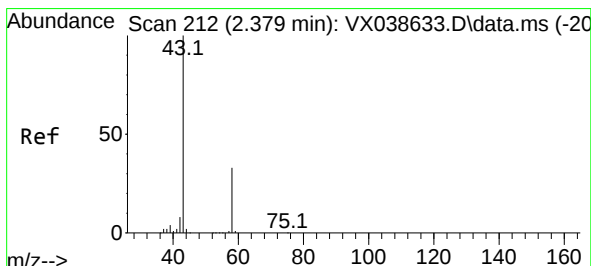
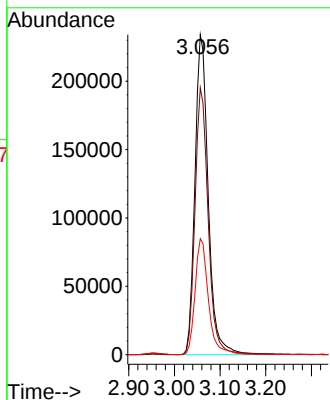
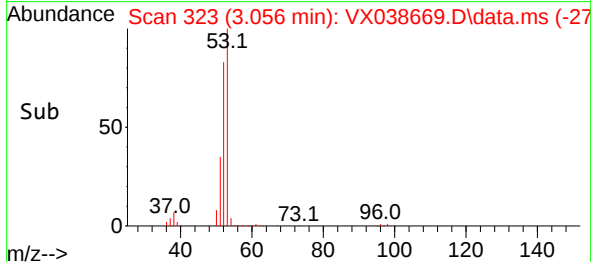
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 474750
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.4 29.8 44.6

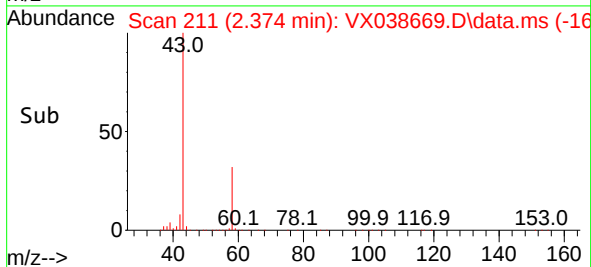
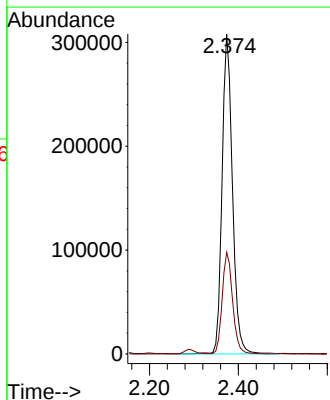
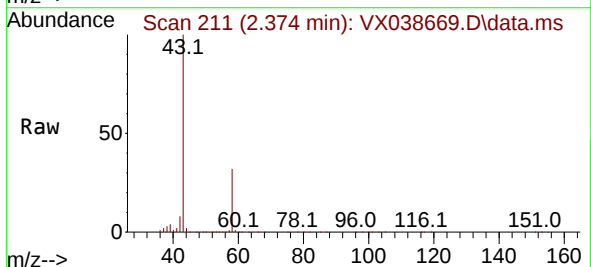
Manual Integrations
APPROVED

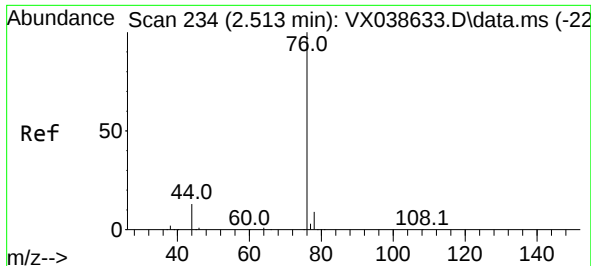
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 277.496 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 43 Resp: 497095
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





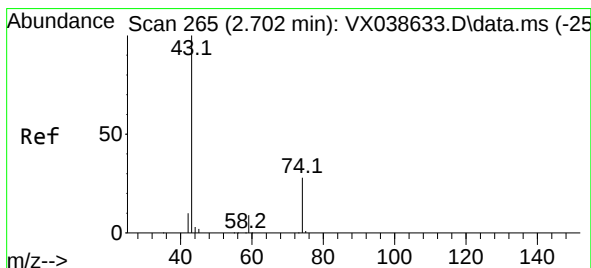
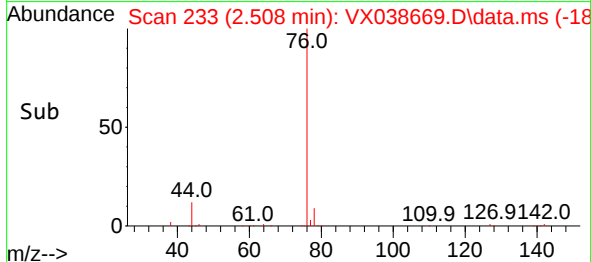
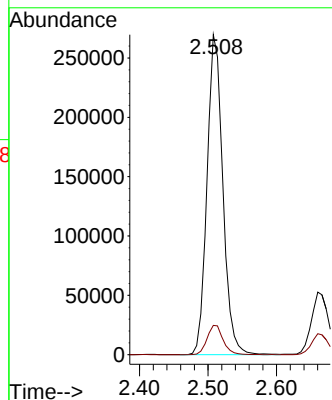
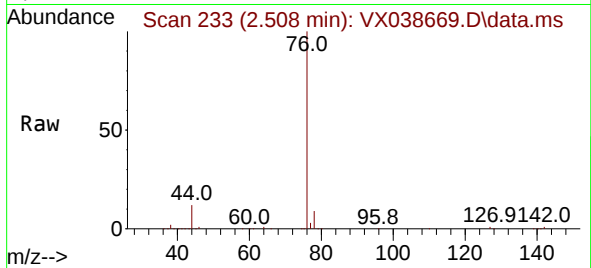
#17
Carbon Disulfide
Concen: 51.184 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 43364
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

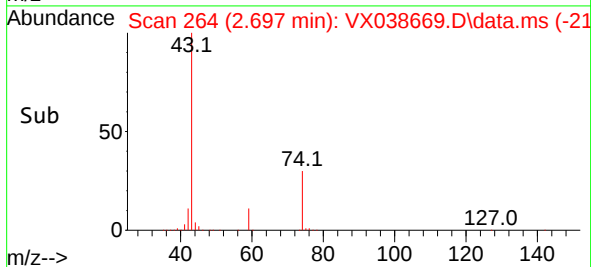
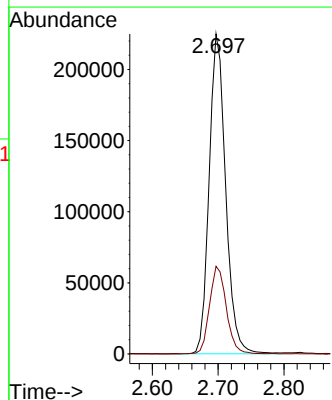
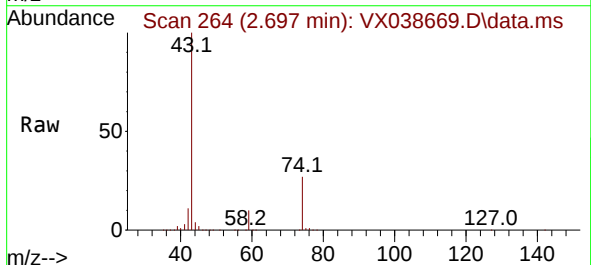
Manual Integrations
APPROVED

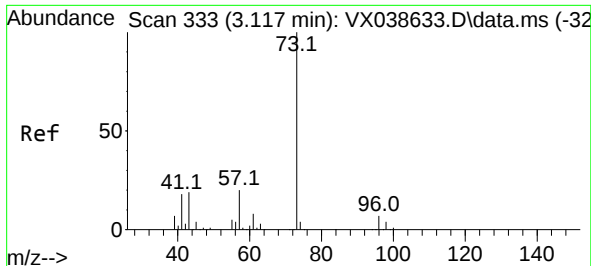
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#18
Methyl Acetate
Concen: 51.435 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

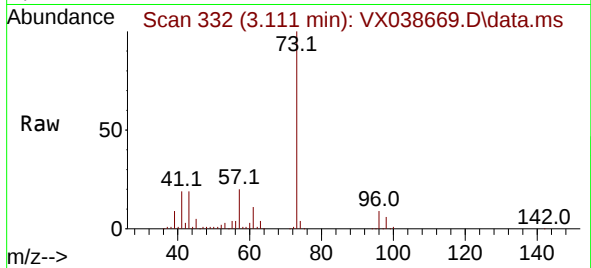
Tgt Ion: 43 Resp: 392547
Ion Ratio Lower Upper
43 100
74 28.0 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 53.159 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

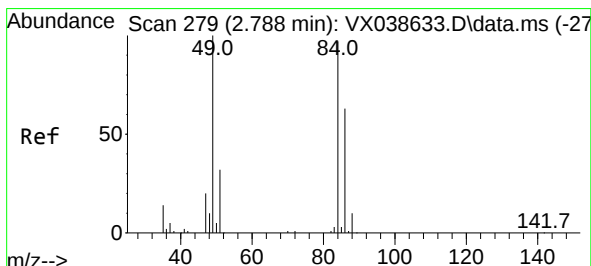
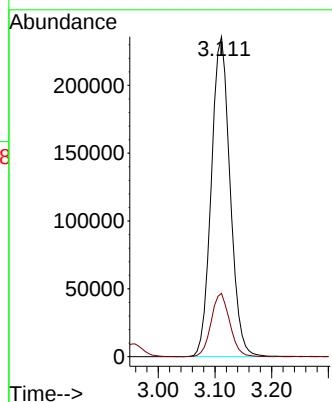
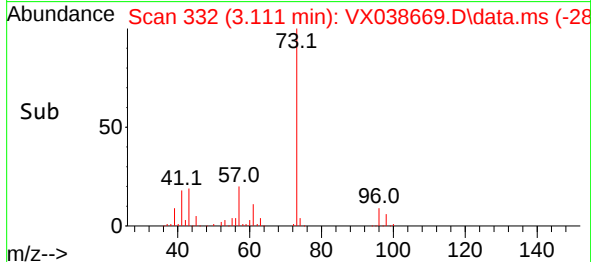
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 542030
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

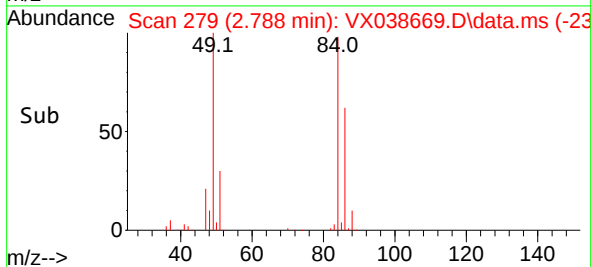
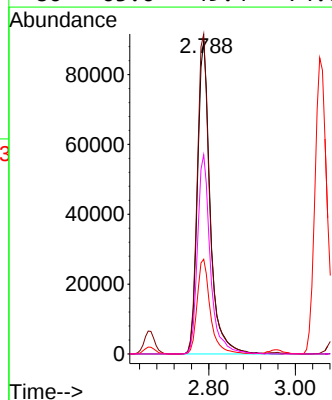
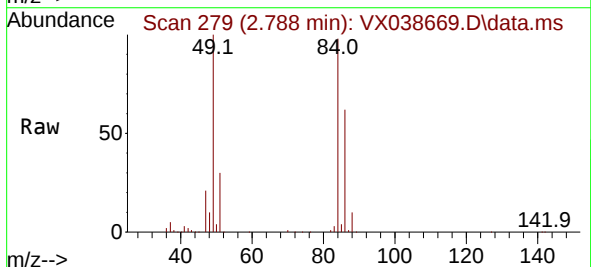
Manual Integrations
APPROVED

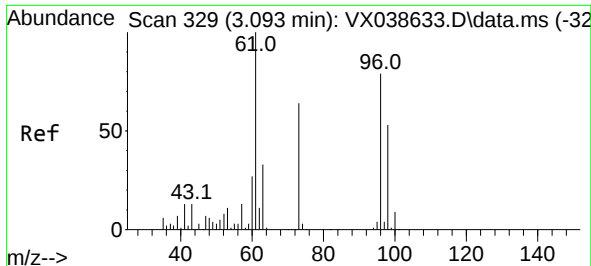
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 50.563 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

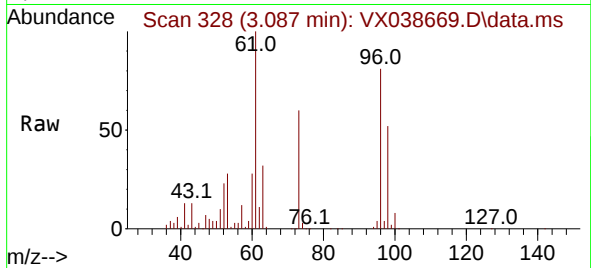
Tgt Ion: 84 Resp: 182591
Ion Ratio Lower Upper
84 100
49 102.1 103.6 155.4#
51 30.2 33.8 50.6#
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.066 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

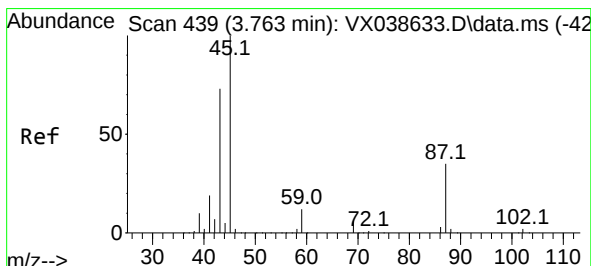
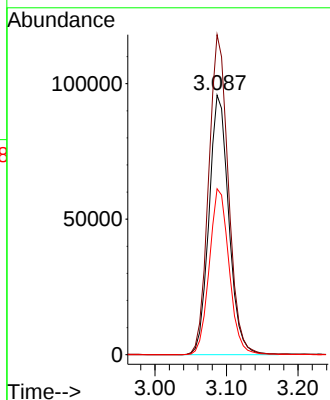
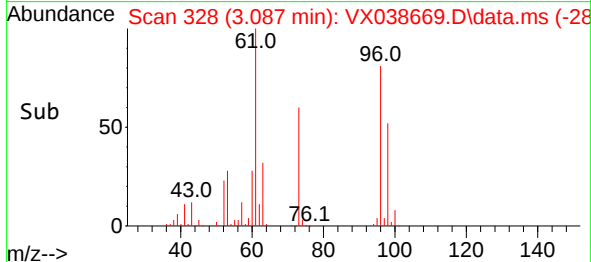
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 184209
Ion Ratio Lower Upper
96 100
61 123.3 119.2 178.8
98 63.9 48.7 73.1

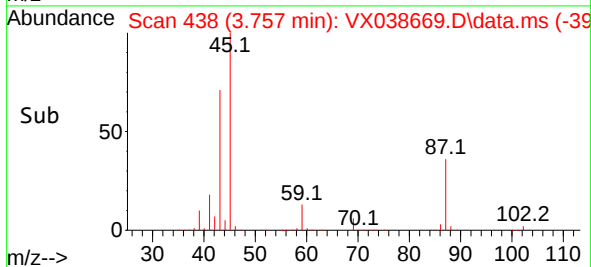
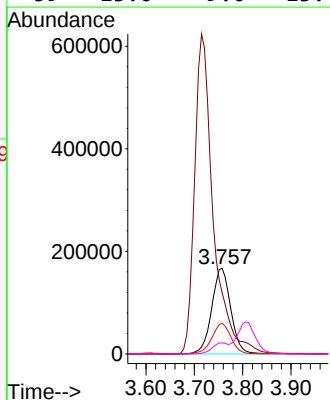
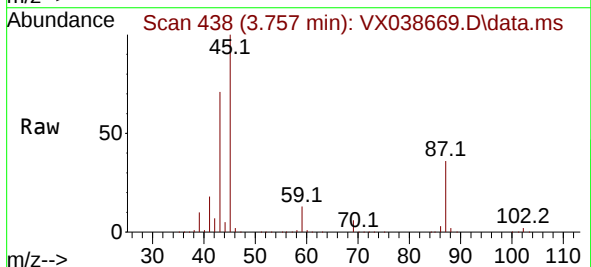
Manual Integrations
APPROVED

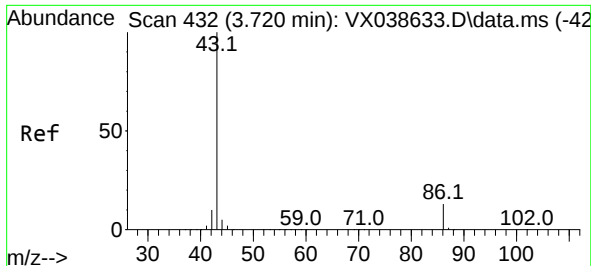
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#22
Diisopropyl ether
Concen: 53.001 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

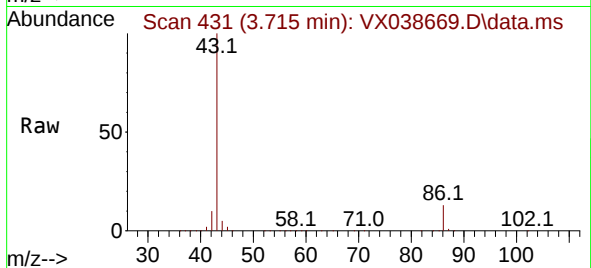
Tgt Ion: 45 Resp: 456204
Ion Ratio Lower Upper
45 100
43 71.1 69.7 104.5
87 36.0 20.8 31.2#
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 274.621 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX038669.D
 Acq: 09 Nov 2023 10:48

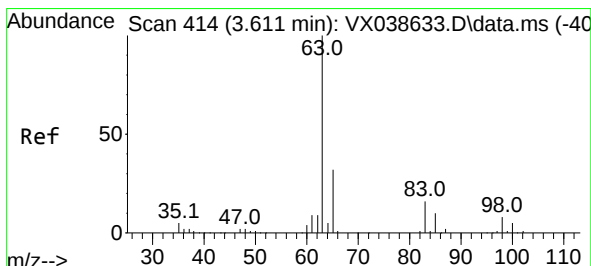
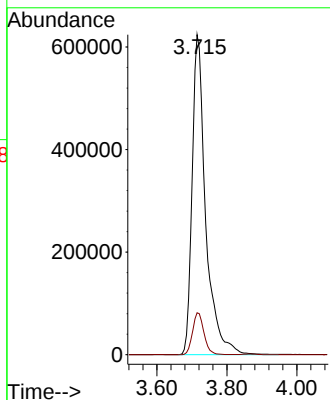
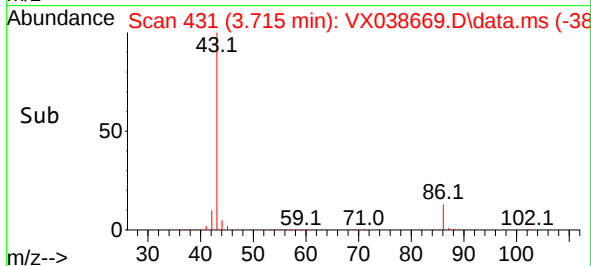
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



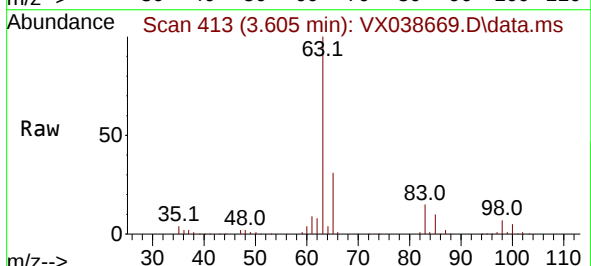
Tgt Ion: 43 Resp: 167776
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.8 11.8

Manual Integrations
 APPROVED

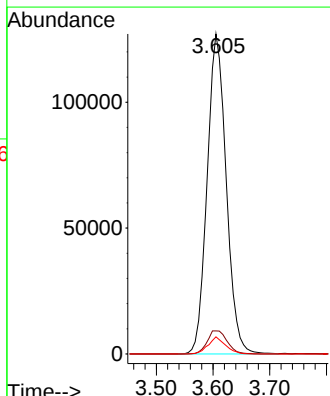
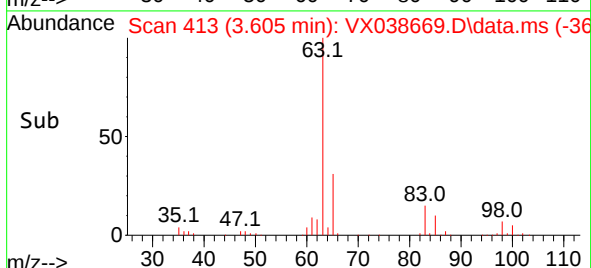
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023

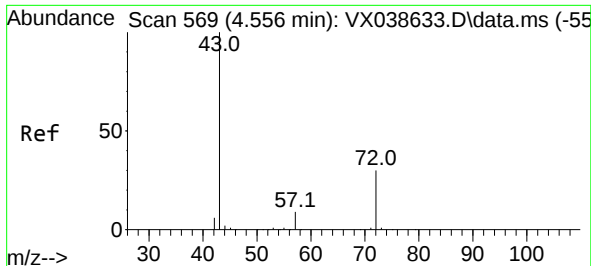


#24
 1,1-Dichloroethane
 Concen: 52.204 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038669.D
 Acq: 09 Nov 2023 10:48



Tgt Ion: 63 Resp: 297284
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.4 2.1 6.5





