

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038972.D
 Acq On : 20 Nov 2023 20:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 00:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97732	51.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.140%			
35) Dibromofluoromethane	5.385	113	76562	47.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.440%			
50) Toluene-d8	8.647	98	285511	46.510	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.020%			
62) 4-Bromofluorobenzene	11.079	95	115513	47.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69261	50.465	ug/l	98
3) Chloromethane	1.294	50	75564	42.183	ug/l	98
4) Vinyl Chloride	1.374	62	77570	44.954	ug/l	98
5) Bromomethane	1.599	94	46331	64.941	ug/l	100
6) Chloroethane	1.685	64	48189	48.937	ug/l	96
7) Trichlorofluoromethane	1.886	101	112578	51.414	ug/l	98
8) Diethyl Ether	2.136	74	45536	47.747	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	66187	45.580	ug/l	95
10) Methyl Iodide	2.453	142	75169	42.531	ug/l	93
11) Tert butyl alcohol	2.959	59	132660	251.657	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	65531	44.700	ug/l	92
13) Acrolein	2.233	56	75898	272.140	ug/l	100
14) Allyl chloride	2.660	41	139096	47.389	ug/l	94
15) Acrylonitrile	3.062	53	270024	242.422	ug/l	99
16) Acetone	2.374	43	264447	262.101	ug/l	92
17) Carbon Disulfide	2.508	76	178243	39.251	ug/l	98
18) Methyl Acetate	2.703	43	254905	53.189	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	256202	49.687	ug/l	98
20) Methylene Chloride	2.788	84	82021	45.097	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	72355	44.730	ug/l	96
22) Diisopropyl ether	3.757	45	265645	49.334	ug/l	90
23) Vinyl Acetate	3.721	43	937599	241.770	ug/l	100
24) 1,1-Dichloroethane	3.611	63	143252	47.573	ug/l	99
25) 2-Butanone	4.550	43	405417	247.787	ug/l	99
26) 2,2-Dichloropropane	4.471	77	120404	46.097	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	88068	46.707	ug/l	96
28) Bromochloromethane	4.897	49	73019	50.507	ug/l	99
29) Tetrahydrofuran	5.001	42	259411	249.707	ug/l	98
30) Chloroform	5.093	83	146301	49.757	ug/l	100
31) Cyclohexane	5.471	56	123823	45.758	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	126332	49.605	ug/l	99
36) 1,1-Dichloropropene	5.690	75	104840	45.592	ug/l	99
37) Ethyl Acetate	4.708	43	143757	47.984	ug/l	99
38) Carbon Tetrachloride	5.678	117	105523	49.651	ug/l	96
39) Methylcyclohexane	7.379	83	128450	42.824	ug/l	96
40) Benzene	6.037	78	315629	46.407	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74232	47.773	ug/l	92
42) 1,2-Dichloroethane	6.086	62	116126	51.534	ug/l	99
43) Isopropyl Acetate	6.336	43	229862	48.009	ug/l	99
44) Trichloroethene	7.123	130	80002	48.325	ug/l	97
45) 1,2-Dichloropropane	7.427	63	86149	47.069	ug/l	98
46) Dibromomethane	7.580	93	60567	49.622	ug/l	97
47) Bromodichloromethane	7.818	83	118056	48.732	ug/l	99
48) Methyl methacrylate	7.690	41	109634	47.194	ug/l	94
49) 1,4-Dioxane	7.659	88	45607	1014.784	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	763303	249.465	ug/l	100
52) Toluene	8.720	92	195731	46.376	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	133248	46.285	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	139244	46.825	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	84701	48.097	ug/l	95
56) Ethyl methacrylate	9.116	69	141916	47.629	ug/l	96
57) 1,3-Dichloropropane	9.305	76	140517	48.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	328948	236.987	ug/l	95
59) 2-Hexanone	9.427	43	608605	248.159	ug/l	98
60) Dibromochloromethane	9.519	129	88156	49.232	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88408	47.841	ug/l	100
64) Tetrachloroethene	9.275	164	61560	47.769	ug/l	97
65) Chlorobenzene	10.079	112	209954	47.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76587	47.673	ug/l	96
67) Ethyl Benzene	10.195	91	388978	47.406	ug/l	99
68) m/p-Xylenes	10.299	106	293763	94.644	ug/l	99
69) o-Xylene	10.640	106	144206	46.953	ug/l	100
70) Styrene	10.653	104	245916	47.411	ug/l	99
71) Bromoform	10.799	173	65264	48.731	ug/l #	100
73) Isopropylbenzene	10.963	105	378693	44.906	ug/l	99
74) N-amyl acetate	10.842	43	198390	44.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145108	44.080	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126135m	46.709	ug/l	
77) Bromobenzene	11.195	156	86134	45.456	ug/l	98
78) n-propylbenzene	11.305	91	468049	45.091	ug/l	98
79) 2-Chlorotoluene	11.366	91	272426	44.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	328429	46.319	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	49152	40.373	ug/l	85
82) 4-Chlorotoluene	11.451	91	320065	45.060	ug/l	100
83) tert-Butylbenzene	11.713	119	318839	45.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	328248	45.737	ug/l	99
85) sec-Butylbenzene	11.890	105	415238	45.458	ug/l	99
86) p-Isopropyltoluene	12.006	119	332376	45.328	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	169368	45.644	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	172750	45.487	ug/l	100
89) n-Butylbenzene	12.329	91	324027	43.798	ug/l	98
90) Hexachloroethane	12.536	117	65180	44.512	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	165032	46.892	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37436	46.416	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	106233	45.044	ug/l	97
94) Hexachlorobutadiene	13.725	225	36679	43.917	ug/l	99
95) Naphthalene	13.774	128	393246	44.770	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	102717	45.945	ug/l	99

