

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034371.D
 Acq On : 07 Mar 2023 17:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 08 01:02:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	263426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	439866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	400328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164544	46.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.379	113	137251	47.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	8.647	98	503739	48.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	210478	53.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	116640	51.241	ug/l	100
3) Chloromethane	1.301	50	163120	49.797	ug/l	100
4) Vinyl Chloride	1.374	62	166313	55.750	ug/l	99
5) Bromomethane	1.599	94	84193	78.160	ug/l	98
6) Chloroethane	1.685	64	94820	63.224	ug/l	98
7) Trichlorofluoromethane	1.886	101	256464	63.544	ug/l	99
8) Diethyl Ether	2.130	74	92133	56.663	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	144735	50.921	ug/l	94
10) Methyl Iodide	2.453	142	175368	50.674	ug/l	95
11) Tert butyl alcohol	2.953	59	174944	220.473	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	137945	48.415	ug/l	94
13) Acrolein	2.233	56	97840	270.116	ug/l	100
14) Allyl chloride	2.660	41	274522	45.421	ug/l	91
15) Acrylonitrile	3.056	53	425609	245.871	ug/l	99
16) Acetone	2.374	43	397861	217.400	ug/l	94
17) Carbon Disulfide	2.508	76	362849	44.294	ug/l	99
18) Methyl Acetate	2.697	43	283924	50.139	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	502102	49.930	ug/l	97
20) Methylene Chloride	2.788	84	157034	47.622	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	151381	50.704	ug/l	97
22) Diisopropyl ether	3.758	45	562947	53.129	ug/l	92
23) Vinyl Acetate	3.715	43	2188707	257.820	ug/l	100
24) 1,1-Dichloroethane	3.605	63	291752	50.156	ug/l	99
25) 2-Butanone	4.544	43	628500	237.350	ug/l	99
26) 2,2-Dichloropropane	4.471	77	257191	48.808	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	180906	51.169	ug/l	95
28) Bromochloromethane	4.891	49	120170	46.310	ug/l	87
29) Tetrahydrofuran	4.995	42	400150	247.712	ug/l	99
30) Chloroform	5.087	83	294234	52.677	ug/l	99
31) Cyclohexane	5.465	56	267423	50.488	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	257684	51.464	ug/l	98
36) 1,1-Dichloropropene	5.684	75	221324	52.254	ug/l	98
37) Ethyl Acetate	4.709	43	239189	50.530	ug/l	99
38) Carbon Tetrachloride	5.672	117	223249	51.222	ug/l	98
39) Methylcyclohexane	7.373	83	273672	50.209	ug/l	97
40) Benzene	6.032	78	650738	51.844	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	137685	52.206	ug/l	99
42) 1,2-Dichloroethane	6.080	62	235664	53.384	ug/l	98
43) Isopropyl Acetate	6.330	43	419091	50.171	ug/l	99
44) Trichloroethene	7.123	130	169981	52.772	ug/l	94
45) 1,2-Dichloropropane	7.428	63	173119	51.810	ug/l	100
46) Dibromomethane	7.574	93	114638	52.131	ug/l	87
47) Bromodichloromethane	7.818	83	233655	51.775	ug/l	97
48) Methyl methacrylate	7.684	41	201295	50.772	ug/l	97
49) 1,4-Dioxane	7.653	88	81323	1028.358	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	1256478	273.400	ug/l	99
52) Toluene	8.714	92	418535	55.031	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	272851	52.525	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	283213	50.927	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	168885	55.014	ug/l	98
56) Ethyl methacrylate	9.110	69	277736	53.480	ug/l	94
57) 1,3-Dichloropropane	9.305	76	290820	54.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	592882	263.543	ug/l	95
59) 2-Hexanone	9.427	43	950271	271.317	ug/l	98
60) Dibromochloromethane	9.519	129	183921	54.221	ug/l	100
61) 1,2-Dibromoethane	9.604	107	176558	54.381	ug/l	99
64) Tetrachloroethene	9.269	164	143404	50.755	ug/l	91
65) Chlorobenzene	10.080	112	447116	53.580	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	167736	51.923	ug/l	99
67) Ethyl Benzene	10.189	91	818522	54.598	ug/l	98
68) m/p-Xylenes	10.299	106	625522	109.029	ug/l	94
69) o-Xylene	10.640	106	310539	54.369	ug/l	93
70) Styrene	10.653	104	517838	55.746	ug/l	95
71) Bromoform	10.799	173	133718	50.710	ug/l #	98
73) Isopropylbenzene	10.964	105	814273	50.837	ug/l	99
74) N-amyl acetate	10.842	43	398903	49.572	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	268433	48.999	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	225340m	42.610	ug/l	
77) Bromobenzene	11.195	156	192579	49.961	ug/l	81
78) n-propylbenzene	11.305	91	971540	52.153	ug/l	97
79) 2-Chlorotoluene	11.360	91	579233	50.709	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	688016	51.090	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	92035	44.707	ug/l	97
82) 4-Chlorotoluene	11.451	91	674163	51.819	ug/l	95
83) tert-Butylbenzene	11.713	119	683614	49.565	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	696412	51.146	ug/l	97
85) sec-Butylbenzene	11.890	105	865267	51.661	ug/l	97
86) p-Isopropyltoluene	12.006	119	718075	51.804	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	374697	51.833	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	378022	51.845	ug/l	97
89) n-Butylbenzene	12.329	91	650562	52.695	ug/l	98
90) Hexachloroethane	12.536	117	137564	47.465	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	359491	50.827	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	59626	45.642	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	228899	50.408	ug/l	98
94) Hexachlorobutadiene	13.725	225	91892	48.816	ug/l	98
95) Naphthalene	13.774	128	758112	49.560	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224444	49.786	ug/l	98

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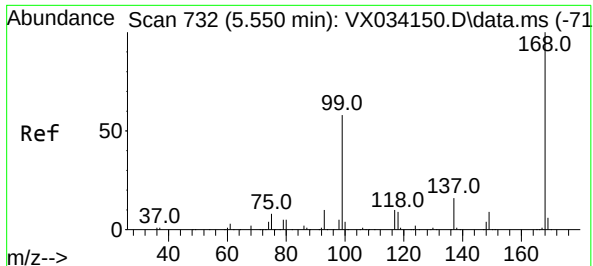
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

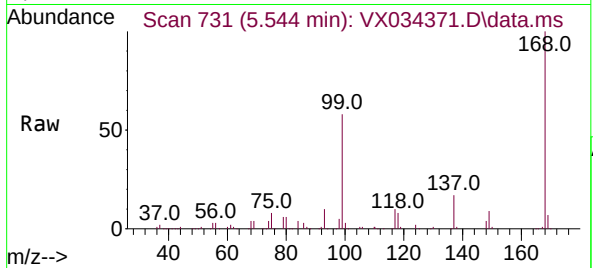
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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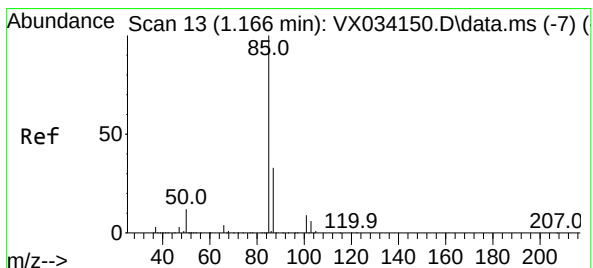
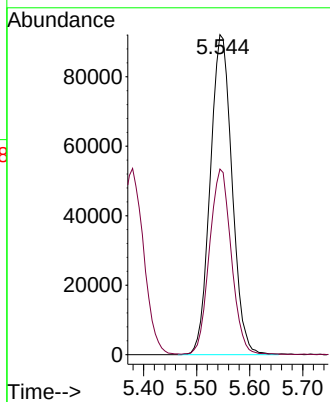
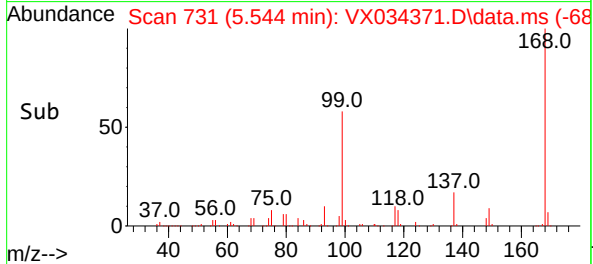
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 263420
Ion Ratio Lower Upper
168 100
99 57.8 39.6 59.4

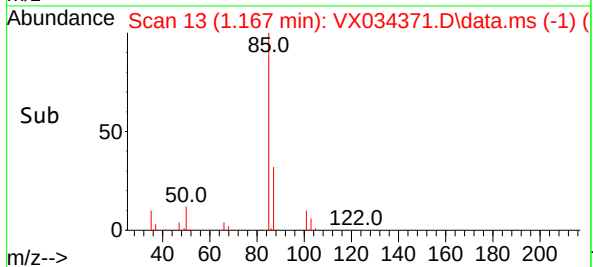
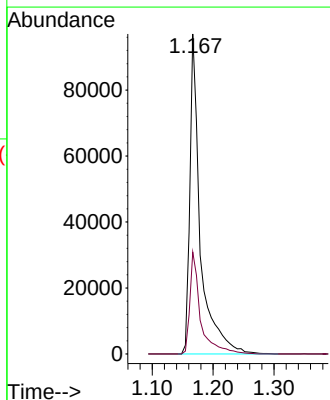
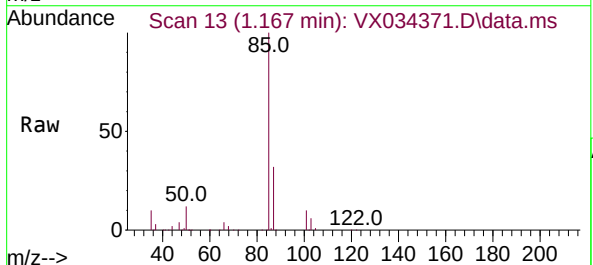
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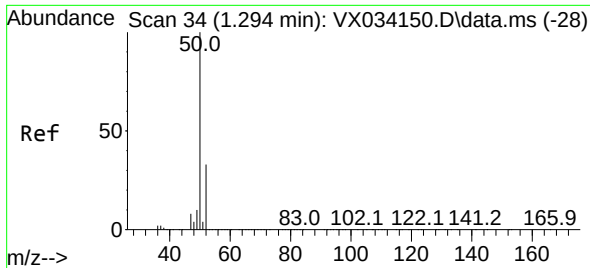
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#2
Dichlorodifluoromethane
Concen: 51.241 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

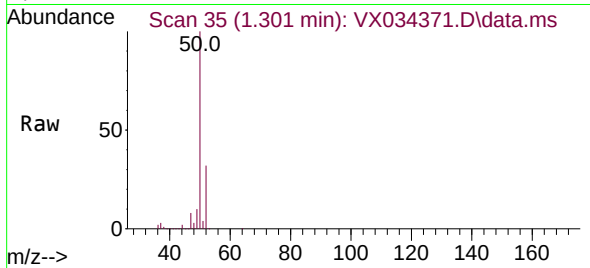
Tgt Ion: 85 Resp: 116640
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 49.797 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

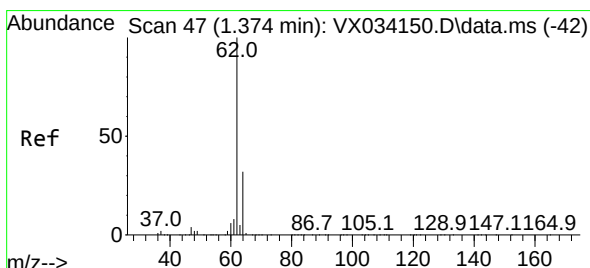
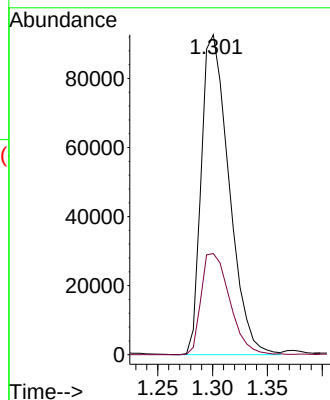
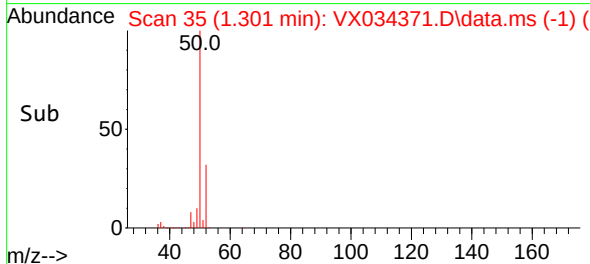
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Tgt Ion: 50 Resp: 163120
Ion Ratio Lower Upper
50 100
52 31.6 25.2 37.8

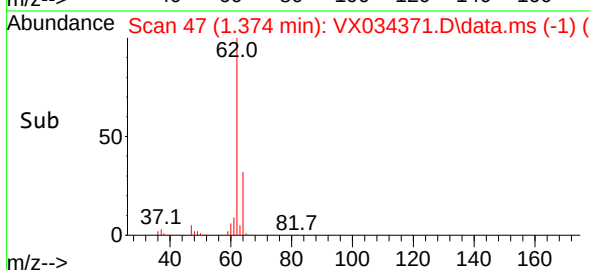
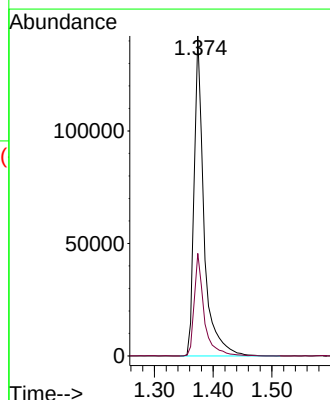
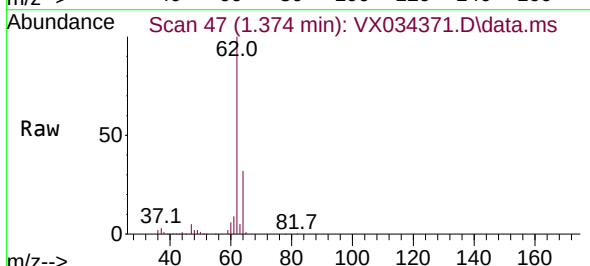
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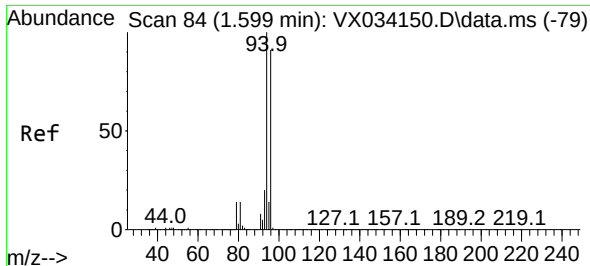
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#4
Vinyl Chloride
Concen: 55.750 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034371.D
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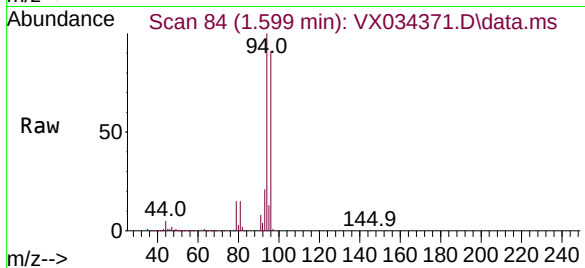
Tgt Ion: 62 Resp: 166313
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.4





#5
 Bromomethane
 Concen: 78.160 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX034371.D
 Acq: 07 Mar 2023 17:05

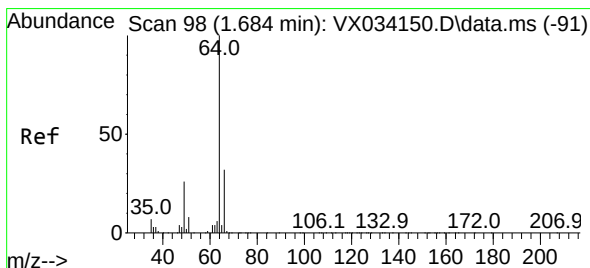
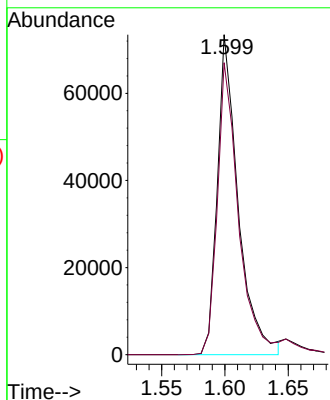
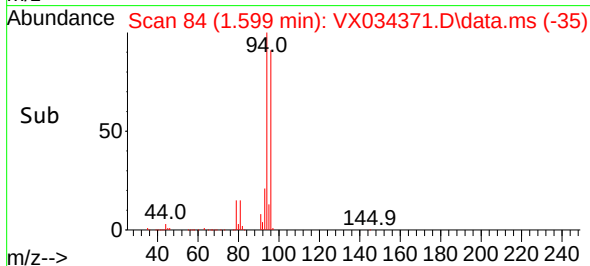
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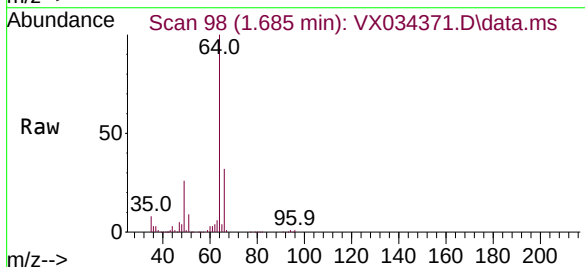
Tgt Ion: 94 Resp: 8419
 Ion Ratio Lower Upper
 94 100
 96 91.2 74.3 111.5

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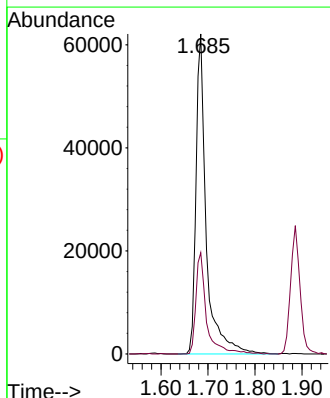
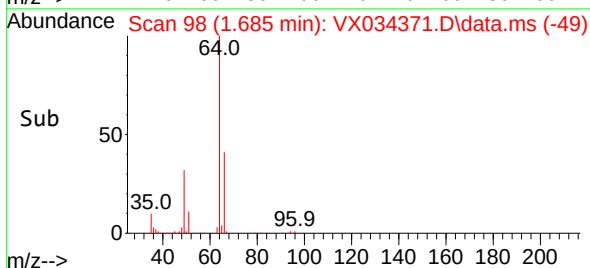
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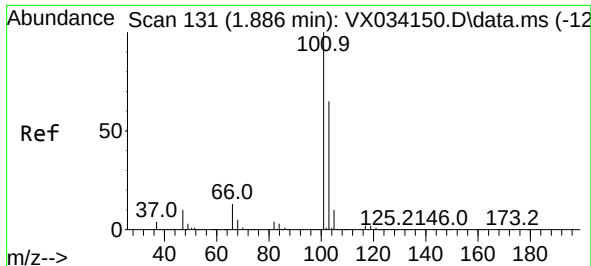


#6
 Chloroethane
 Concen: 63.224 ug/l
 RT: 1.685 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX034371.D
 Acq: 07 Mar 2023 17:05



Tgt Ion: 64 Resp: 94820
 Ion Ratio Lower Upper
 64 100
 66 31.6 26.1 39.1





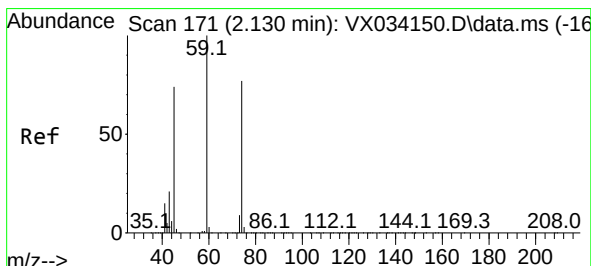
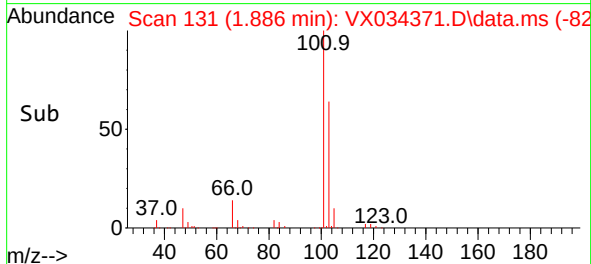
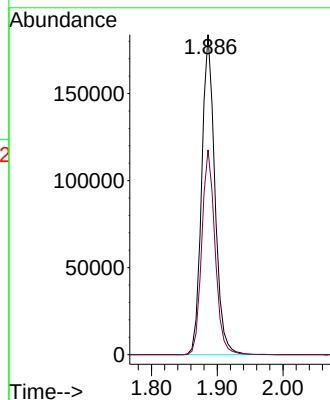
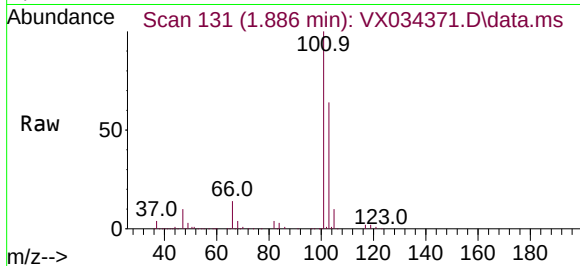
#7
Trichlorofluoromethane
Concen: 63.544 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25646
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

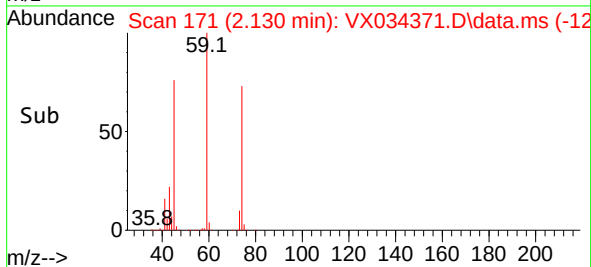
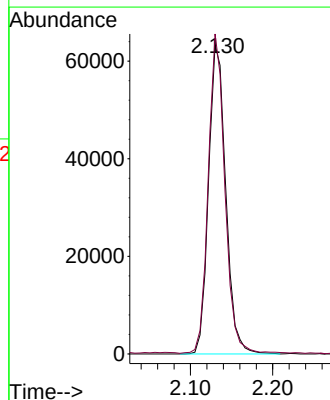
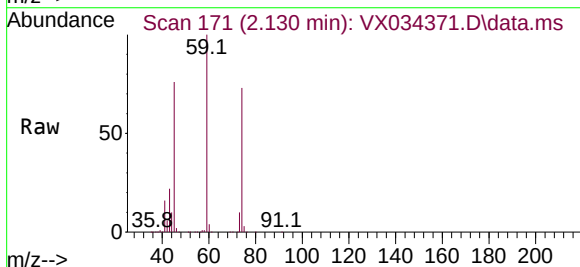
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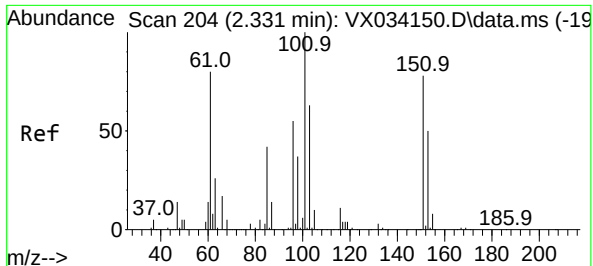
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#8
Diethyl Ether
Concen: 56.663 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Acq: 07 Mar 2023 17:05

Tgt Ion: 74 Resp: 92133
Ion Ratio Lower Upper
74 100
45 99.8 51.5 154.5





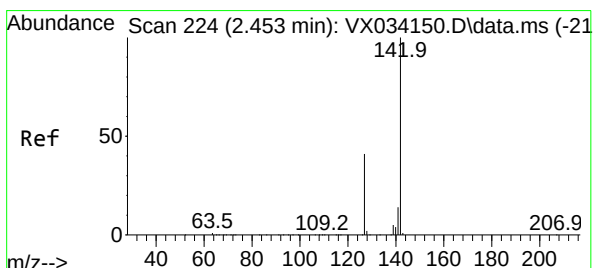
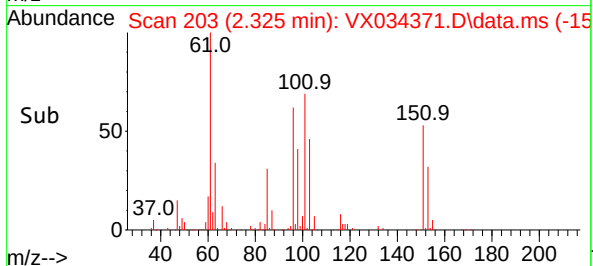
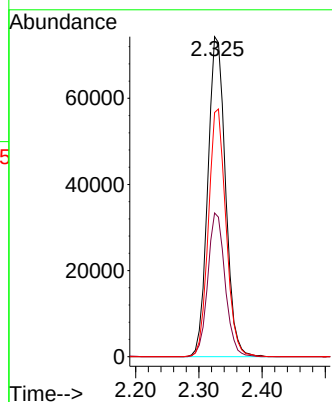
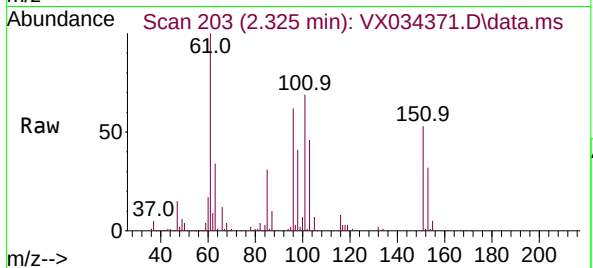
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.921 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 144735
Ion Ratio Lower Upper
101 100
85 43.9 36.7 55.1
151 76.5 66.5 99.7

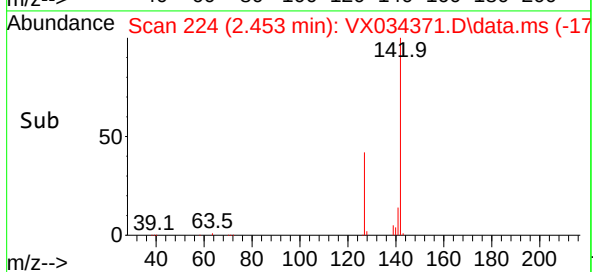
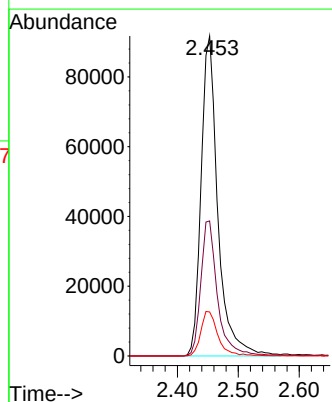
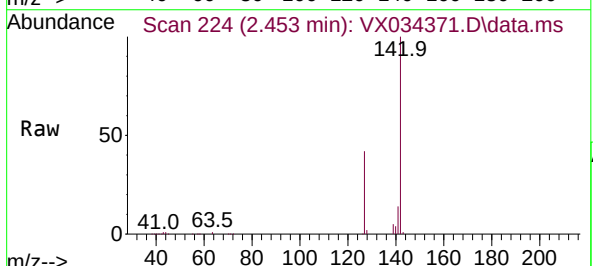
Manual Integrations
APPROVED