#25

2-Butanone

Concen: 260.963 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 67720

Ion Ratio Lower Upper

43 100

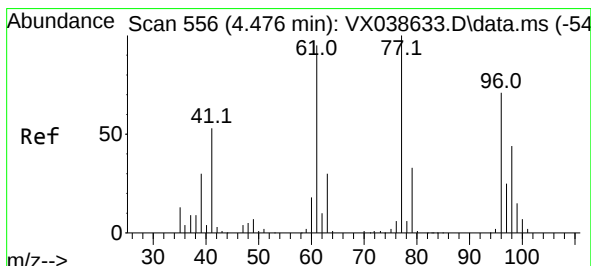
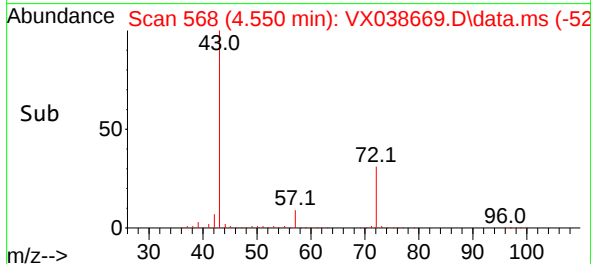
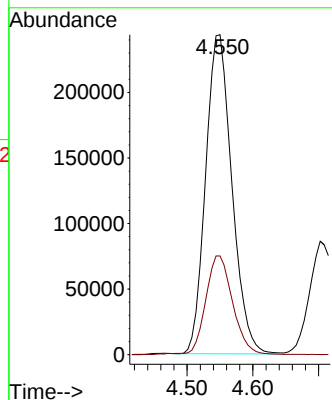
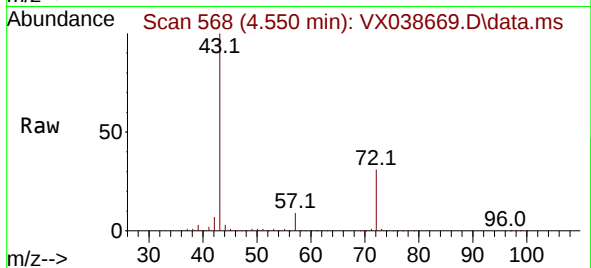
72 30.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#26

2,2-Dichloropropane

Concen: 54.608 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038669.D

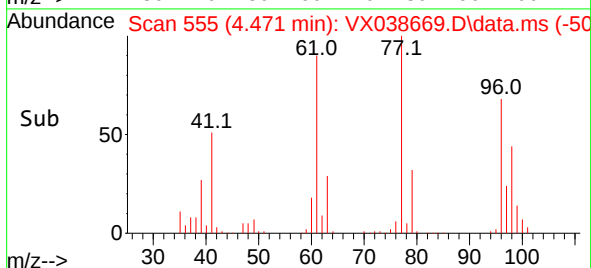
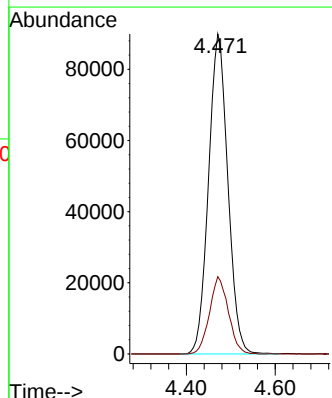
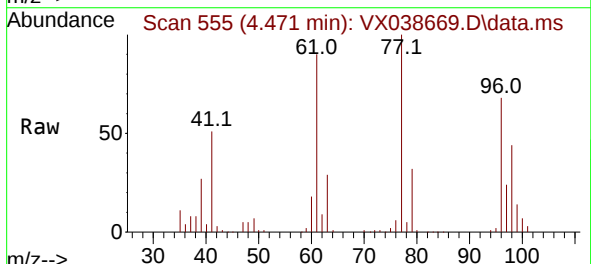
Acq: 09 Nov 2023 10:48

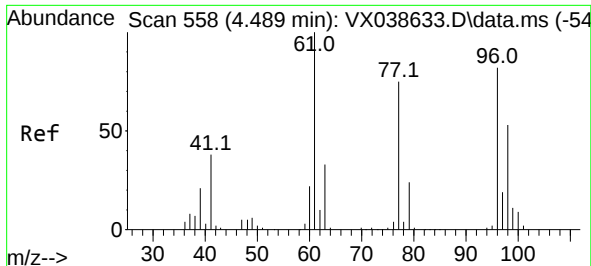
Tgt Ion: 77 Resp: 271522

Ion Ratio Lower Upper

77 100

97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.939 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 21220

Ion Ratio Lower Upper

96 100

61 129.3 0.0 312.2

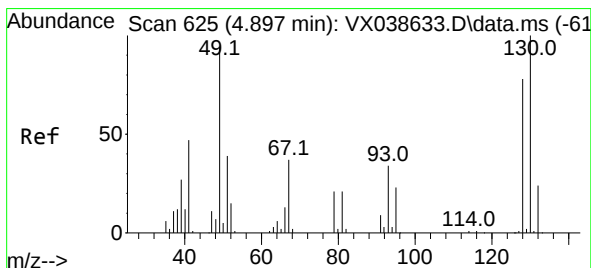
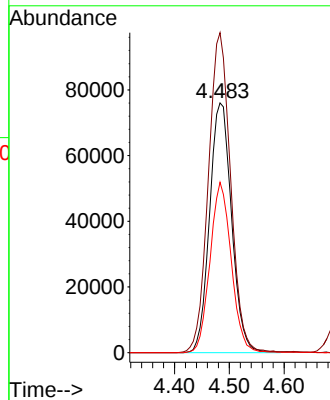
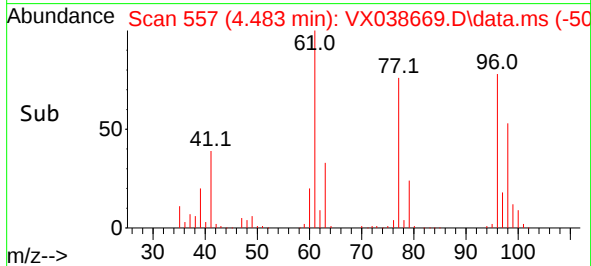
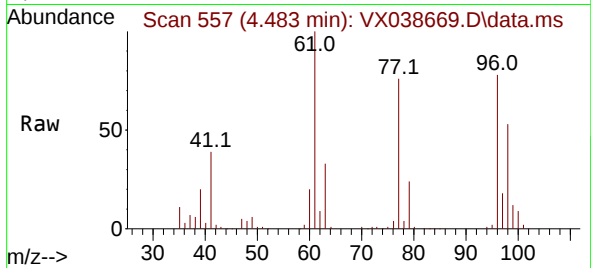
98 65.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 52.152 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

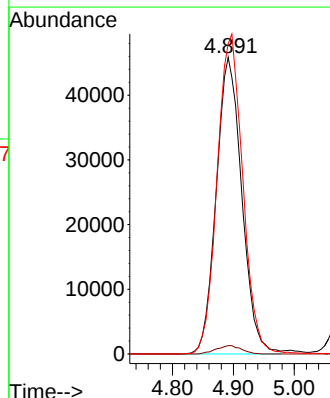
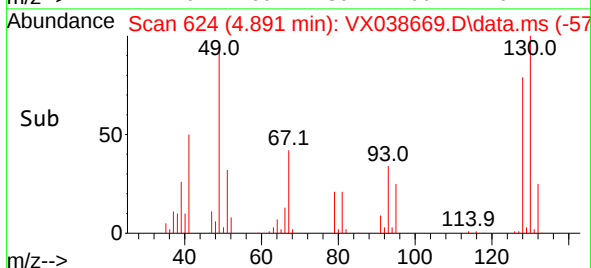
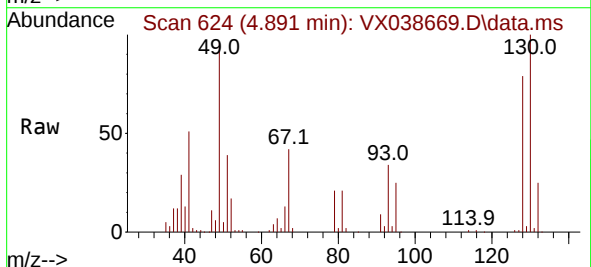
Tgt Ion: 49 Resp: 133466

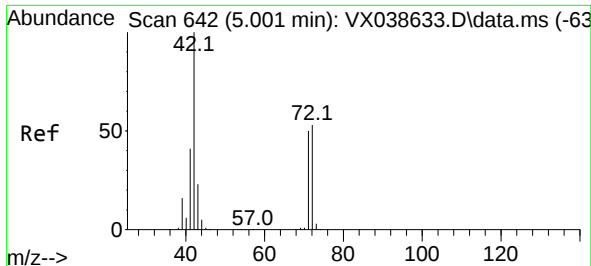
Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.8

130 108.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 257.498 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038669.D

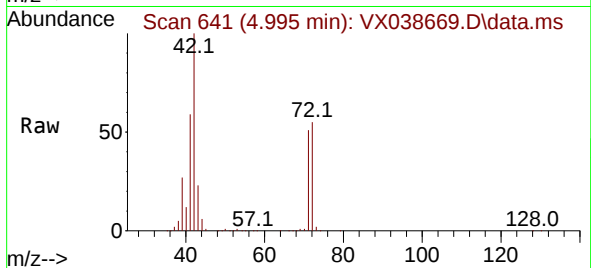
Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 41574

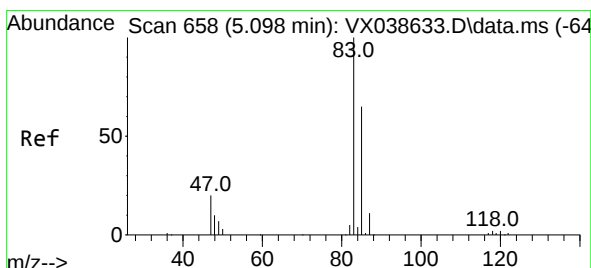
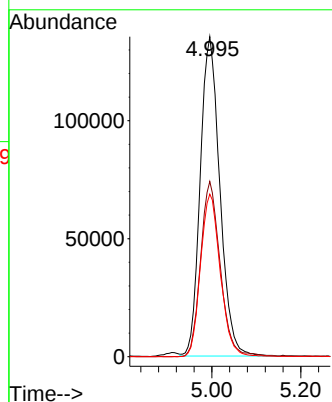
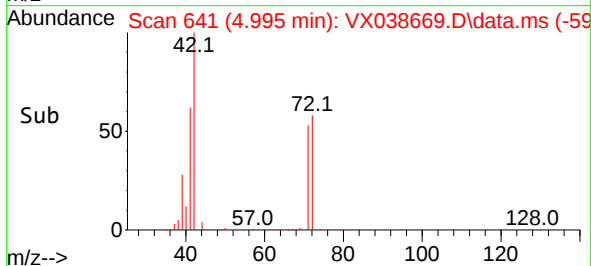
Ion	Ratio	Lower	Upper
42	100		
72	55.0	34.2	51.4
71	51.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#30

Chloroform

Concen: 51.413 ug/l

RT: 5.087 min Scan# 656

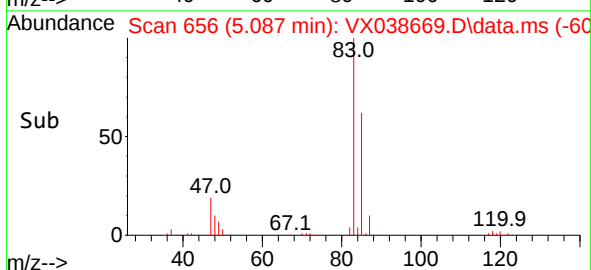
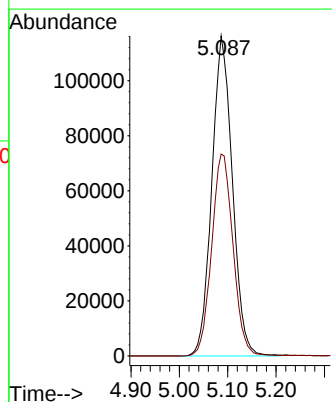
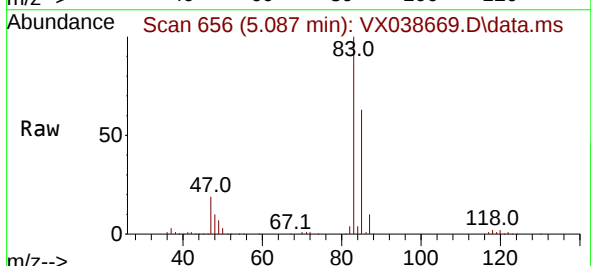
Delta R.T. -0.012 min

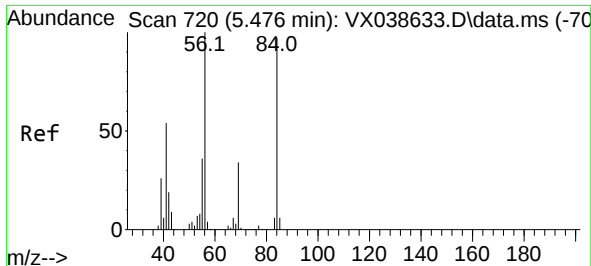
Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Tgt Ion: 83 Resp: 343522

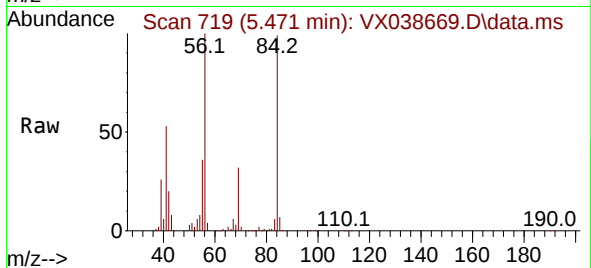
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 52.681 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

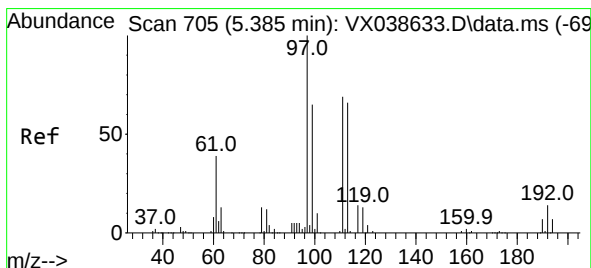
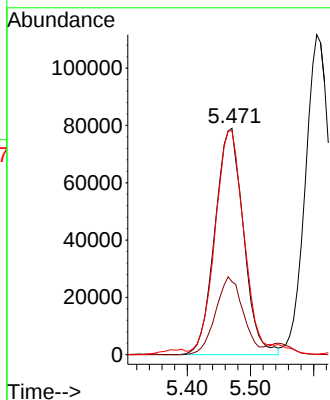
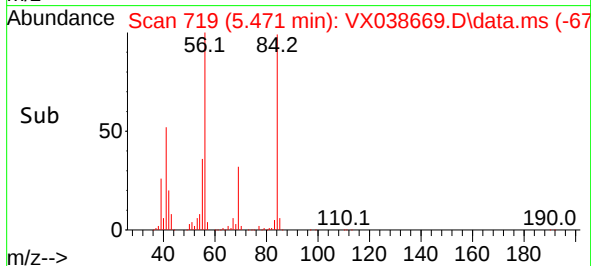
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 247999
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 96.9 65.9 98.9

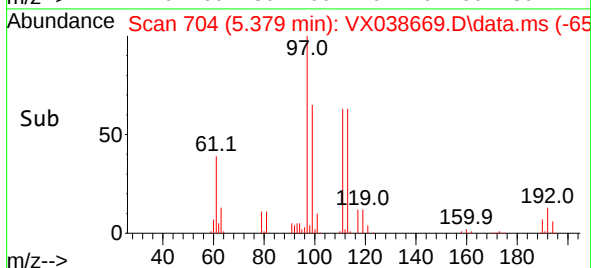
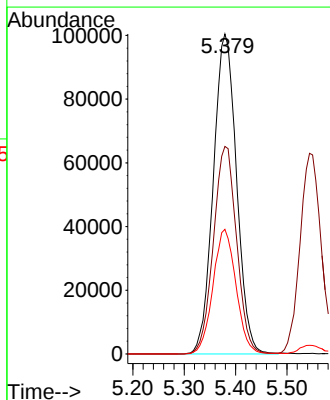
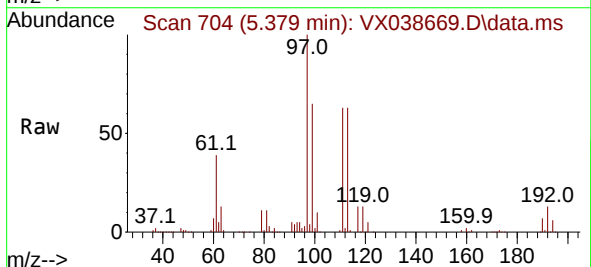
Manual Integrations
APPROVED

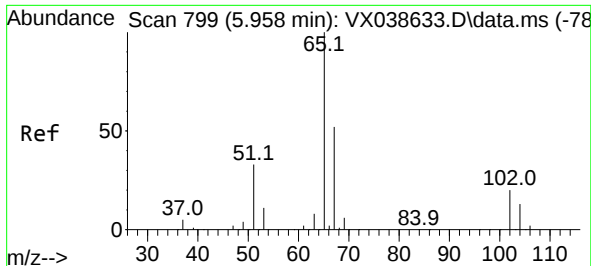
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 53.591 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 97 Resp: 315123
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 38.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.236 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 205172

Ion Ratio Lower Upper

65 100

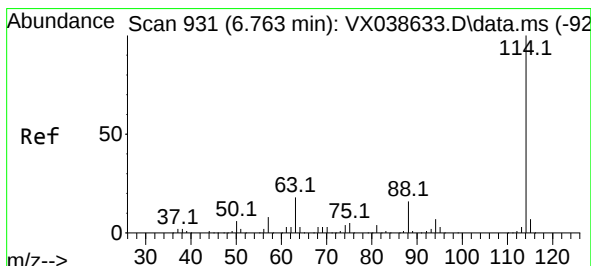
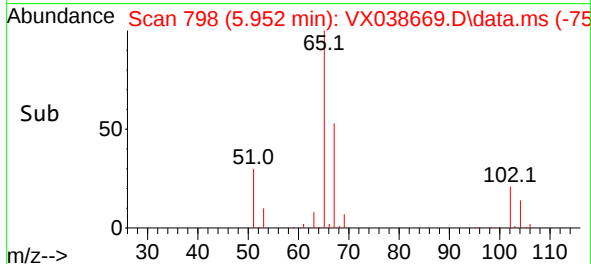
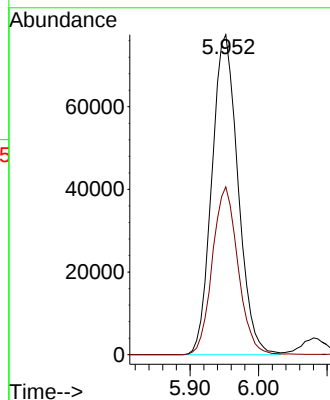
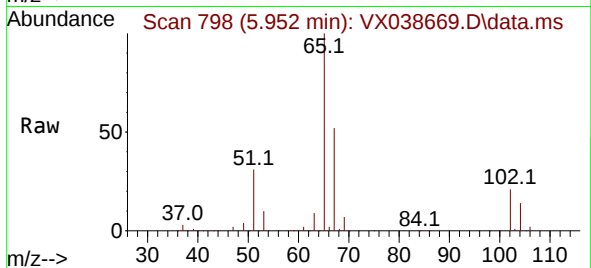
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

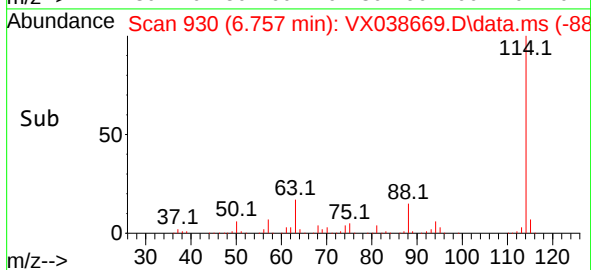
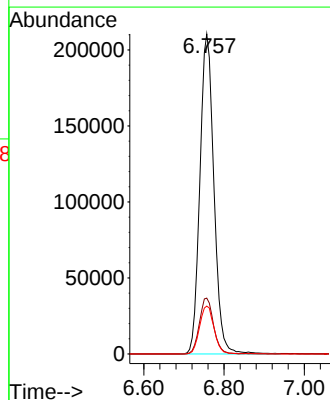
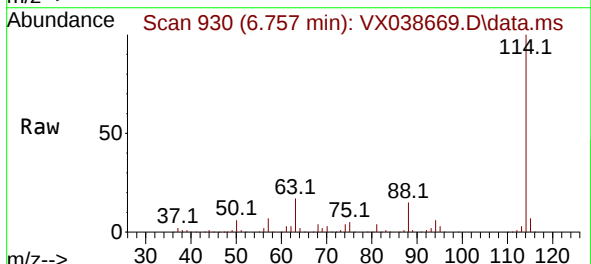
Tgt Ion:114 Resp: 511412

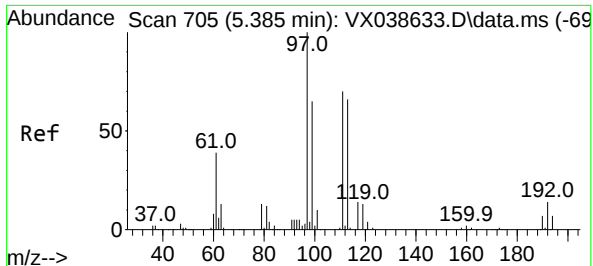
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.023 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038669.D

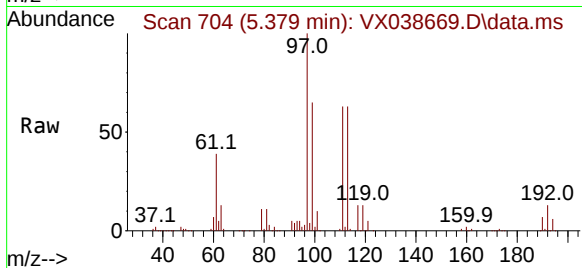
Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 184252