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ClientSampleId :
VSTDCCC050EC

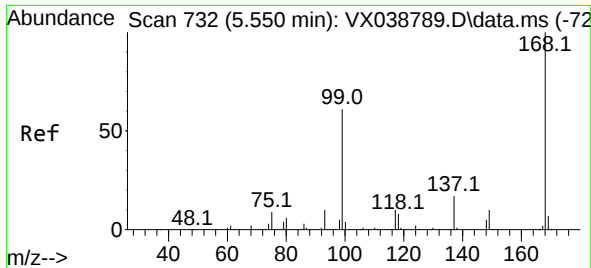
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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



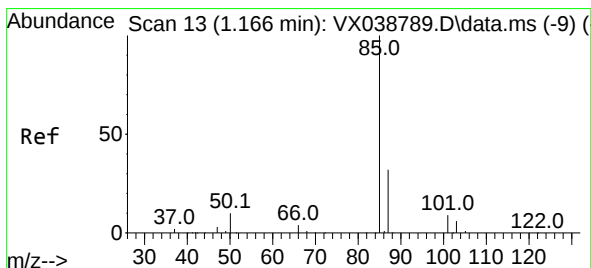
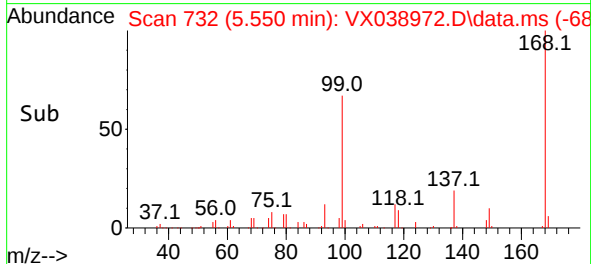
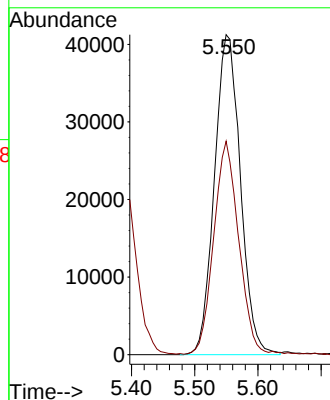
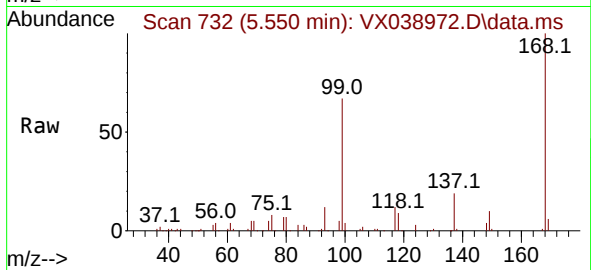
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 11762
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0

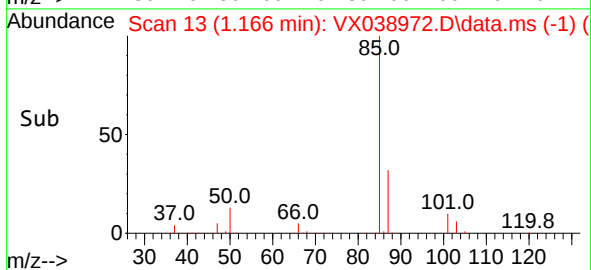
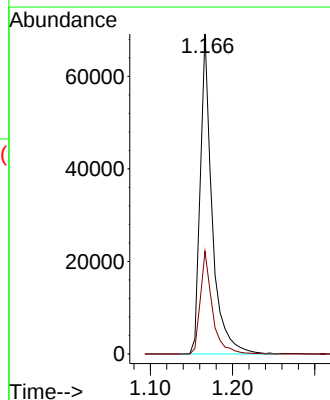
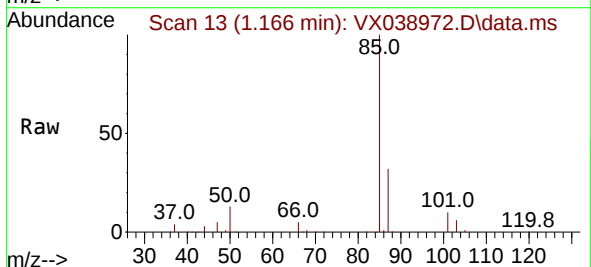
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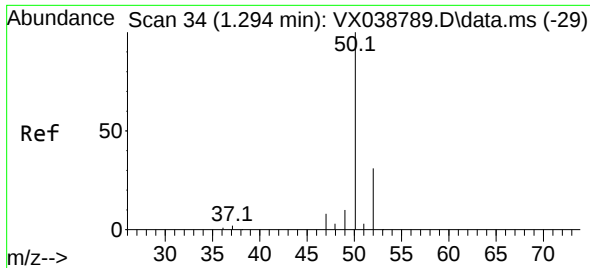
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 50.465 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 85 Resp: 69261
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