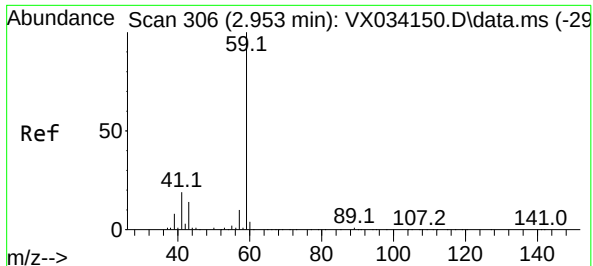
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#10
Methyl Iodide
Concen: 50.674 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

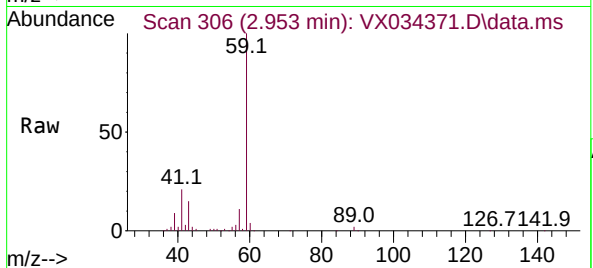
Tgt Ion:142 Resp: 175368
Ion Ratio Lower Upper
142 100
127 42.4 37.3 55.9
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 220.473 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

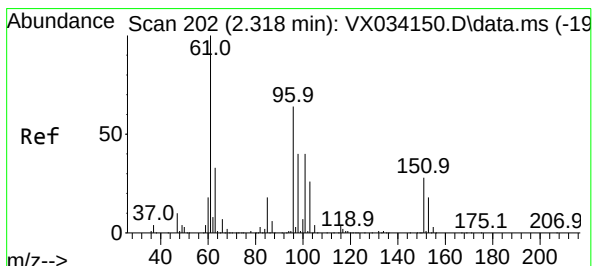
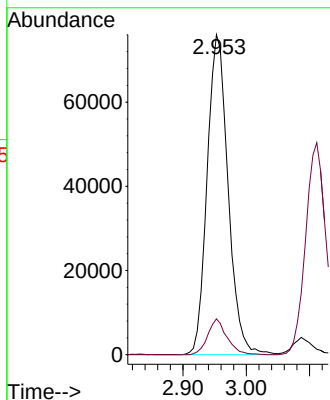
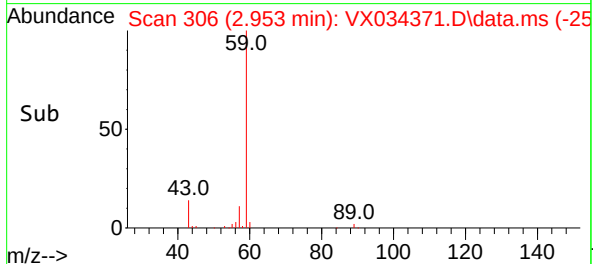
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050EC



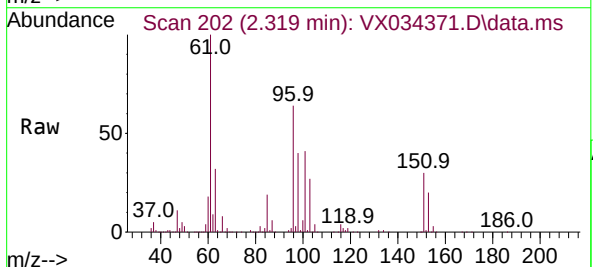
Tgt Ion: 59 Resp: 174944
Ion Ratio Lower Upper
59 100
57 10.2 3.7 5.5

Manual Integrations
APPROVED

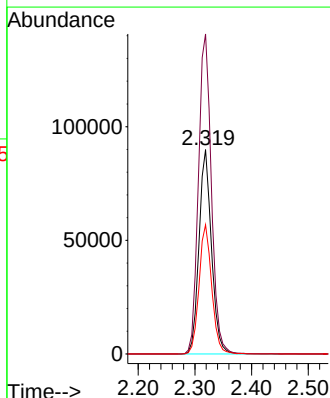
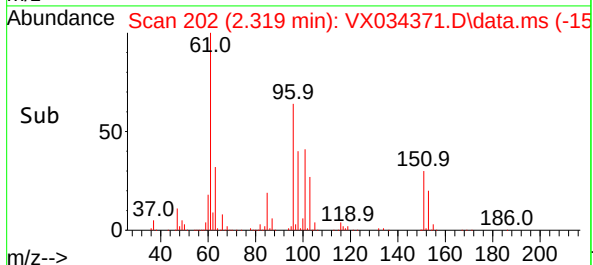
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

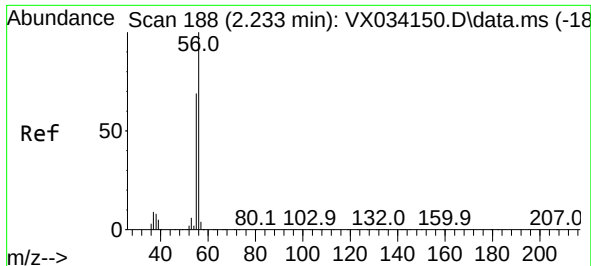


#12
1,1-Dichloroethene
Concen: 48.415 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



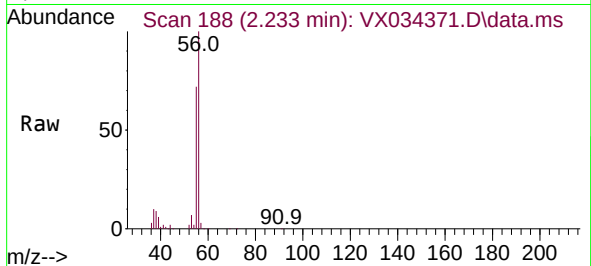
Tgt Ion: 96 Resp: 137945
Ion Ratio Lower Upper
96 100
61 156.6 134.2 201.4
98 63.1 50.2 75.2





#13
Acrolein
Concen: 270.116 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

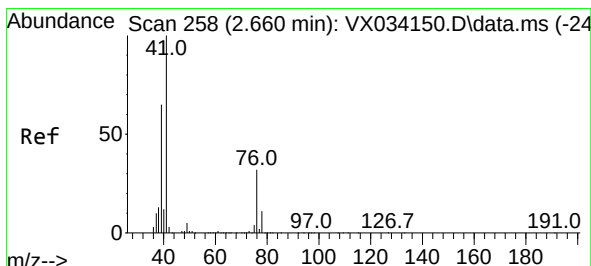
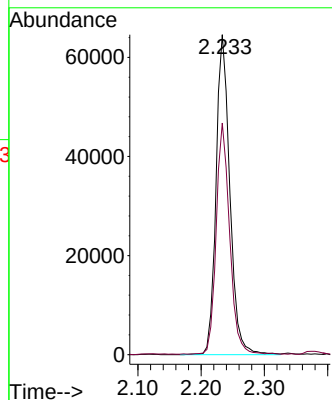
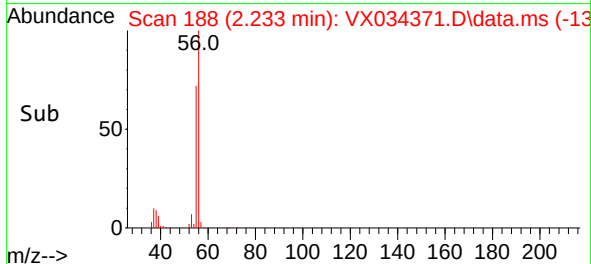
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 97840
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

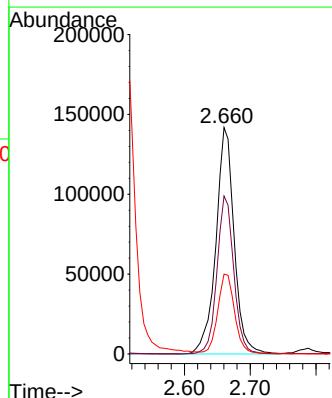
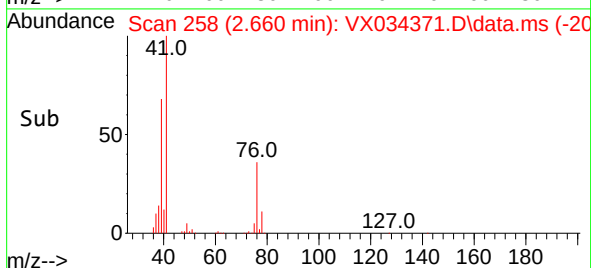
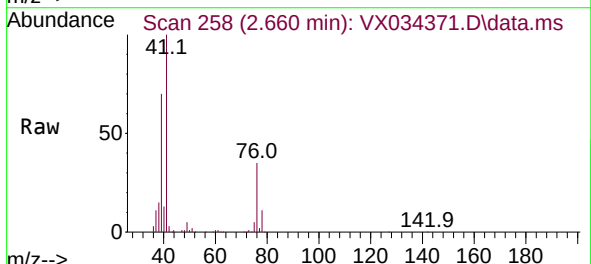
Manual Integrations
APPROVED

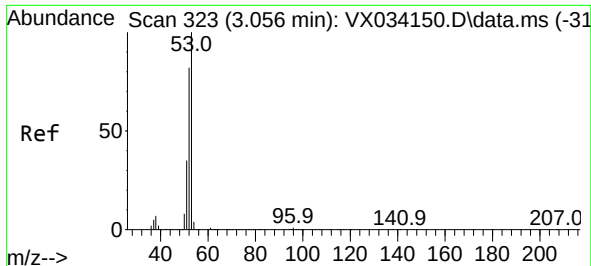
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#14
Allyl chloride
Concen: 45.421 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

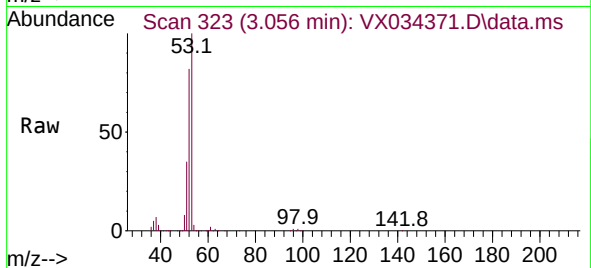
Tgt Ion: 41 Resp: 274522
Ion Ratio Lower Upper
41 100
39 64.2 59.0 88.4
76 32.9 24.6 37.0





#15
Acrylonitrile
Concen: 245.871 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

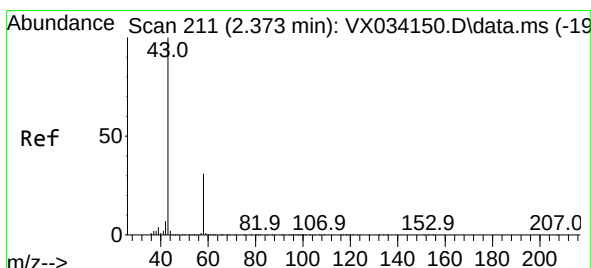
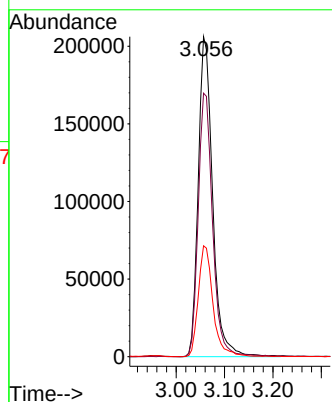
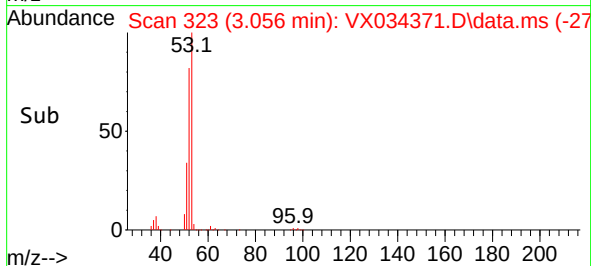
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



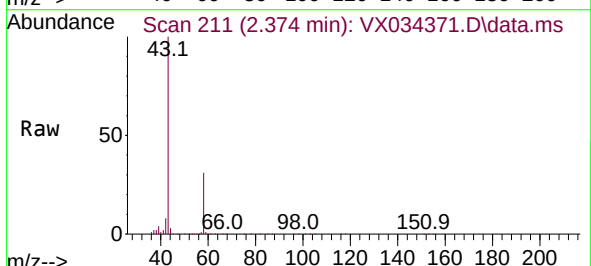
Tgt Ion: 53 Resp: 425609
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 35.6 29.0 43.4

Manual Integrations
APPROVED

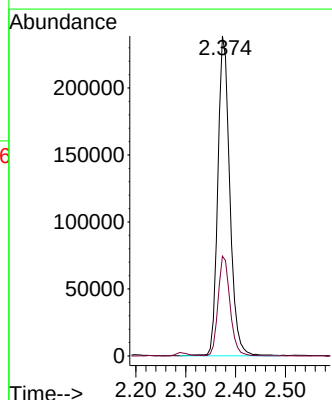
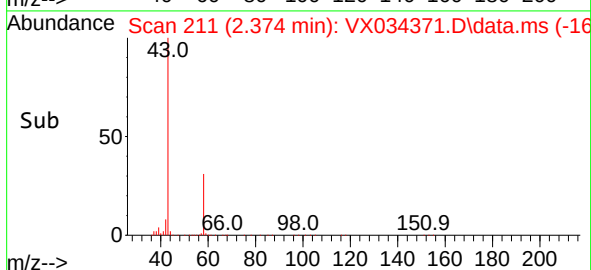
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

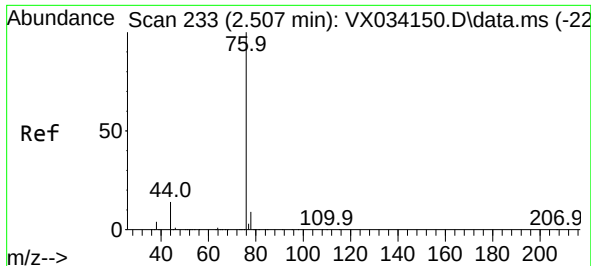


#16
Acetone
Concen: 217.400 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



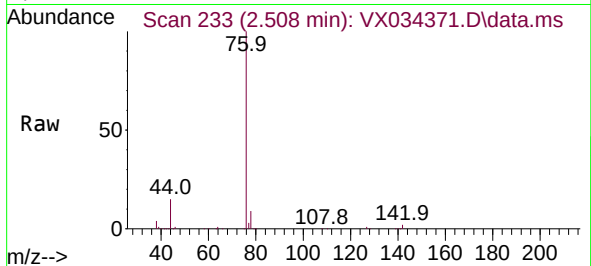
Tgt Ion: 43 Resp: 397861
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8





#17
Carbon Disulfide
Concen: 44.294 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

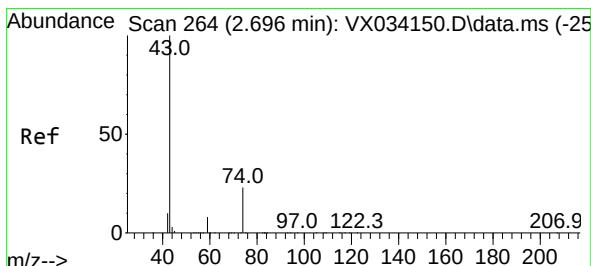
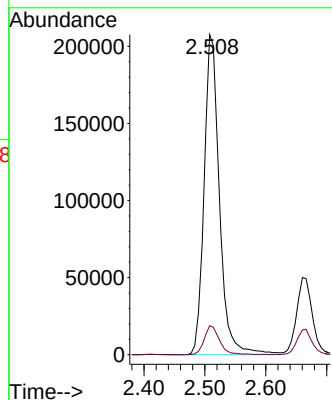
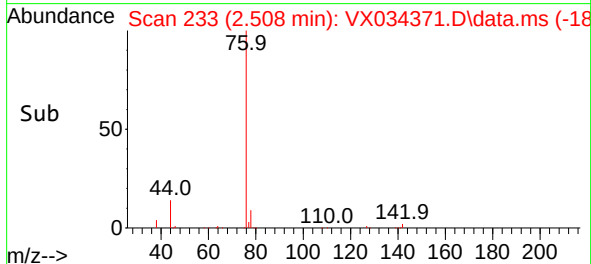
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



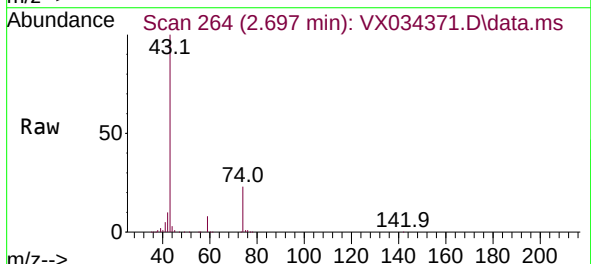
Tgt Ion: 76 Resp: 362849
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

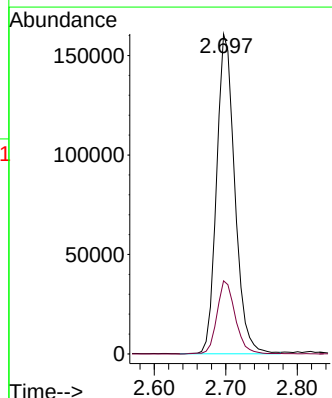
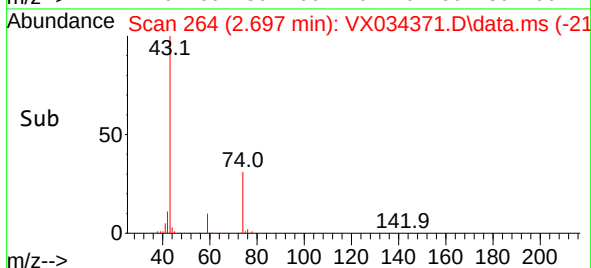
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

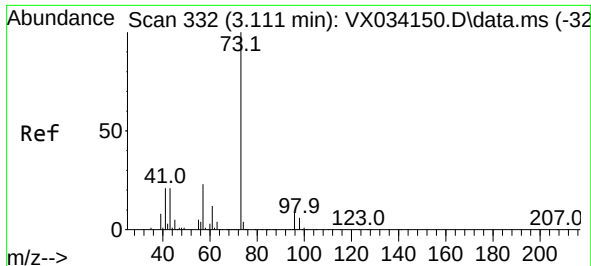


#18
Methyl Acetate
Concen: 50.139 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



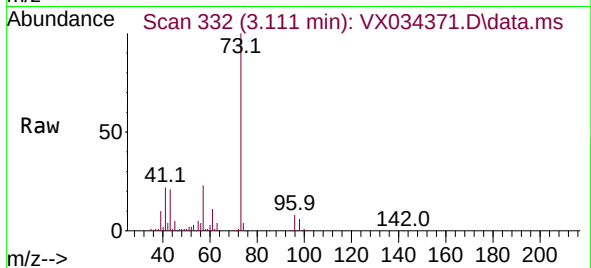
Tgt Ion: 43 Resp: 283924
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 49.930 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

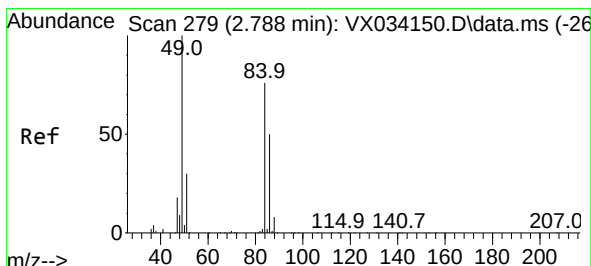
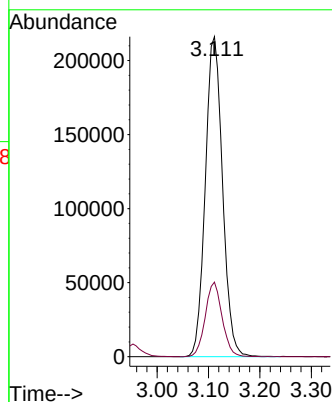
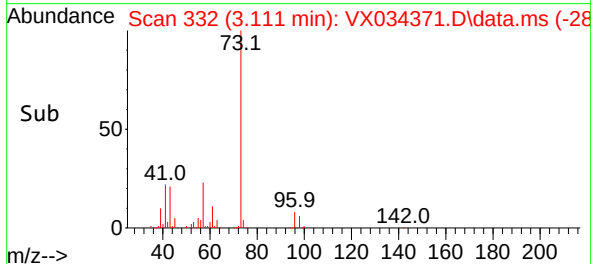
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



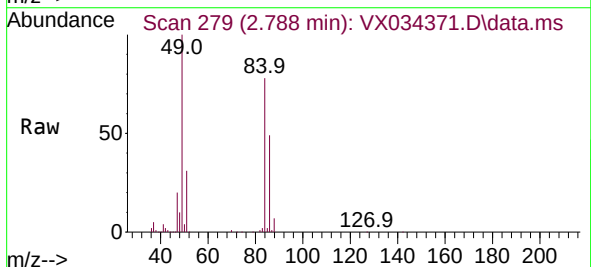
Tgt Ion: 73 Resp: 50210
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0

Manual Integrations
APPROVED

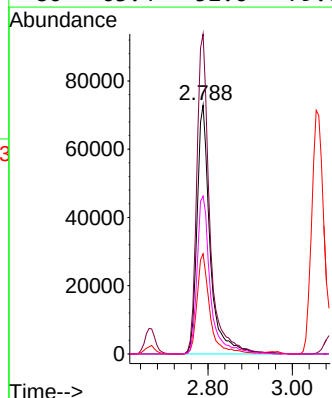
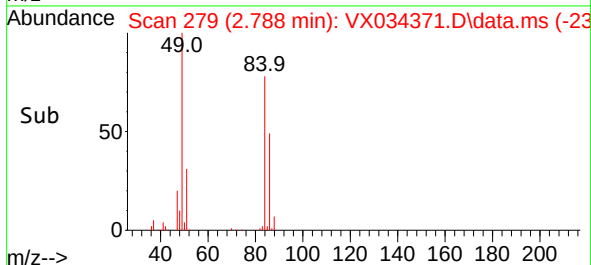
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

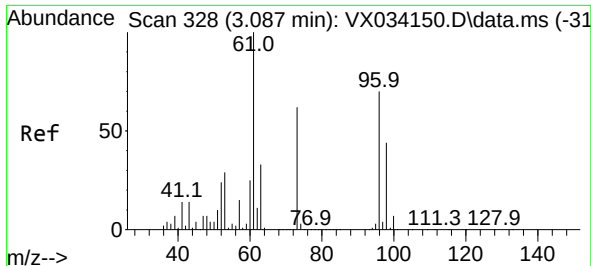


#20
Methylene Chloride
Concen: 47.622 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



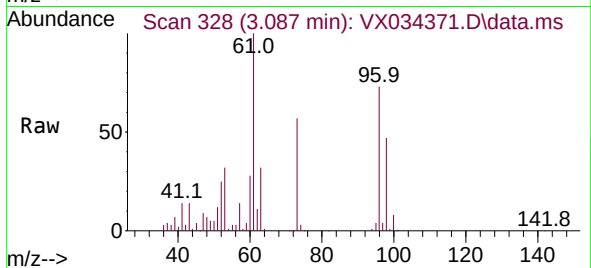
Tgt Ion: 84 Resp: 157034
Ion Ratio Lower Upper
84 100
49 128.6 101.1 151.7
51 40.3 31.0 46.6
86 63.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 50.704 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

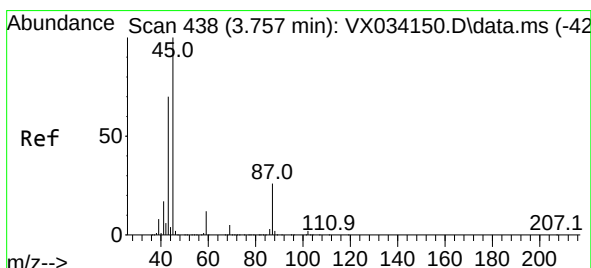
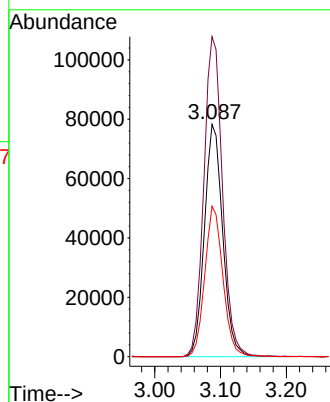
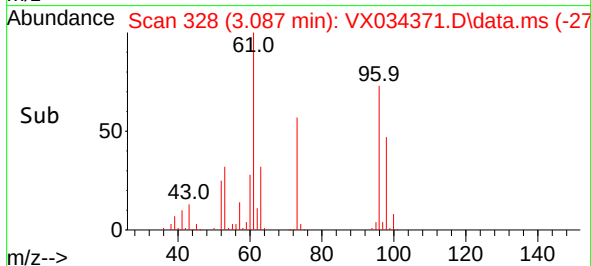
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



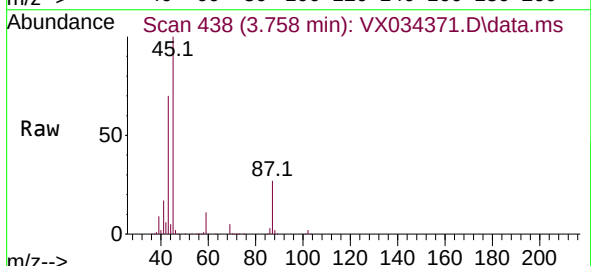
Tgt Ion: 96 Resp: 15138
Ion Ratio Lower Upper
96 100
61 137.7 106.7 160.1
98 64.7 50.0 75.0

Manual Integrations
APPROVED

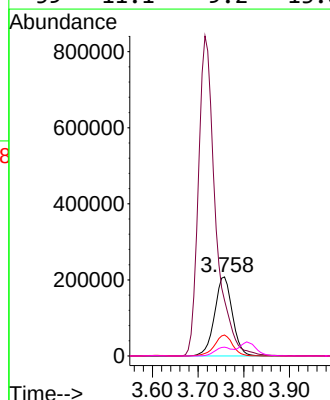
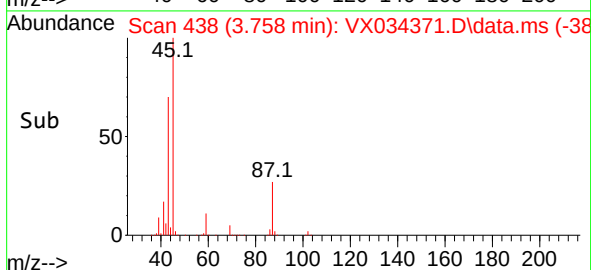
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