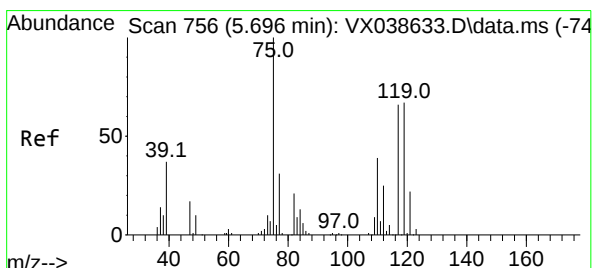
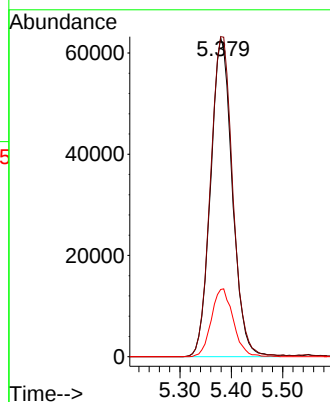
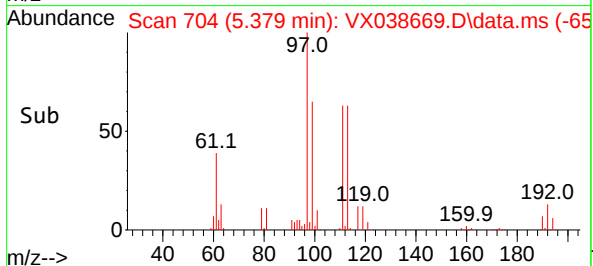
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	21.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#36

1,1-Dichloropropene

Concen: 54.418 ug/l

RT: 5.690 min Scan# 755

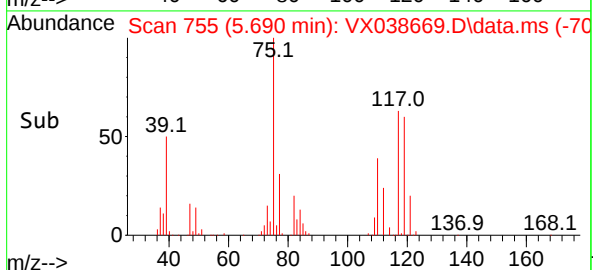
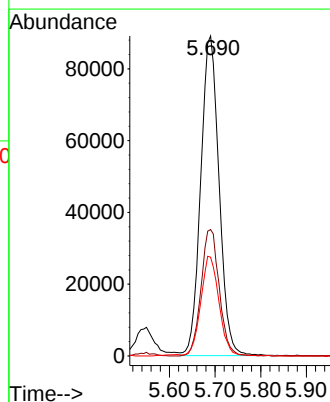
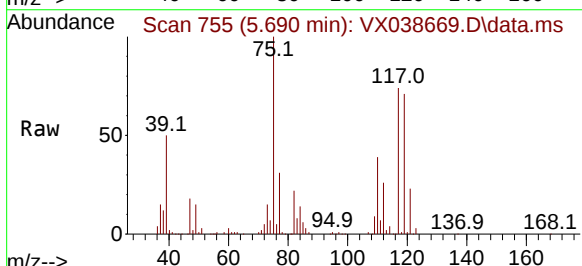
Delta R.T. -0.006 min

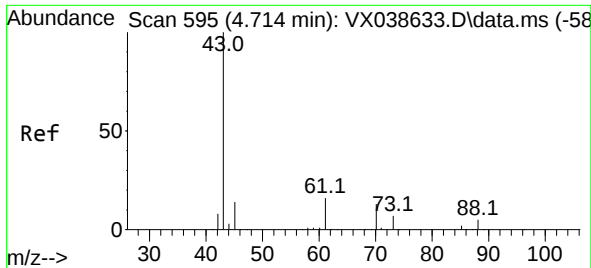
Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Tgt Ion: 75 Resp: 248984

Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.0	50.9
77	30.9	24.7	37.1





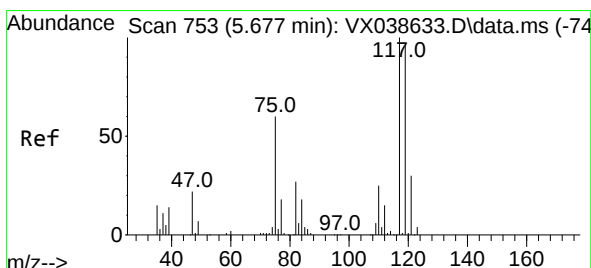
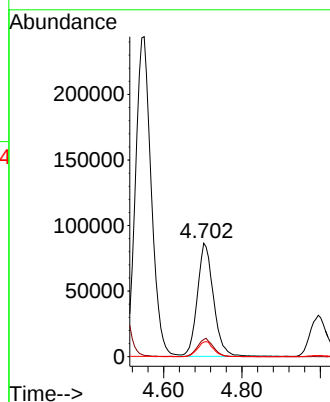
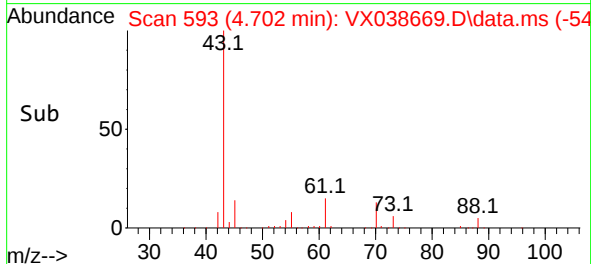
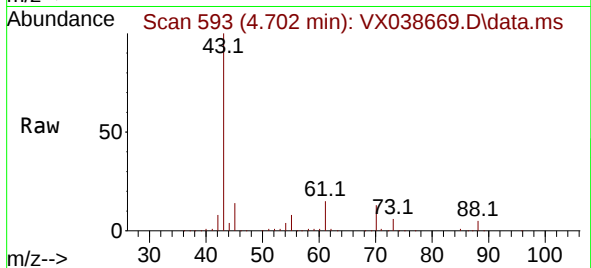
#37
Ethyl Acetate
Concen: 53.097 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 248038
Ion Ratio Lower Upper
43 100
61 15.4 10.6 16.0
70 13.0 8.3 12.5

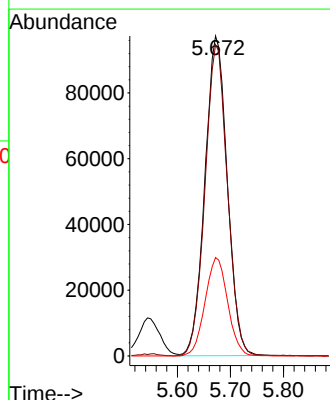
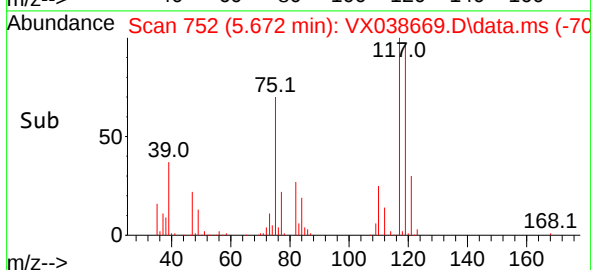
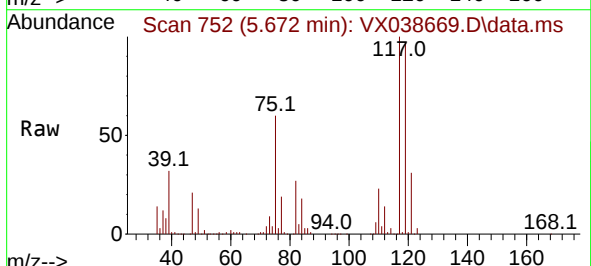
Manual Integrations
APPROVED

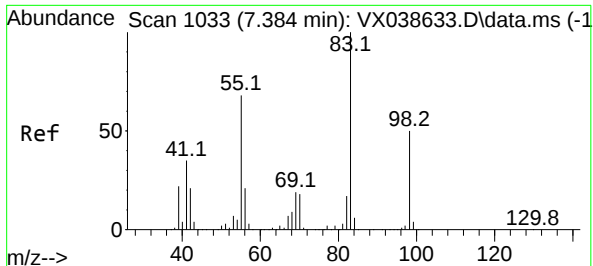
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#38
Carbon Tetrachloride
Concen: 55.843 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion:117 Resp: 285634
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 54.459 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 311530

Ion Ratio Lower Upper

83 100

55 68.1 64.6 97.0

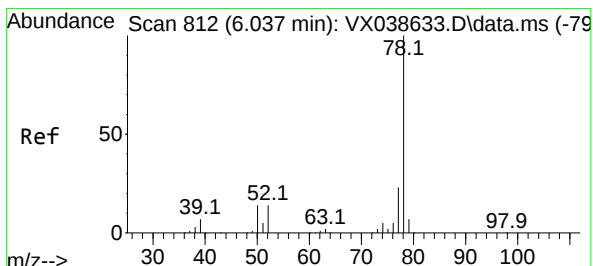
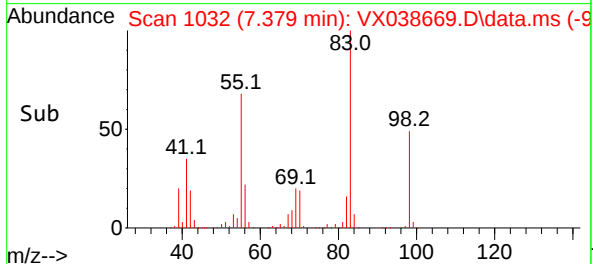
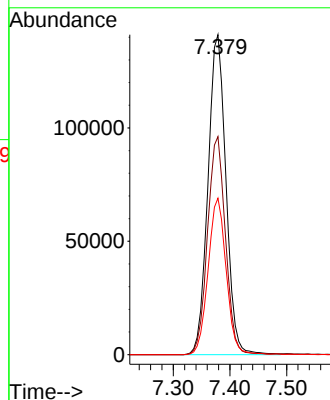
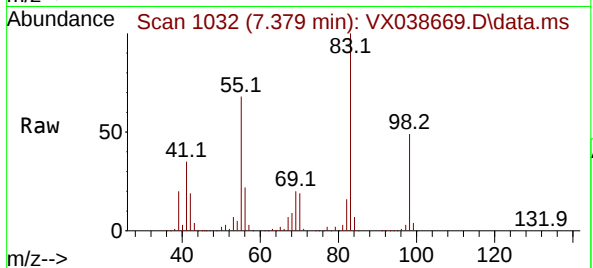
98 48.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 53.440 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038669.D

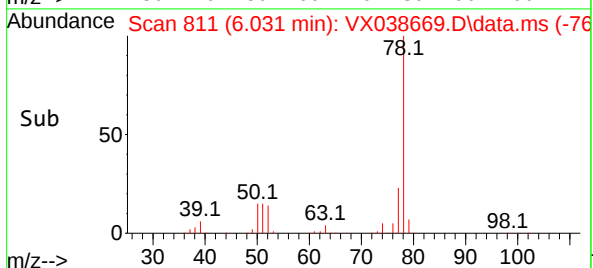
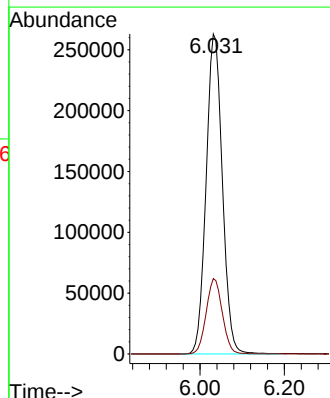
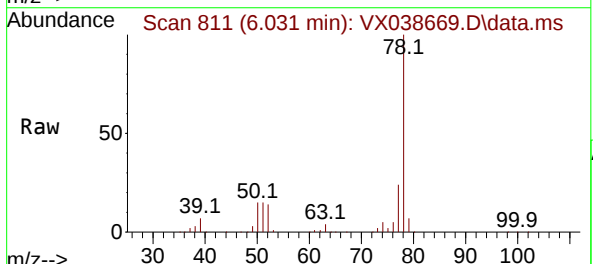
Acq: 09 Nov 2023 10:48

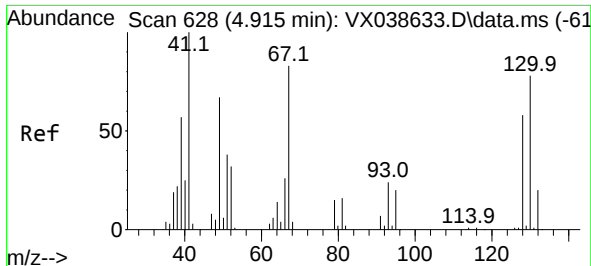
Tgt Ion: 78 Resp: 704260

Ion Ratio Lower Upper

78 100

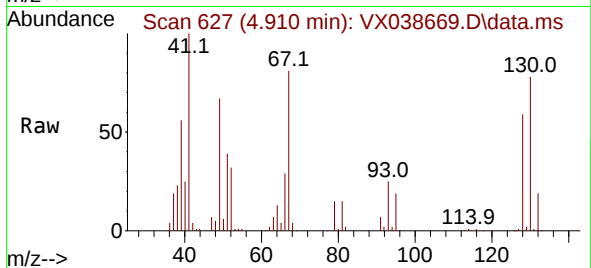
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 54.826 ug/l
RT: 4.910 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

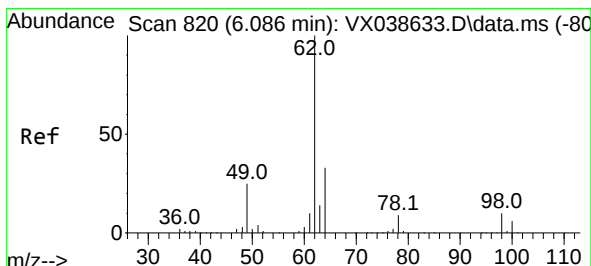
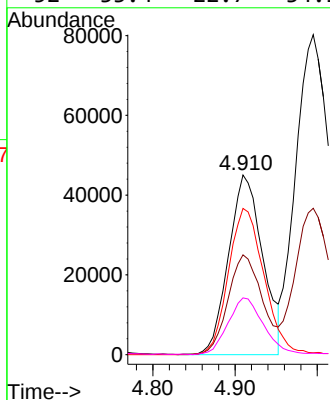
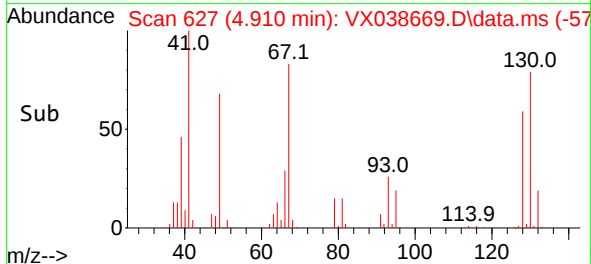
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 13048
Ion Ratio Lower Upper
41 100
39 55.6 45.2 67.8
67 85.0 52.6 78.8
52 33.4 22.7 34.1

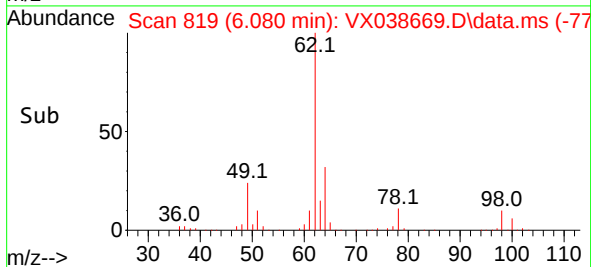
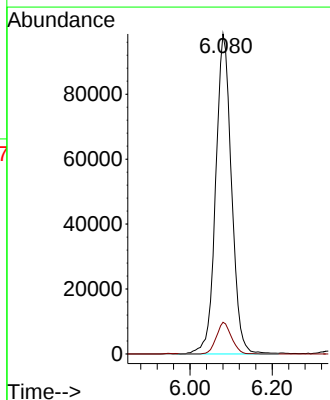
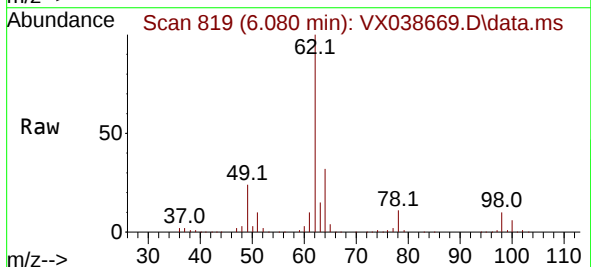
Manual Integrations
APPROVED

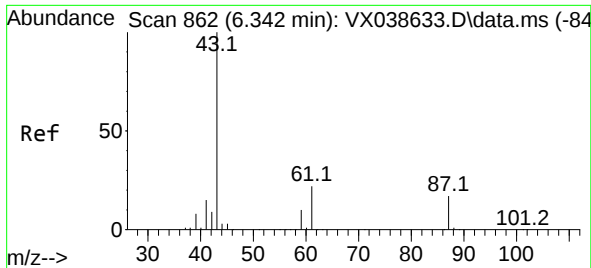
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 55.334 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

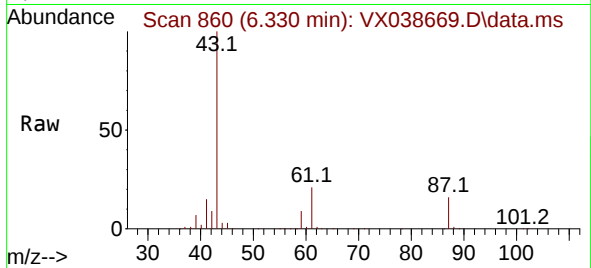
Tgt Ion: 62 Resp: 263120
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.310 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

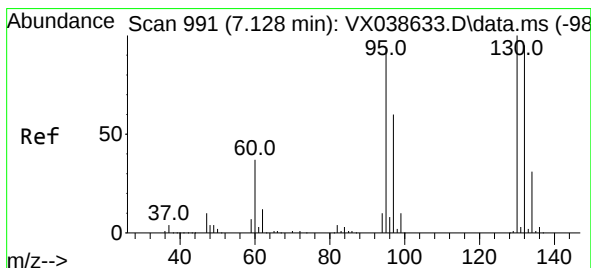
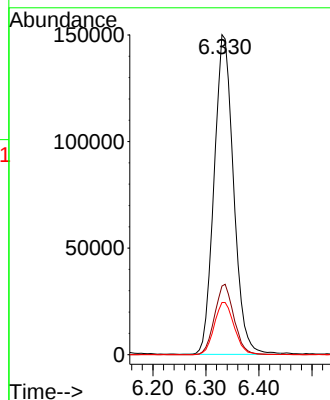
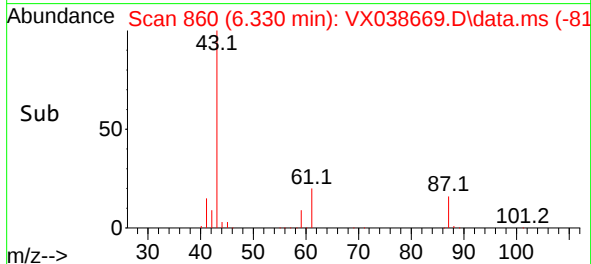
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38285
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 16.8 9.8 14.6

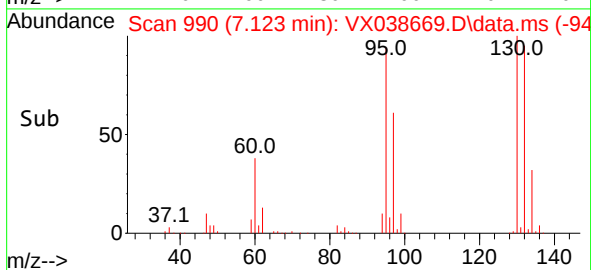
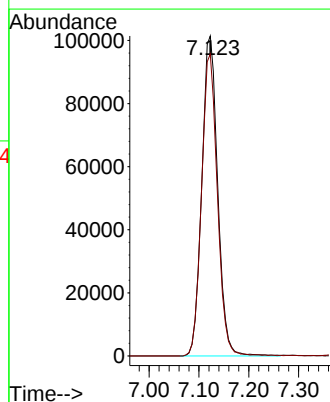
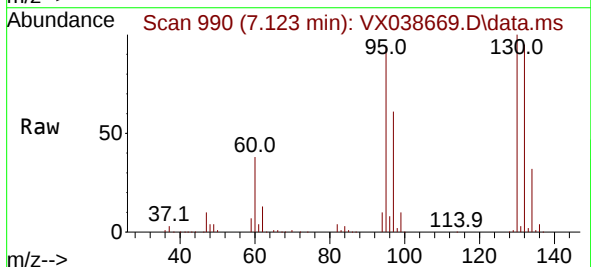
Manual Integrations
APPROVED

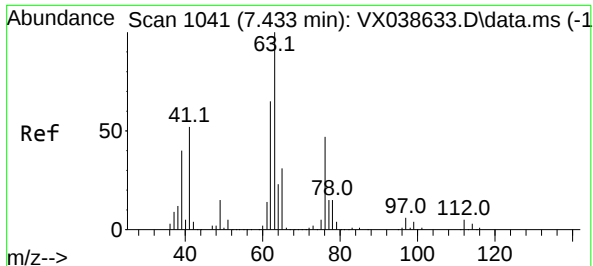
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Trichloroethene
Concen: 54.615 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion:130 Resp: 223940
Ion Ratio Lower Upper
130 100
95 94.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.215 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17271

Ion Ratio Lower Upper

63 100

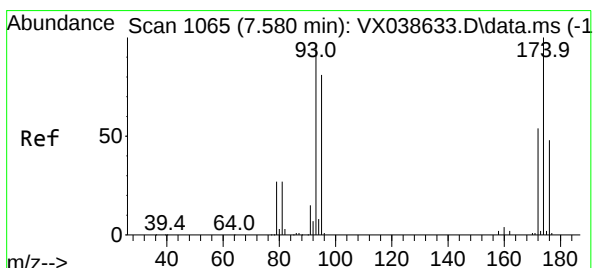
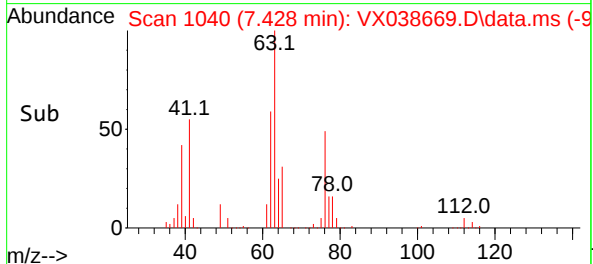
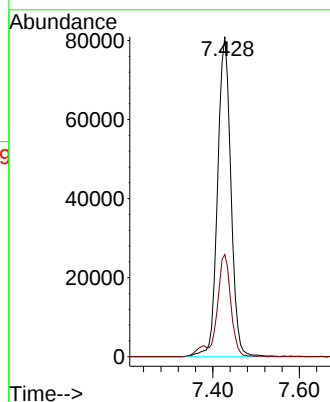
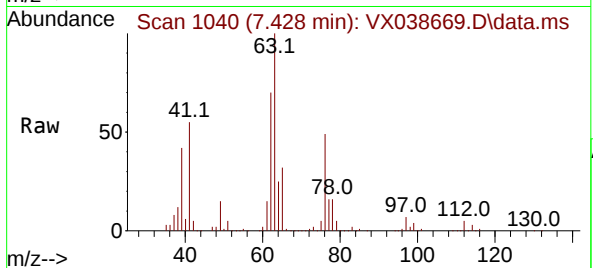
65 31.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 54.337 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