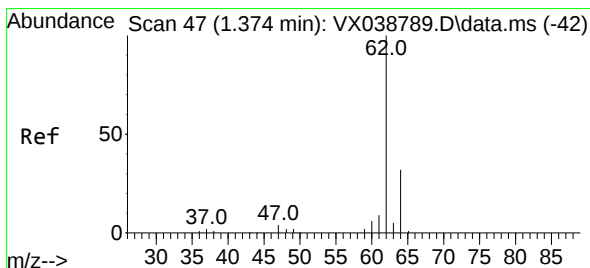
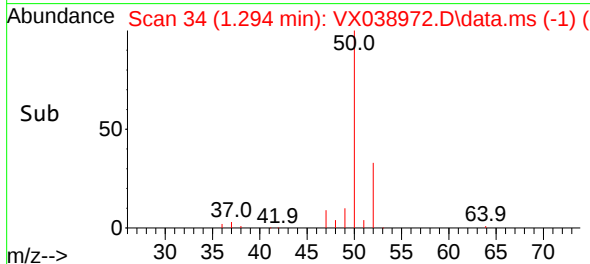
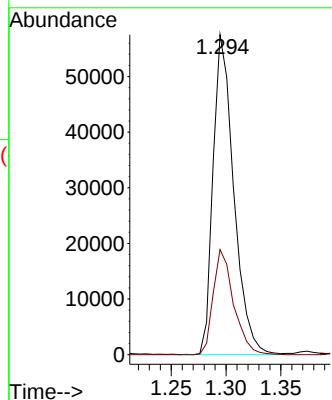
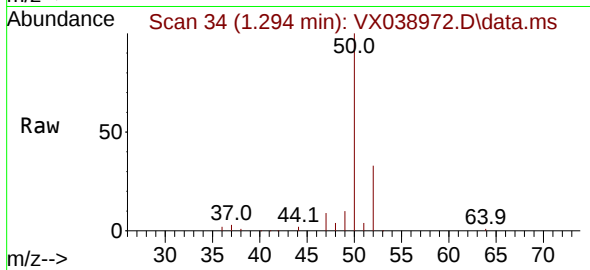
#3
Chloromethane
Concen: 42.183 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
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VSTDCCC050EC

Tgt Ion: 50 Resp: 75564
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

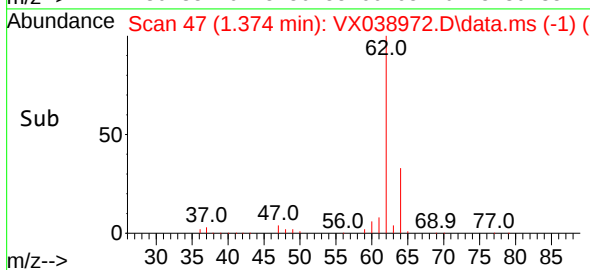
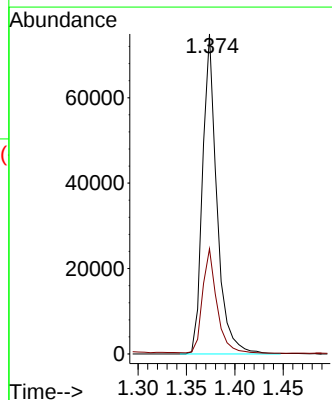
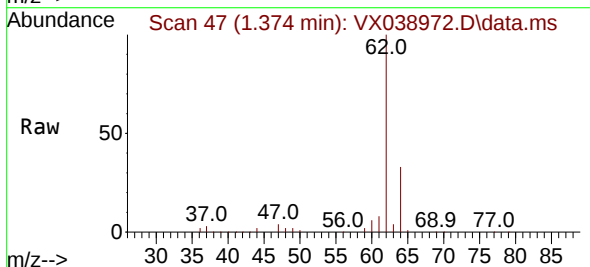
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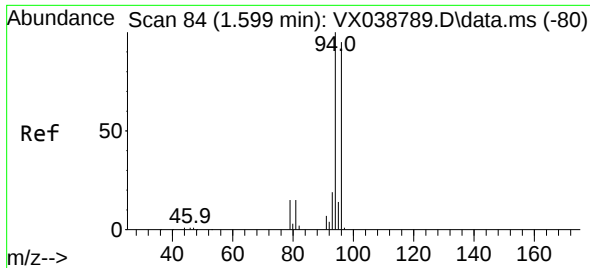
Reviewed By :John Carlone 11/21/2023
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#4
Vinyl Chloride
Concen: 44.954 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