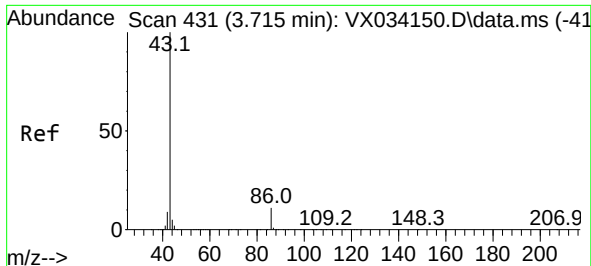


#22
Diisopropyl ether
Concen: 53.129 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



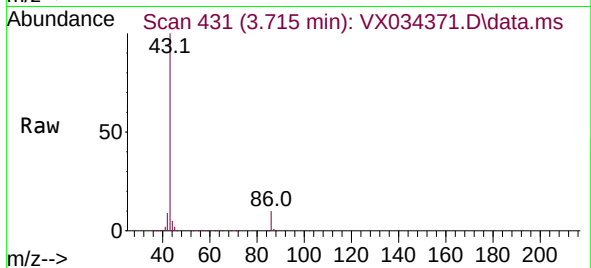
Tgt Ion: 45 Resp: 562947
Ion Ratio Lower Upper
45 100
43 70.3 64.6 97.0
87 26.5 21.9 32.9
59 11.1 9.2 13.8





#23
 Vinyl Acetate
 Concen: 257.820 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX034371.D
 Acq: 07 Mar 2023 17:05

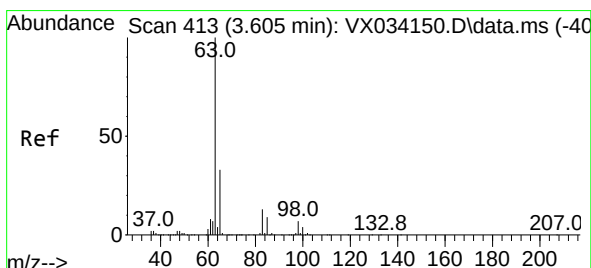
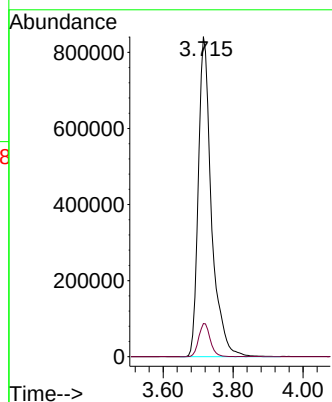
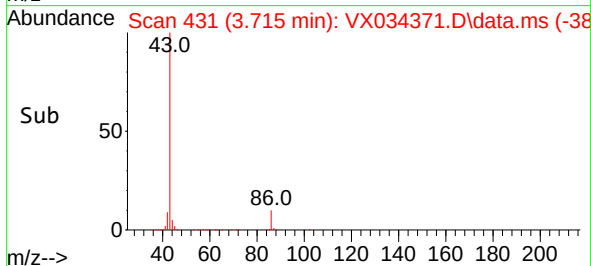
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



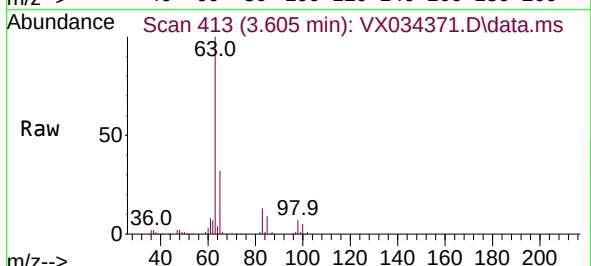
Tgt Ion: 43 Resp: 218870
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6

Manual Integrations
 APPROVED

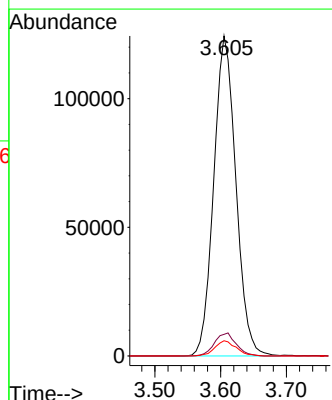
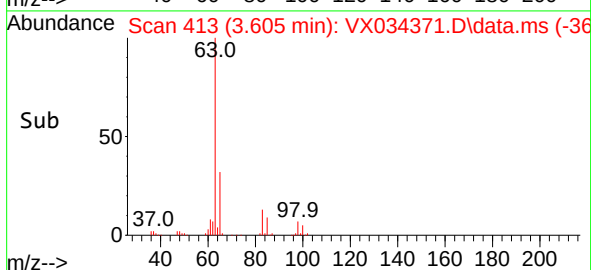
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

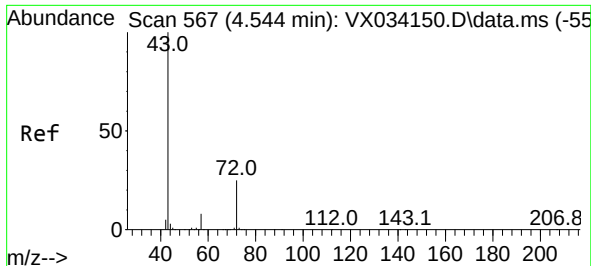


#24
 1,1-Dichloroethane
 Concen: 50.156 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034371.D
 Acq: 07 Mar 2023 17:05



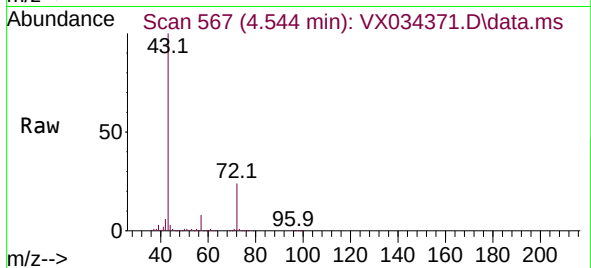
Tgt Ion: 63 Resp: 291752
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 237.350 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

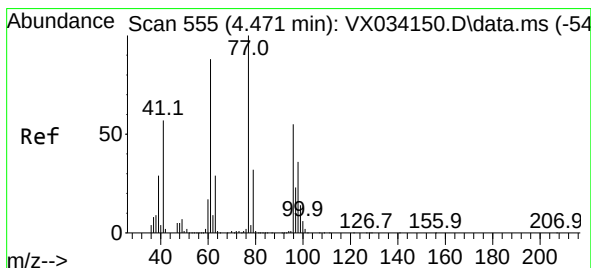
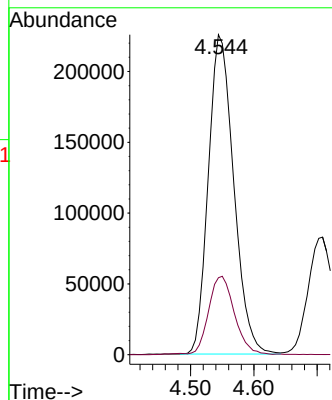
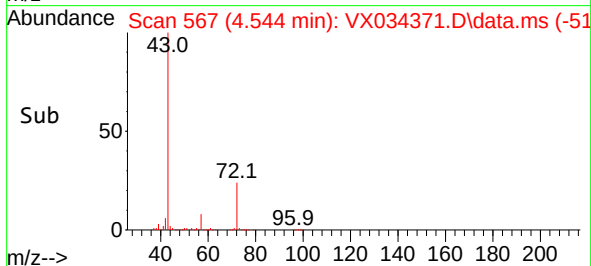
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



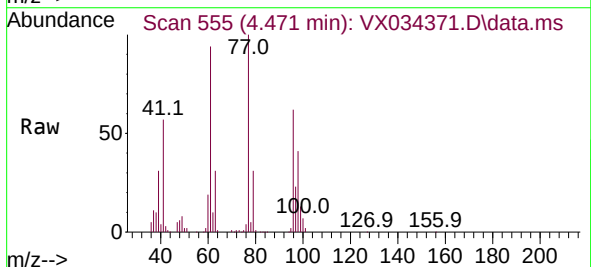
Tgt Ion: 43 Resp: 628500
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

Manual Integrations
APPROVED

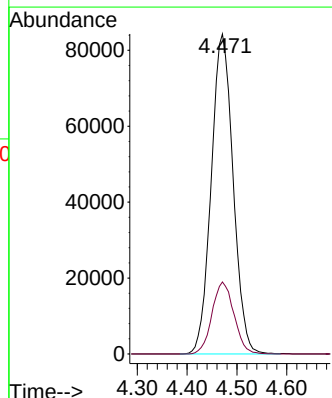
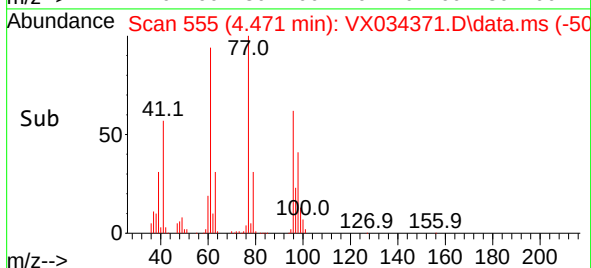
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

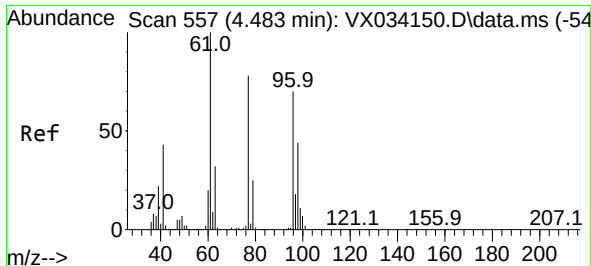


#26
2,2-Dichloropropane
Concen: 48.808 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion: 77 Resp: 257191
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.169 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 180900

Ion Ratio Lower Upper

96 100

61 147.5 0.0 277.6

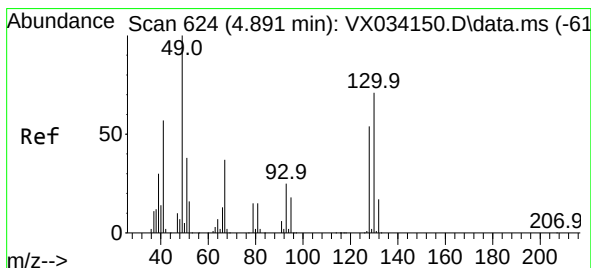
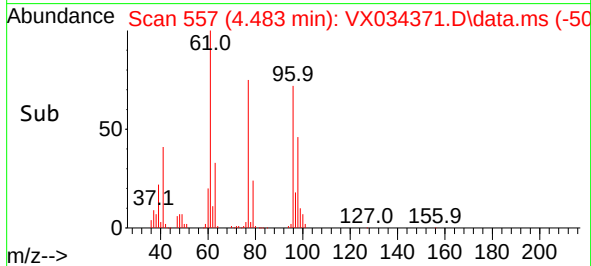
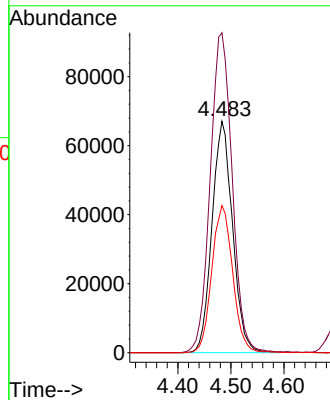
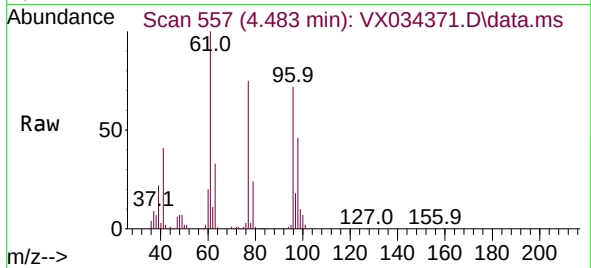
98 64.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#28

Bromochloromethane

Concen: 46.310 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

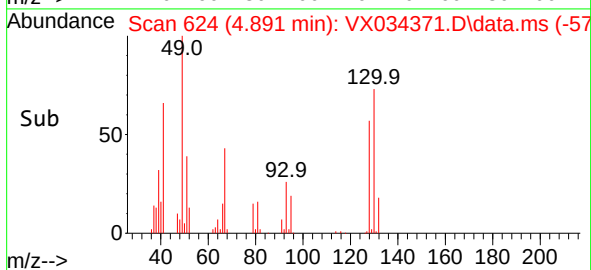
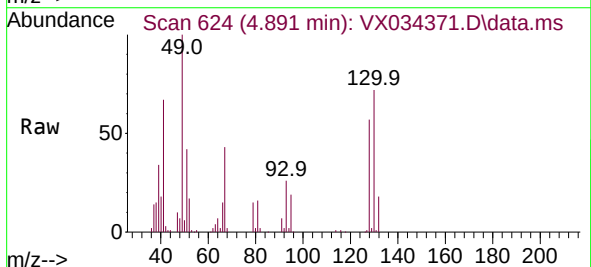
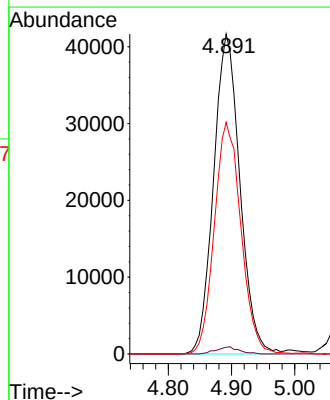
Tgt Ion: 49 Resp: 120170

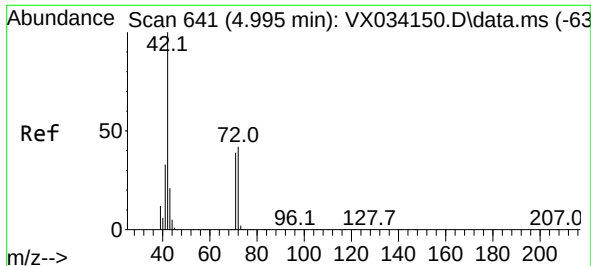
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 73.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 247.712 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034371.D

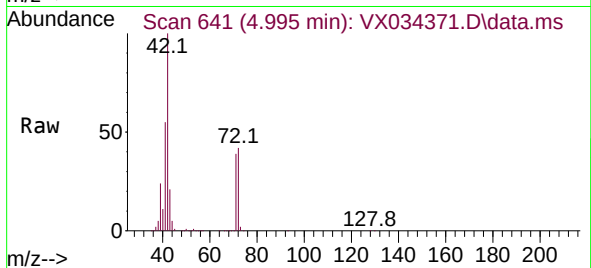
Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



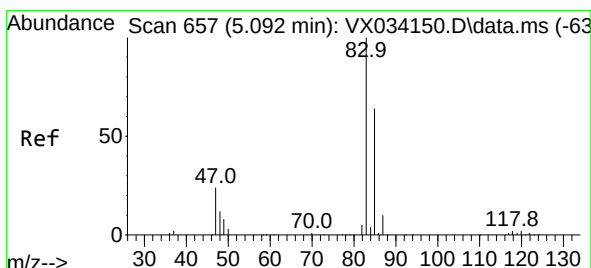
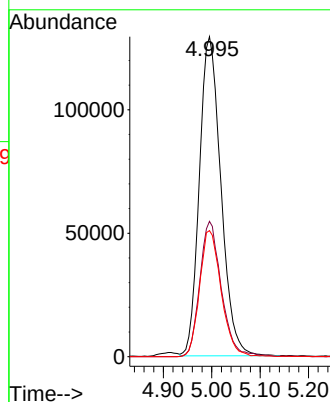
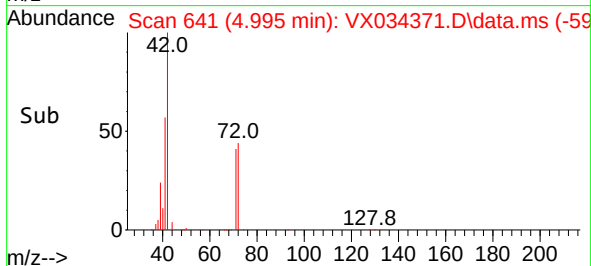
Tgt Ion:	42	Resp:	400150
Ion Ratio	100	Lower	Upper
42	100		
72	42.5	34.8	52.2
71	39.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#30

Chloroform

Concen: 52.677 ug/l

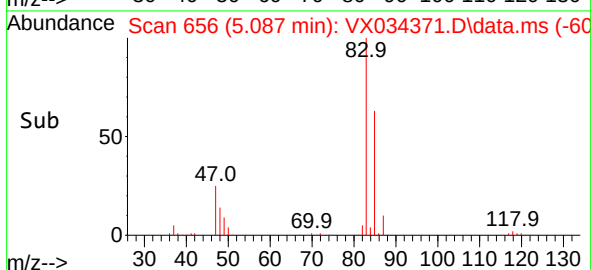
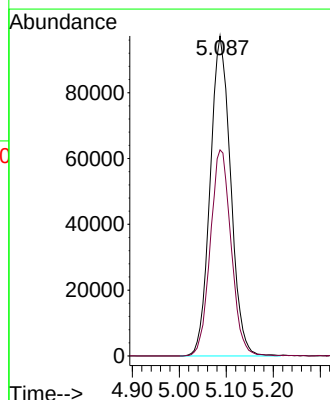
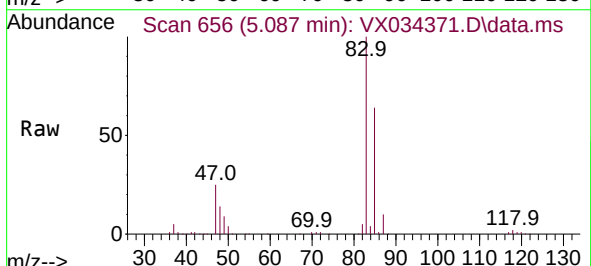
RT: 5.087 min Scan# 656

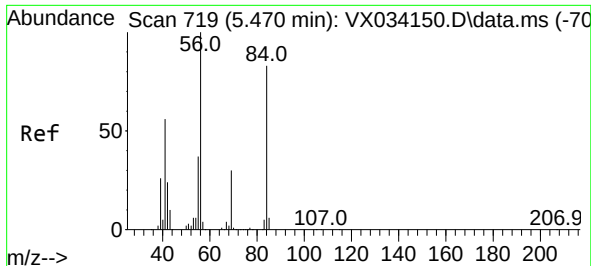
Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

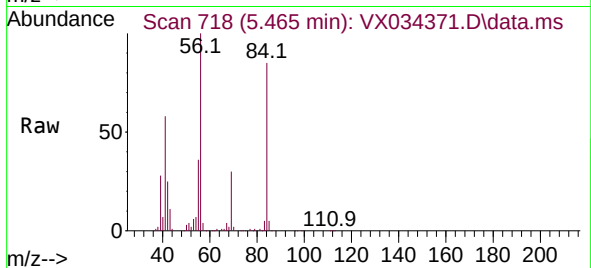
Tgt Ion:	83	Resp:	294234
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	52.1	78.1





#31
Cyclohexane
Concen: 50.488 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

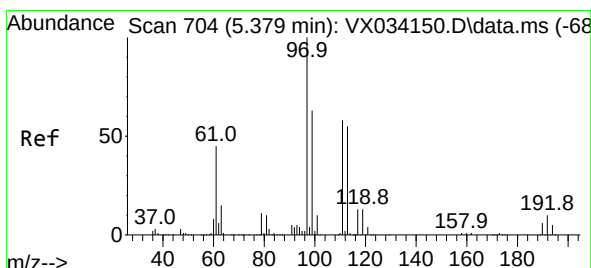
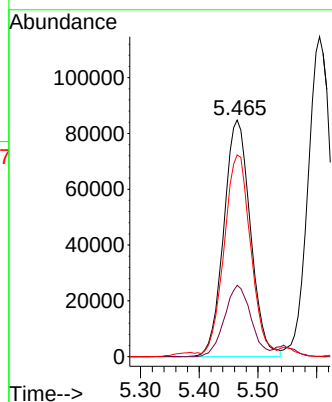
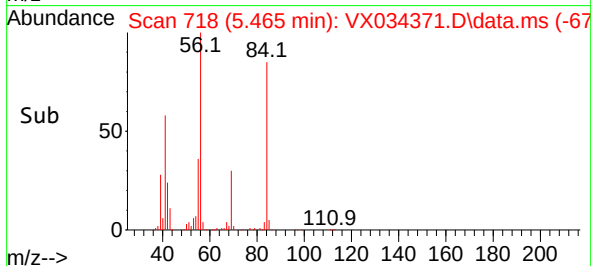
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 26742
Ion Ratio Lower Upper
56 100
69 30.2 24.6 37.0
84 83.9 71.0 106.6

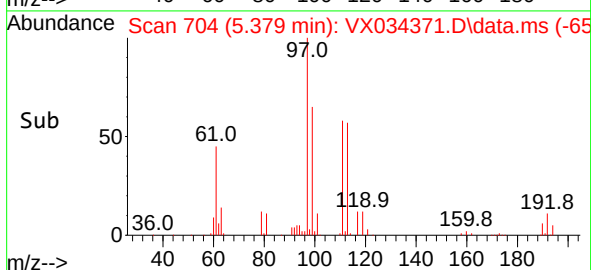
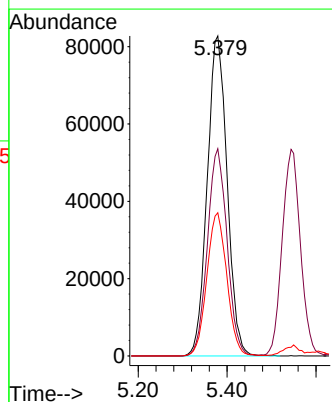
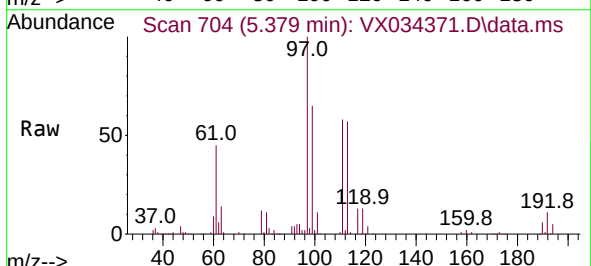
Manual Integrations
APPROVED

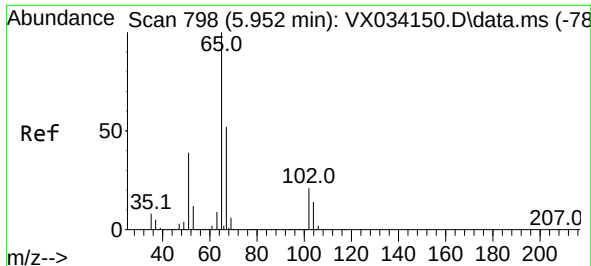
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#32
1,1,1-Trichloroethane
Concen: 51.464 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion: 97 Resp: 257684
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 45.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 164544

Ion Ratio Lower Upper

65 100

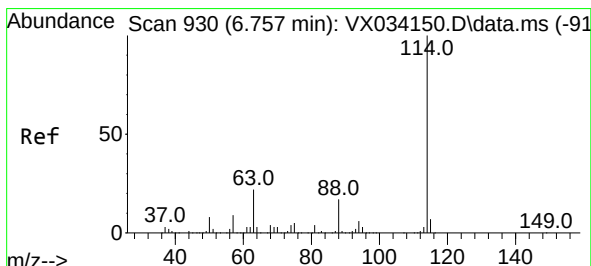
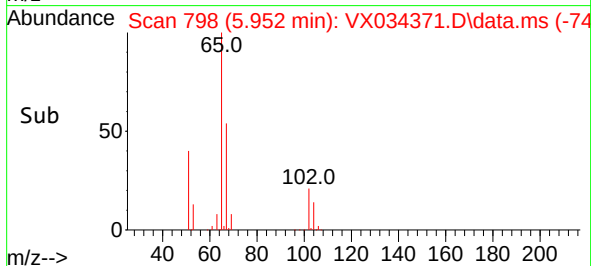
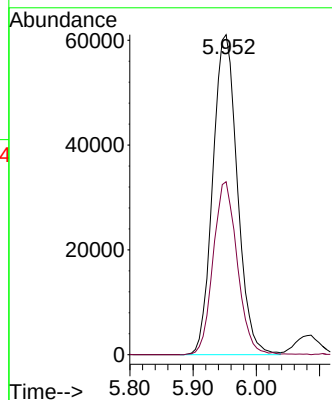
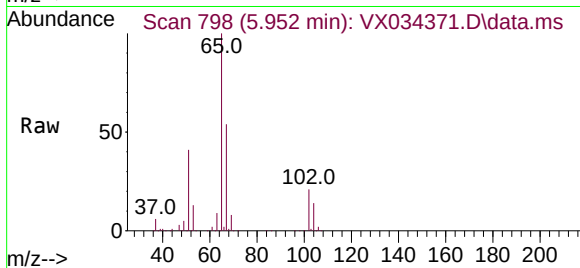
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

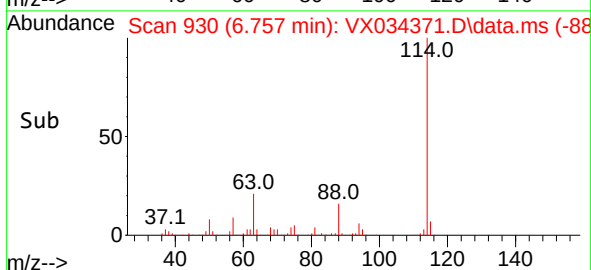
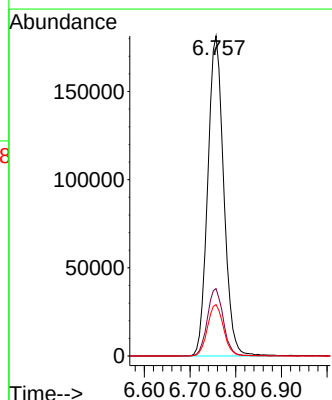
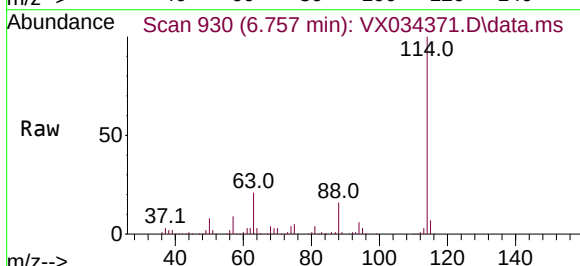
Tgt Ion:114 Resp: 439866

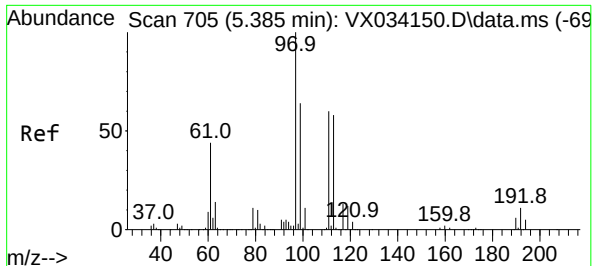
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