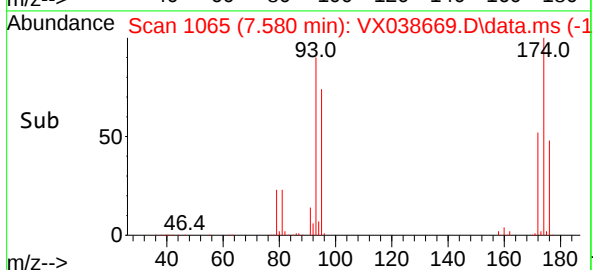
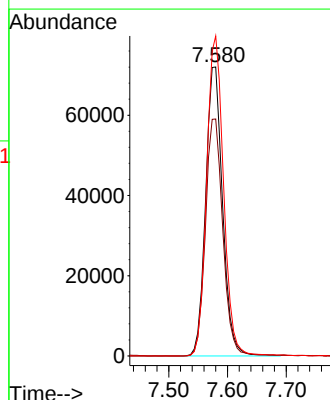
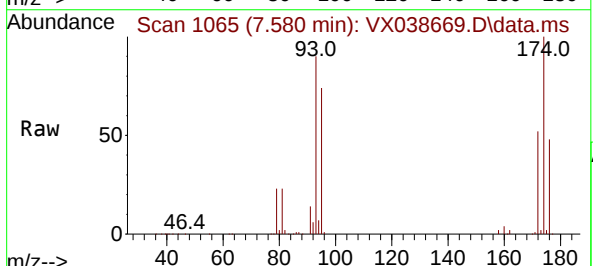
Tgt Ion: 93 Resp: 144767

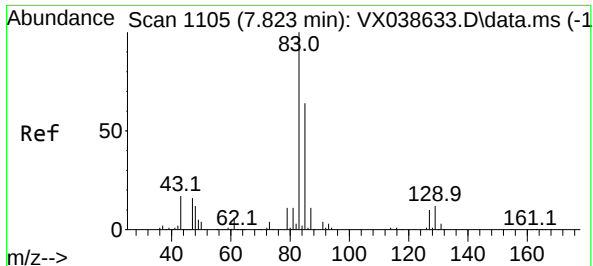
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

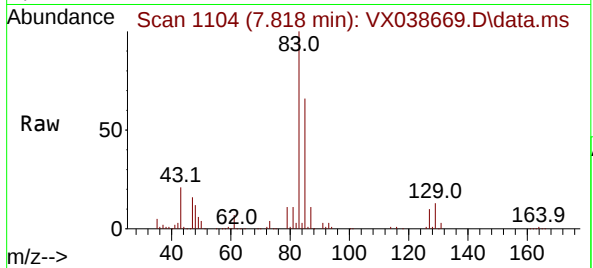
174 110.7 69.4 104.0#





#47
Bromodichloromethane
Concen: 53.818 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

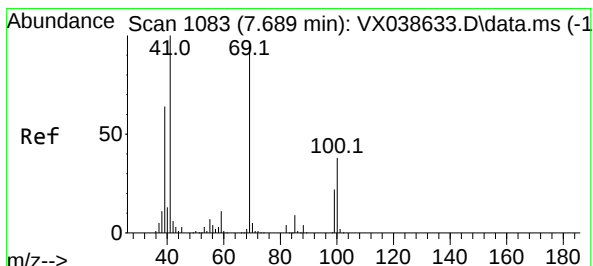
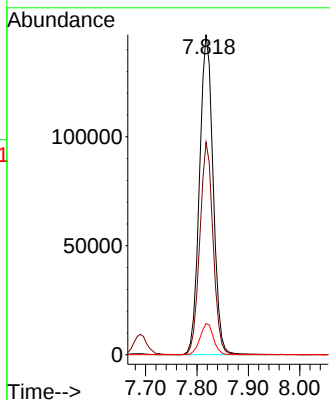
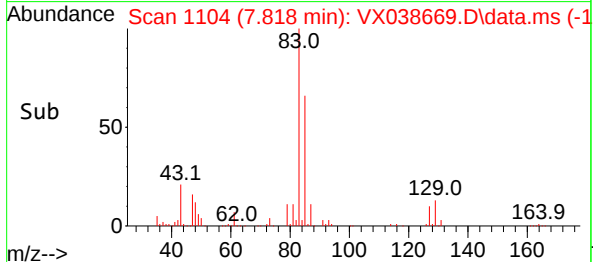
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



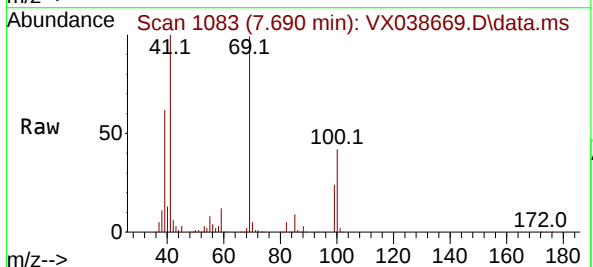
Tgt Ion: 83 Resp: 269650
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
APPROVED

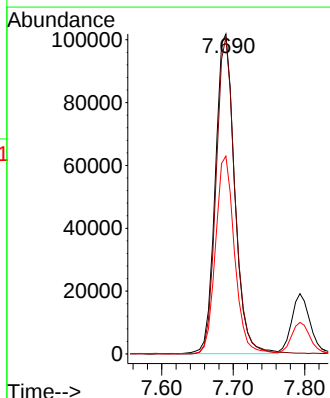
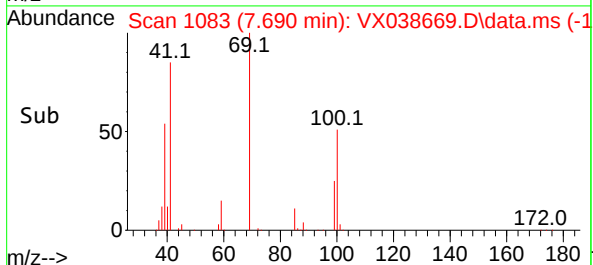
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

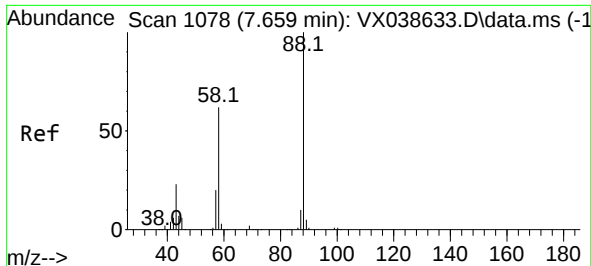


#48
Methyl methacrylate
Concen: 55.227 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



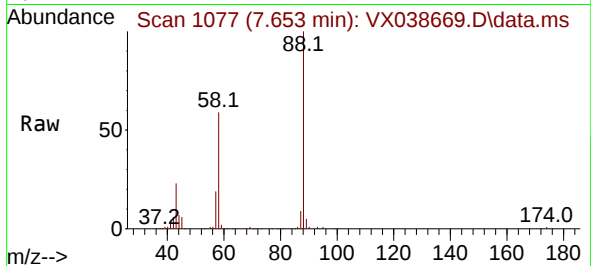
Tgt Ion: 41 Resp: 191146
Ion Ratio Lower Upper
41 100
69 96.6 59.2 88.8
39 60.9 47.7 71.5





#49
1,4-Dioxane
Concen: 1084.186 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

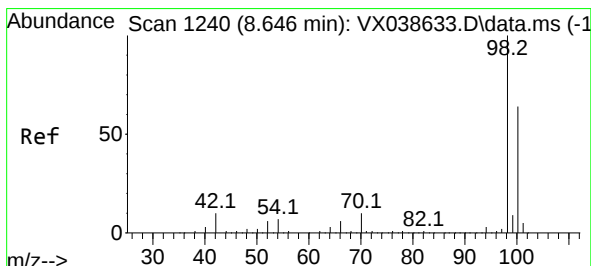
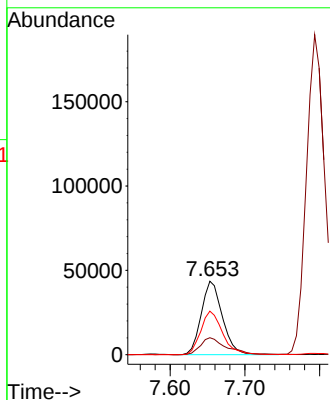
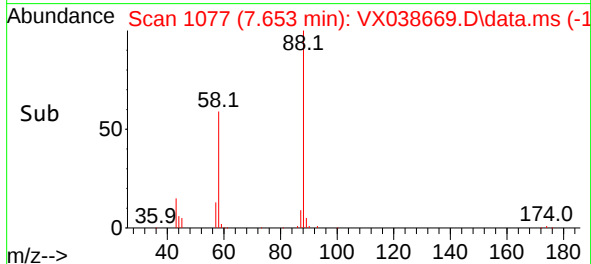
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 85425
Ion Ratio Lower Upper
88 100
43 28.3 0.0 0.0
58 61.1 60.1 90.1

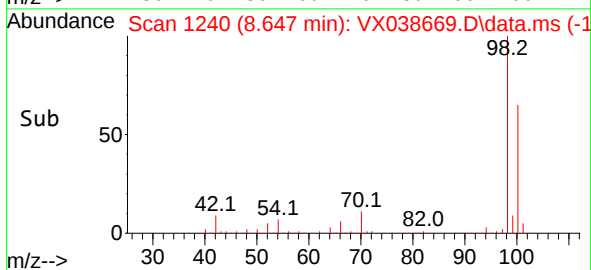
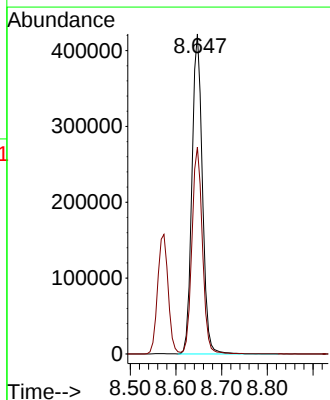
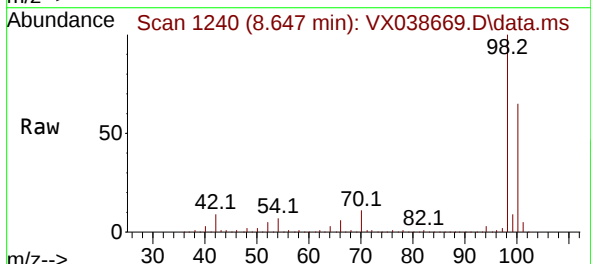
Manual Integrations
APPROVED

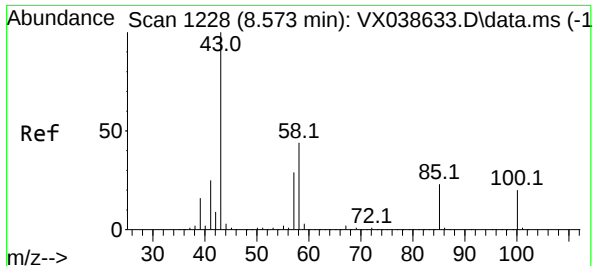
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 50.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 98 Resp: 669120
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





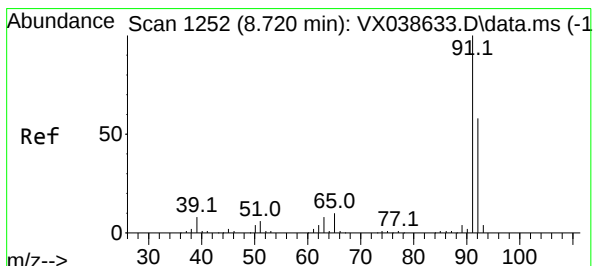
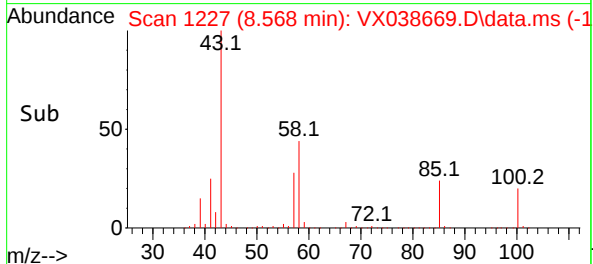
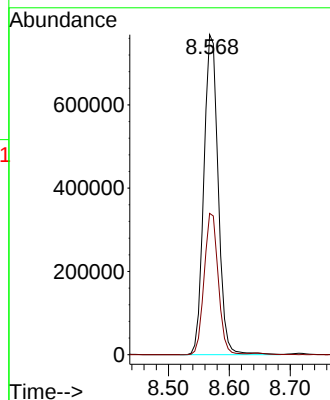
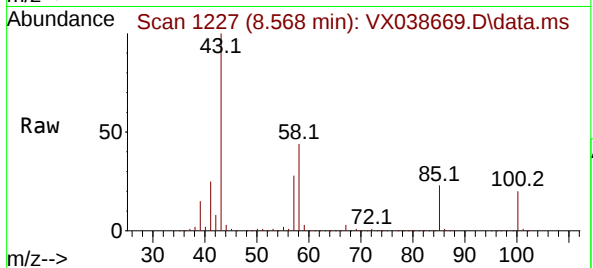
#51
4-Methyl-2-Pentanone
Concen: 268.859 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1258040
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6

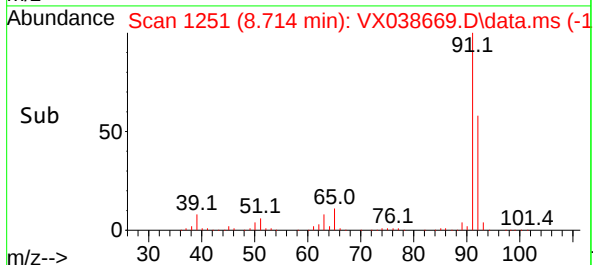
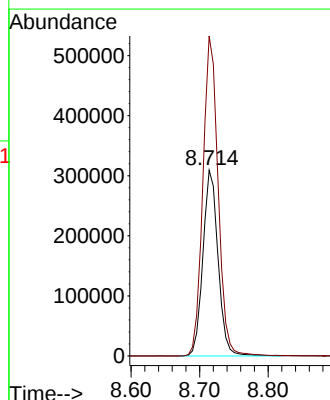
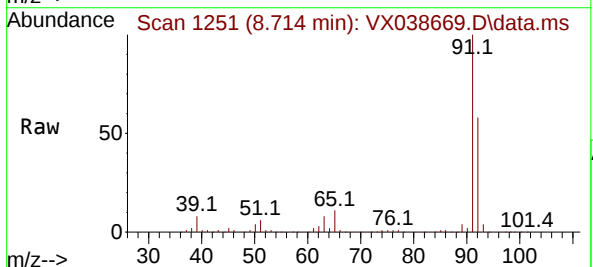
Manual Integrations
APPROVED

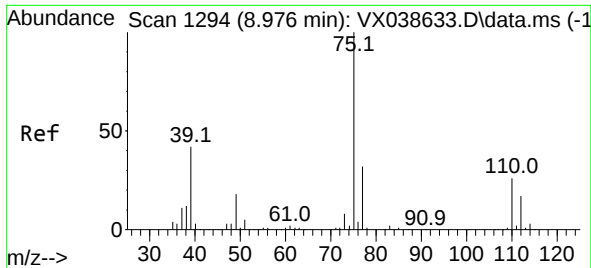
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Toluene
Concen: 55.170 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 92 Resp: 476284
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





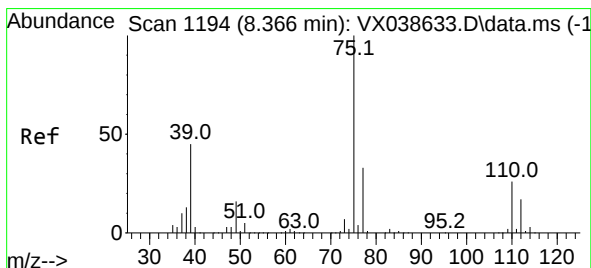
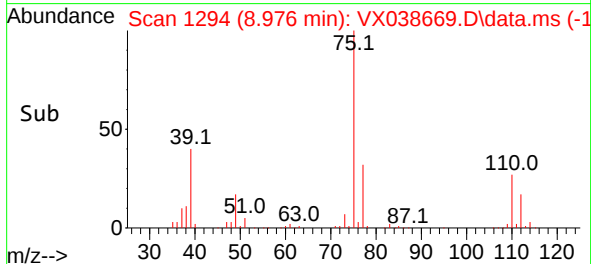
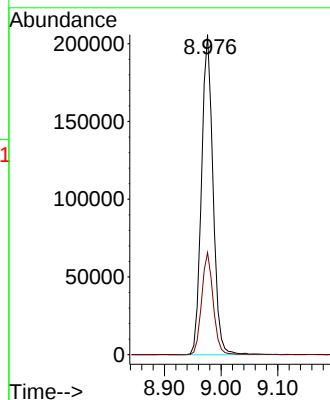
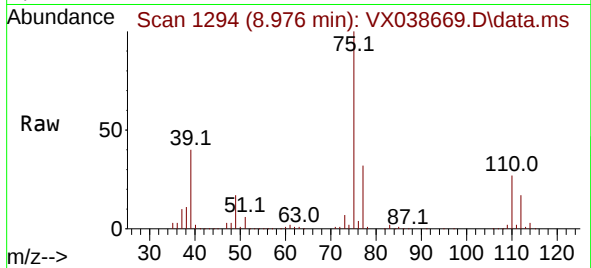
#53
t-1,3-Dichloropropene
Concen: 57.034 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 290935
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

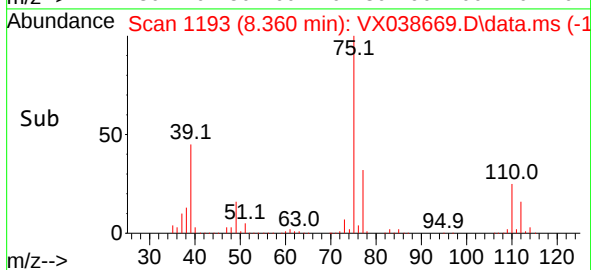
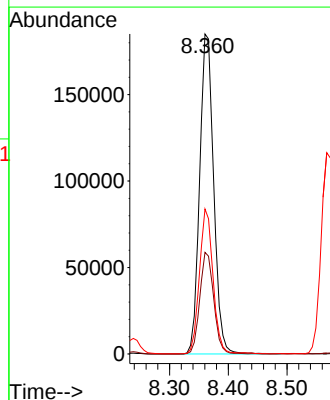
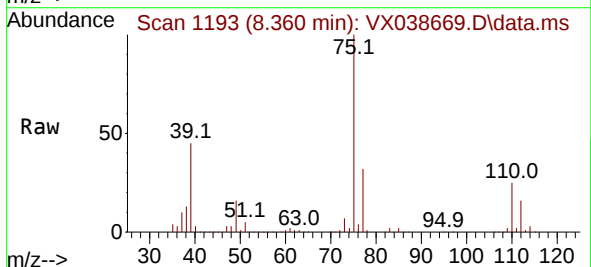
Manual Integrations
APPROVED

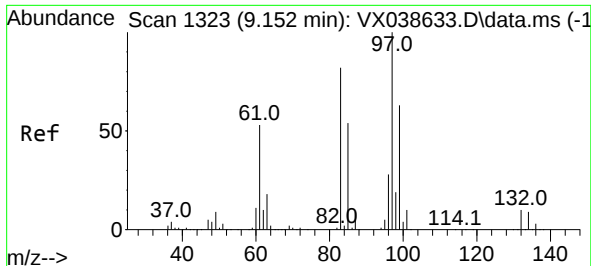
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#54
cis-1,3-Dichloropropene
Concen: 57.112 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 75 Resp: 307553
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 45.3 46.7 70.1#





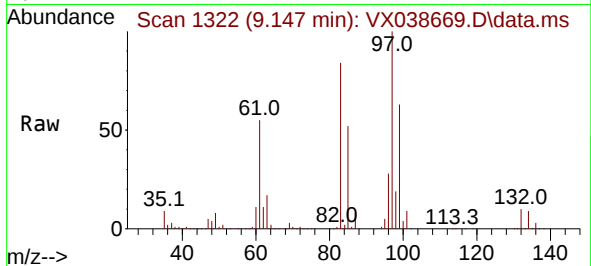
#55
1,1,2-Trichloroethane
Concen: 55.303 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 20257

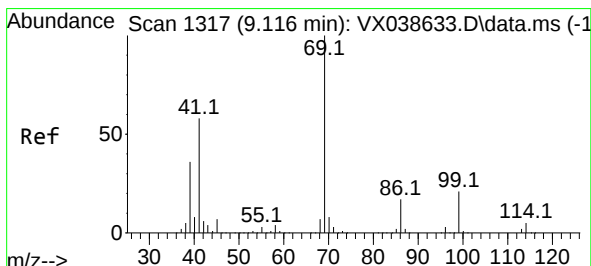
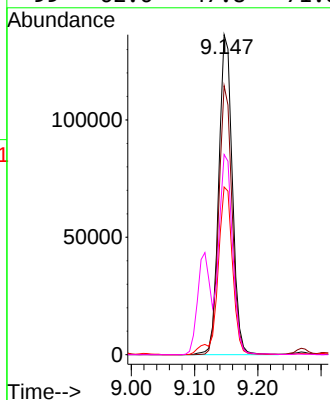
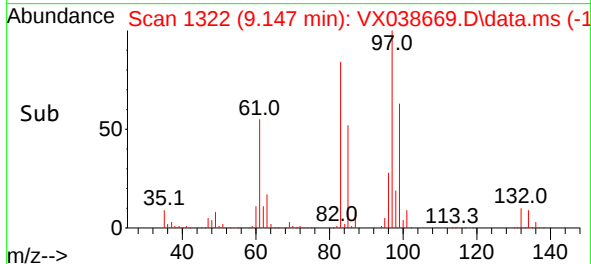
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.8
85	52.4	41.6	62.4
99	62.6	47.8	71.8