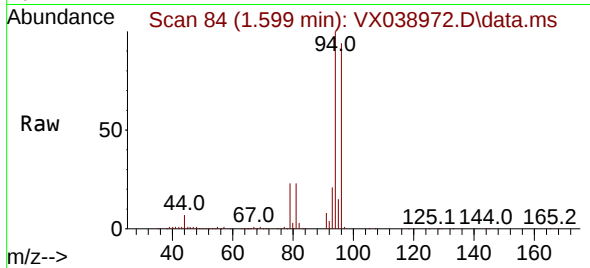
Tgt Ion: 62 Resp: 77570
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 64.941 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

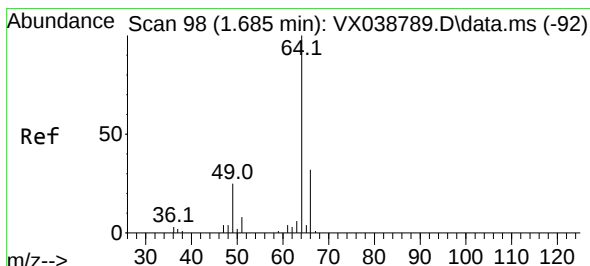
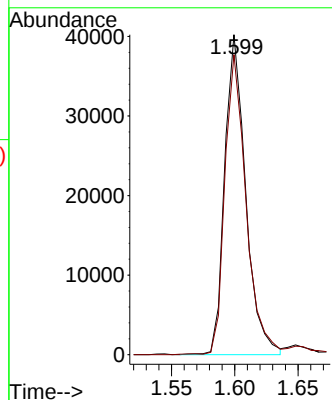
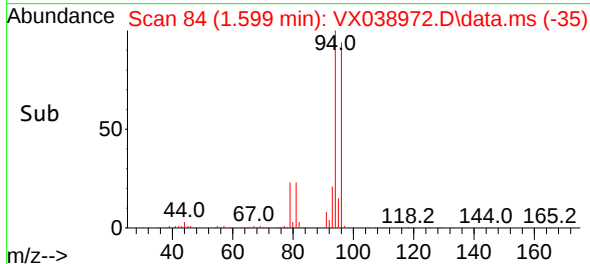
Instrument :
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Tgt Ion: 94 Resp: 4633
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

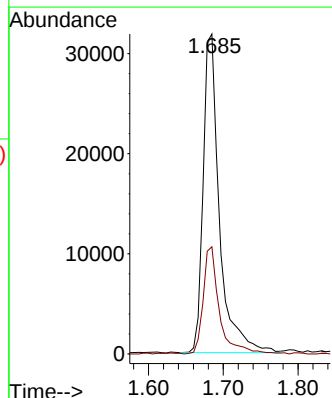
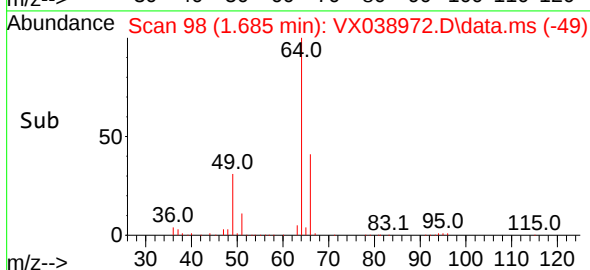
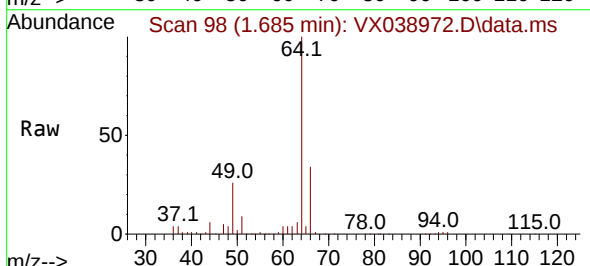
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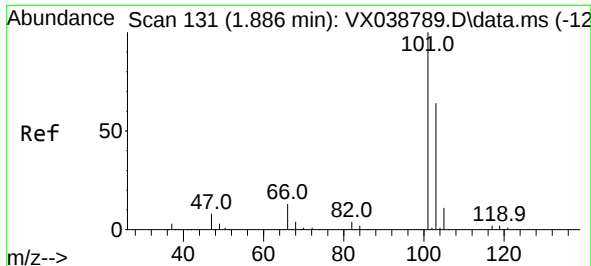
Reviewed By :John Carlone 11/21/2023
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#6
Chloroethane
Concen: 48.937 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 64 Resp: 48189
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