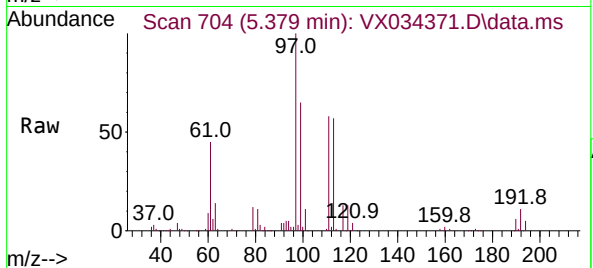
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.924 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

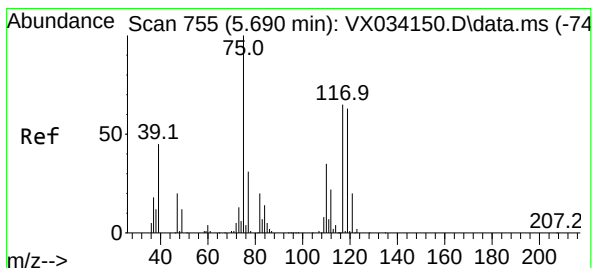
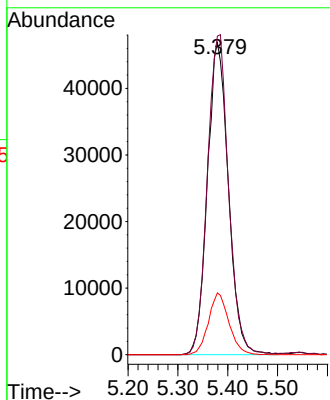
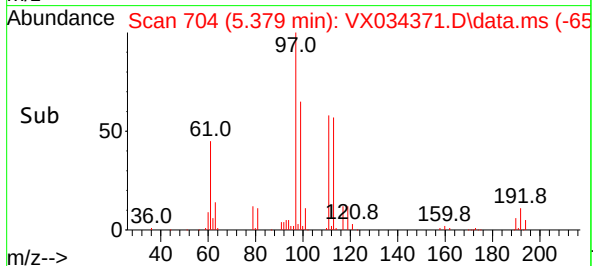
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 13725
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 19.2 19.0 28.4

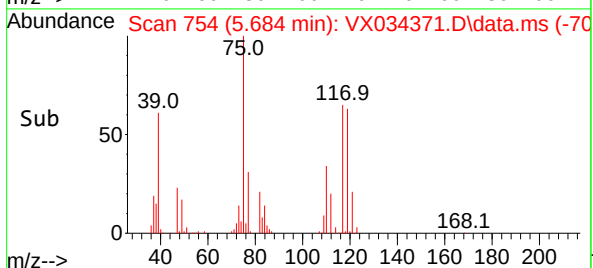
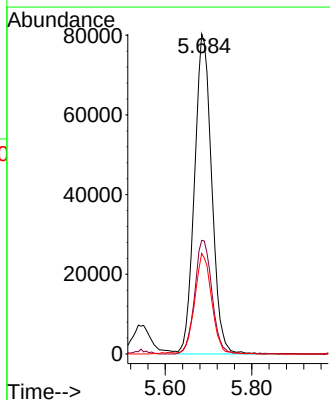
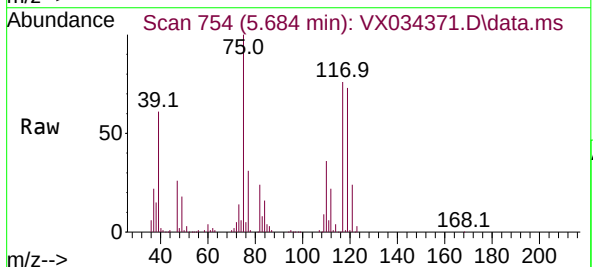
Manual Integrations
APPROVED

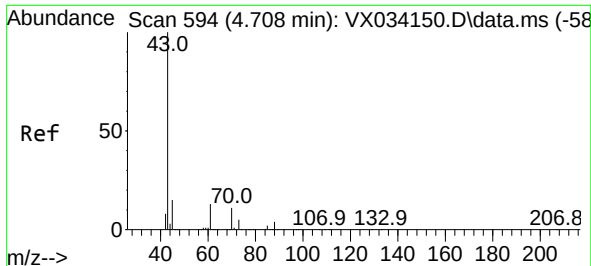
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#36
1,1-Dichloropropene
Concen: 52.254 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion: 75 Resp: 221324
Ion Ratio Lower Upper
75 100
110 35.7 18.8 56.4
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 50.530 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 239189

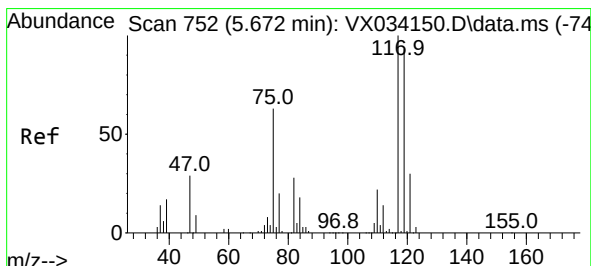
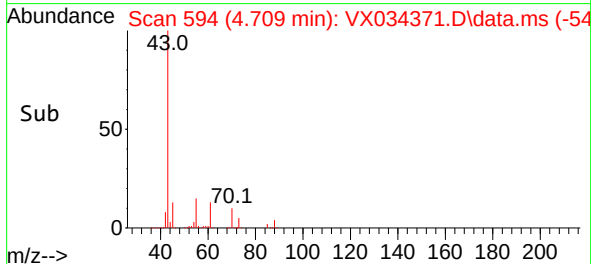
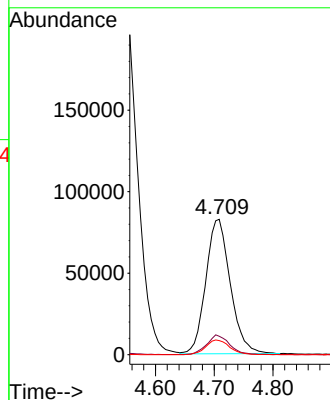
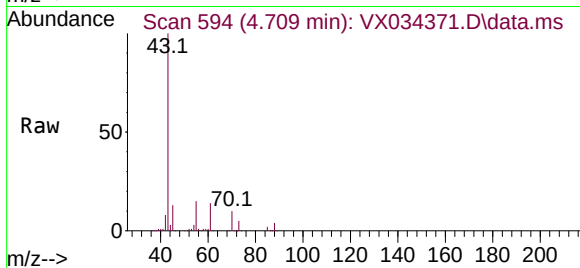
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#38

Carbon Tetrachloride

Concen: 51.222 ug/l

RT: 5.672 min Scan# 752

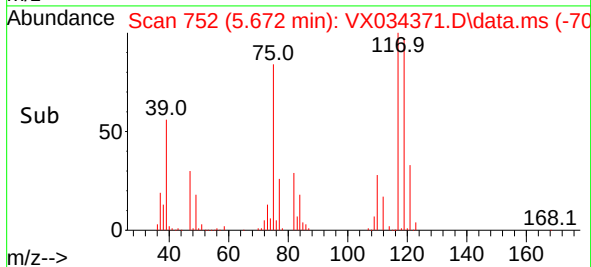
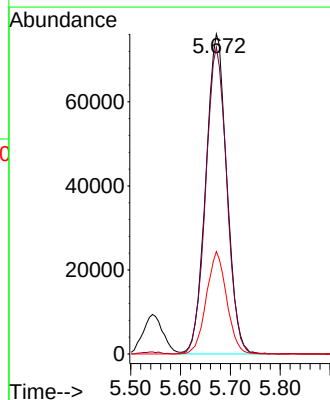
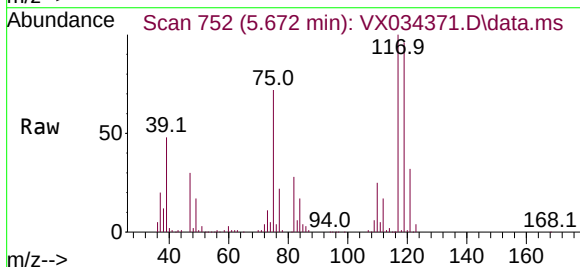
Delta R.T. 0.000 min

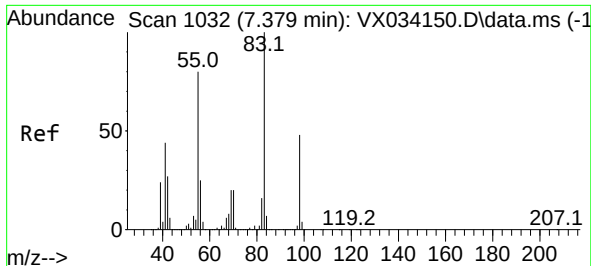
Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Tgt Ion:117 Resp: 223249

Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
121	32.0	24.4	36.6





#39

Methylcyclohexane

Concen: 50.209 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

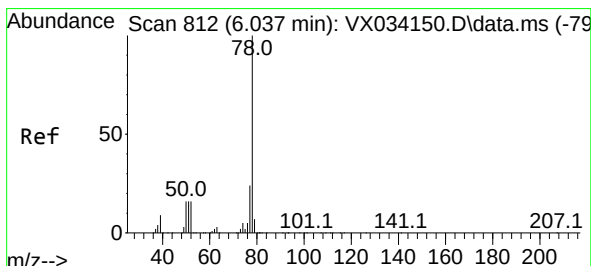
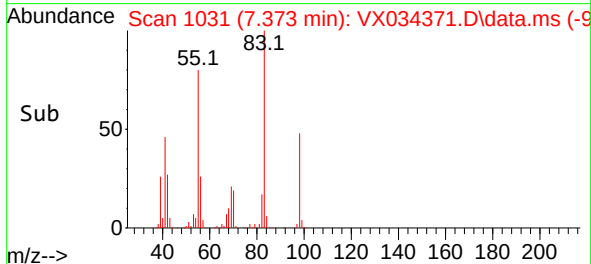
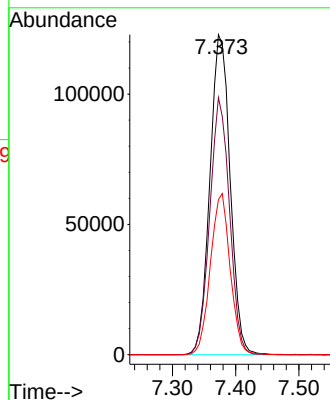
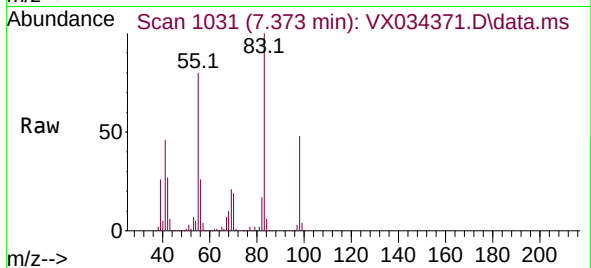
Tgt Ion: 83	Resp: 273672
Ion Ratio	Lower Upper
83	100
55	80.3 61.8 92.6
98	48.5 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#40

Benzene

Concen: 51.844 ug/l

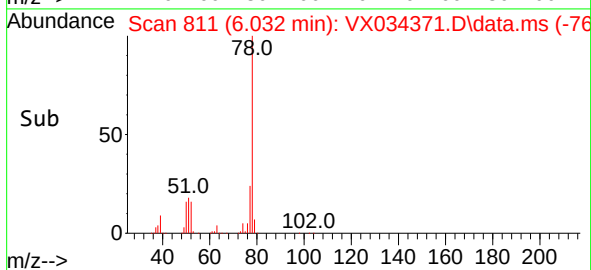
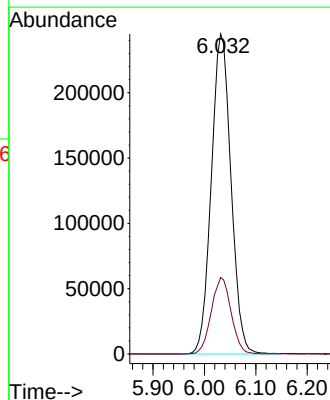
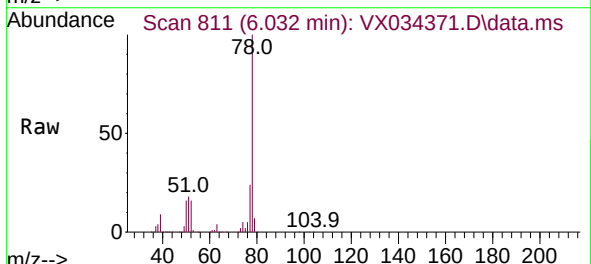
RT: 6.032 min Scan# 811

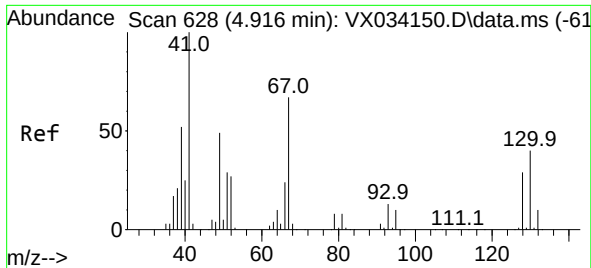
Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Tgt Ion: 78	Resp: 650738
Ion Ratio	Lower Upper
78	100
77	23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 52.206 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

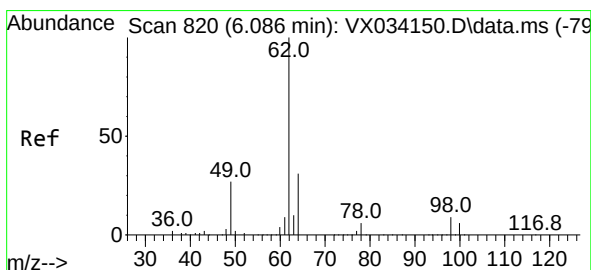
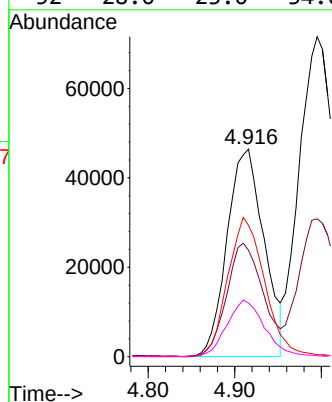
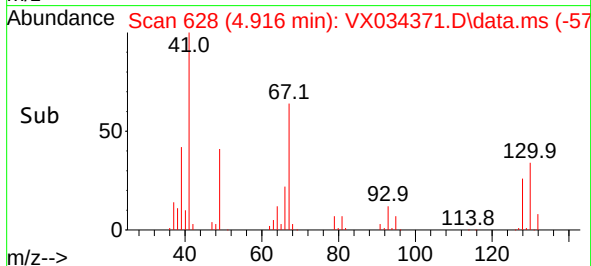
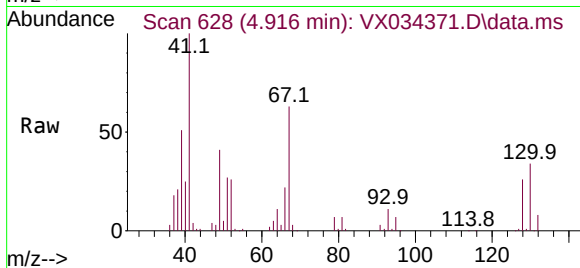
Tgt Ion: 41 Resp: 13768
Ion Ratio Lower Upper
41 100
39 54.2 43.8 65.6
67 67.4 54.8 82.2
52 28.0 23.0 34.6

Manual Integrations

APPROVED

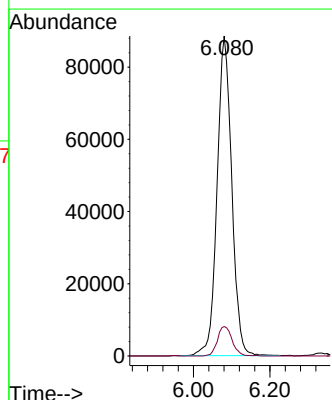
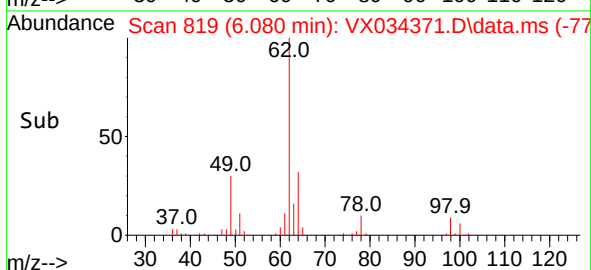
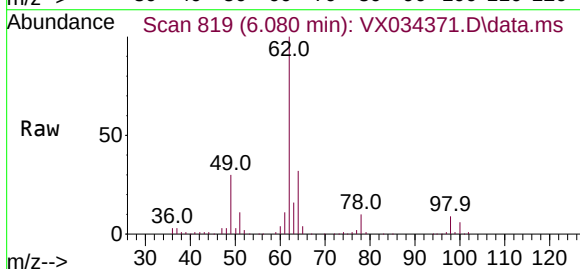
Reviewed By :John Carlone 03/08/2023

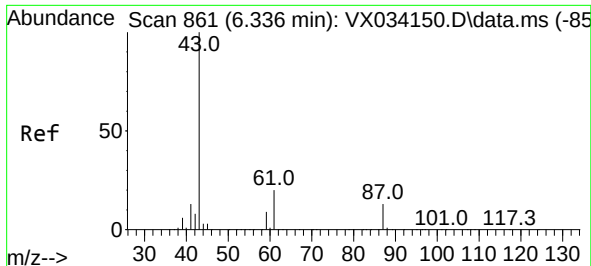
Supervised By :Mahesh Dadoda 03/08/2023



#42
1,2-Dichloroethane
Concen: 53.384 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

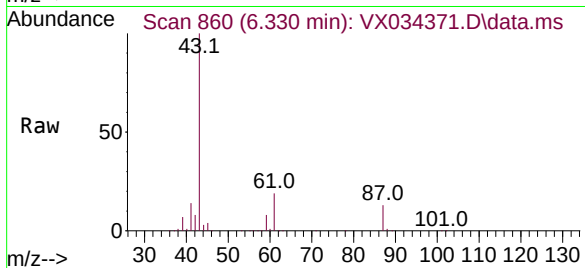
Tgt Ion: 62 Resp: 235664
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 50.171 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

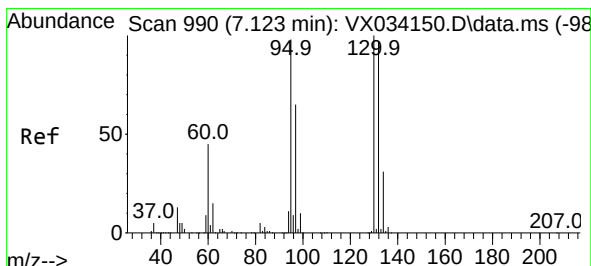
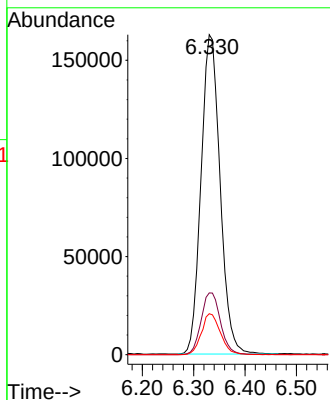
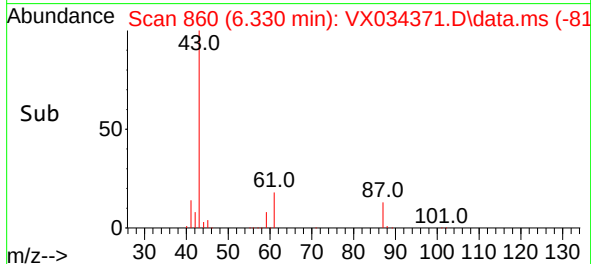
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



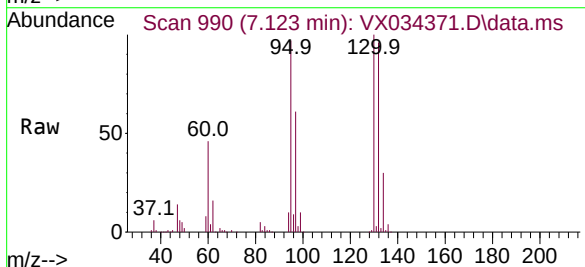
Tgt Ion: 43 Resp: 41909
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 12.8 10.6 15.8

Manual Integrations
APPROVED

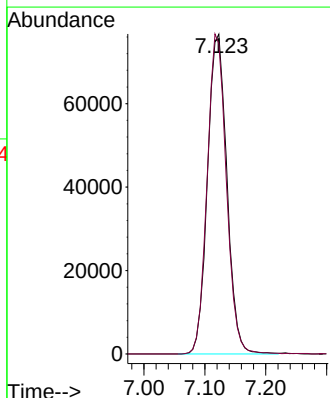
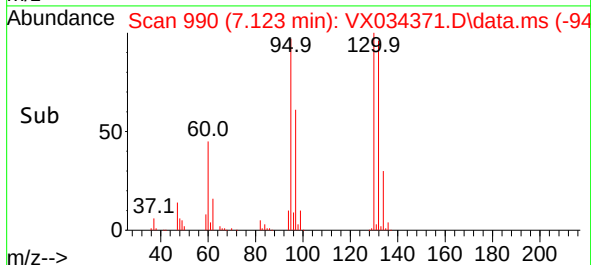
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

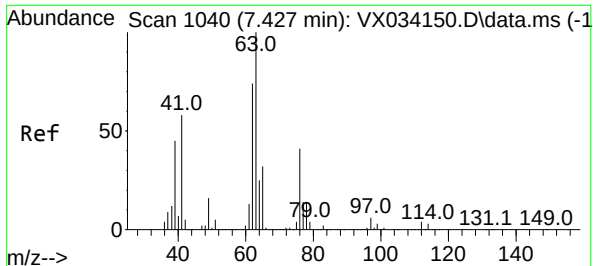


#44
Trichloroethene
Concen: 52.772 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion:130 Resp: 169981
Ion Ratio Lower Upper
130 100
95 97.0 0.0 182.6





#45

1,2-Dichloropropane

Concen: 51.810 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 173119

Ion Ratio Lower Upper

63 100

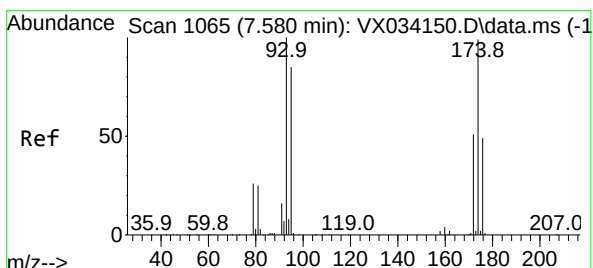
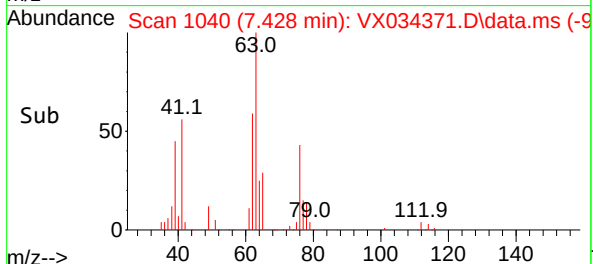
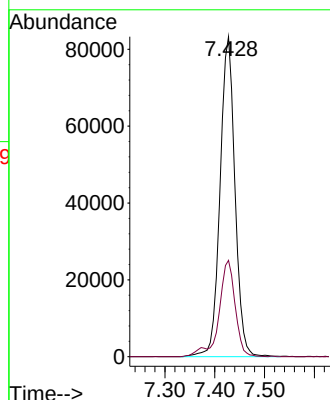
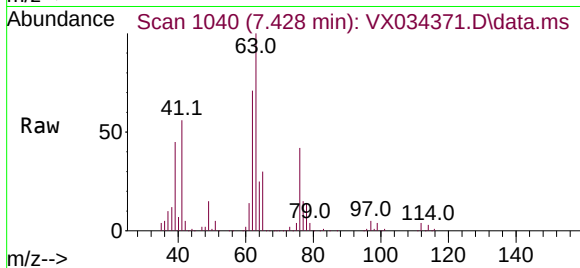
65 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#46

Dibromomethane

Concen: 52.131 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

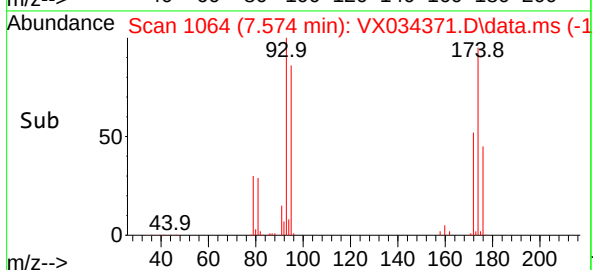
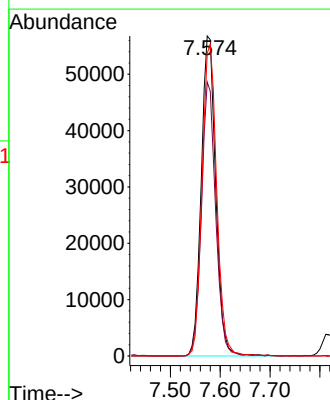
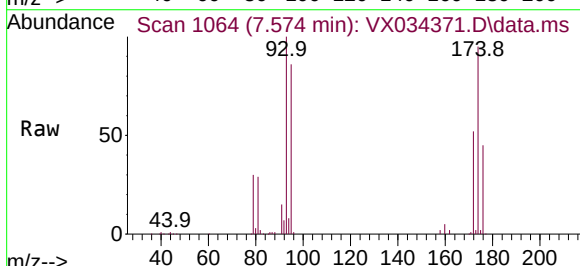
Tgt Ion: 93 Resp: 114638

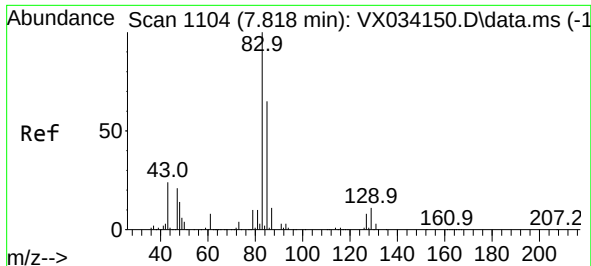
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

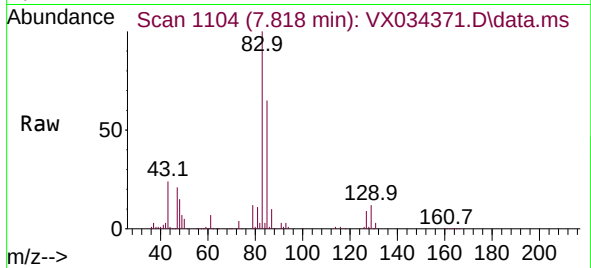
174 98.4 97.4 146.0





#47
Bromodichloromethane
Concen: 51.775 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