Manual Integrations

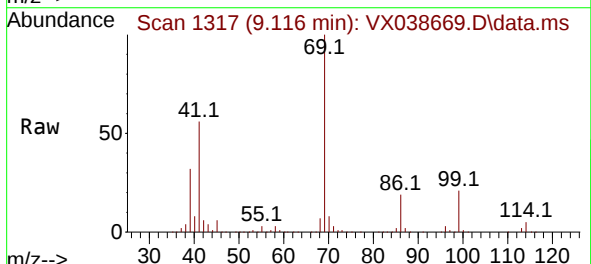
APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023

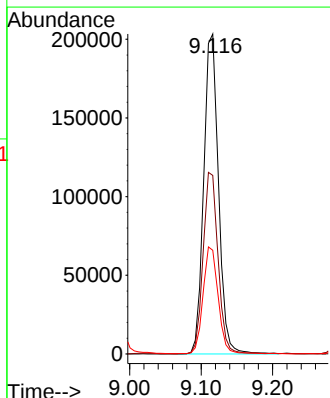
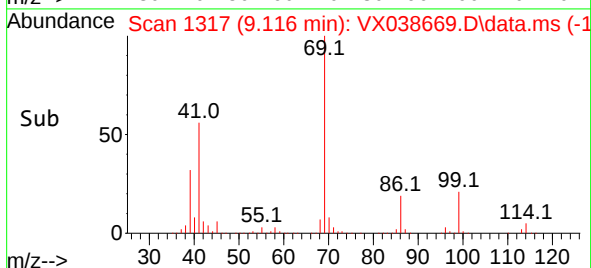


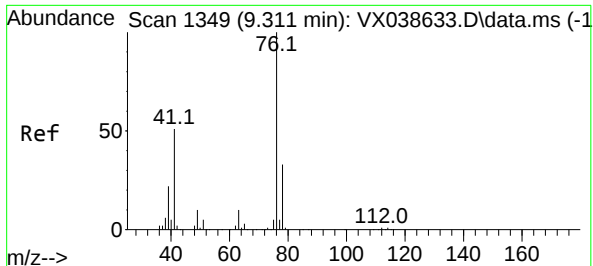
#56
Ethyl methacrylate
Concen: 57.131 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



Tgt Ion: 69 Resp: 292793

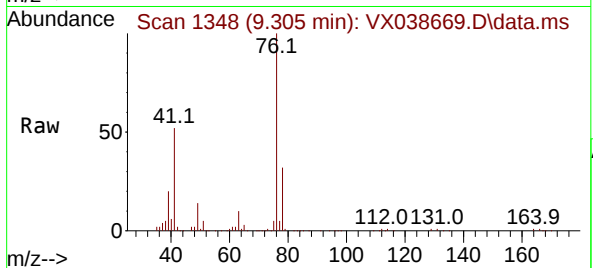
Ion	Ratio	Lower	Upper
69	100		
41	57.3	56.8	85.2
39	34.2	32.0	48.0





#57
1,3-Dichloropropane
Concen: 54.881 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

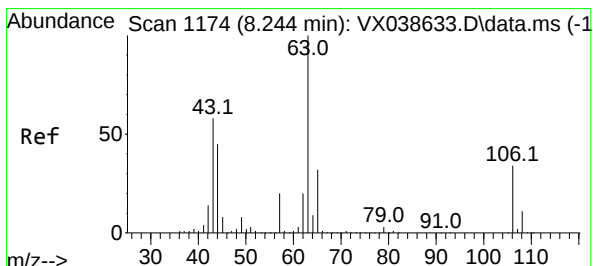
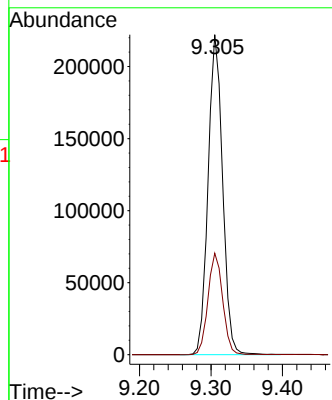
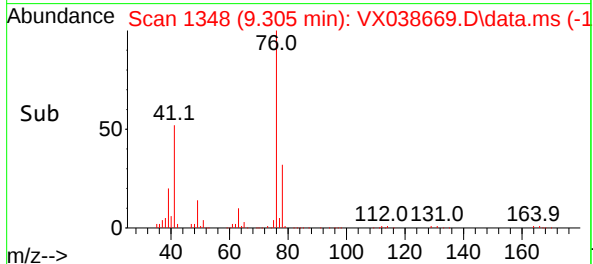
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



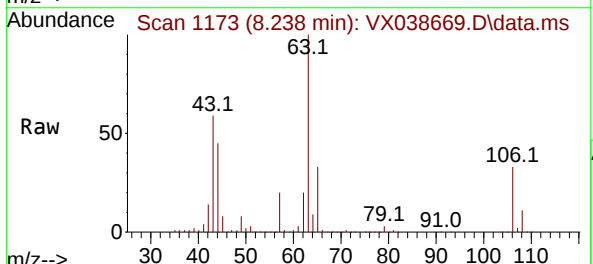
Tgt Ion: 76 Resp: 31311
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

Manual Integrations
APPROVED

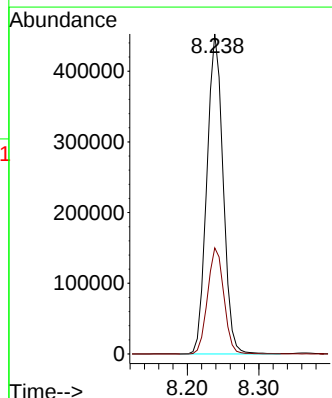
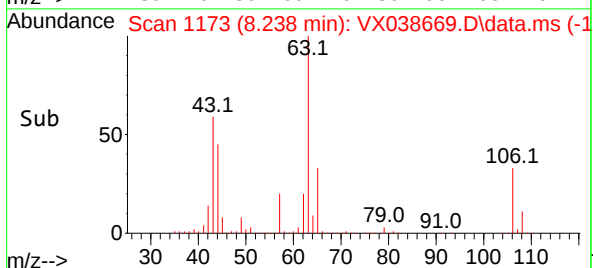
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

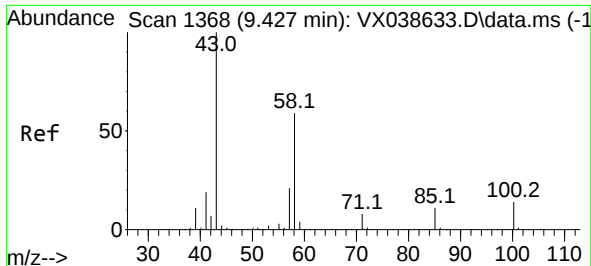


#58
2-Chloroethyl Vinyl ether
Concen: 282.861 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



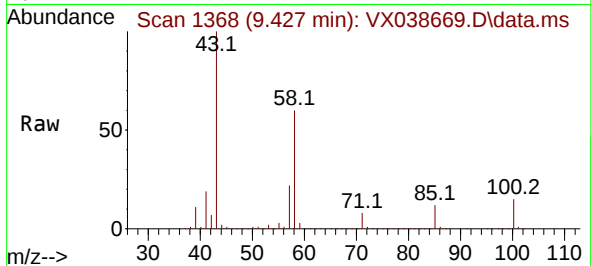
Tgt Ion: 63 Resp: 712744
Ion Ratio Lower Upper
63 100
106 33.2 22.5 33.7





#59
2-Hexanone
Concen: 268.376 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

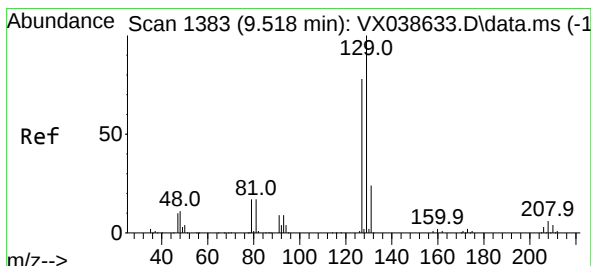
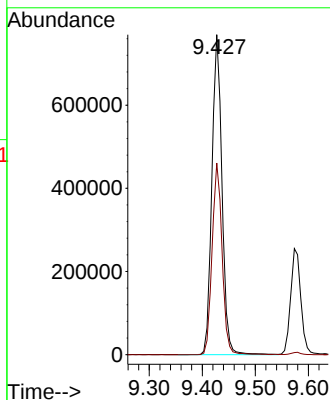
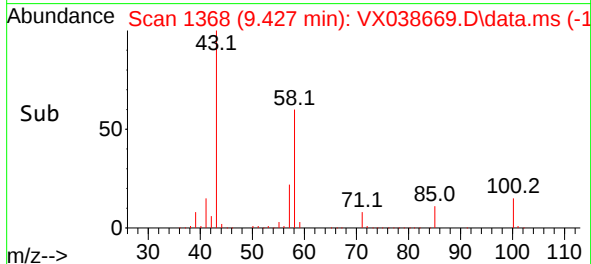
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101610
Ion Ratio Lower Upper
43 100
58 59.5 26.2 78.5

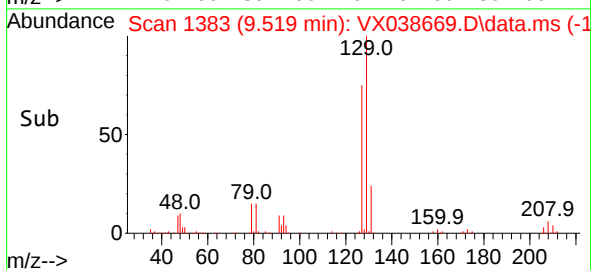
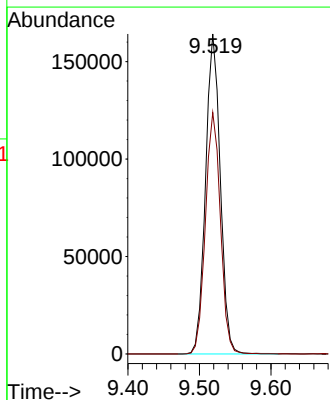
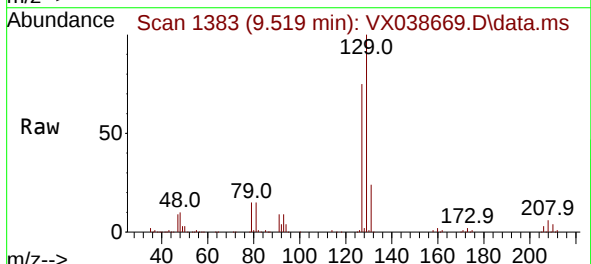
Manual Integrations
APPROVED

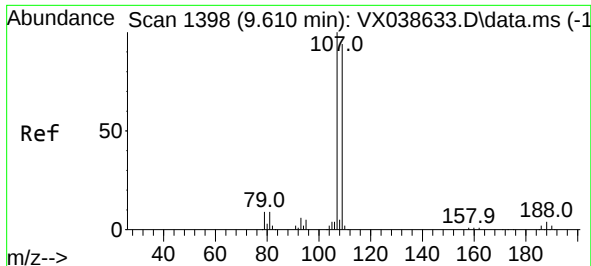
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
Dibromochloromethane
Concen: 57.129 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

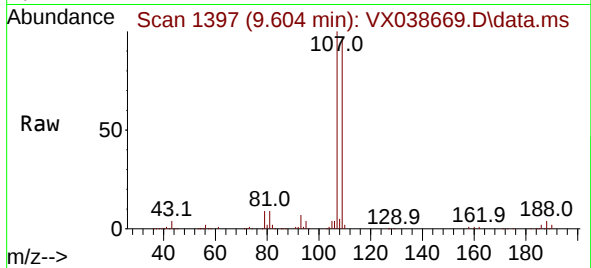
Tgt Ion:129 Resp: 234912
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.884 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

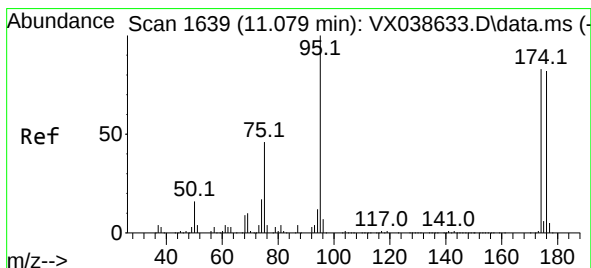
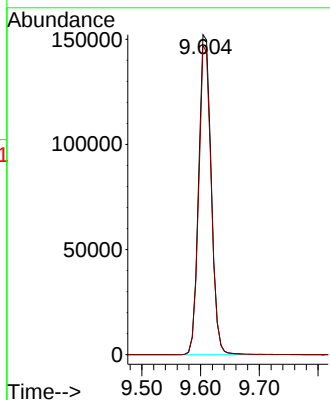
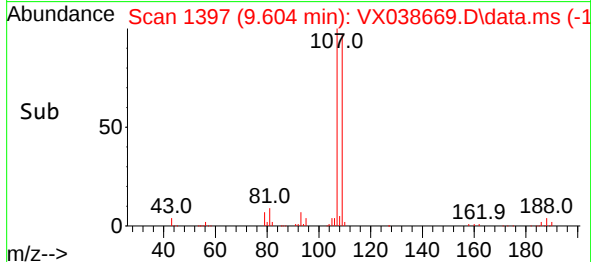
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



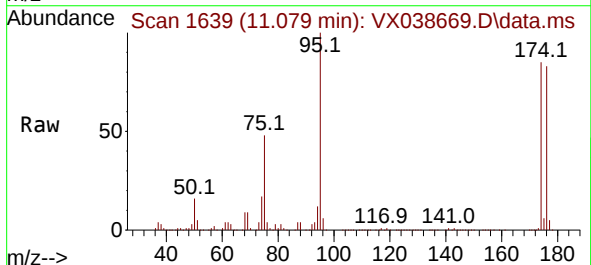
Tgt Ion:107 Resp: 225940
Ion Ratio Lower Upper
107 100
109 95.9 75.2 112.8

Manual Integrations
APPROVED

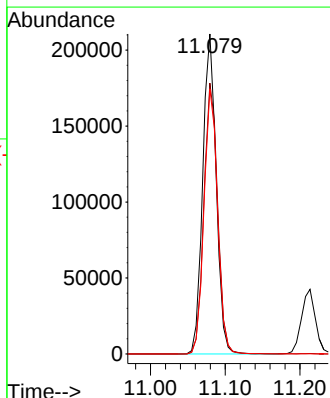
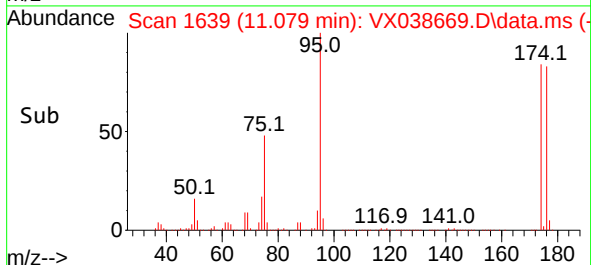
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

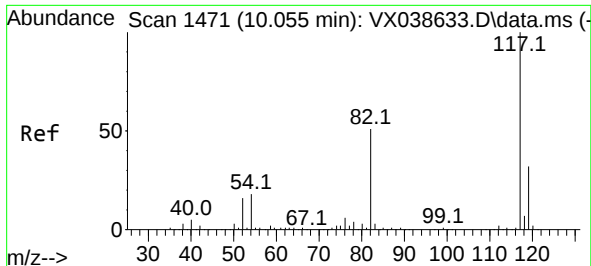


#62
4-Bromofluorobenzene
Concen: 51.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



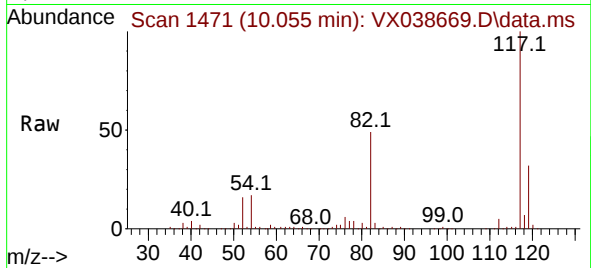
Tgt Ion: 95 Resp: 262748
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

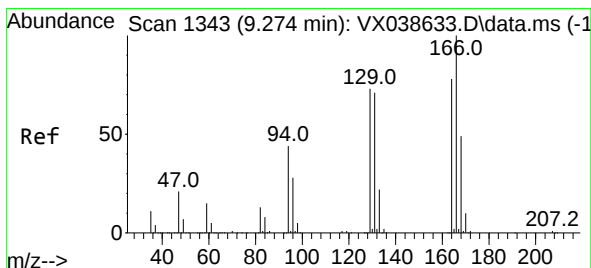
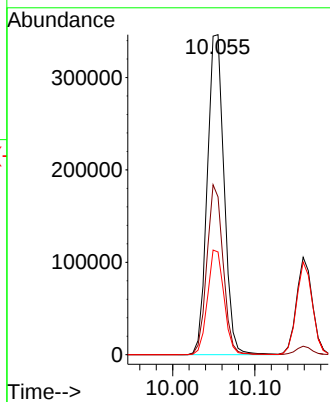
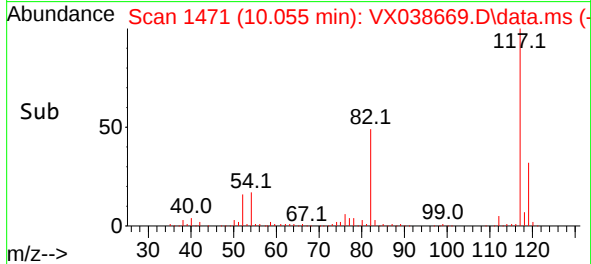
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 490890
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.1 25.5 38.3

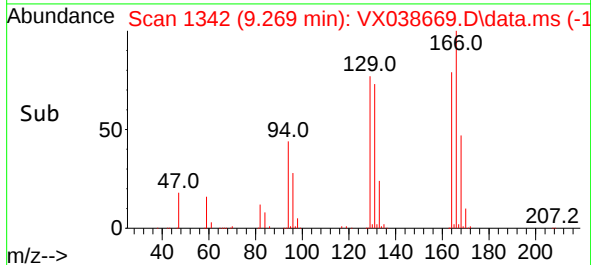
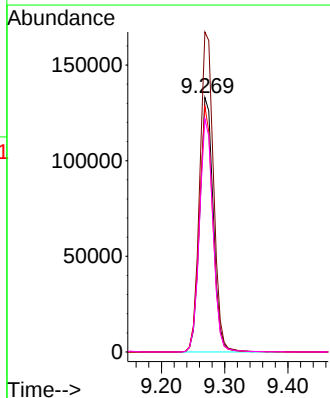
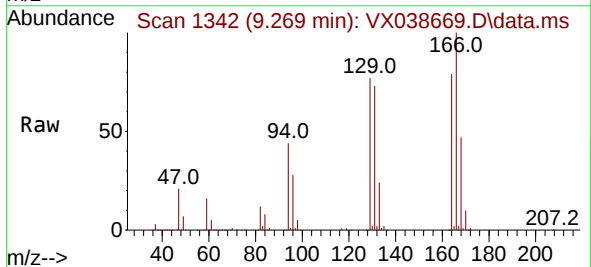
Manual Integrations
APPROVED

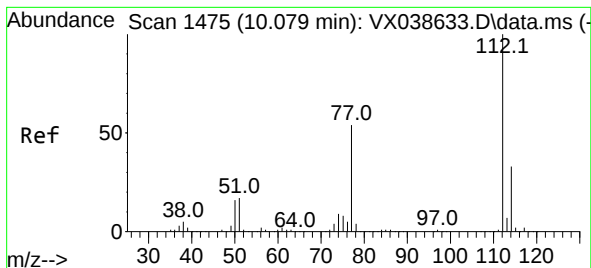
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 53.810 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

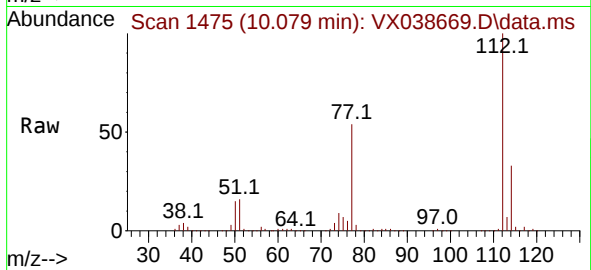
Tgt Ion:164 Resp: 197724
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 96.5 80.4 120.6
131 91.6 76.5 114.7





#65
Chlorobenzene
Concen: 55.005 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

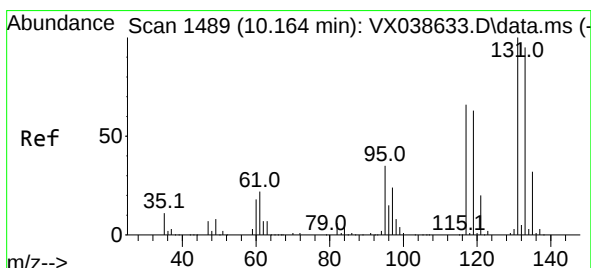
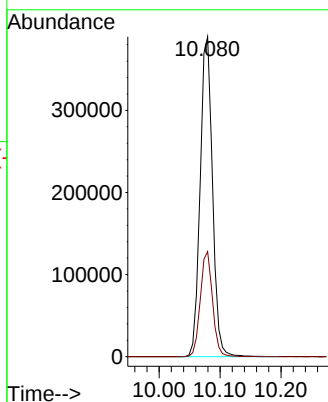
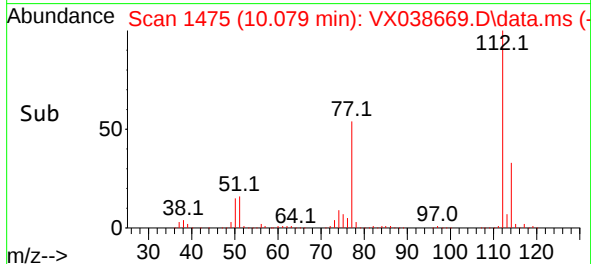
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