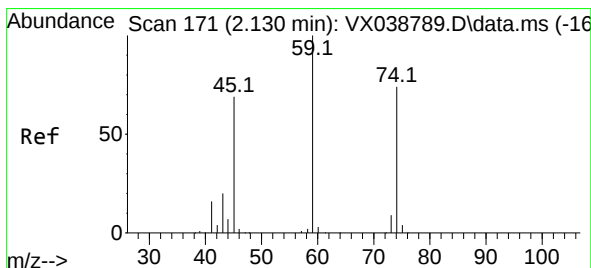
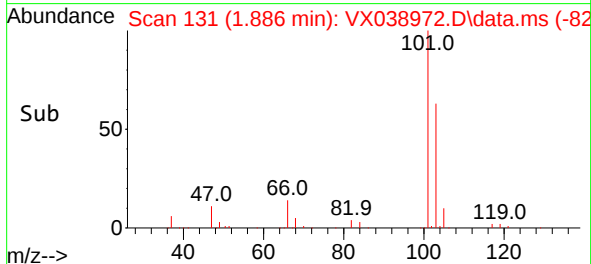
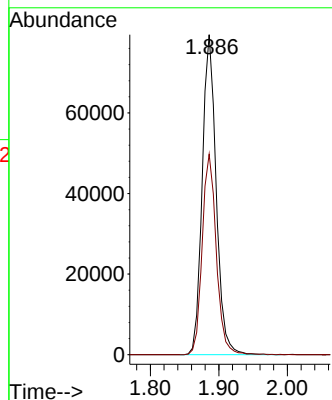
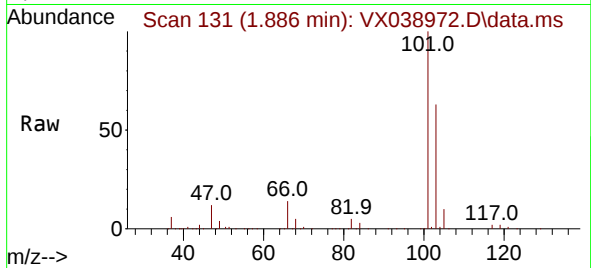
#7
Trichlorofluoromethane
Concen: 51.414 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 112578
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.2

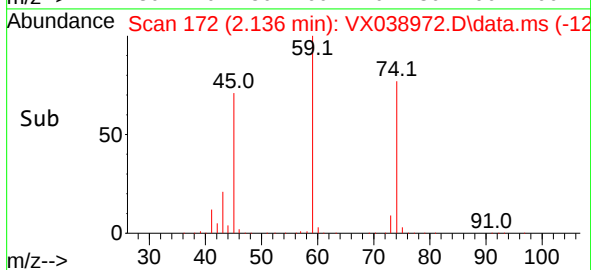
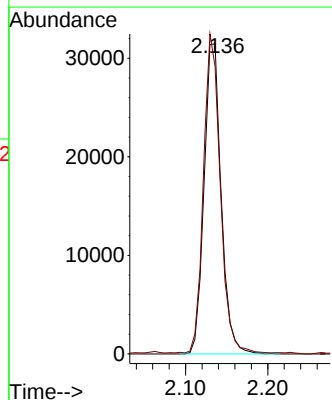
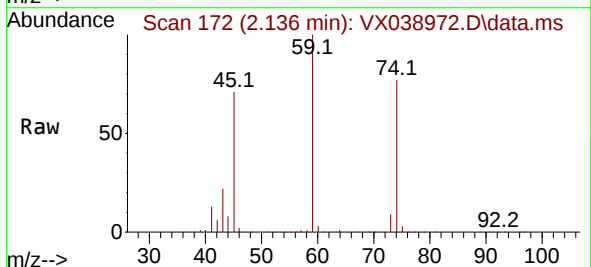
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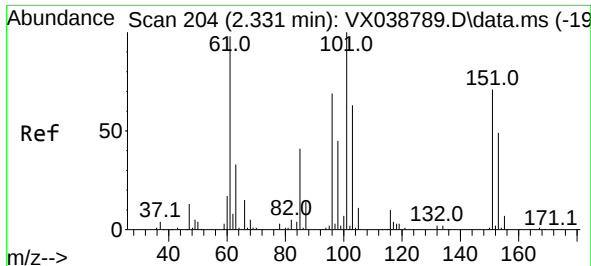
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#8
Diethyl Ether
Concen: 47.747 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 74 Resp: 45536
Ion Ratio Lower Upper
74 100
45 100.4 53.3 159.8