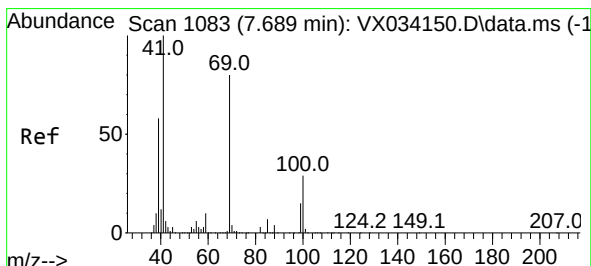
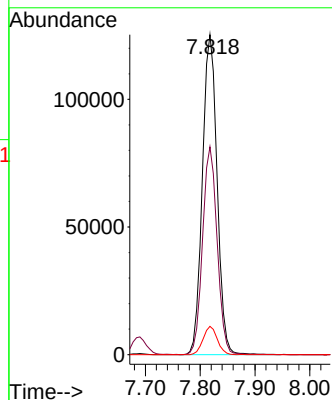
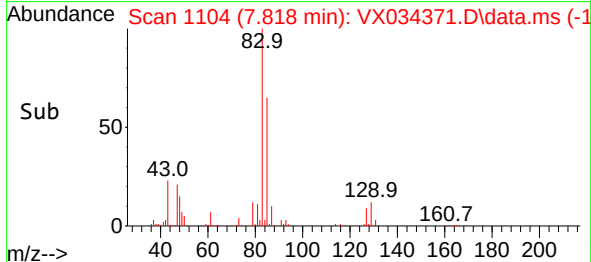
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



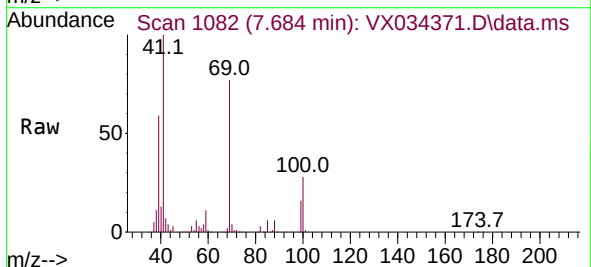
Tgt Ion: 83 Resp: 233658
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 8.8 7.0 10.4

Manual Integrations
APPROVED

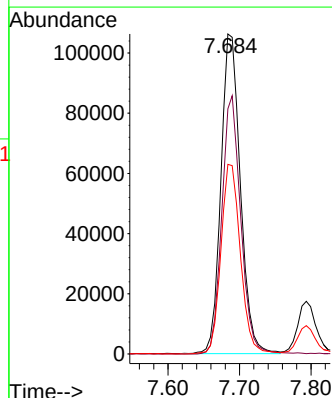
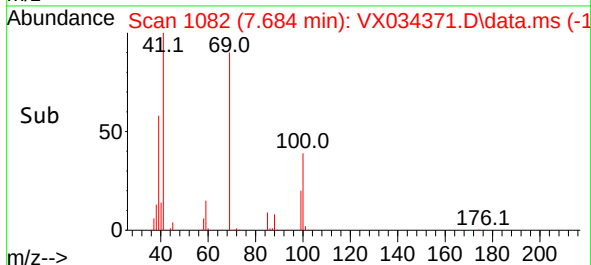
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

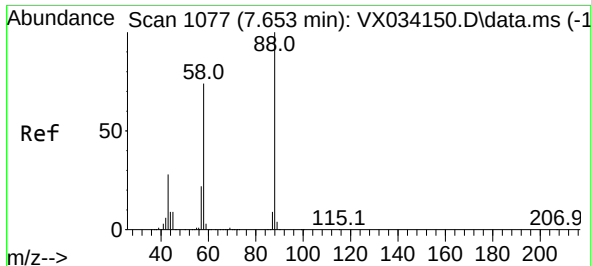


#48
Methyl methacrylate
Concen: 50.772 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion: 41 Resp: 201295
Ion Ratio Lower Upper
41 100
69 78.4 63.1 94.7
39 59.5 43.2 64.8





#49

1,4-Dioxane

Concen: 1028.358 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8132

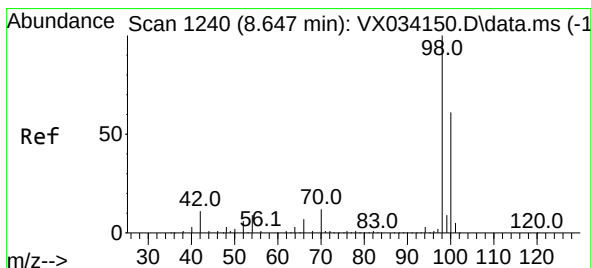
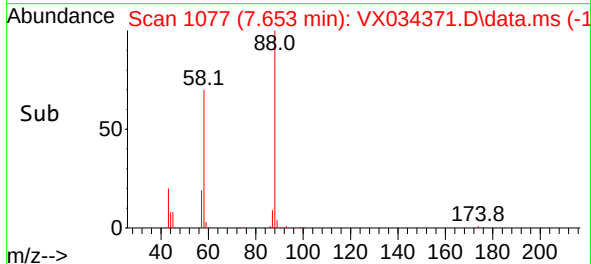
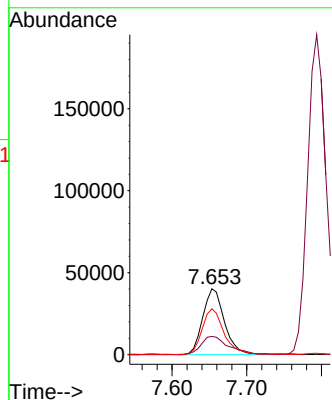
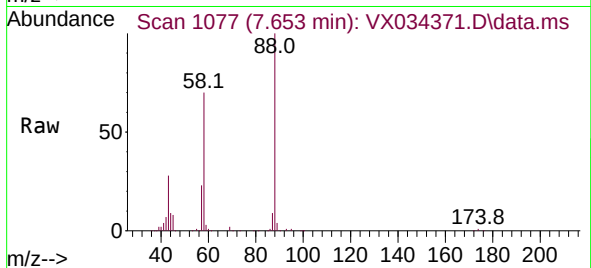
Ion	Ratio	Lower	Upper
88	100		
43	34.3	0.0	0.0
58	70.2	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#50

Toluene-d8

Concen: 48.990 ug/l

RT: 8.647 min Scan# 1240

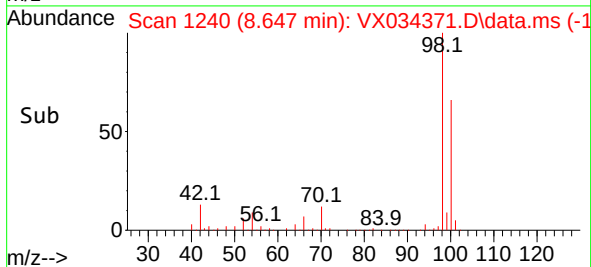
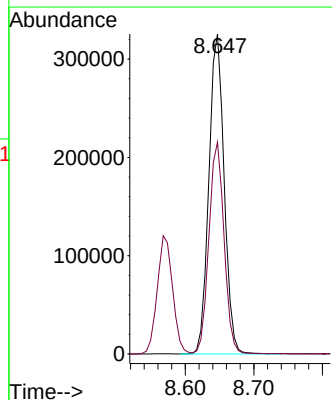
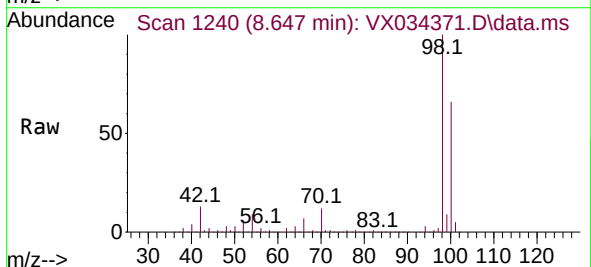
Delta R.T. 0.000 min

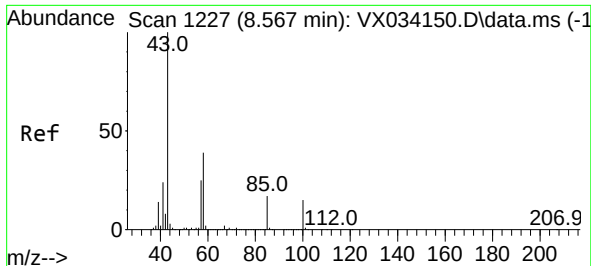
Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Tgt Ion: 98 Resp: 503739

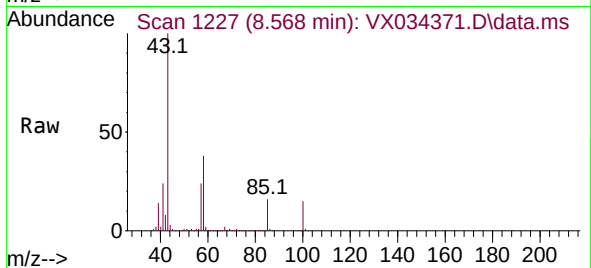
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 273.400 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

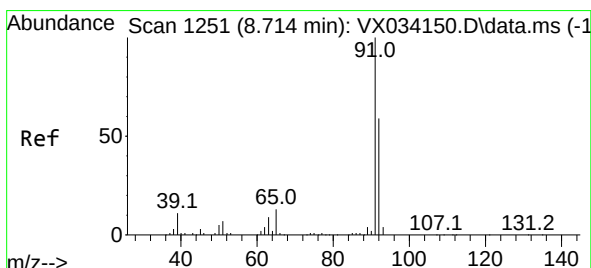
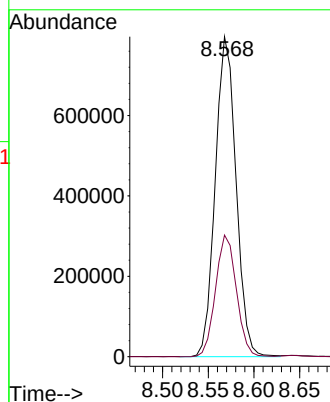
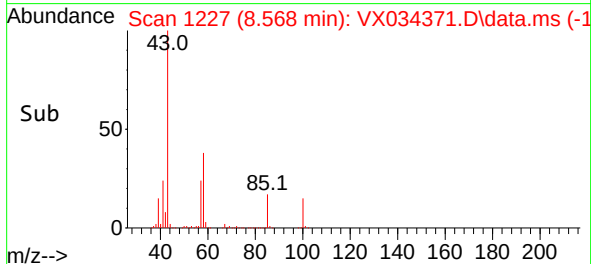
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1256478
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

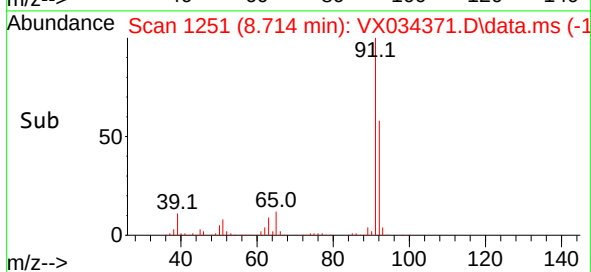
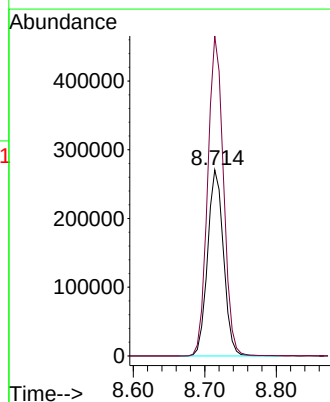
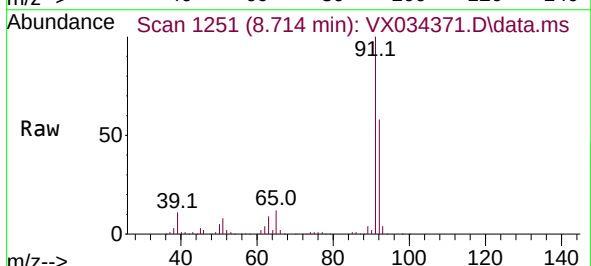
Manual Integrations
APPROVED

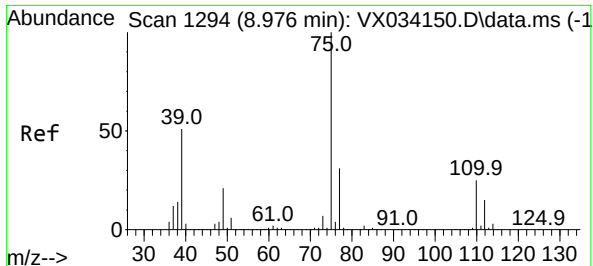
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#52
Toluene
Concen: 55.031 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion: 92 Resp: 418535
Ion Ratio Lower Upper
92 100
91 170.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 52.525 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 27285

Ion Ratio Lower Upper

75 100

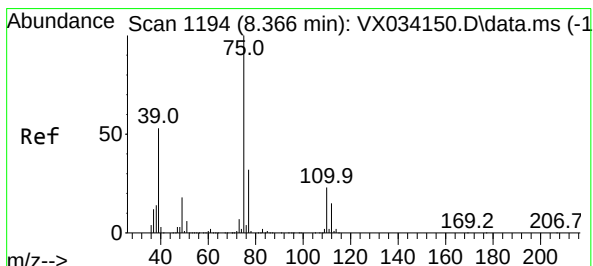
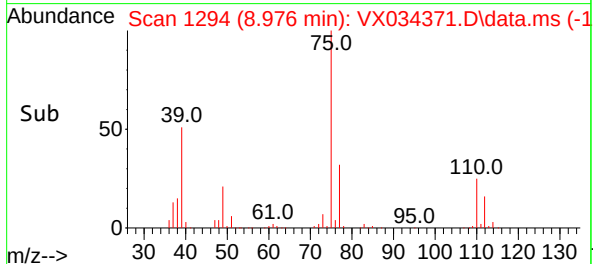
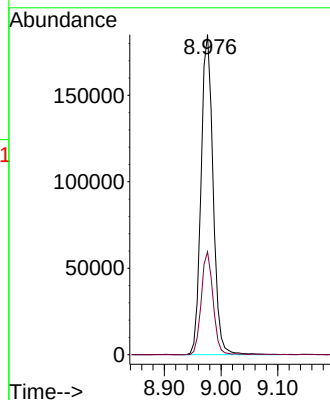
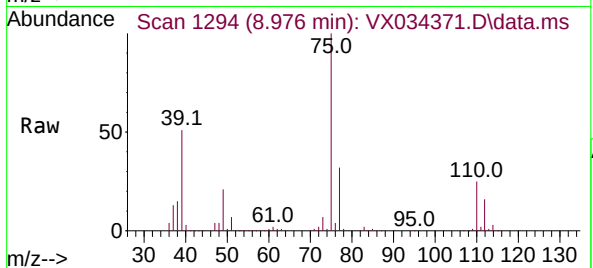
77 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#54

cis-1,3-Dichloropropene

Concen: 50.927 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

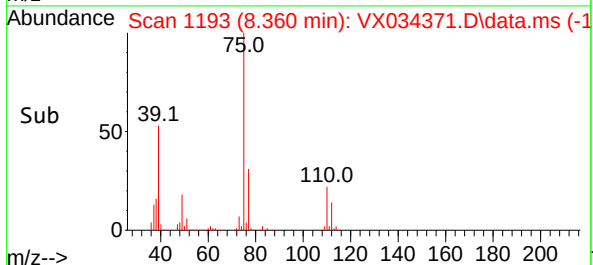
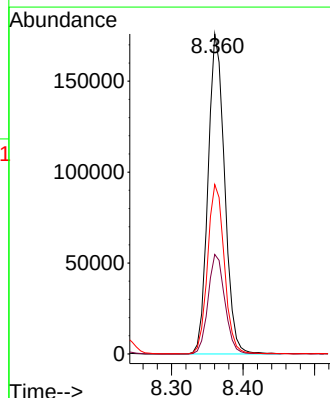
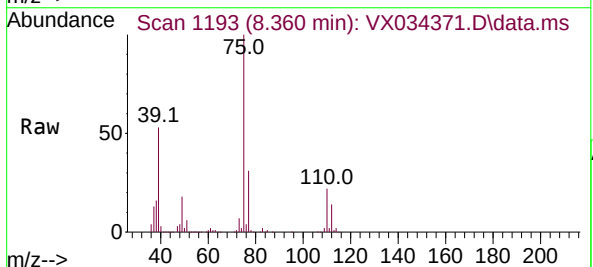
Tgt Ion: 75 Resp: 283213

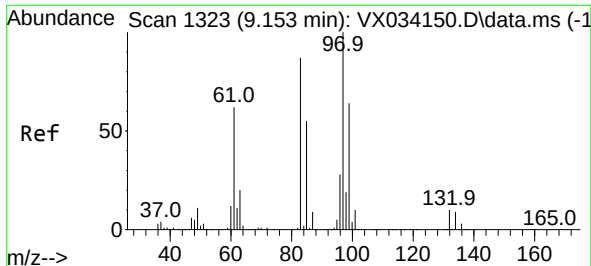
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

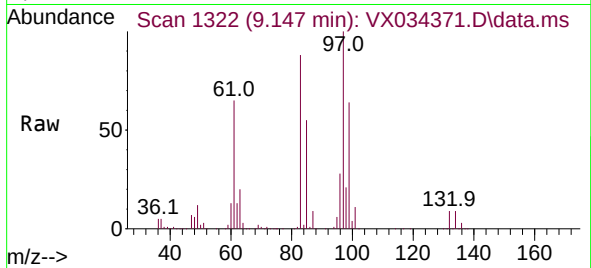
39 52.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 55.014 ug/l
RT: 9.147 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

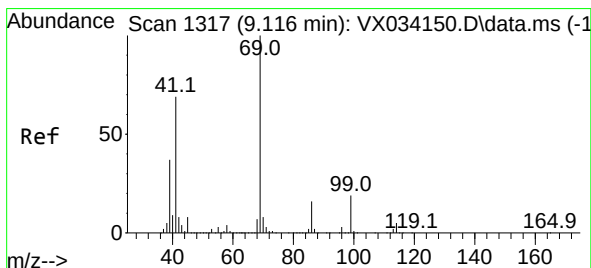
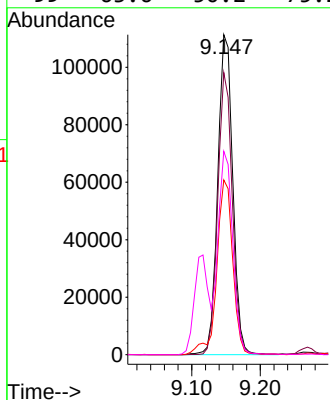
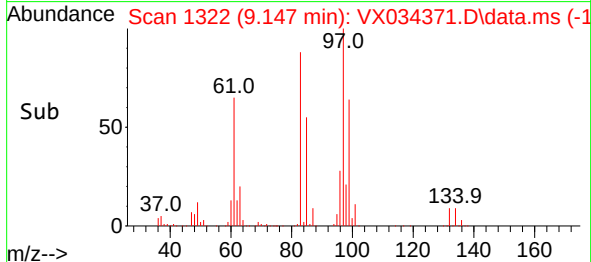
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 16888
Ion Ratio Lower Upper
97 100
83 88.2 67.4 101.0
85 54.6 43.2 64.8
99 63.6 50.2 75.2

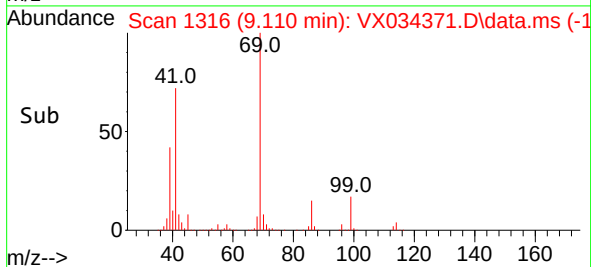
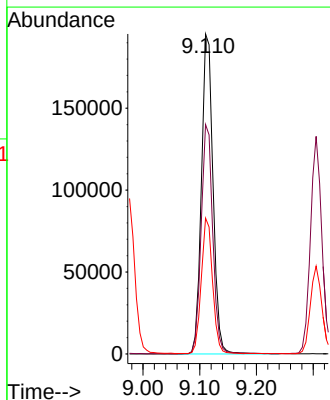
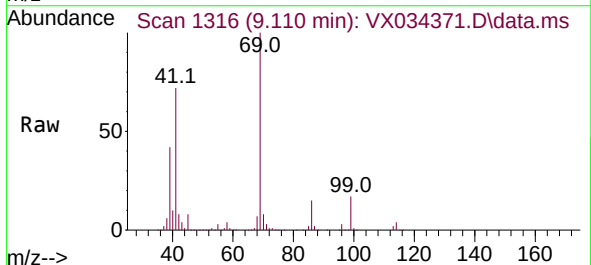
Manual Integrations
APPROVED

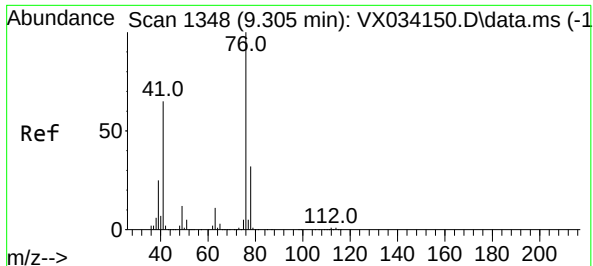
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#56
Ethyl methacrylate
Concen: 53.480 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion: 69 Resp: 277736
Ion Ratio Lower Upper
69 100
41 71.7 55.1 82.7
39 41.2 28.5 42.7





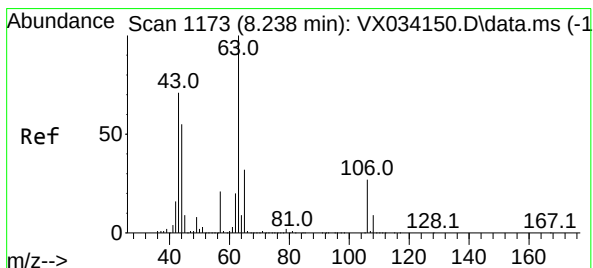
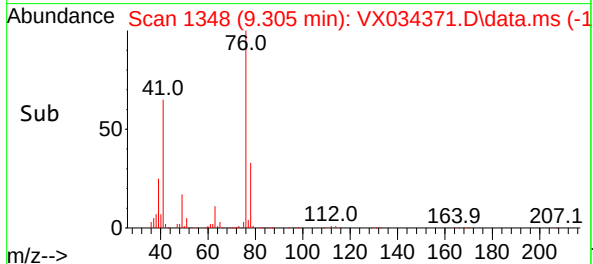
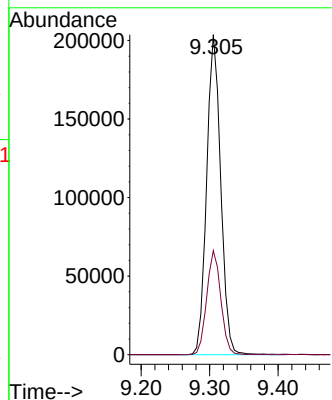
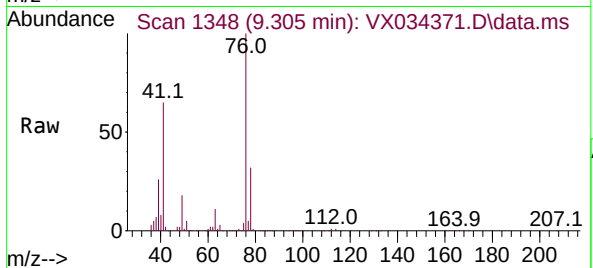
#57
1,3-Dichloropropane
Concen: 54.449 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 290820
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

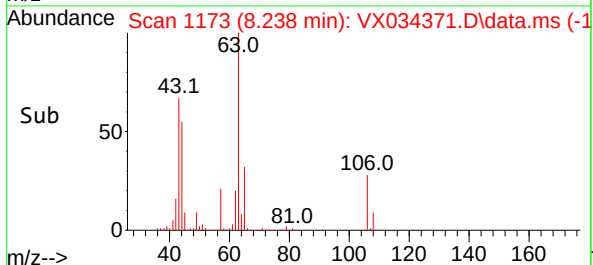
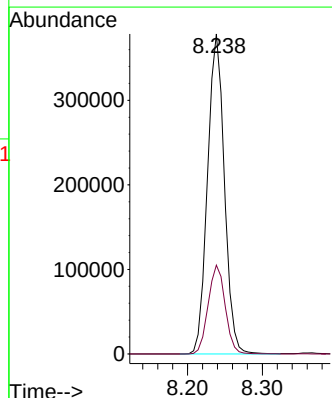
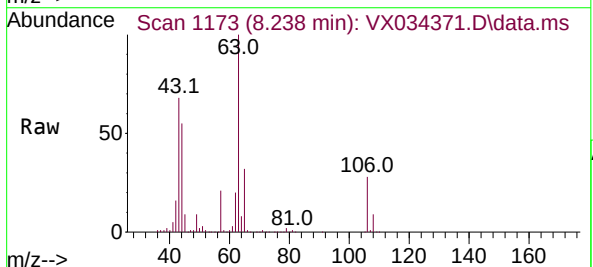
Manual Integrations
APPROVED

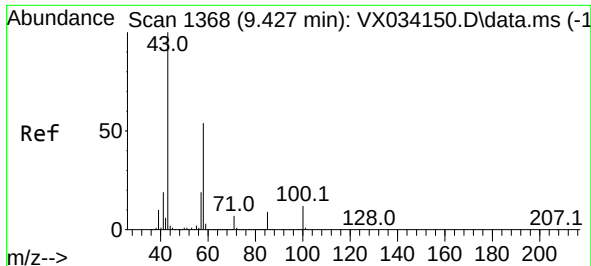
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 263.543 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

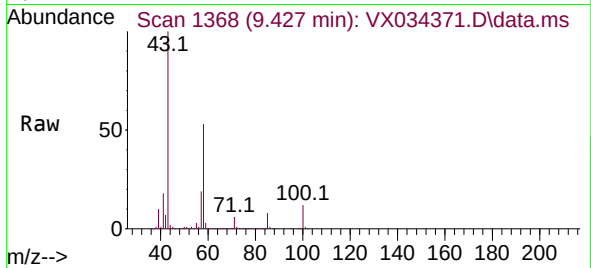
Tgt Ion: 63 Resp: 592882
Ion Ratio Lower Upper
63 100
106 28.0 24.5 36.7





#59
2-Hexanone
Concen: 271.317 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