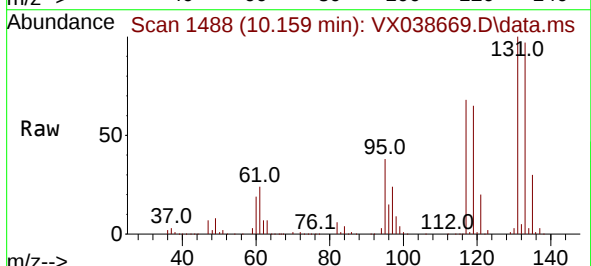
Tgt Ion:112 Resp: 549659
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

Manual Integrations
APPROVED

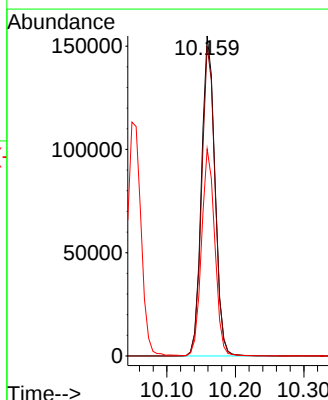
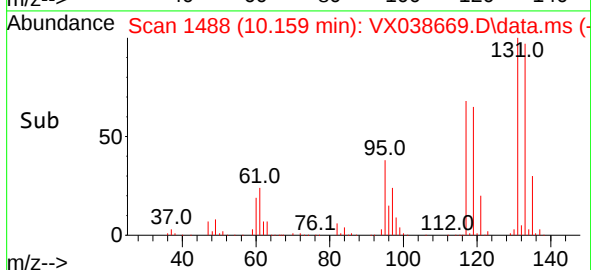
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

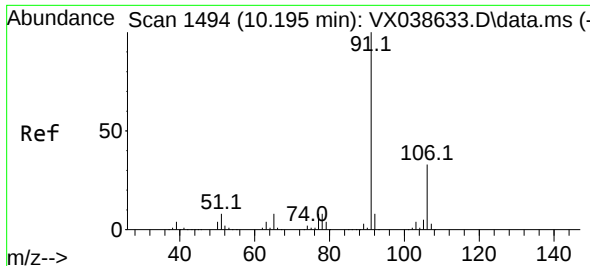


#66
1,1,1,2-Tetrachloroethane
Concen: 56.362 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



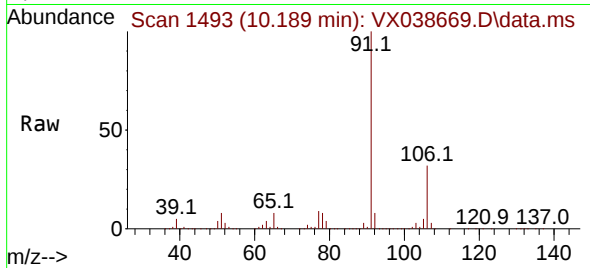
Tgt Ion:131 Resp: 211727
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 63.6 32.2 96.6





#67
Ethyl Benzene
Concen: 55.635 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

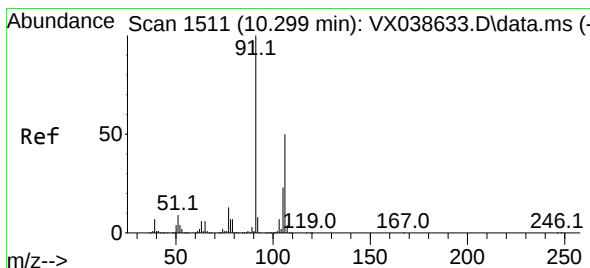
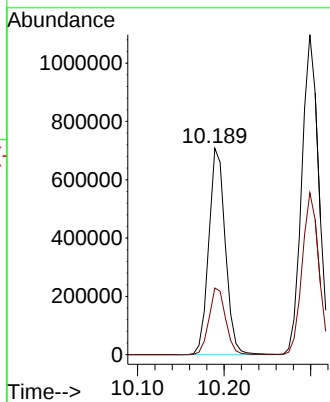
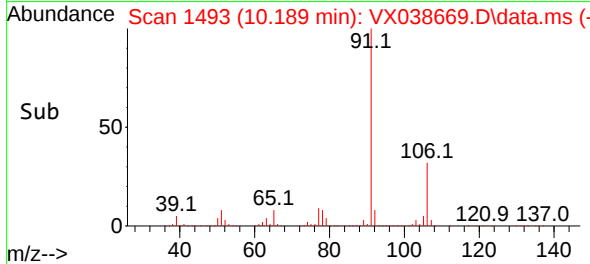
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 940418
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

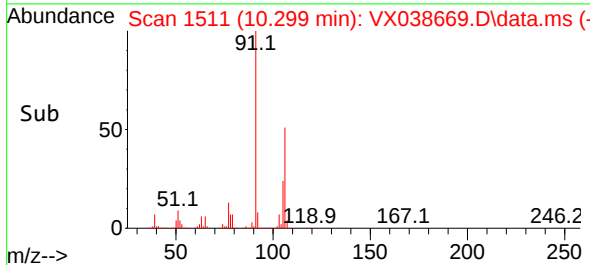
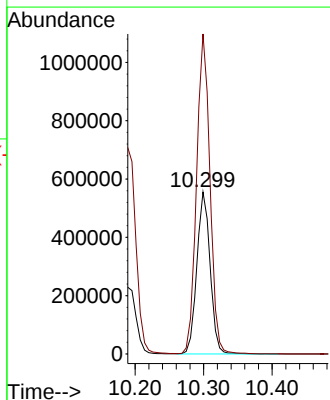
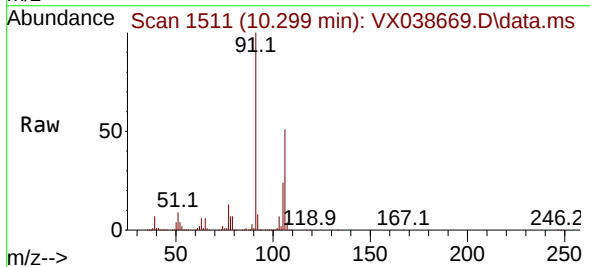
Manual Integrations
APPROVED

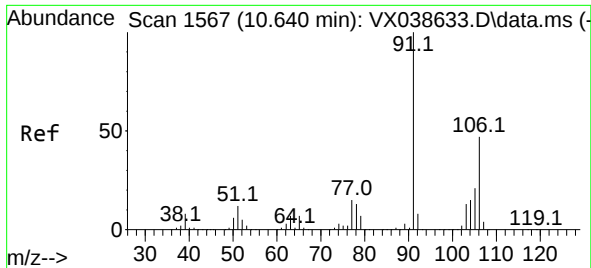
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#68
m/p-Xylenes
Concen: 111.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

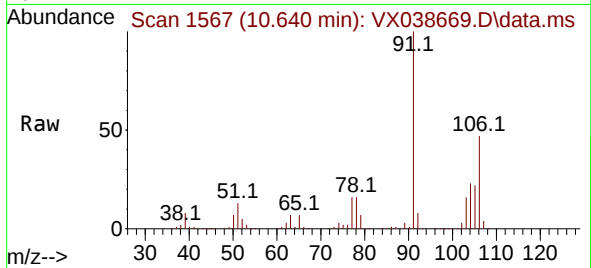
Tgt Ion:106 Resp: 748887
Ion Ratio Lower Upper
106 100
91 199.8 165.5 248.3





#69
o-Xylene
Concen: 55.457 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

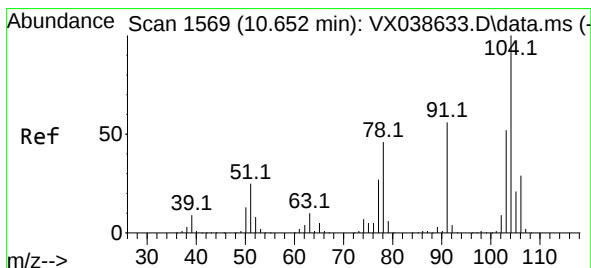
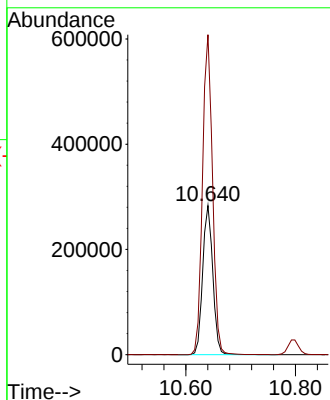
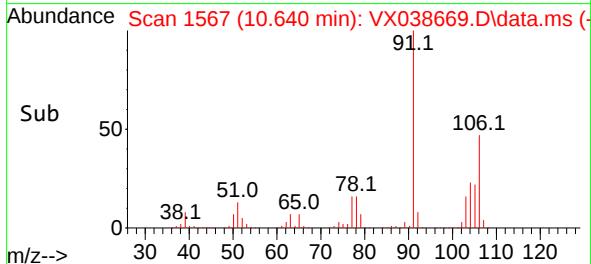
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



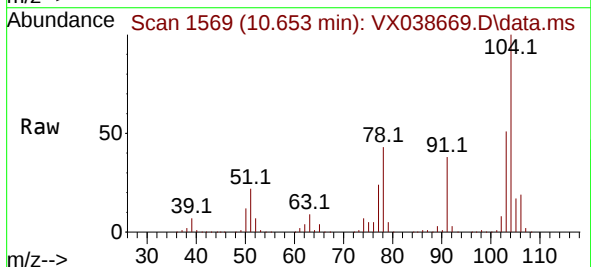
Tgt Ion:106 Resp: 361798
Ion Ratio Lower Upper
106 100
91 212.8 108.9 326.8

Manual Integrations
APPROVED

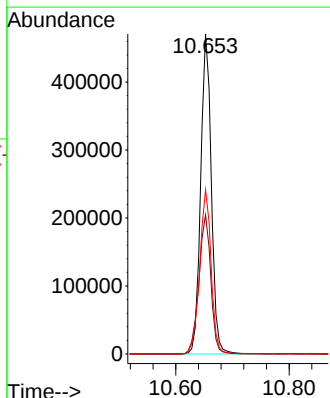
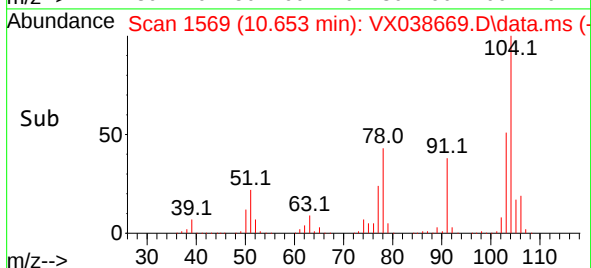
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

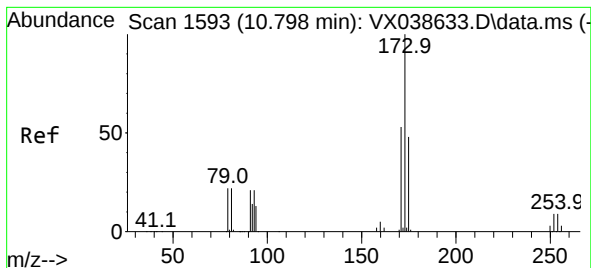


#70
Styrene
Concen: 56.801 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



Tgt Ion:104 Resp: 611583
Ion Ratio Lower Upper
104 100
78 48.6 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 56.328 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 186768

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

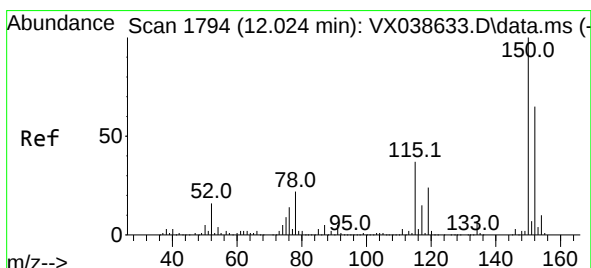
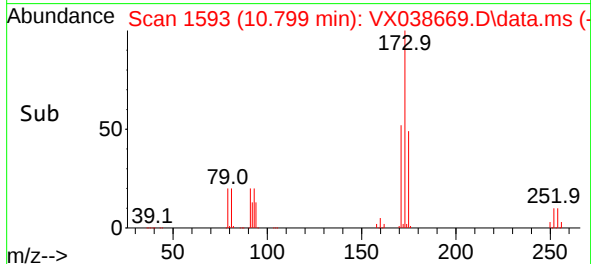
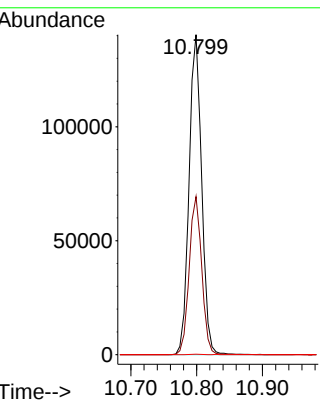
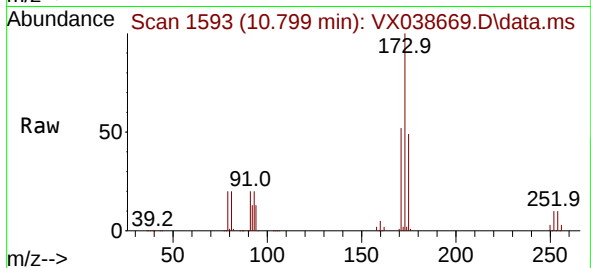
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

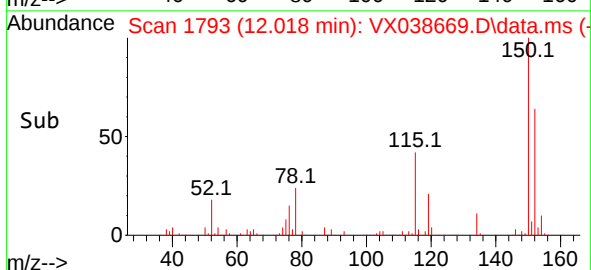
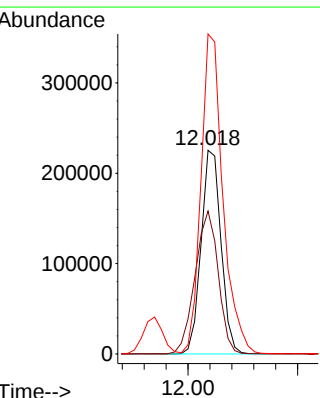
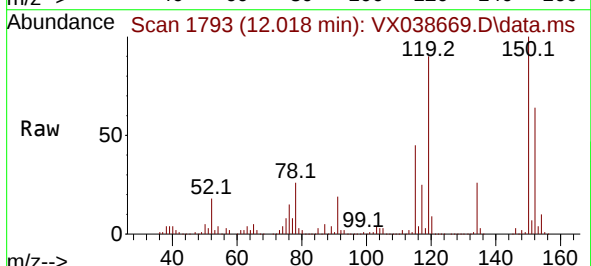
Tgt Ion:152 Resp: 284641

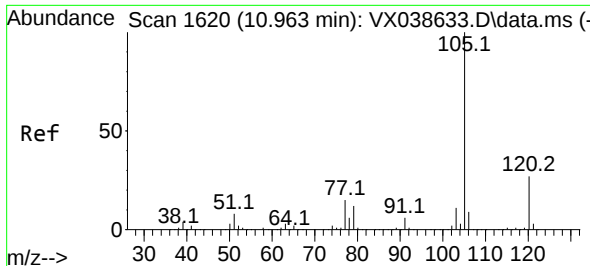
Ion Ratio Lower Upper

152 100

115 81.8 43.3 129.9

150 173.7 0.0 345.0





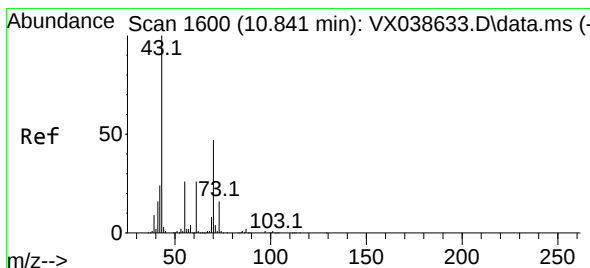
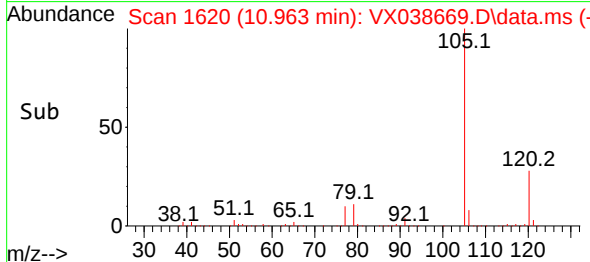
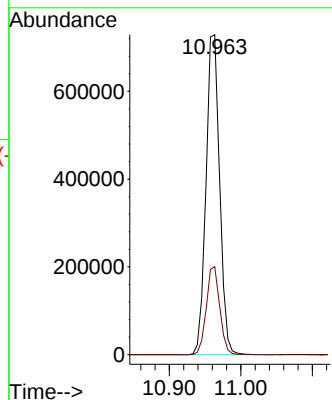
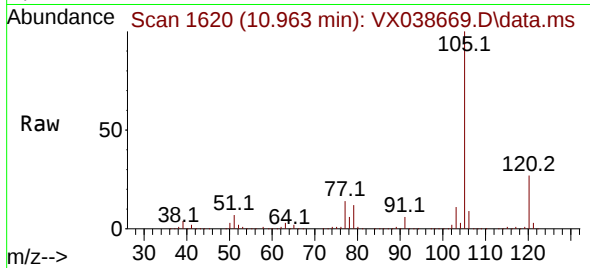
#73
Isopropylbenzene
Concen: 55.353 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 966602
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

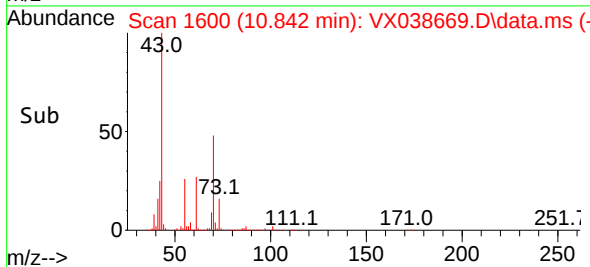
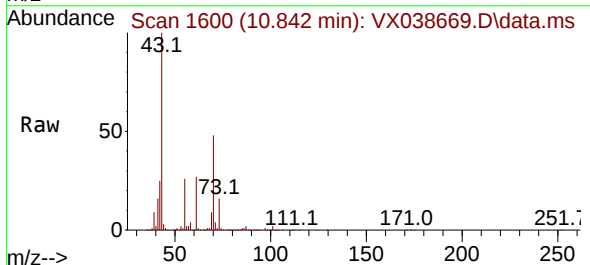
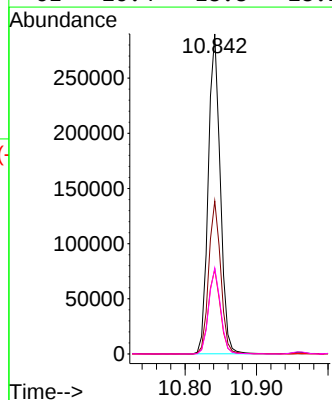
Manual Integrations
APPROVED

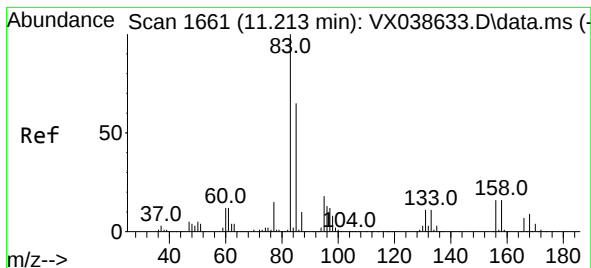
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#74
N-ethyl acetate
Concen: 55.680 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

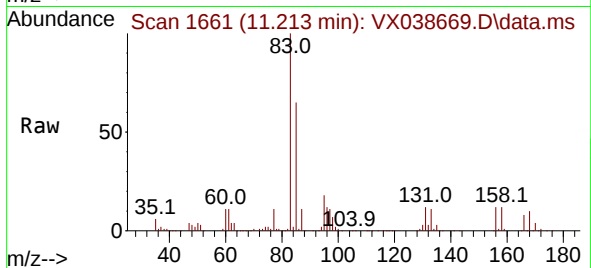
Tgt Ion: 43 Resp: 337840
Ion Ratio Lower Upper
43 100
70 47.8 32.9 49.3
55 26.4 19.3 28.9
61 26.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.921 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

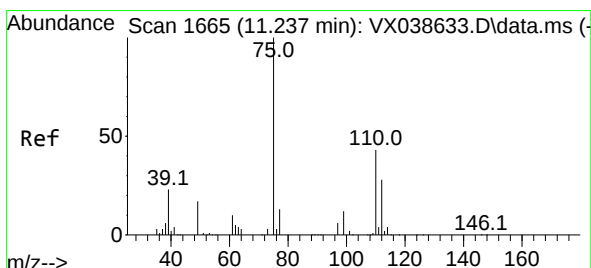
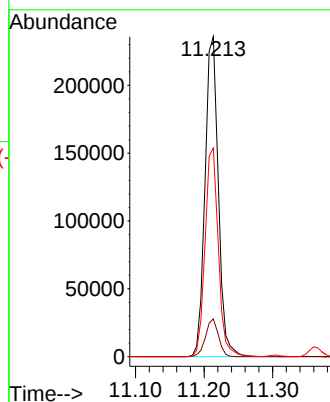
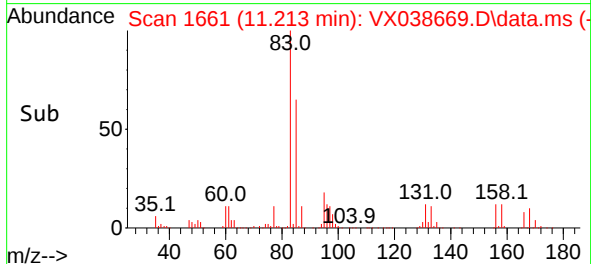
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