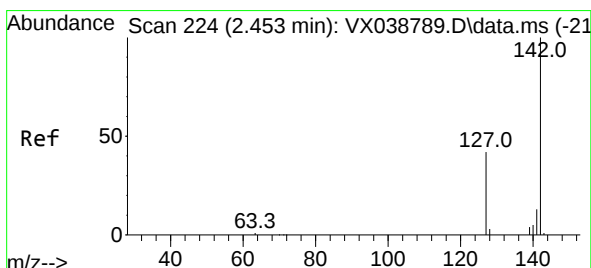
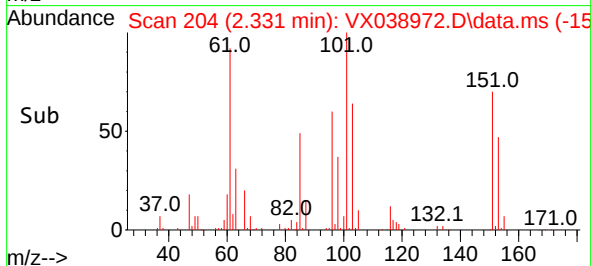
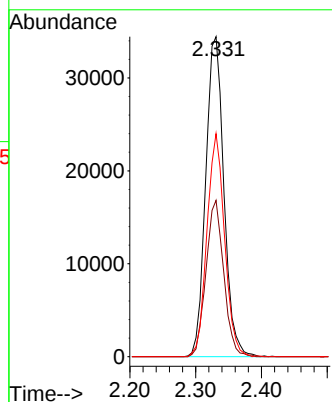
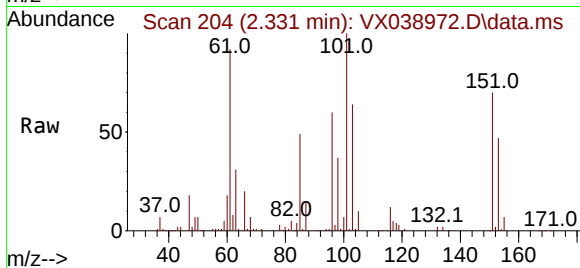
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.580 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6618
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 67.6 58.6 87.8

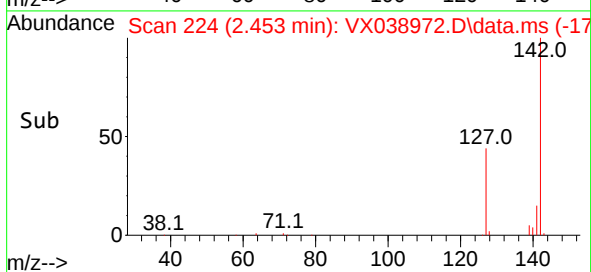
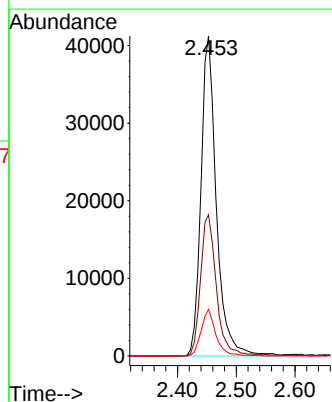
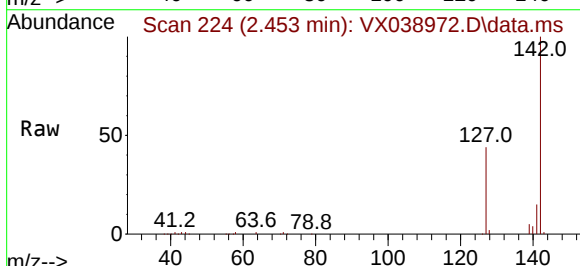
Manual Integrations
APPROVED

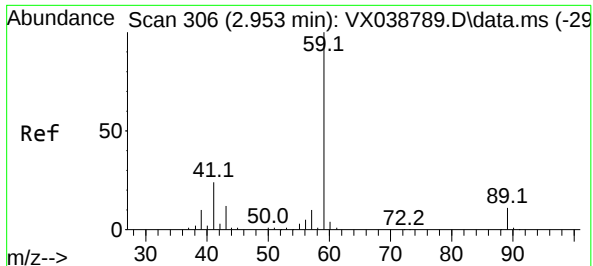
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#10
Methyl Iodide
Concen: 42.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion:142 Resp: 75169
Ion Ratio Lower Upper
142 100
127 45.6 41.6 62.4
141 14.0 11.6 17.4