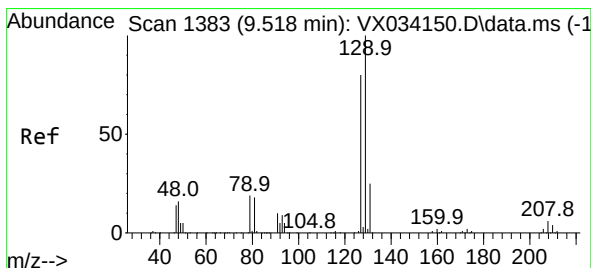
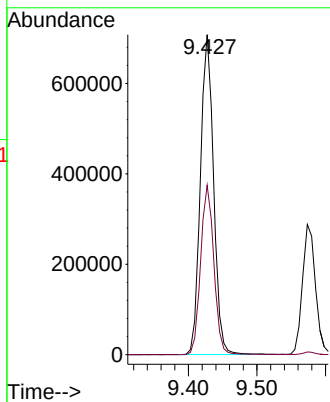
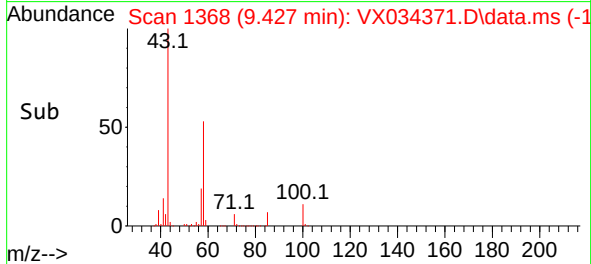
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 95027
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.0

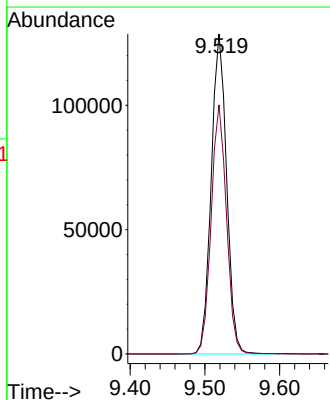
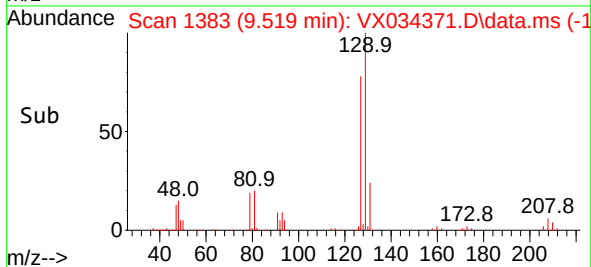
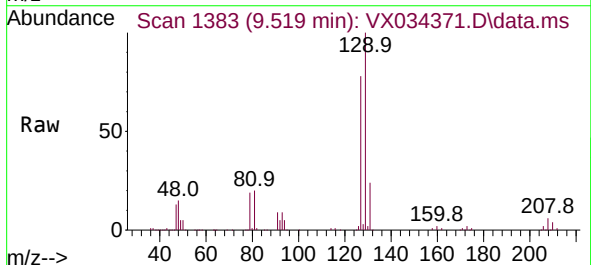
Manual Integrations
APPROVED

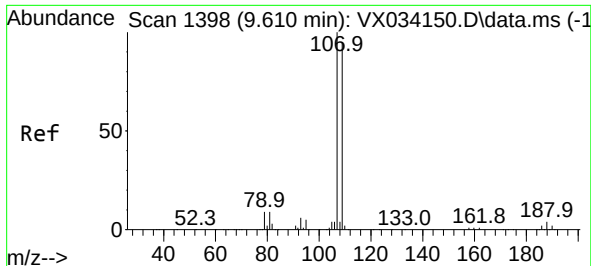
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#60
Dibromochloromethane
Concen: 54.221 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

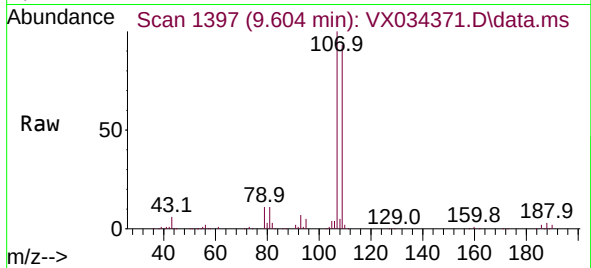
Tgt Ion:129 Resp: 183921
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61
1,2-Dibromoethane
Concen: 54.381 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

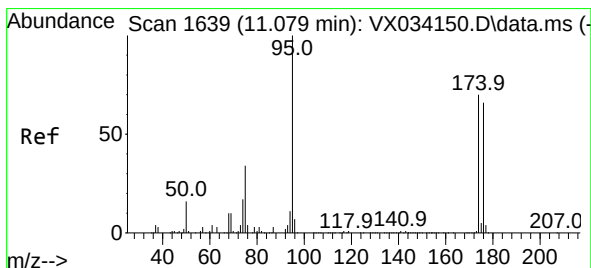
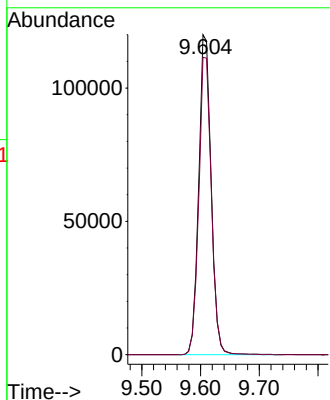
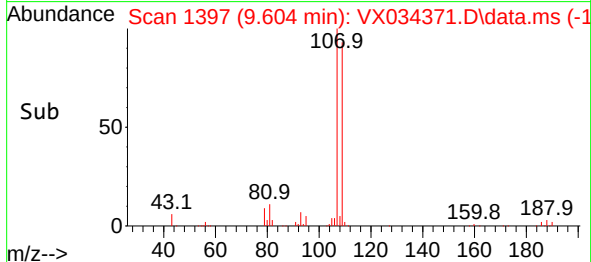
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



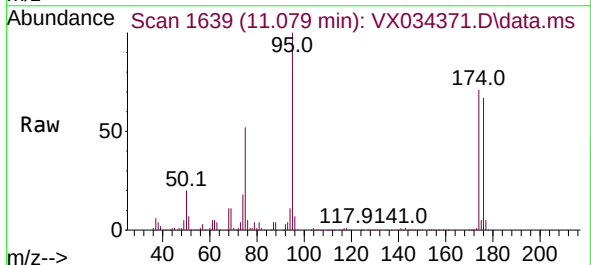
Tgt Ion:107 Resp: 176558
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.2

Manual Integrations
APPROVED

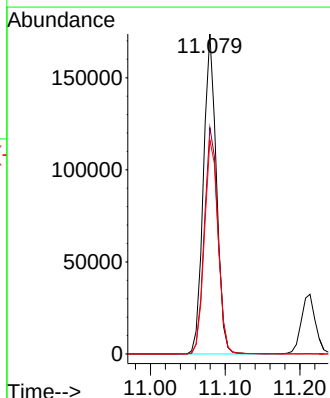
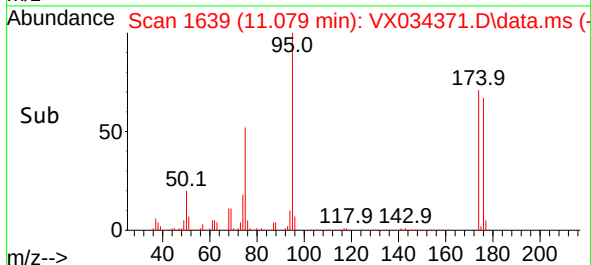
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

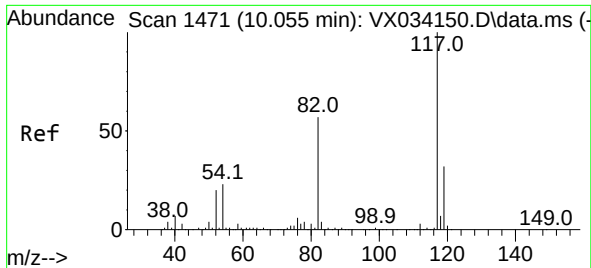


#62
4-Bromofluorobenzene
Concen: 53.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



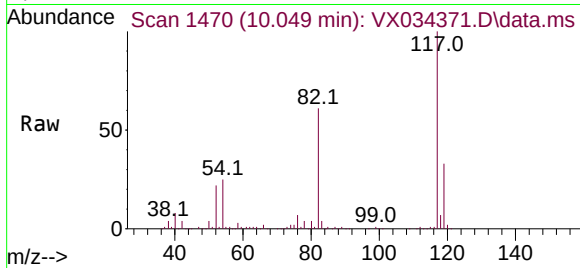
Tgt Ion: 95 Resp: 210478
Ion Ratio Lower Upper
95 100
174 73.7 0.0 184.4
176 70.3 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

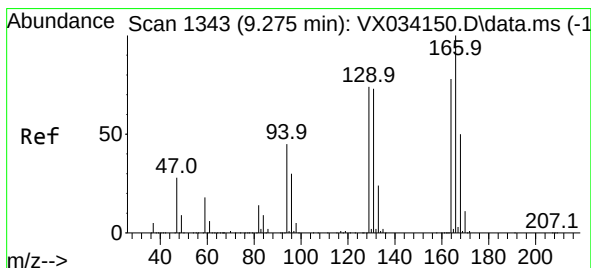
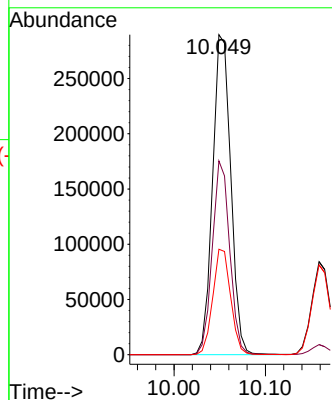
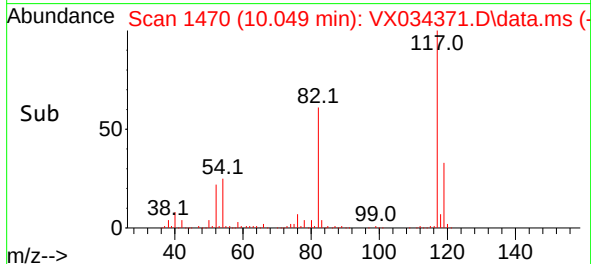
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 400328
Ion Ratio Lower Upper
117 100
82 60.5 40.6 60.8
119 32.9 25.6 38.4

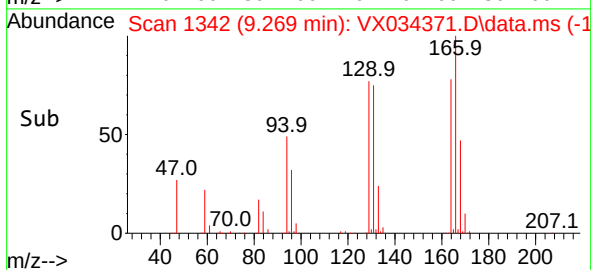
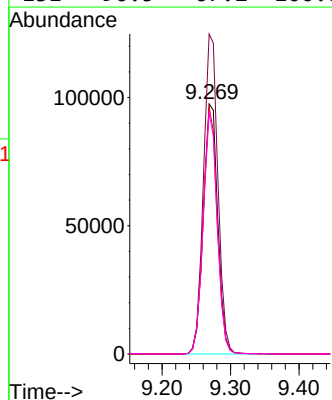
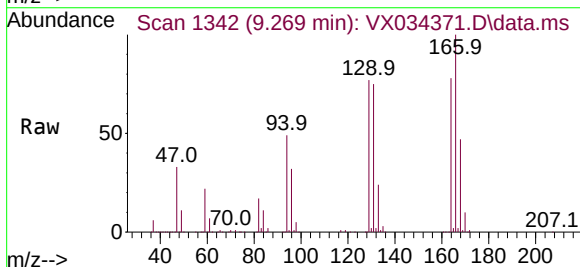
Manual Integrations
APPROVED

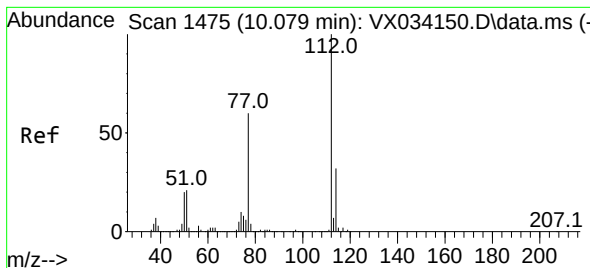
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#64
Tetrachloroethene
Concen: 50.755 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion:164 Resp: 143404
Ion Ratio Lower Upper
164 100
166 127.9 100.2 150.2
129 98.7 69.2 103.8
131 96.5 67.2 100.8





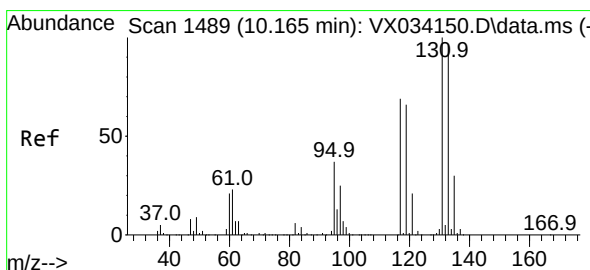
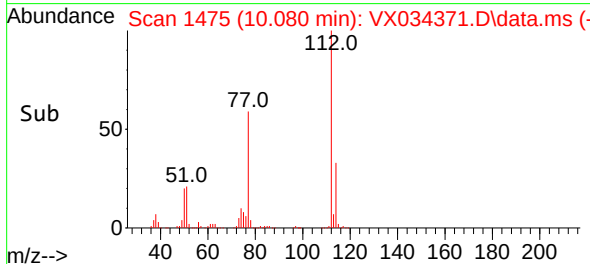
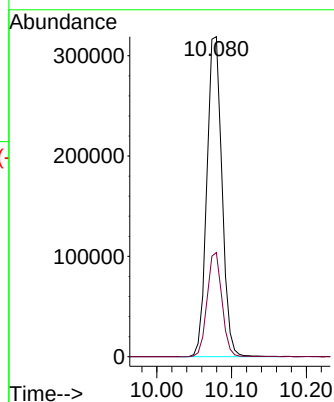
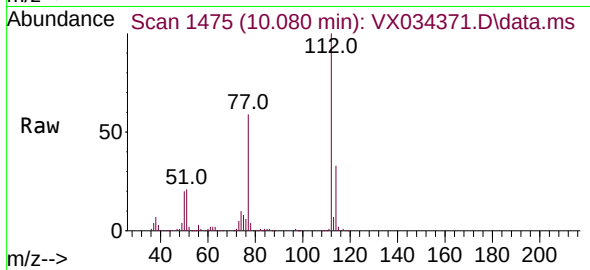
#65
Chlorobenzene
Concen: 53.580 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 447110
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4

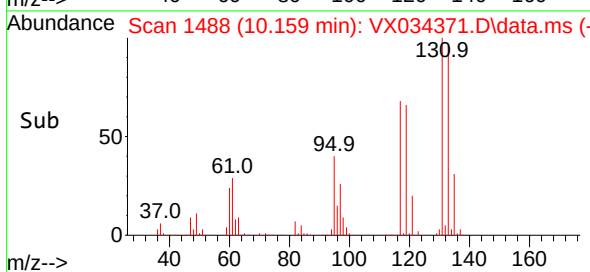
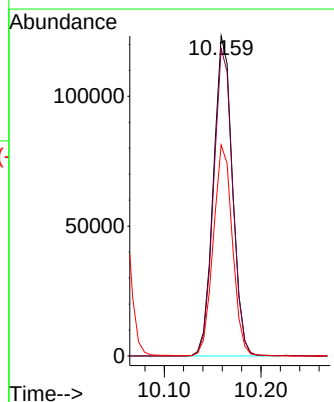
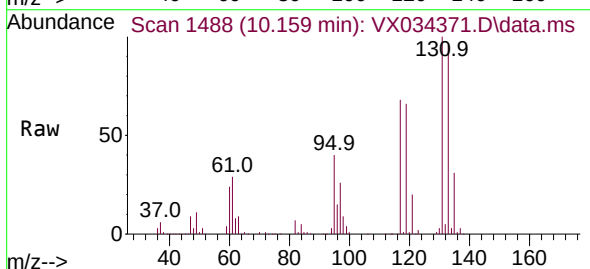
Manual Integrations
APPROVED

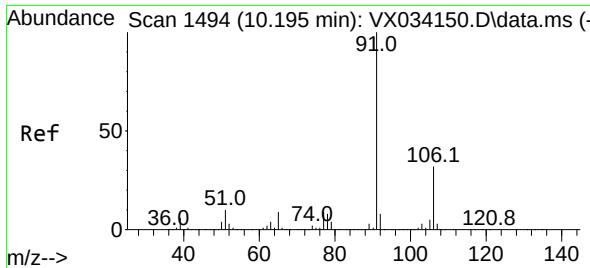
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.923 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

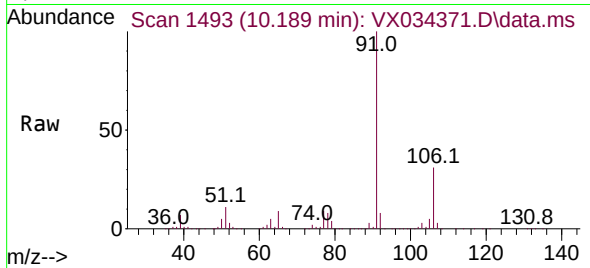
Tgt Ion:131 Resp: 167736
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.0
119 66.2 31.9 95.7





#67
Ethyl Benzene
Concen: 54.598 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

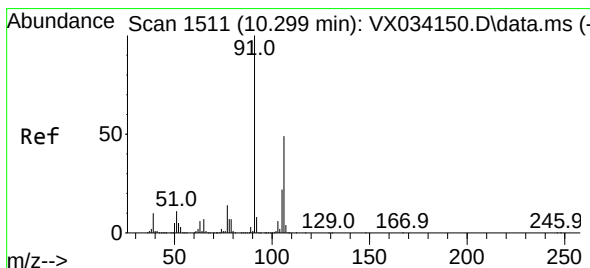
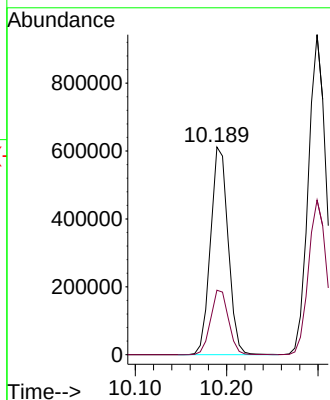
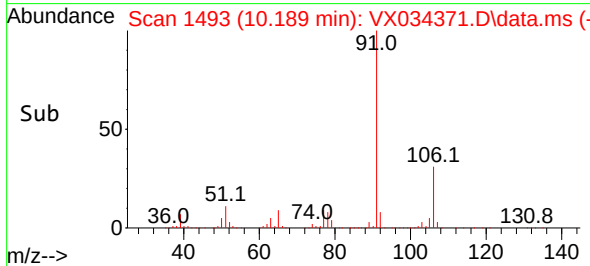
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



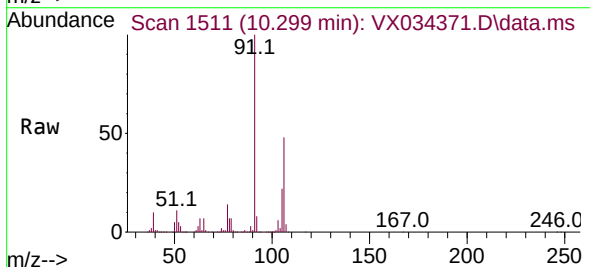
Tgt Ion: 91 Resp: 818522
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8

Manual Integrations
APPROVED

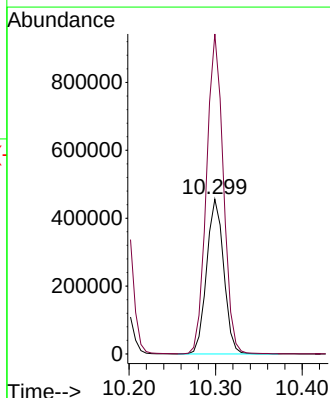
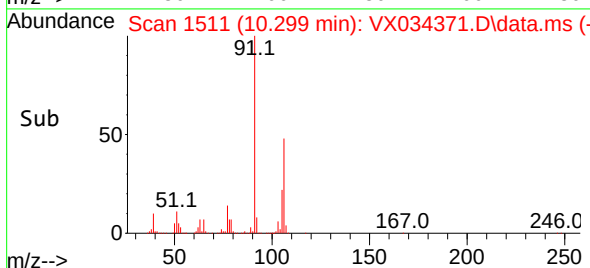
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

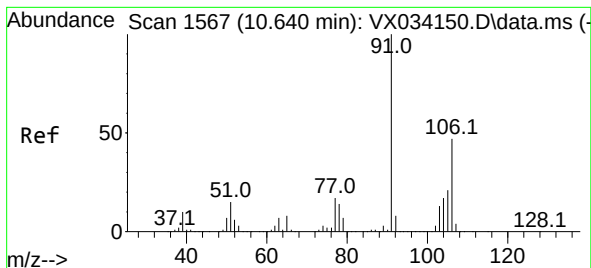


#68
m/p-Xylenes
Concen: 109.029 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion:106 Resp: 625522
Ion Ratio Lower Upper
106 100
91 203.9 156.4 234.6





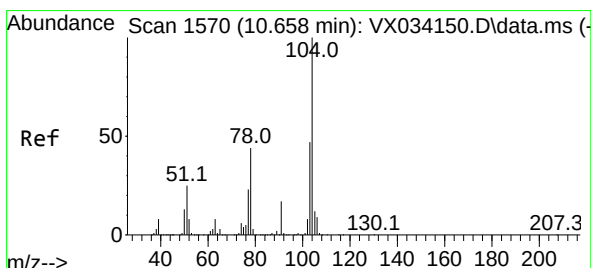
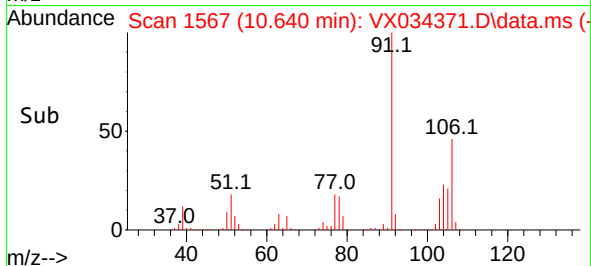
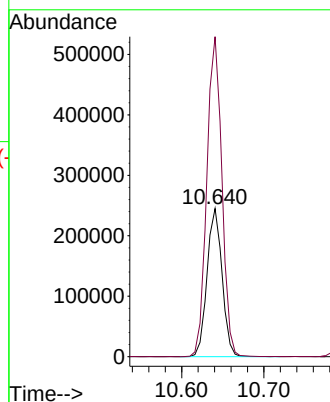
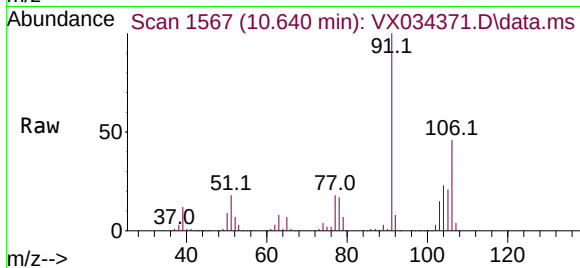
#69
o-Xylene
Concen: 54.369 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 310539
Ion Ratio Lower Upper
106 100
91 217.2 103.1 309.3

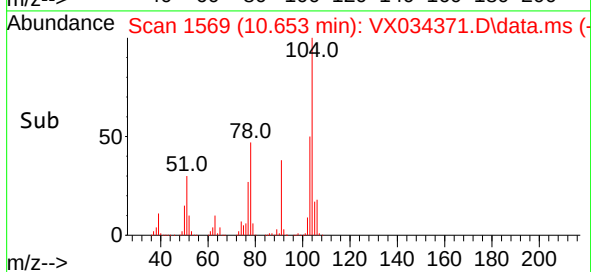
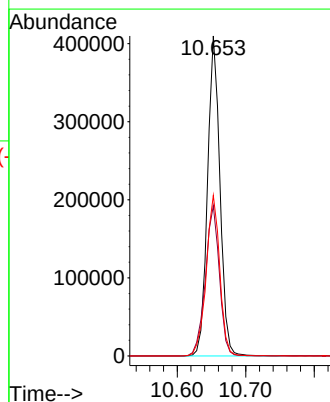
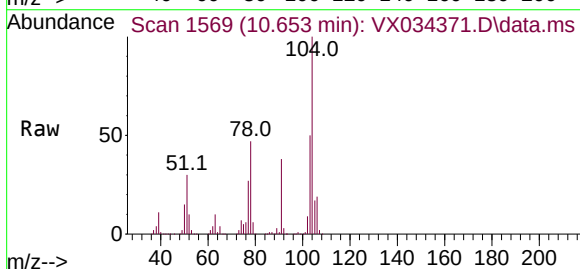
Manual Integrations
APPROVED

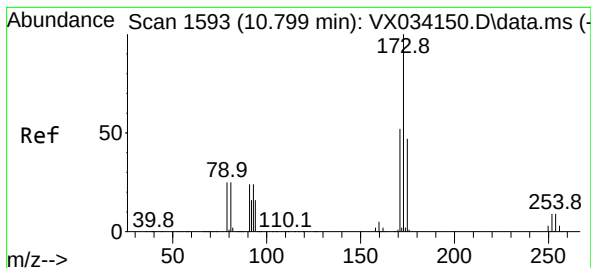
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#70
Styrene
Concen: 55.746 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

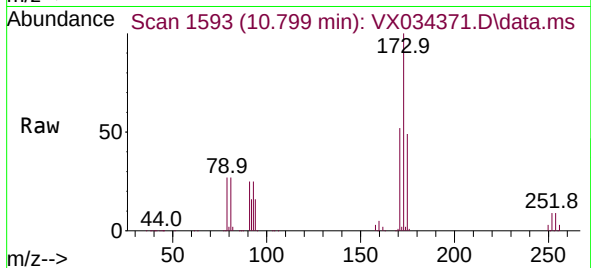
Tgt Ion:104 Resp: 517838
Ion Ratio Lower Upper
104 100
78 53.1 37.5 56.3
103 54.9 43.3 64.9





#71
Bromoform
Concen: 50.710 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

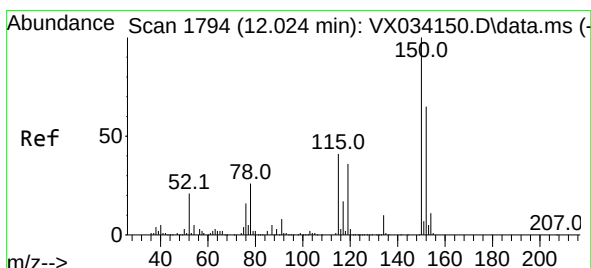
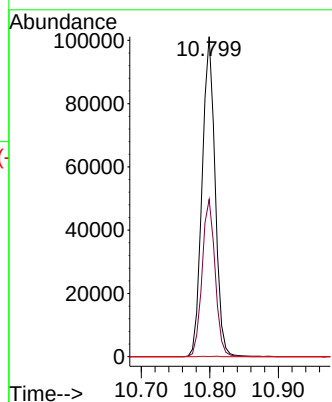
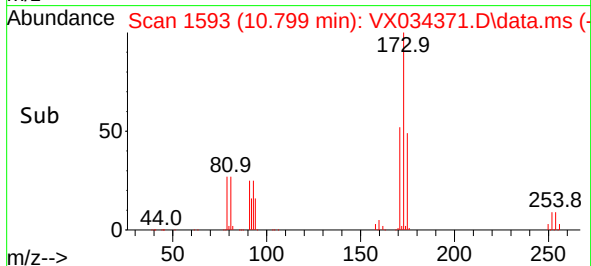
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