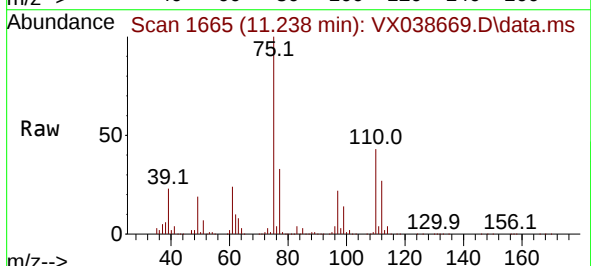
Tgt Ion: 83 Resp: 31948
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
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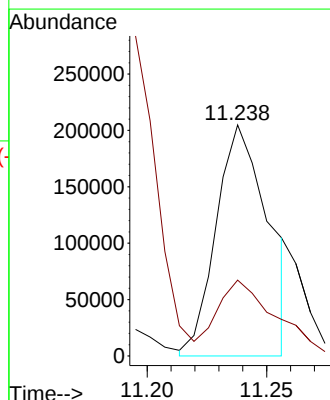
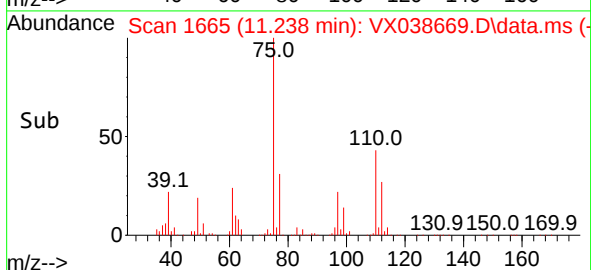
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

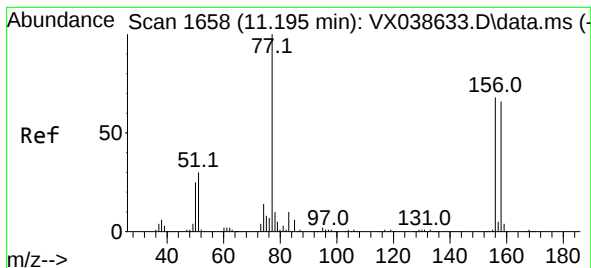


#76
1,2,3-Trichloropropane
Concen: 54.999 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48



Tgt Ion: 75 Resp: 310047
Ion Ratio Lower Upper
75 100
77 37.1 19.1 57.5





#77

Bromobenzene

Concen: 53.801 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 257840

Ion Ratio Lower Upper

156 100

77 139.5 88.4 265.3

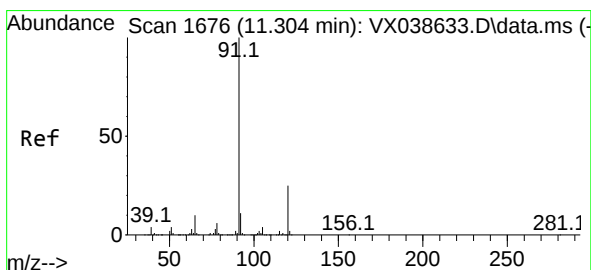
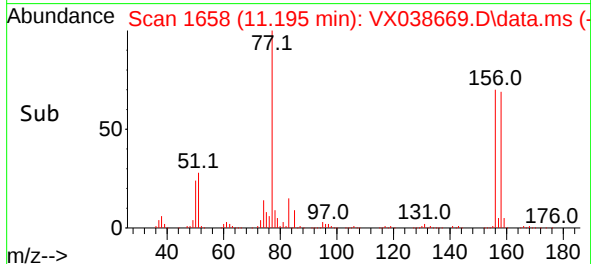
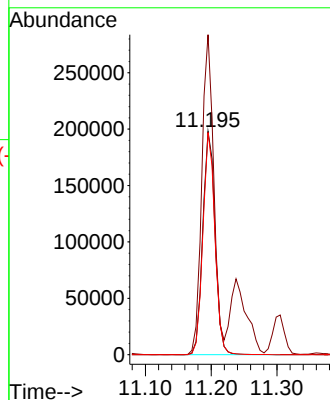
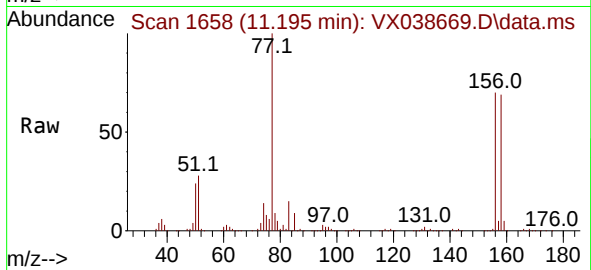
158 97.1 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#78

n-propylbenzene

Concen: 55.176 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038669.D

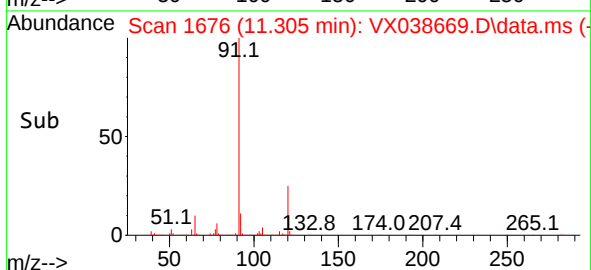
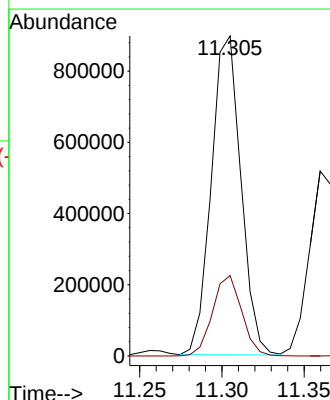
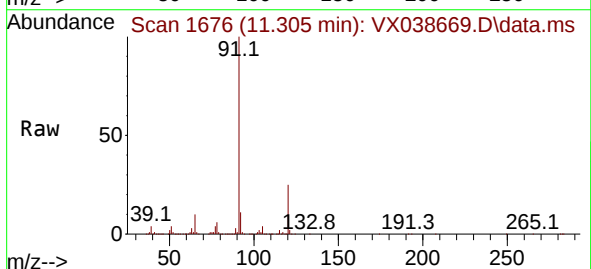
Acq: 09 Nov 2023 10:48

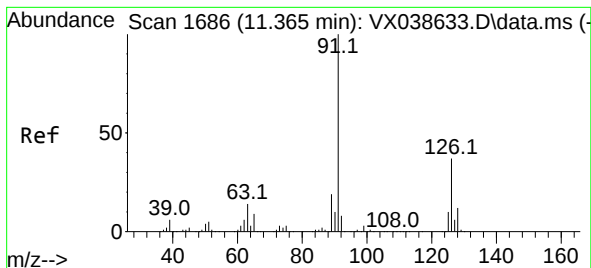
Tgt Ion: 91 Resp: 1121221

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.257 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 66010

Ion Ratio Lower Upper

91 100

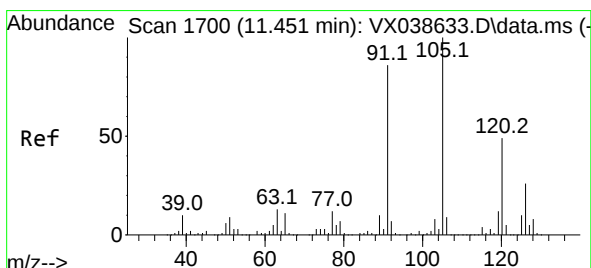
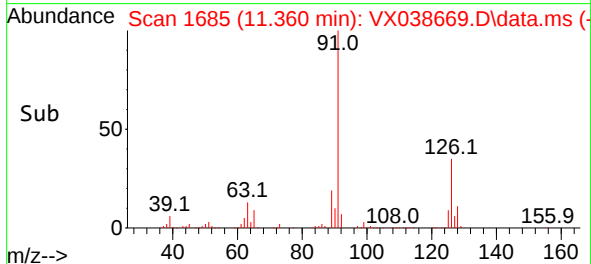
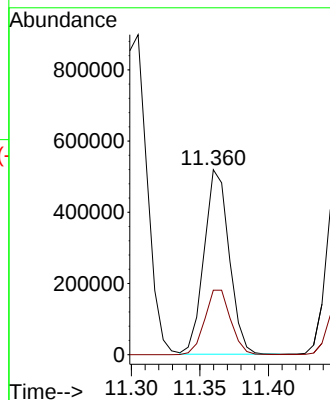
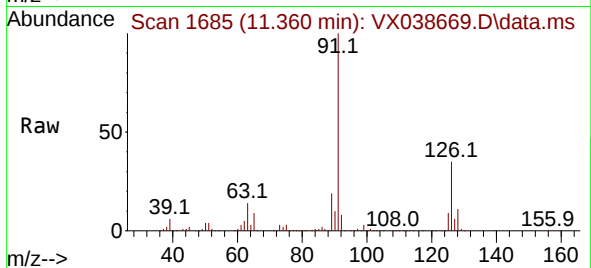
126 36.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 55.647 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038669.D

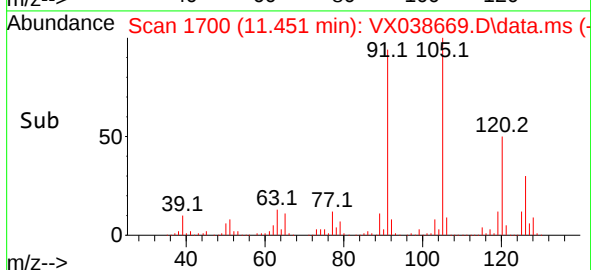
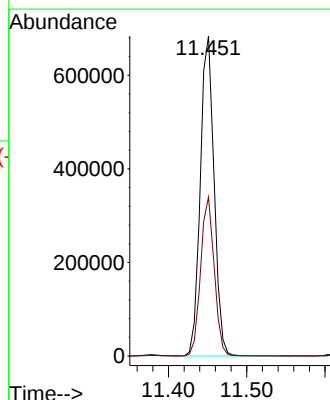
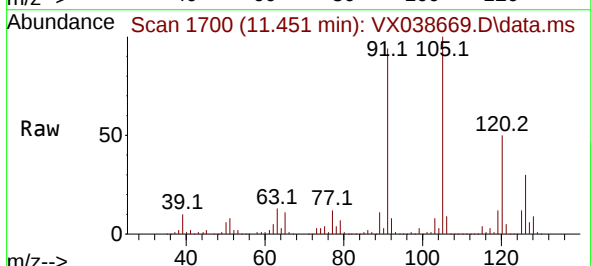
Acq: 09 Nov 2023 10:48

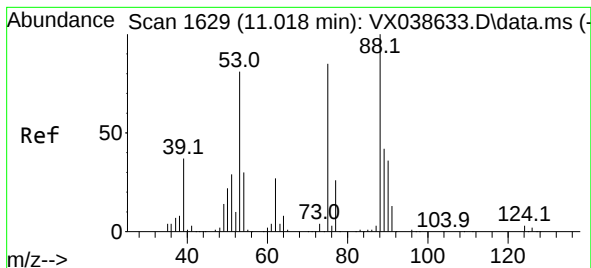
Tgt Ion:105 Resp: 836320

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3





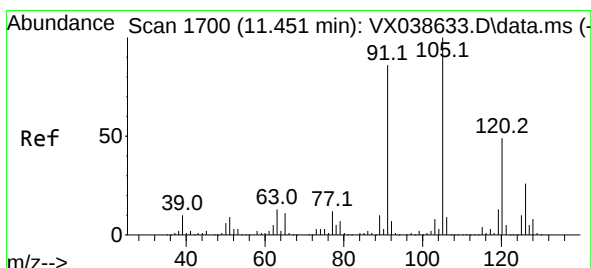
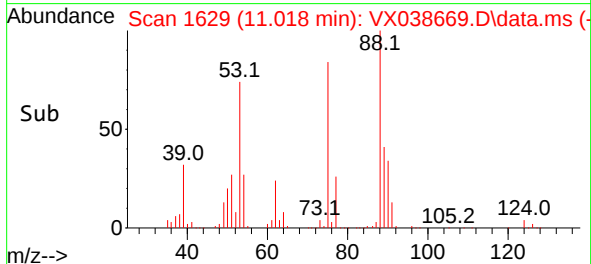
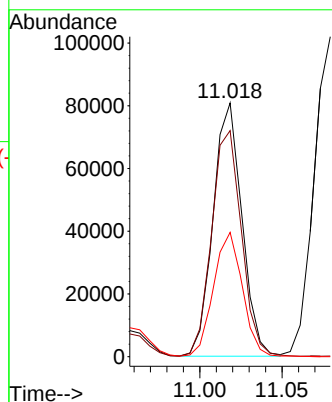
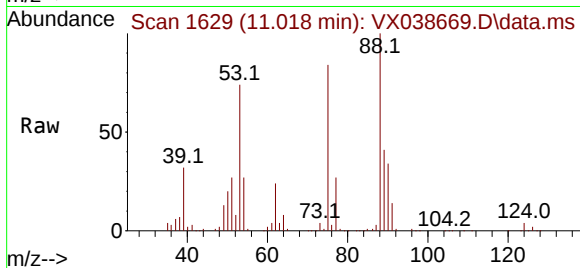
#81
trans-1,4-Dichloro-2-butene
Concen: 54.034 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 98218
Ion Ratio Lower Upper
75 100
53 92.3 90.5 135.7
89 49.4 36.9 55.3

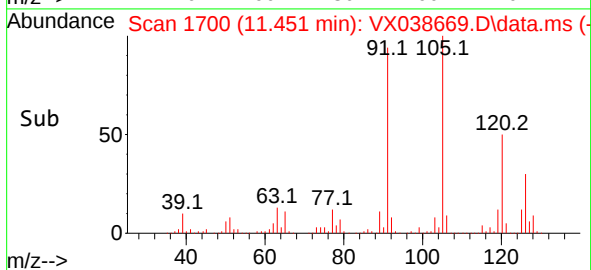
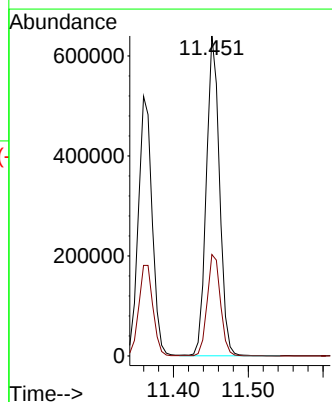
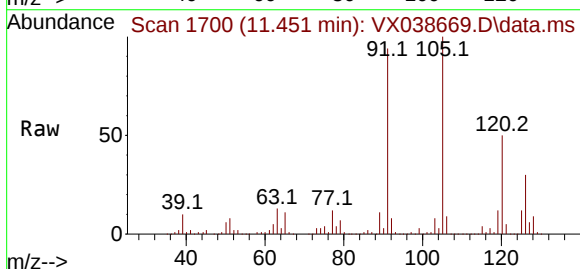
Manual Integrations
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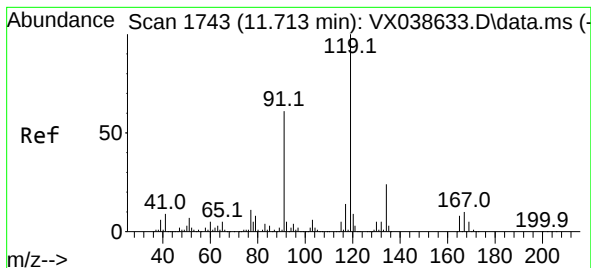
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 54.945 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 91 Resp: 780933
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.540 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 845809

Ion Ratio Lower Upper

119 100

91 56.6 31.2 93.6

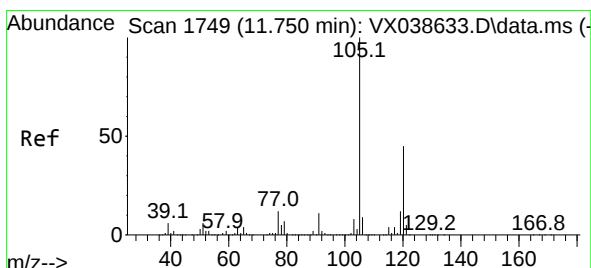
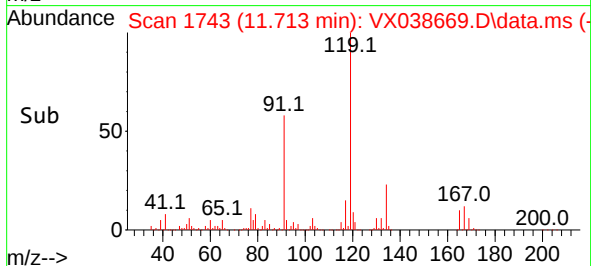
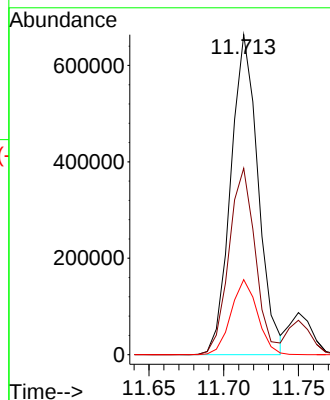
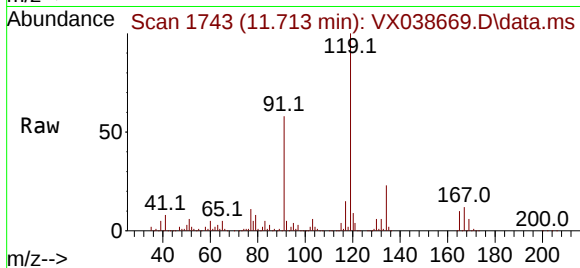
134 22.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 55.475 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038669.D

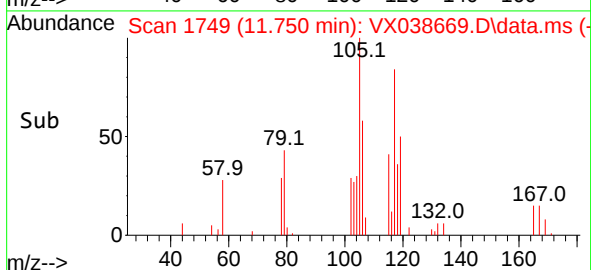
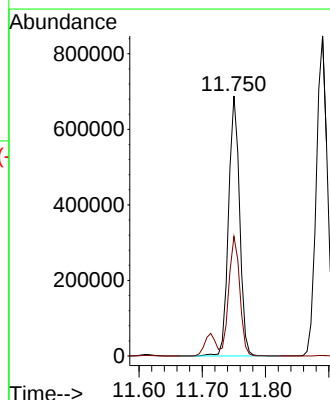
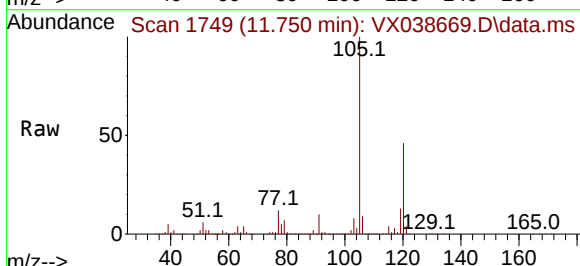
Acq: 09 Nov 2023 10:48

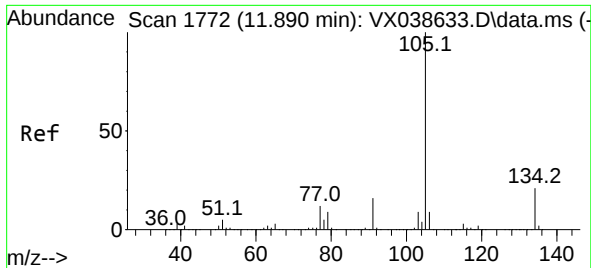
Tgt Ion:105 Resp: 826923

Ion Ratio Lower Upper

105 100

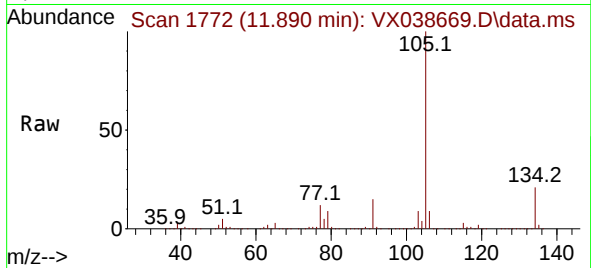
120 46.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.522 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038669.D
 Acq: 09 Nov 2023 10:48

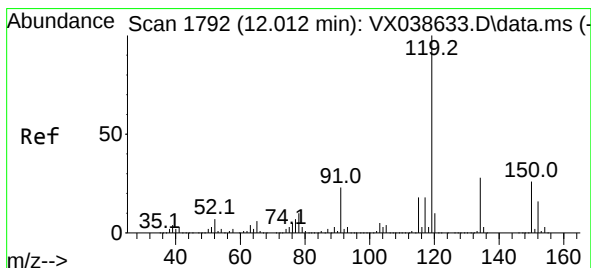
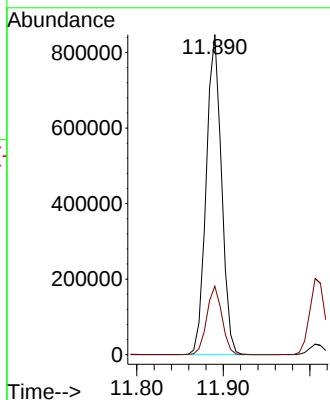
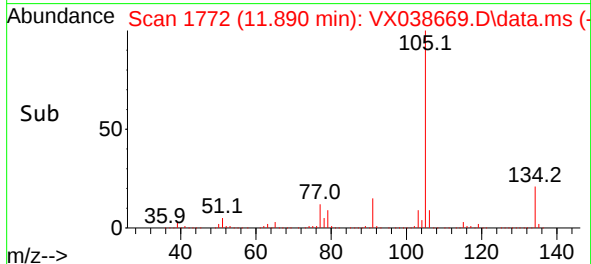
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