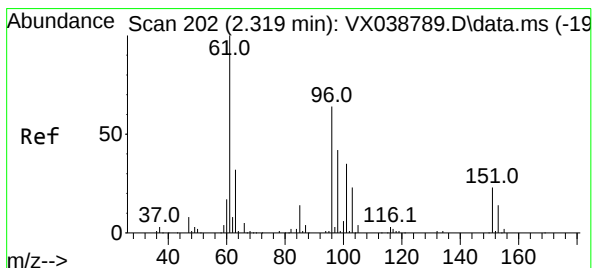
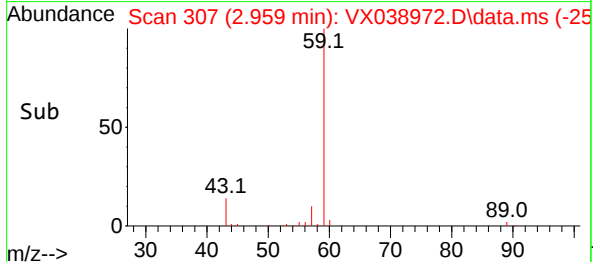
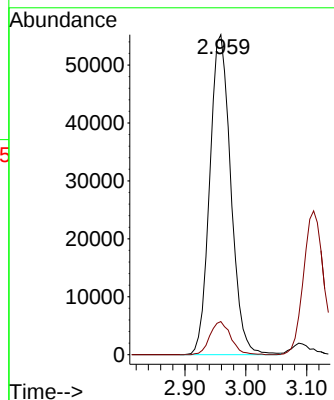
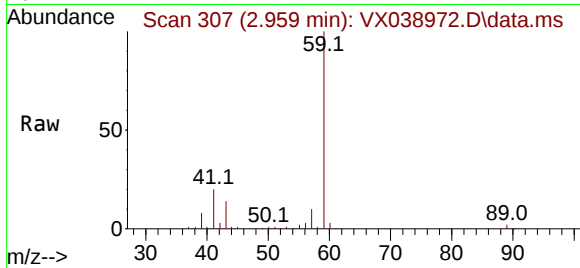
#11
Tert butyl alcohol
Concen: 251.657 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 132660
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

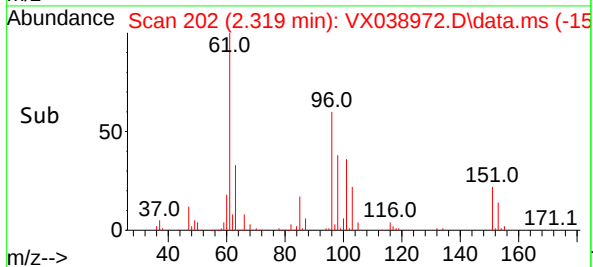
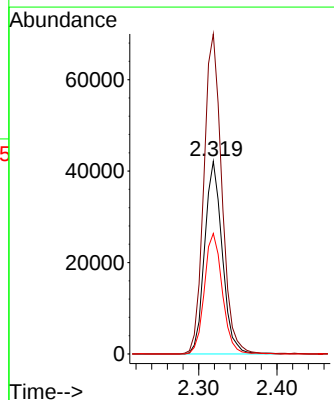
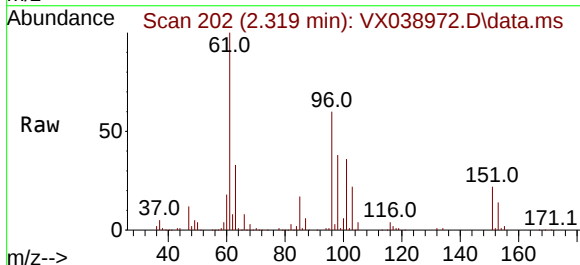
Manual Integrations
APPROVED

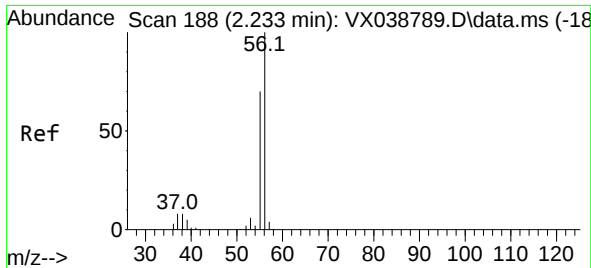
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1-Dichloroethene
Concen: 44.700 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 96 Resp: 65531
Ion Ratio Lower Upper
96 100
61 166.1 144.6 216.8
98 62.6 50.4 75.6





#13

Acrolein

Concen: 272.140 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 75898

Ion Ratio Lower Upper

56 100

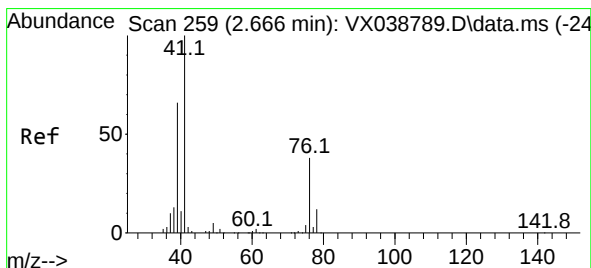
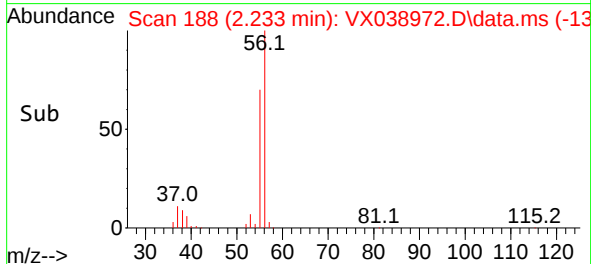
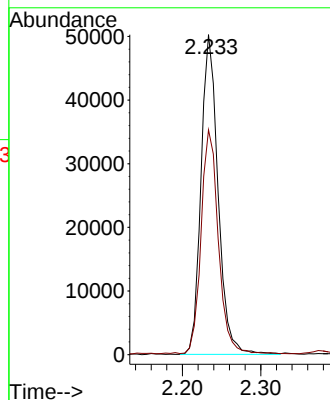
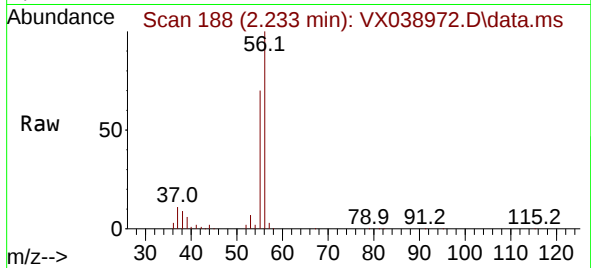
55 71.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#14