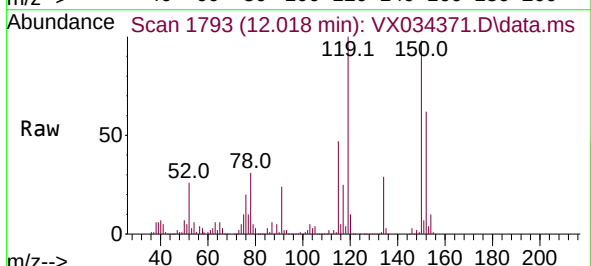
Tgt Ion:173 Resp: 133718
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.3
254 0.2 0.1 0.1

Manual Integrations
APPROVED

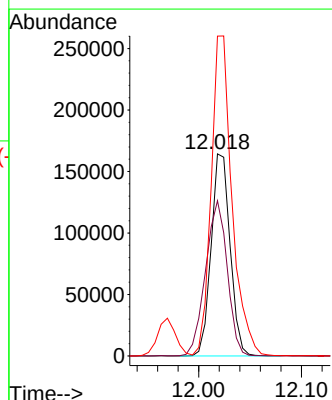
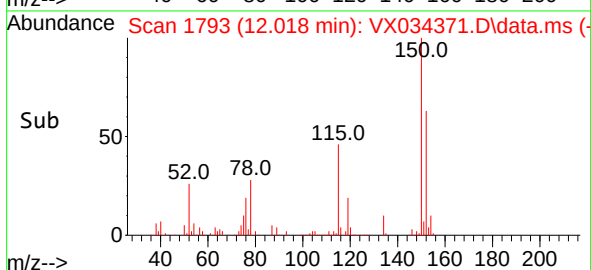
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

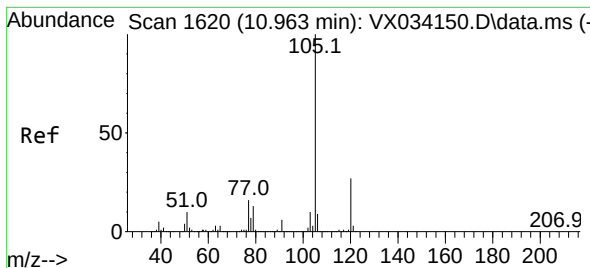


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion:152 Resp: 210167
Ion Ratio Lower Upper
152 100
115 88.0 38.7 116.1
150 174.3 0.0 348.2





#73

Isopropylbenzene

Concen: 50.837 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 81427

Ion Ratio Lower Upper

105 100

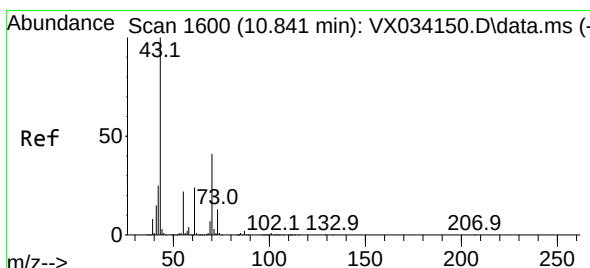
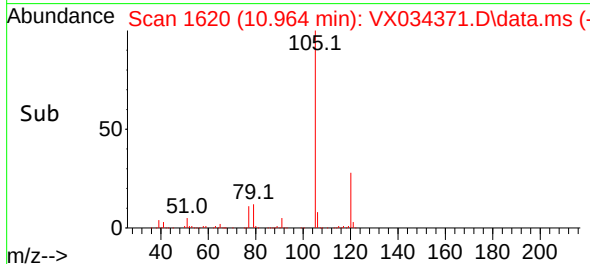
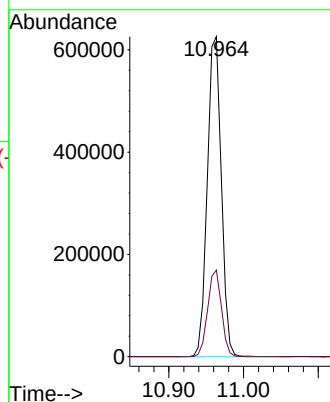
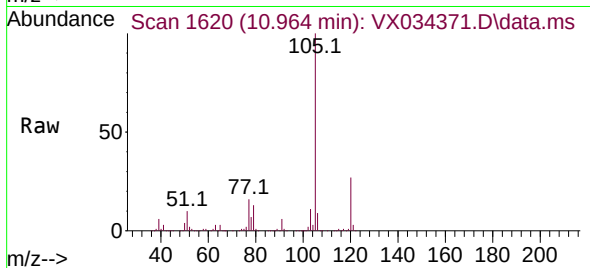
120 26.7 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#74

N-ethyl acetate

Concen: 49.572 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Tgt Ion: 43 Resp: 398903

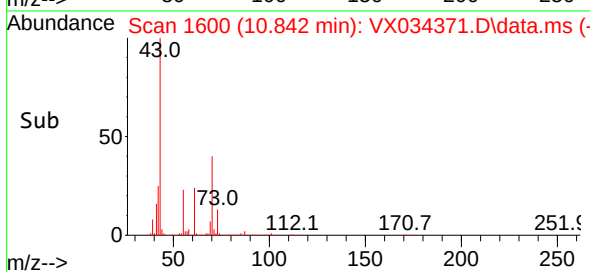
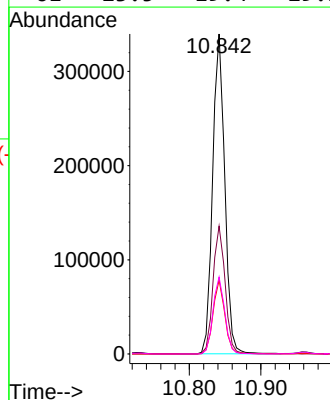
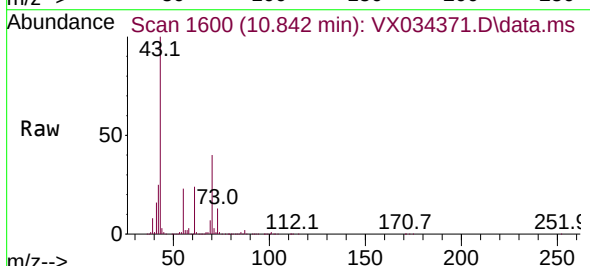
Ion Ratio Lower Upper

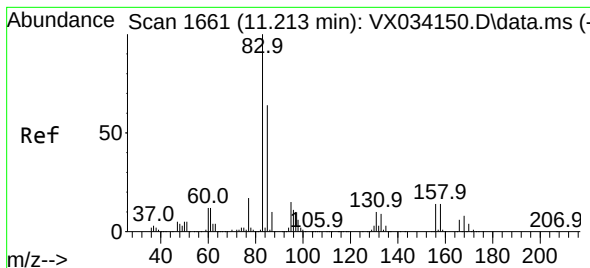
43 100

70 40.1 34.8 52.2

55 22.5 19.4 29.0

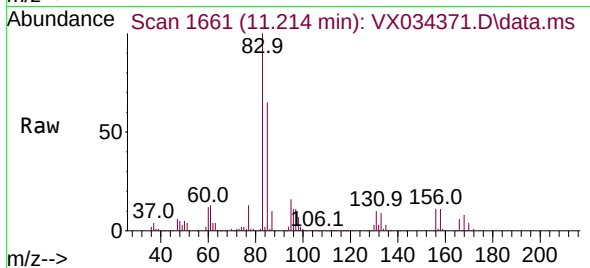
61 23.5 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.999 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

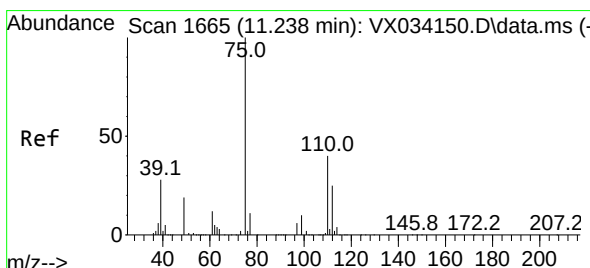
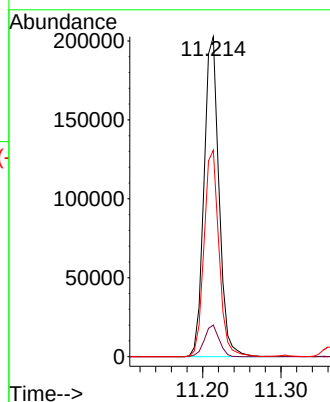
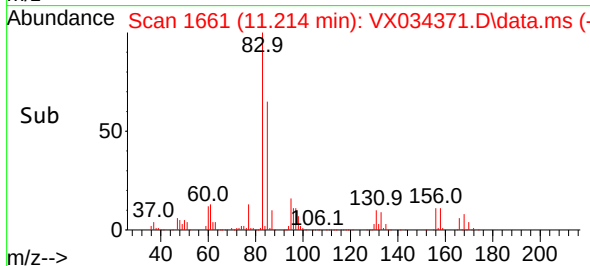
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



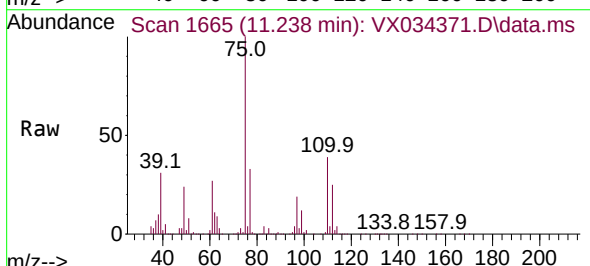
Tgt Ion: 83 Resp: 26843
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 64.6 32.3 96.9

Manual Integrations
APPROVED

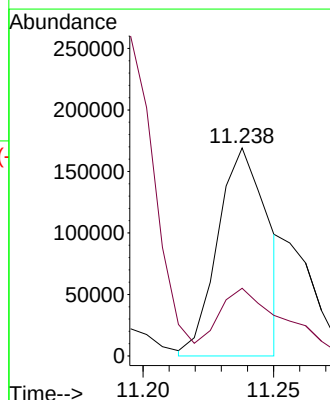
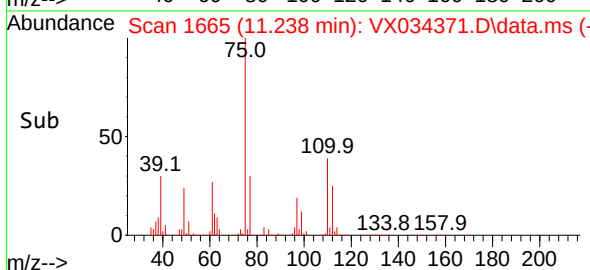
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

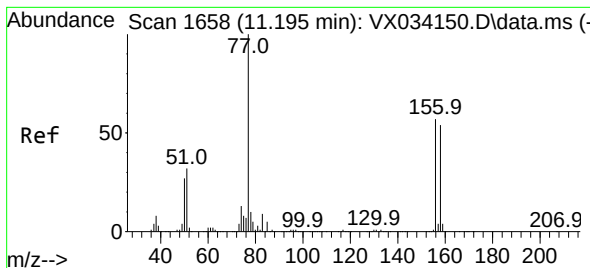


#76
1,2,3-Trichloropropane
Concen: 42.610 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion: 75 Resp: 225340
Ion Ratio Lower Upper
75 100
77 43.3 21.8 65.4





#77

Bromobenzene

Concen: 49.961 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

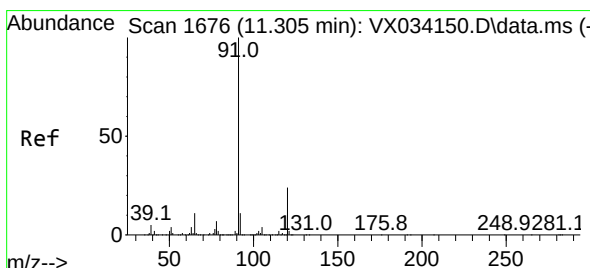
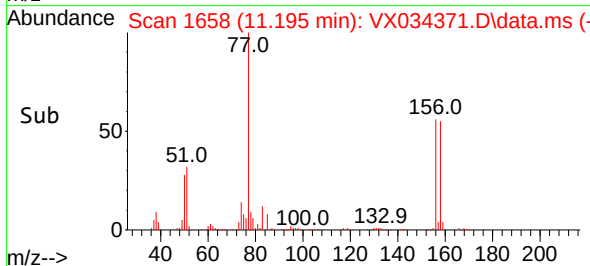
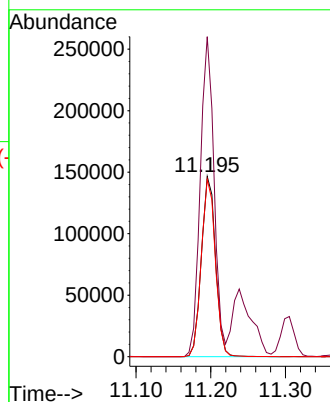
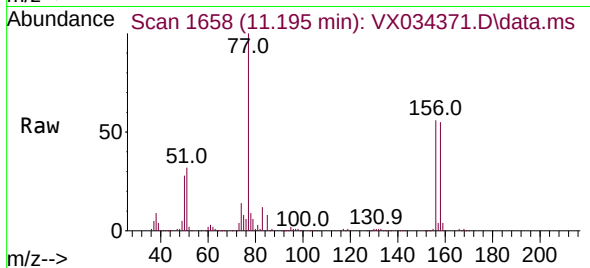
Tgt Ion:	156	Resp:	192579
Ion Ratio	Lower	Upper	
156	100		
77	173.2	68.1	204.3
158	98.0	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#78

n-propylbenzene

Concen: 52.153 ug/l

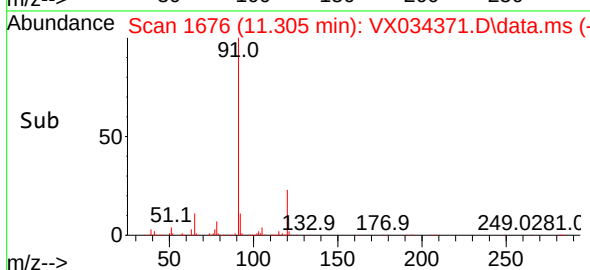
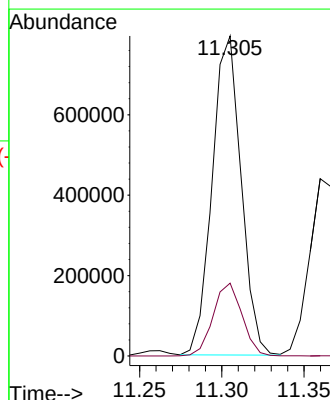
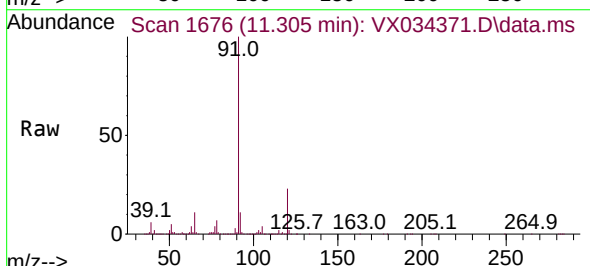
RT: 11.305 min Scan# 1676

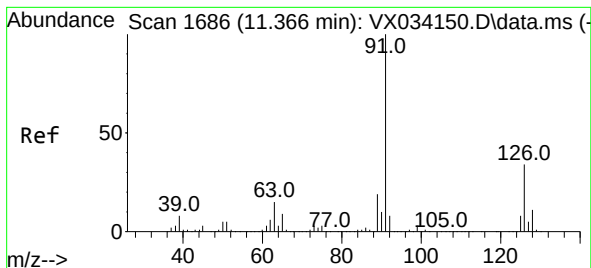
Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Tgt Ion:	91	Resp:	971540
Ion Ratio	Lower	Upper	
91	100		
120	22.8	12.3	36.8





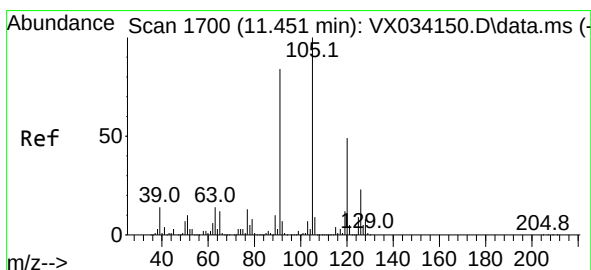
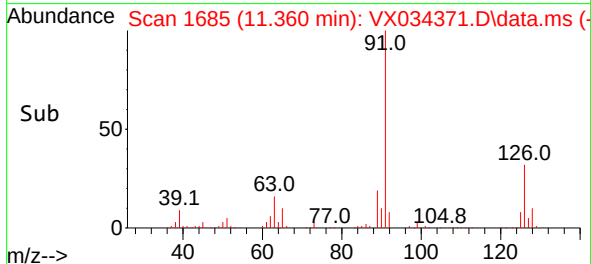
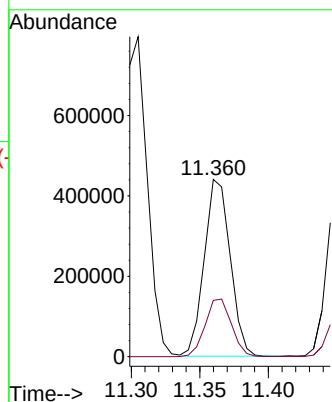
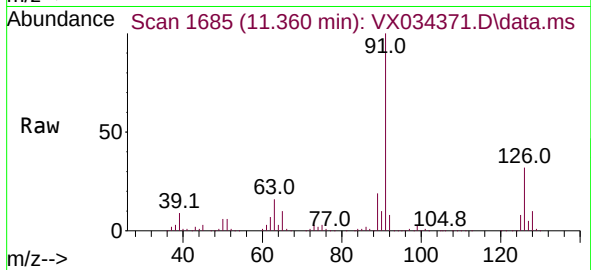
#79
2-Chlorotoluene
Concen: 50.709 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 57923
Ion Ratio Lower Upper
91 100
126 33.1 18.1 54.1

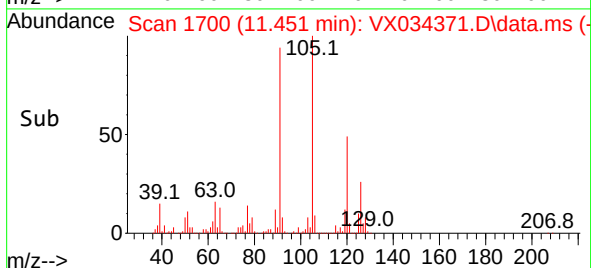
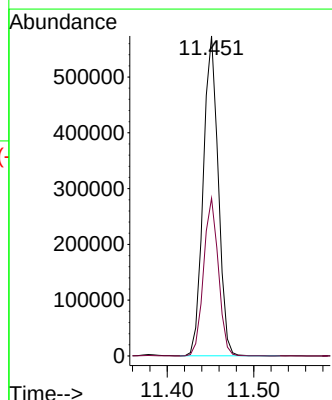
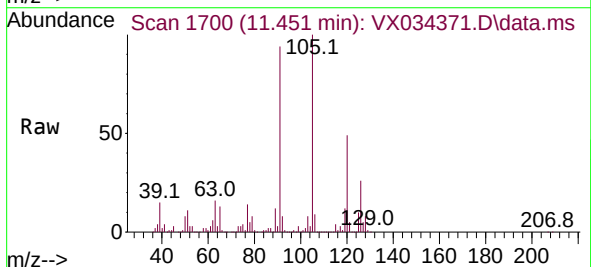
Manual Integrations
APPROVED

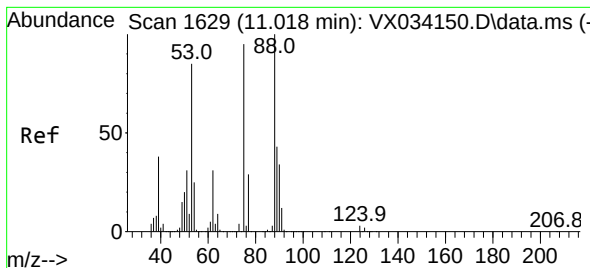
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.090 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion:105 Resp: 688016
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





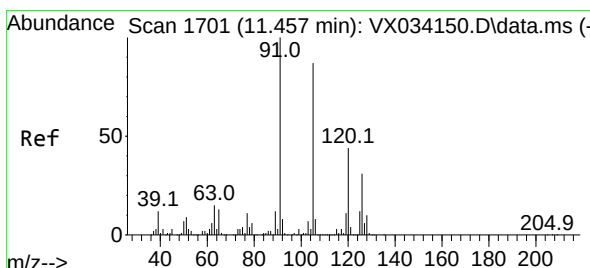
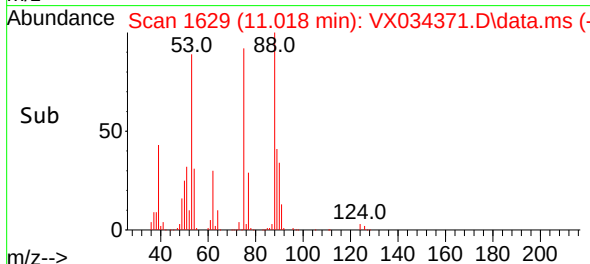
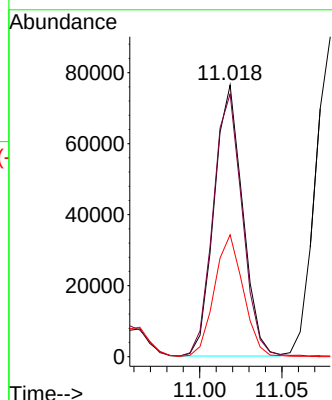
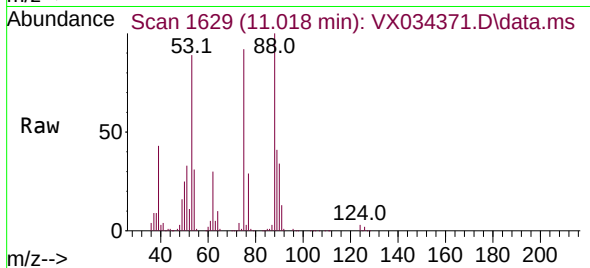
#81
trans-1,4-Dichloro-2-butene
Concen: 44.707 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 92035
Ion Ratio Lower Upper
75 100
53 100.1 83.0 124.6
89 45.7 37.7 56.5

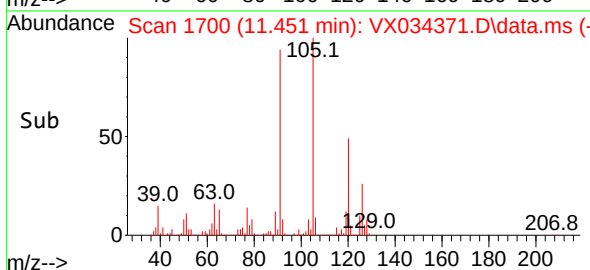
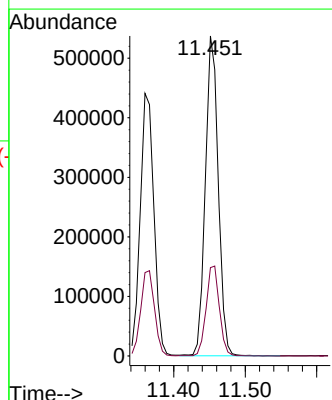
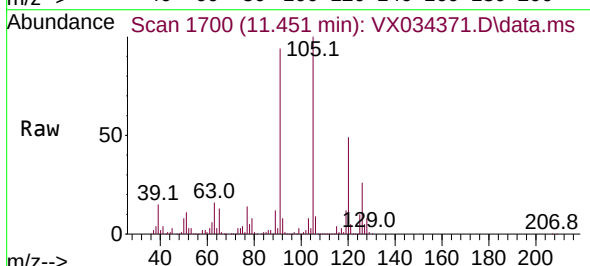
Manual Integrations
APPROVED

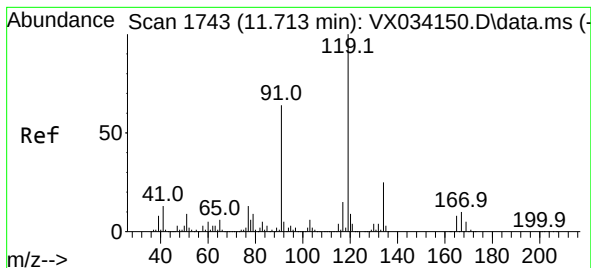
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#82
4-Chlorotoluene
Concen: 51.819 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

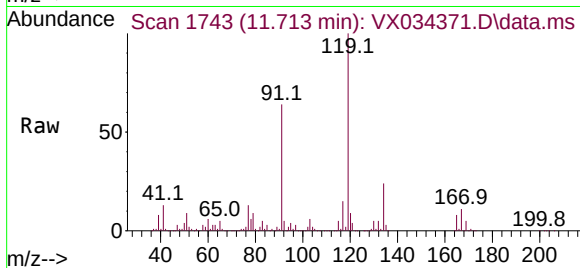
Tgt Ion: 91 Resp: 674163
Ion Ratio Lower Upper
91 100
126 29.0 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.565 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

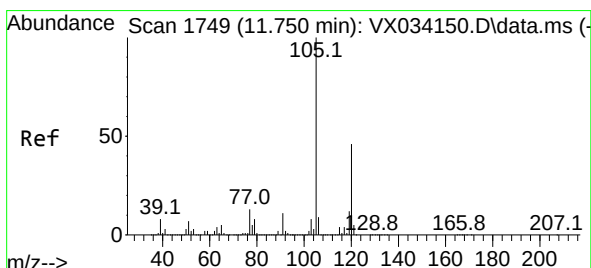
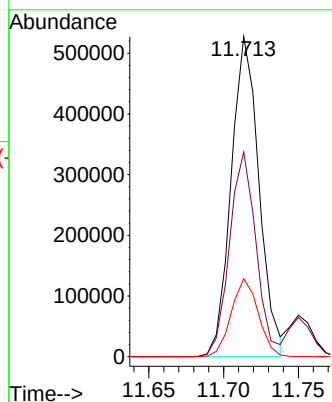
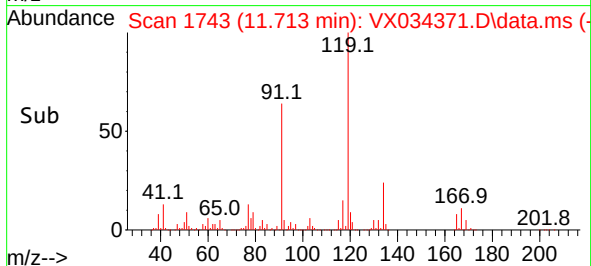
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