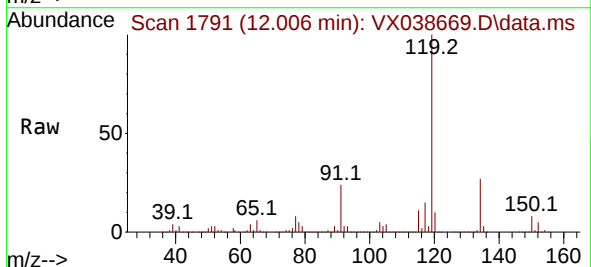
Tgt Ion:105 Resp: 103604
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

Manual Integrations
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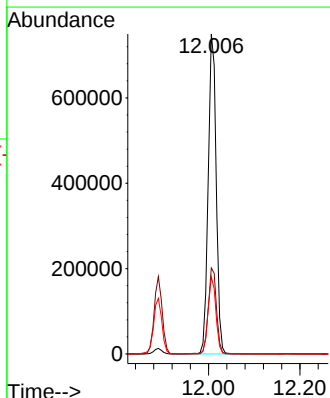
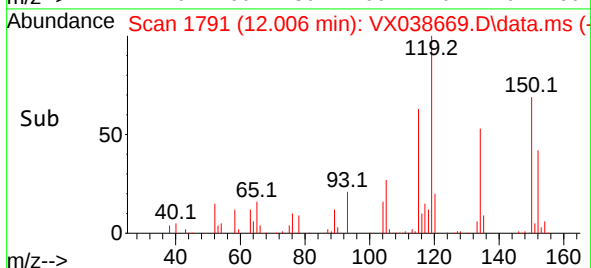
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023

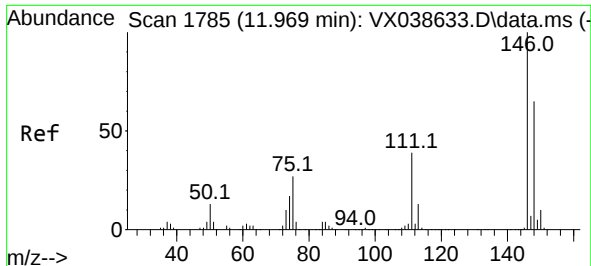


#86
 p-Isopropyltoluene
 Concen: 56.108 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038669.D
 Acq: 09 Nov 2023 10:48



Tgt Ion:119 Resp: 908251
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.756 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038669.D

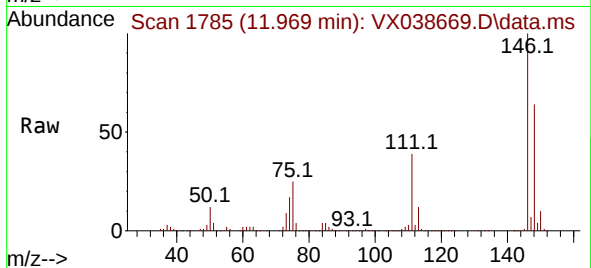
Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 49256

Ion Ratio Lower Upper

146 100

111 39.7 22.1 66.1

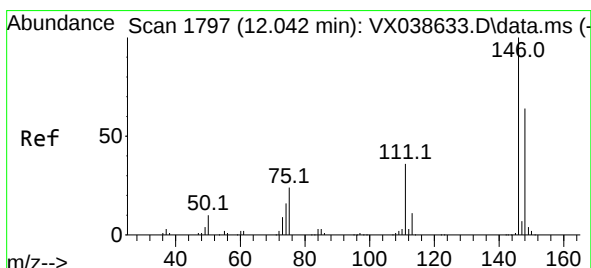
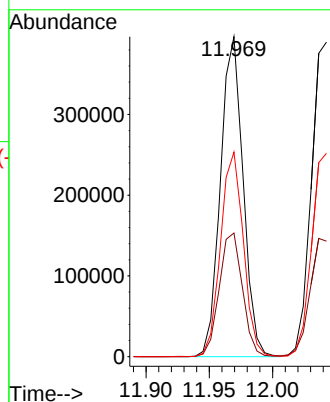
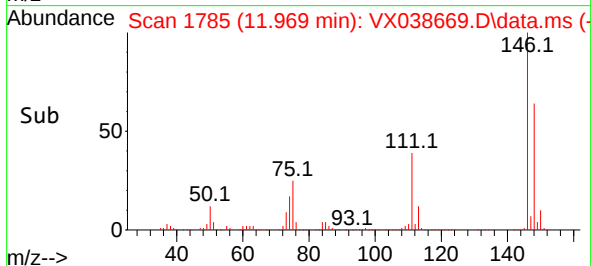
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 52.861 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

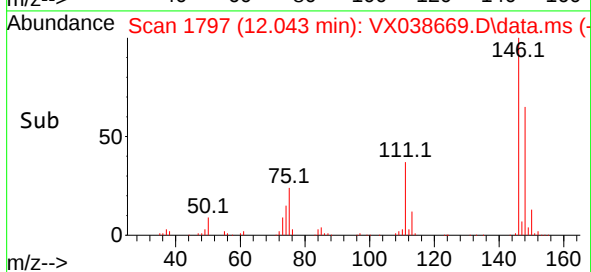
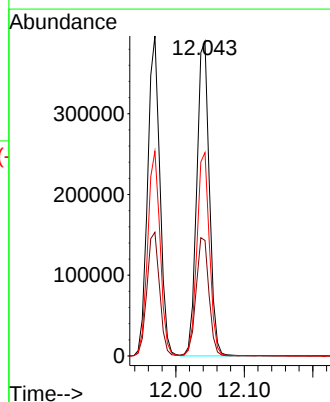
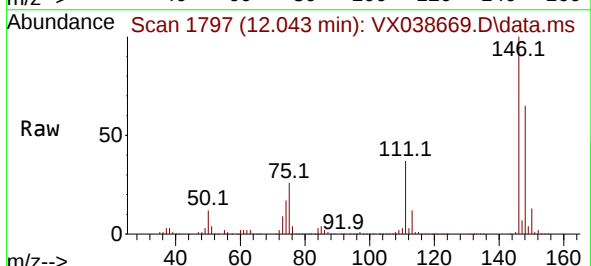
Tgt Ion:146 Resp: 497858

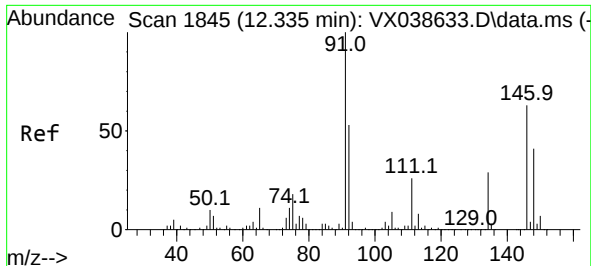
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 55.069 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038669.D

Acq: 09 Nov 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 79326

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

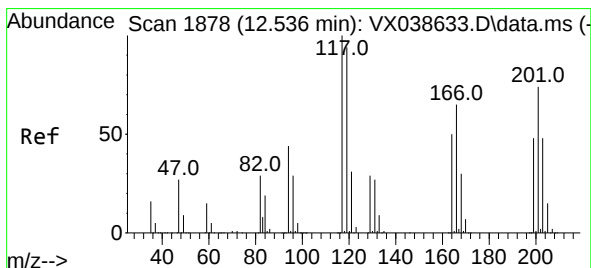
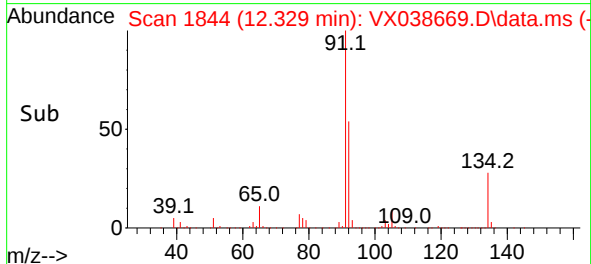
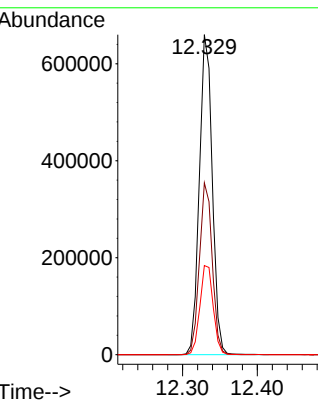
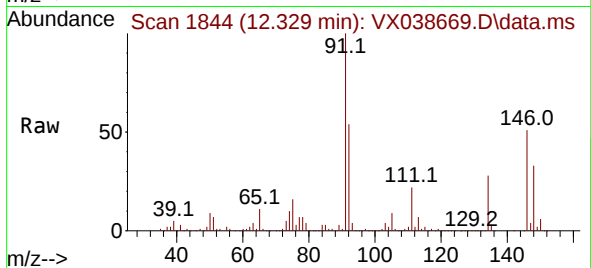
134 28.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#90

Hexachloroethane

Concen: 56.351 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038669.D

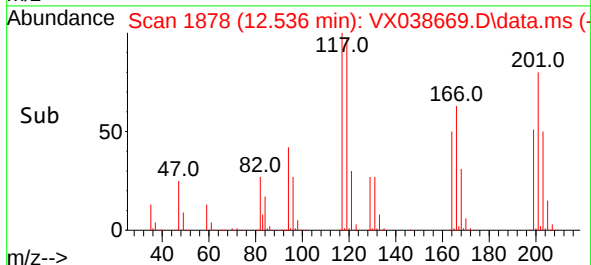
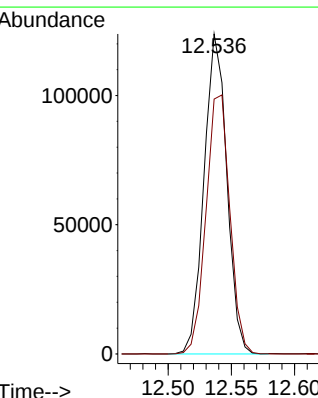
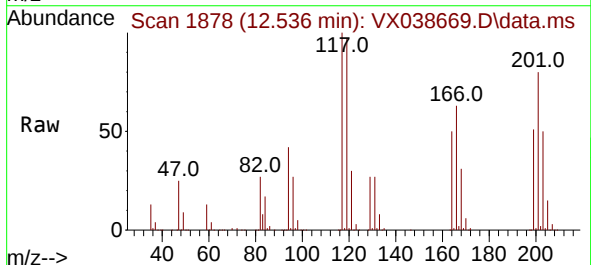
Acq: 09 Nov 2023 10:48

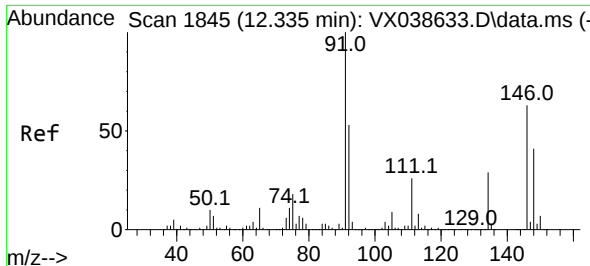
Tgt Ion:117 Resp: 154512

Ion Ratio Lower Upper

117 100

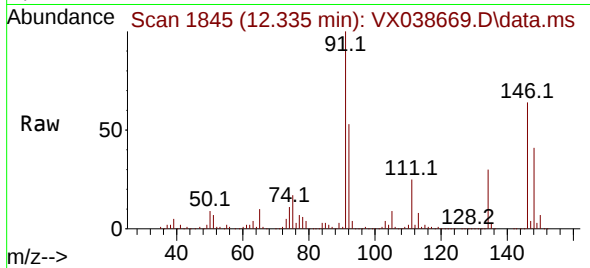
201 84.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.714 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

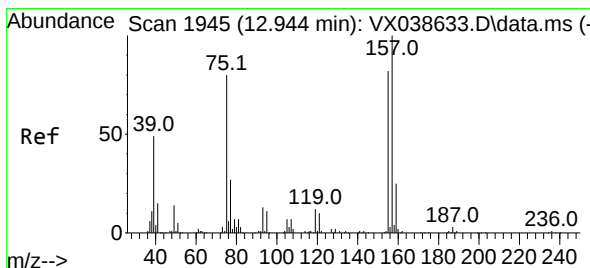
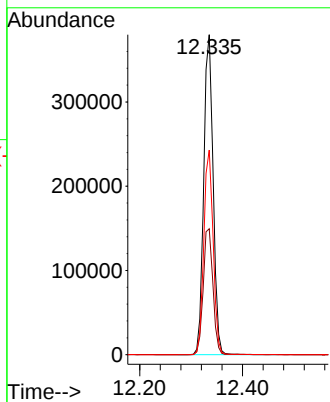
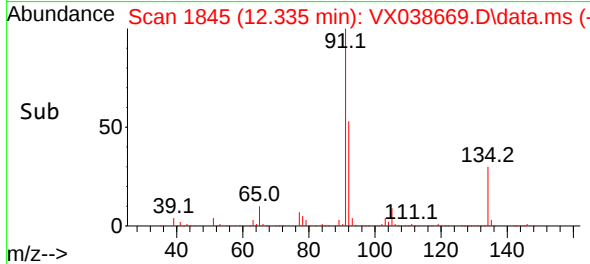
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 480664
Ion Ratio Lower Upper
146 100
111 40.6 22.4 67.0
148 63.8 31.6 95.0

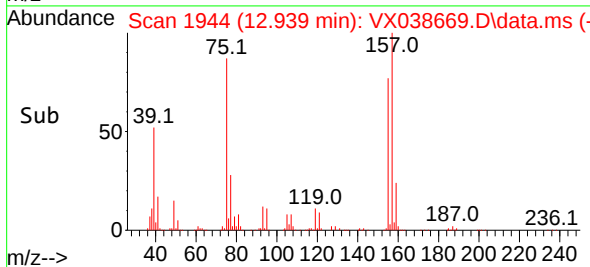
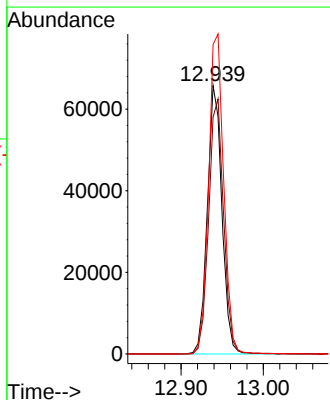
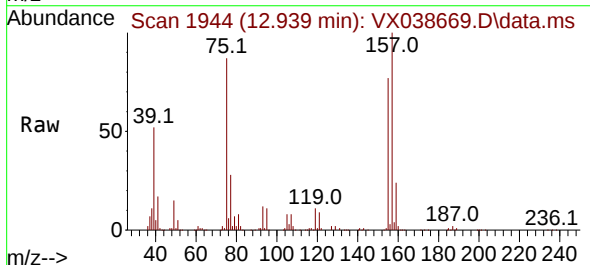
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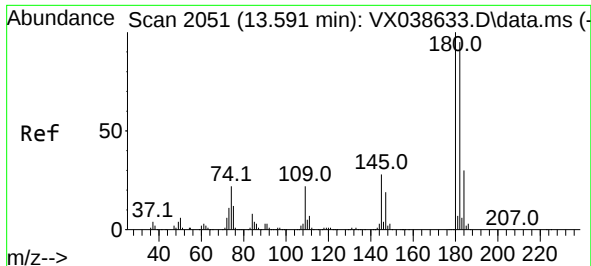
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.493 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion: 75 Resp: 81164
Ion Ratio Lower Upper
75 100
155 97.3 36.1 108.5
157 123.2 44.9 134.7





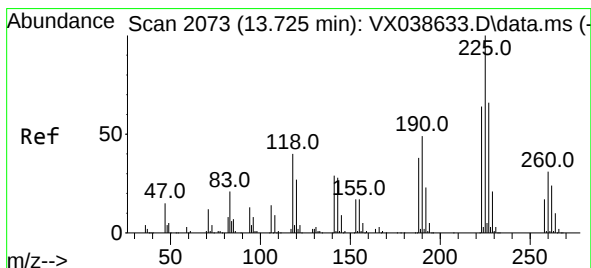
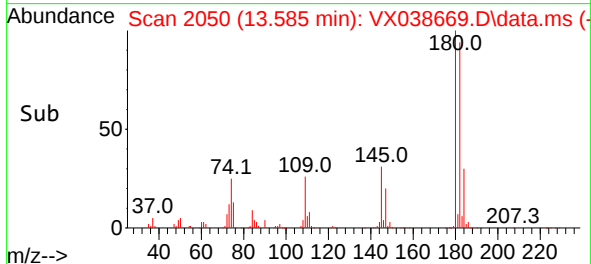
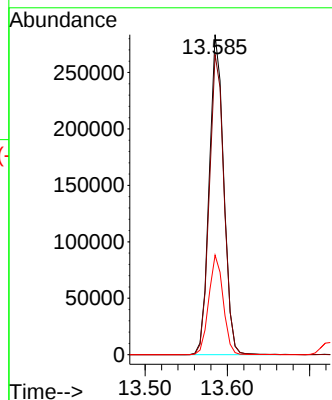
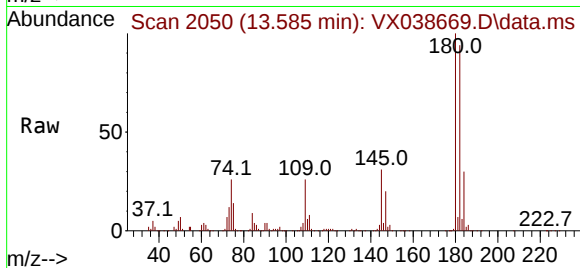
#93
1,2,4-Trichlorobenzene
Concen: 54.098 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 346248
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.8
145 31.0 18.0 54.0

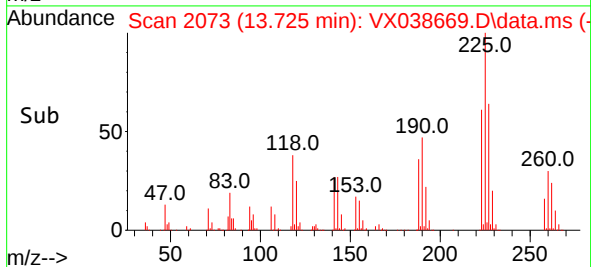
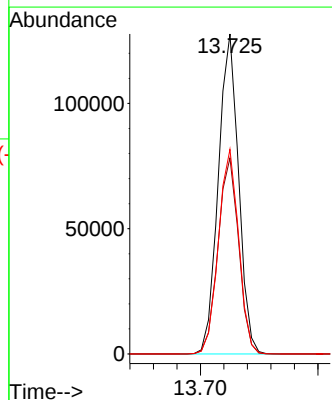
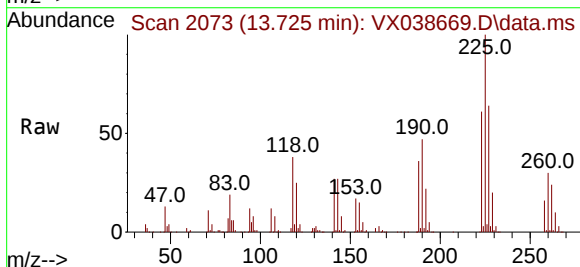
Manual Integrations
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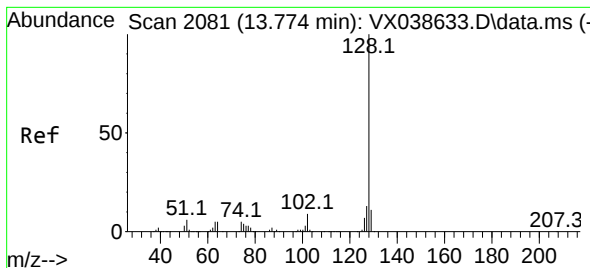
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#94
Hexachlorobutadiene
Concen: 55.406 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

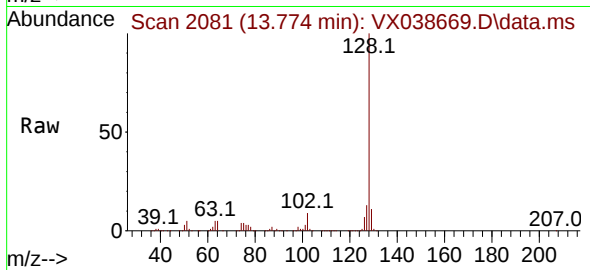
Tgt Ion:225 Resp: 153022
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 64.0 32.5 97.5





#95
Naphthalene
Concen: 54.840 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

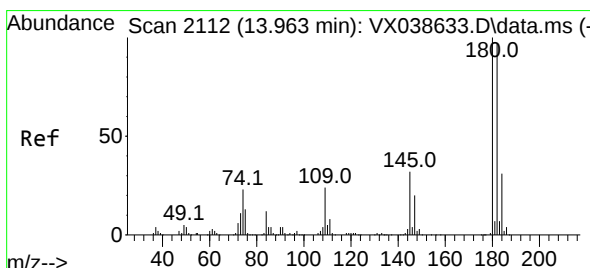
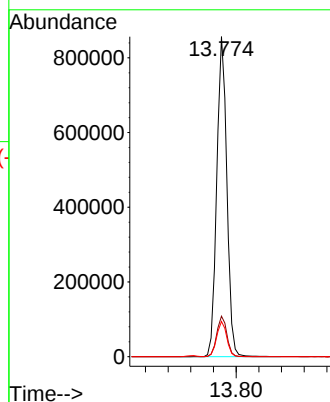
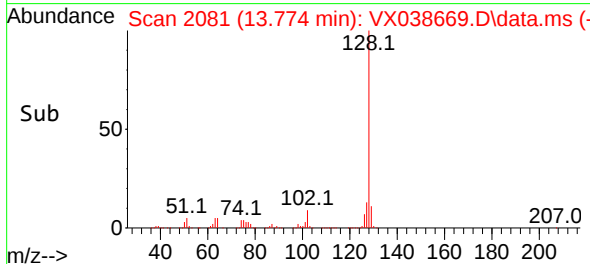
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1058764
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.919 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038669.D
Acq: 09 Nov 2023 10:48

Tgt Ion:180 Resp: 333846
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 32.7 17.8 53.5