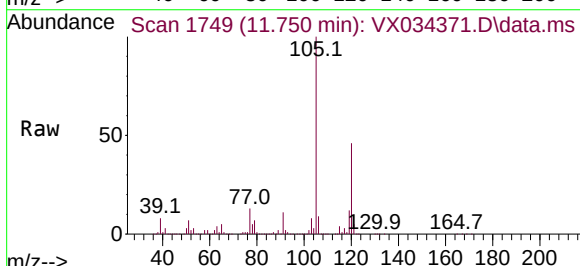
Tgt Ion:119 Resp: 683614
Ion Ratio Lower Upper
119 100
91 61.2 26.9 80.7
134 23.6 12.3 36.8

Manual Integrations
APPROVED

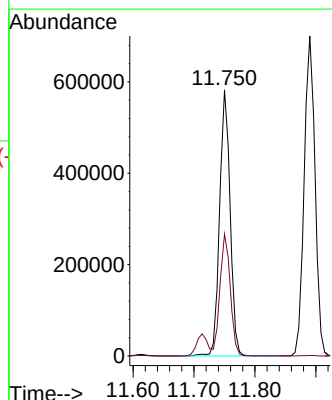
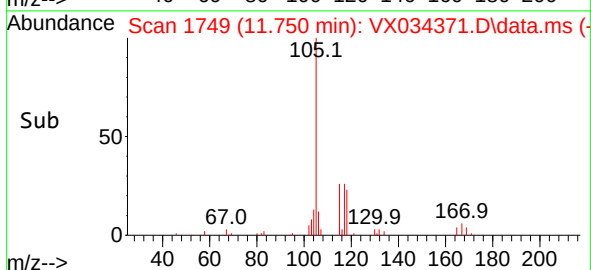
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

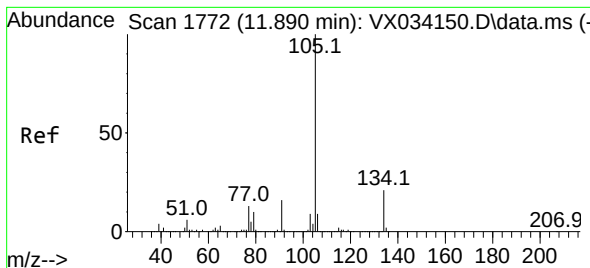


#84
1,2,4-Trimethylbenzene
Concen: 51.146 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion:105 Resp: 696412
Ion Ratio Lower Upper
105 100
120 44.6 23.4 70.2





#85

sec-Butylbenzene

Concen: 51.661 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 86526

Ion Ratio Lower Upper

105 100

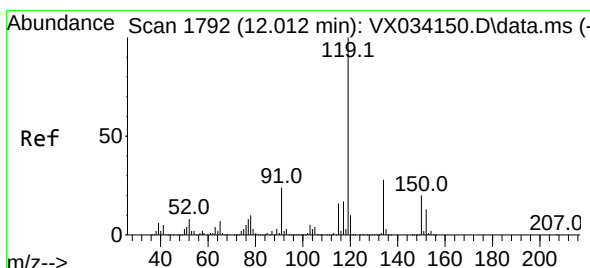
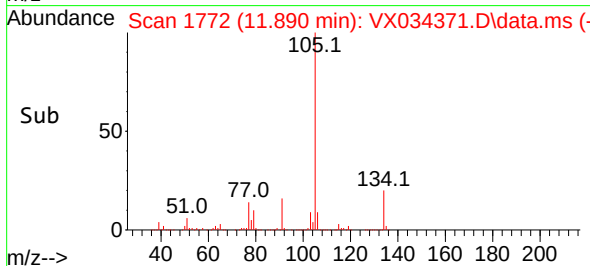
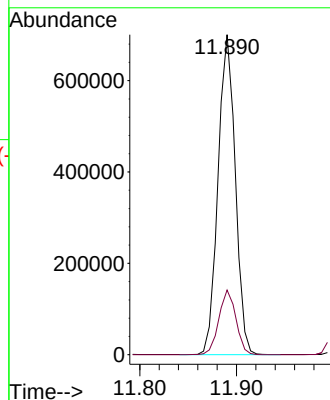
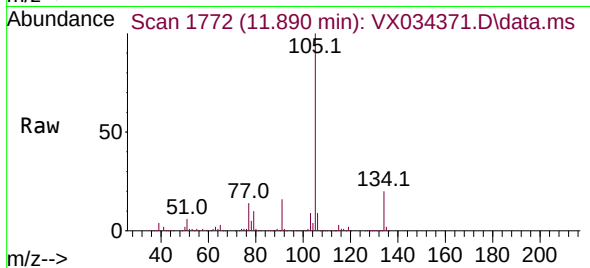
134 20.0 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#86

p-Isopropyltoluene

Concen: 51.804 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

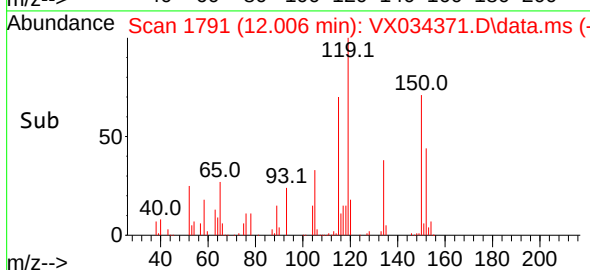
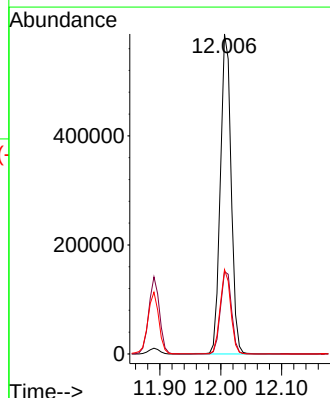
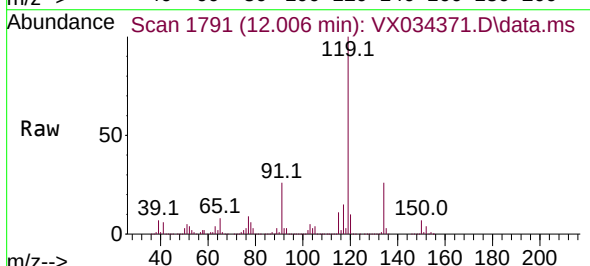
Tgt Ion:119 Resp: 718075

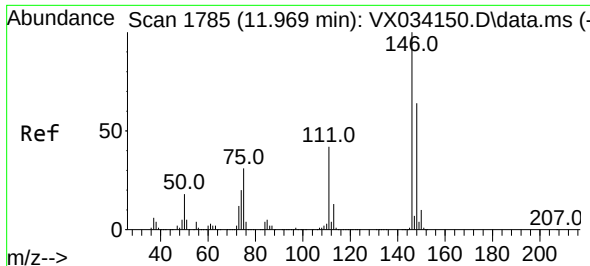
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

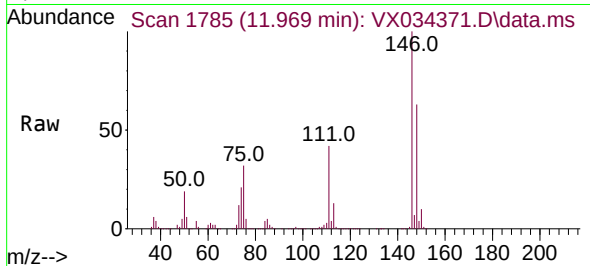
91 25.9 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 51.833 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

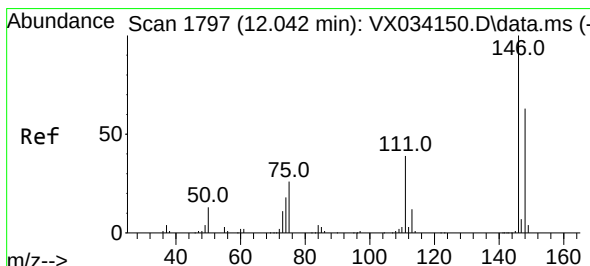
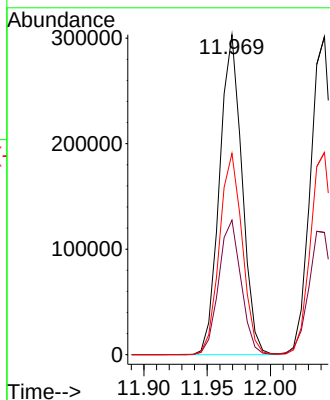
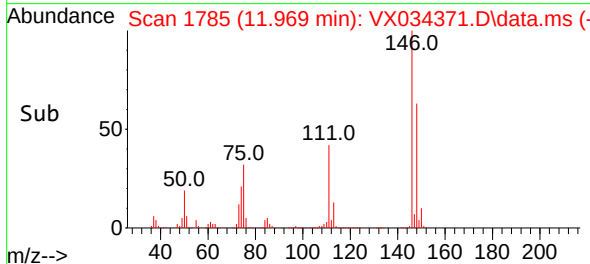
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



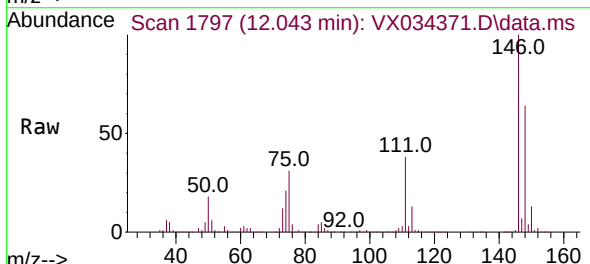
Tgt Ion:146 Resp: 37469
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 63.8 31.9 95.5

Manual Integrations
APPROVED

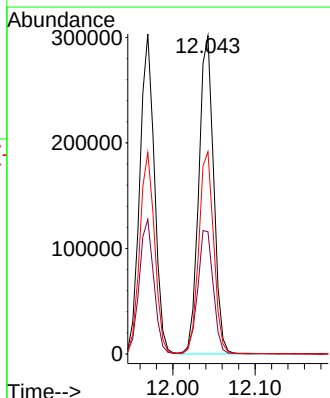
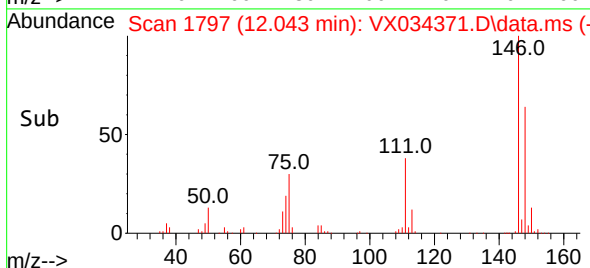
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

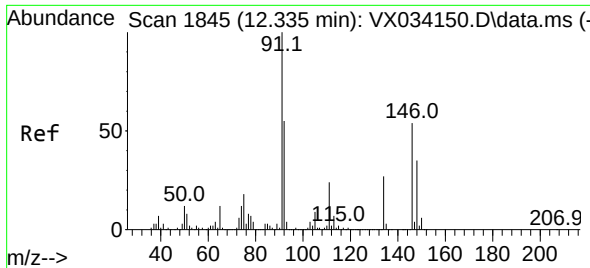


#88
1,4-Dichlorobenzene
Concen: 51.845 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05



Tgt Ion:146 Resp: 378022
Ion Ratio Lower Upper
146 100
111 40.5 17.8 53.4
148 63.7 32.1 96.3





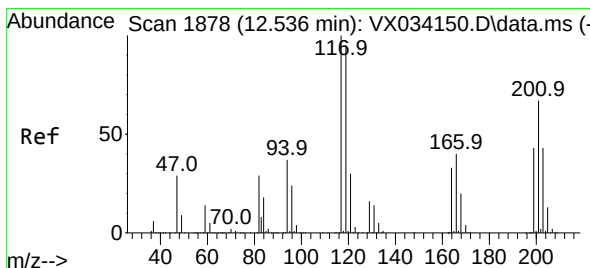
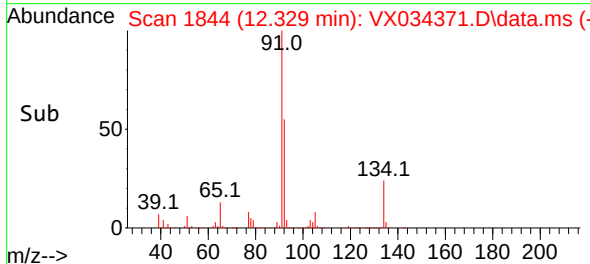
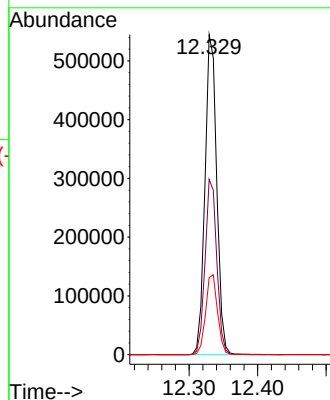
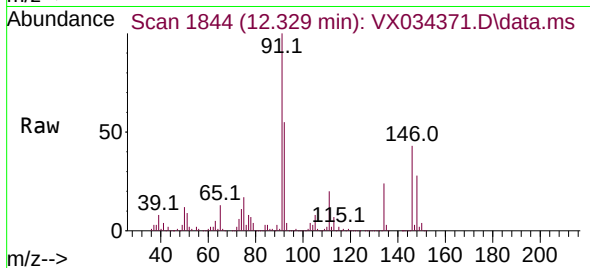
#89
n-Butylbenzene
Concen: 52.695 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 650562
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 25.4 14.3 42.9

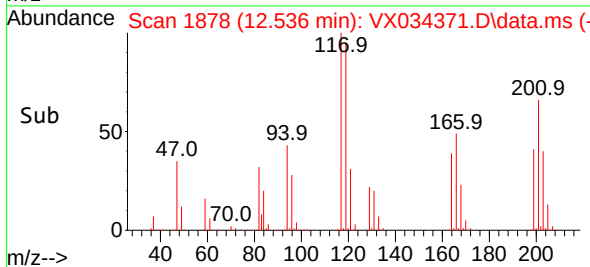
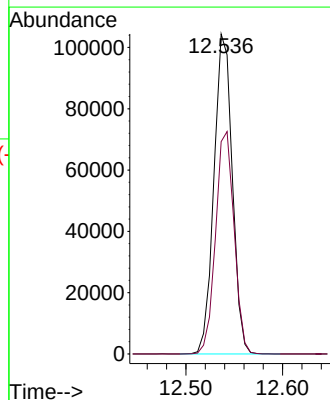
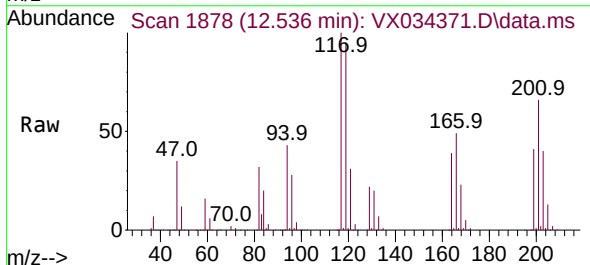
Manual Integrations
APPROVED

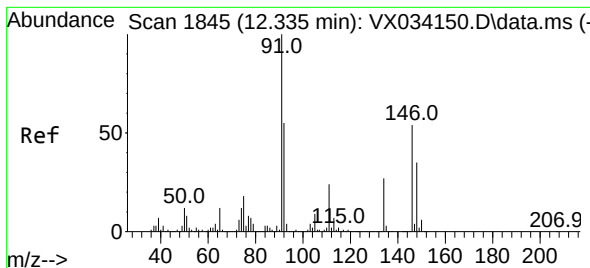
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#90
Hexachloroethane
Concen: 47.465 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

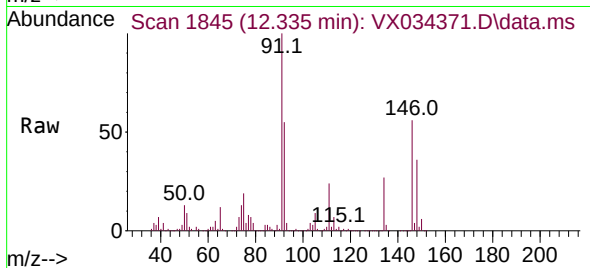
Tgt Ion:117 Resp: 137564
Ion Ratio Lower Upper
117 100
201 70.0 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 50.827 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

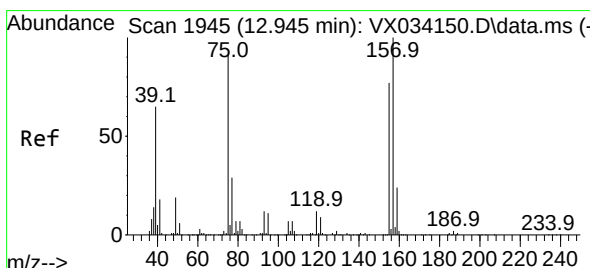
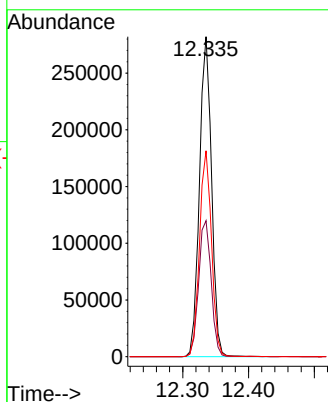
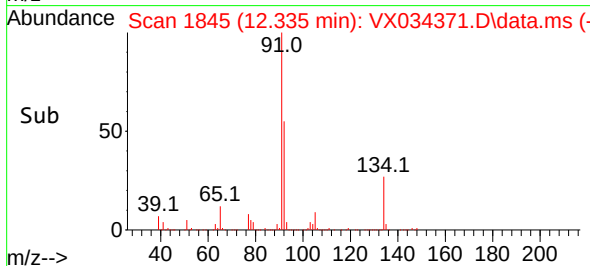
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 35949
Ion Ratio Lower Upper
146 100
111 44.2 19.3 57.8
148 63.9 32.3 96.9

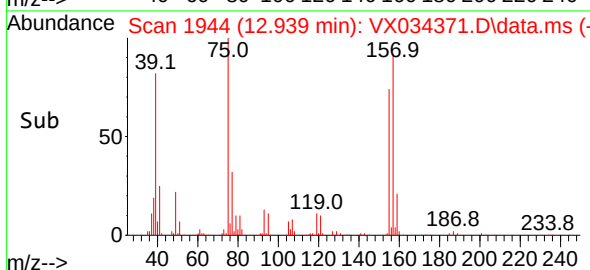
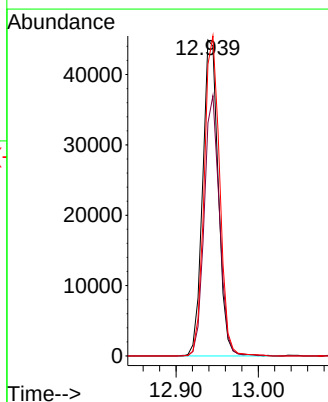
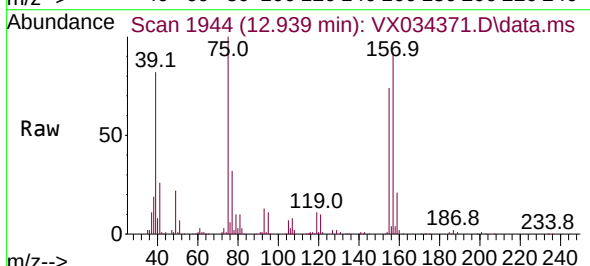
Manual Integrations
APPROVED

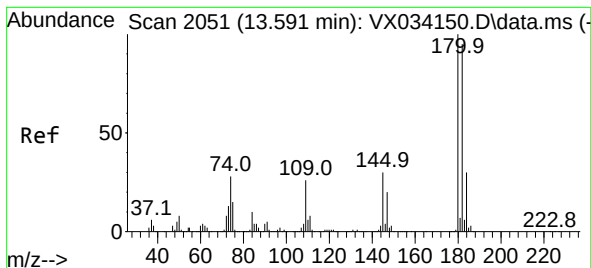
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.642 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion: 75 Resp: 59626
Ion Ratio Lower Upper
75 100
155 80.1 51.7 155.1
157 100.0 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 50.408 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

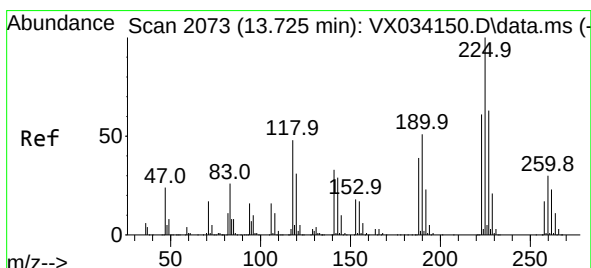
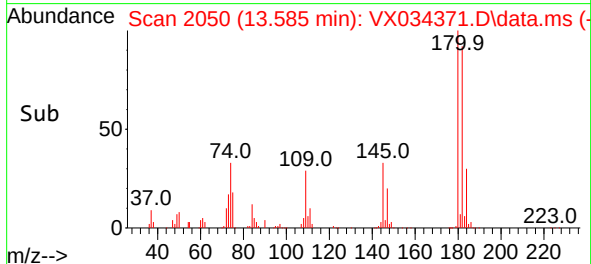
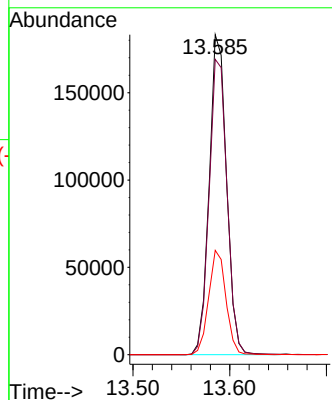
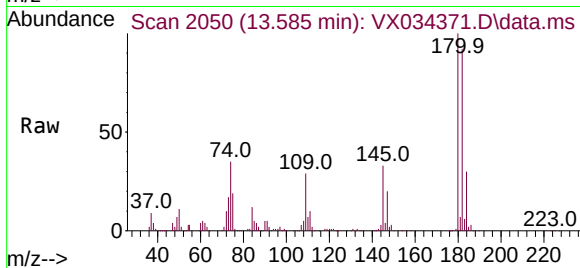
Tgt Ion:180	Resp: 228899
Ion Ratio	Lower Upper
180 100	
182 95.7	47.9 143.6
145 32.5	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#94

Hexachlorobutadiene

Concen: 48.816 ug/l

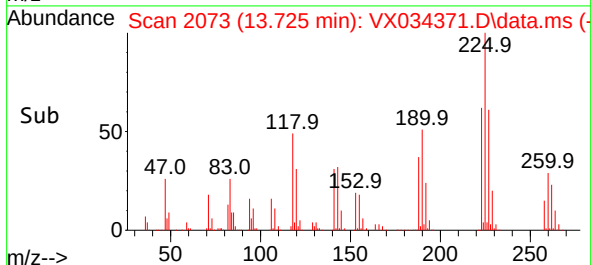
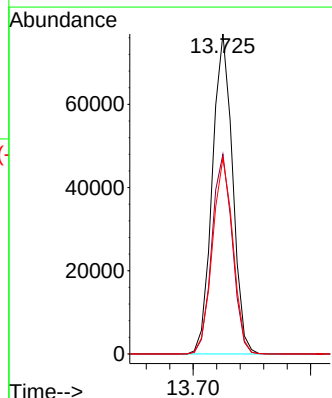
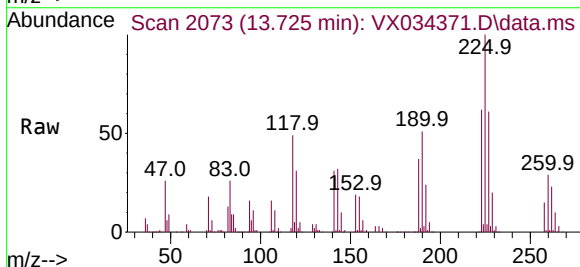
RT: 13.725 min Scan# 2073

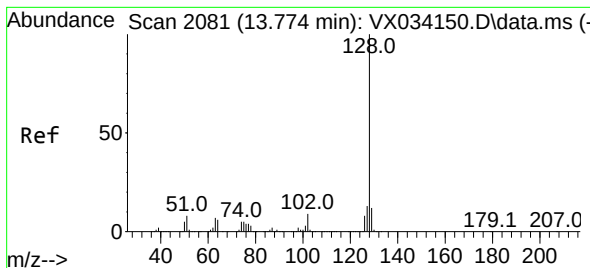
Delta R.T. 0.000 min

Lab File: VX034371.D

Acq: 07 Mar 2023 17:05

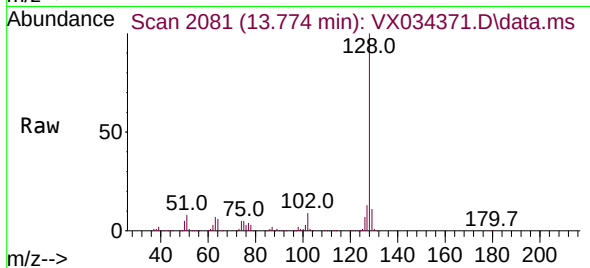
Tgt Ion:225	Resp: 91892
Ion Ratio	Lower Upper
225 100	
223 62.9	31.3 93.9
227 62.0	32.3 96.9





#95
Naphthalene
Concen: 49.560 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

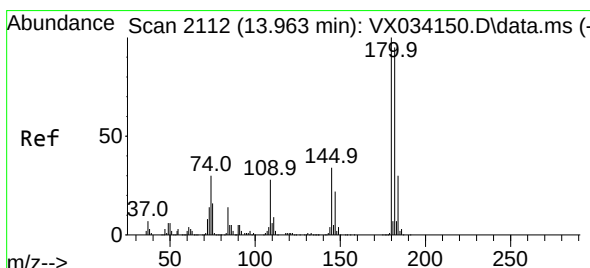
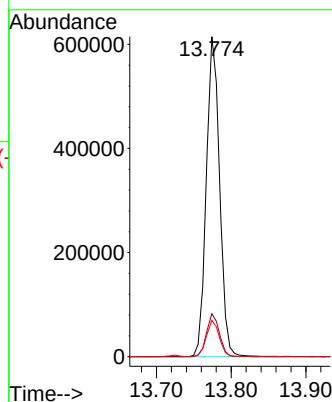
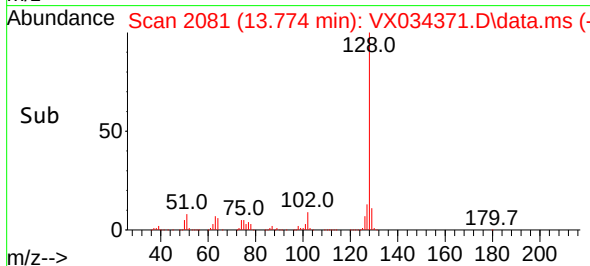
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 75811
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.786 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034371.D
Acq: 07 Mar 2023 17:05

Tgt Ion:180 Resp: 224444
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 33.8 15.1 45.3