Allyl chloride

Concen: 47.389 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

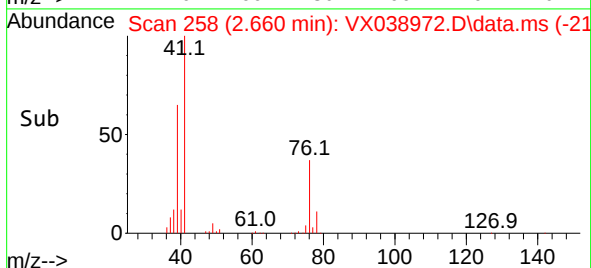
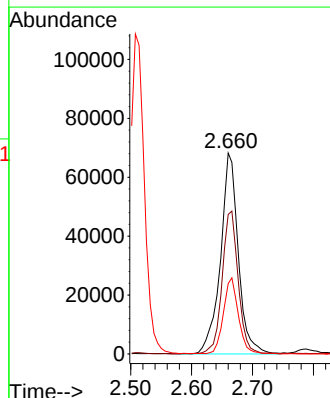
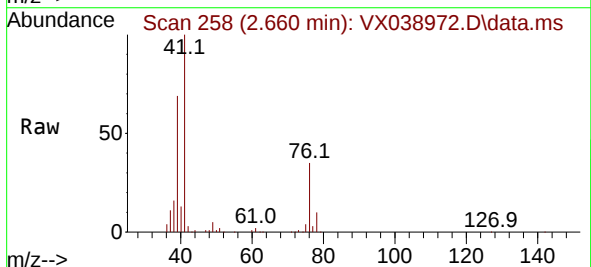
Tgt Ion: 41 Resp: 139096

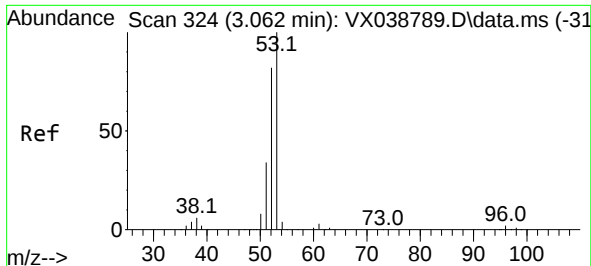
Ion Ratio Lower Upper

41 100

39 63.9 55.8 83.6

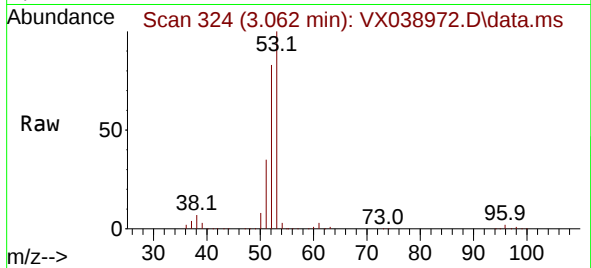
76 31.9 24.3 36.5





#15
Acrylonitrile
Concen: 242.422 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

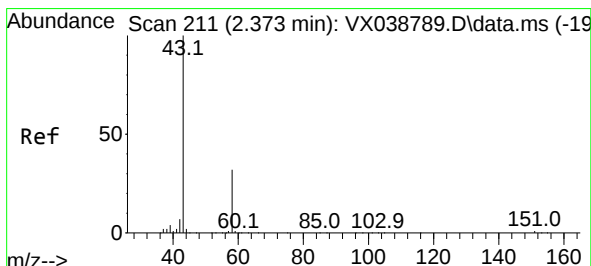
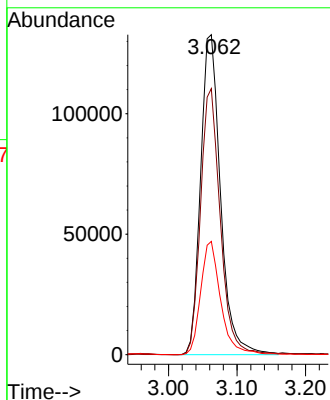
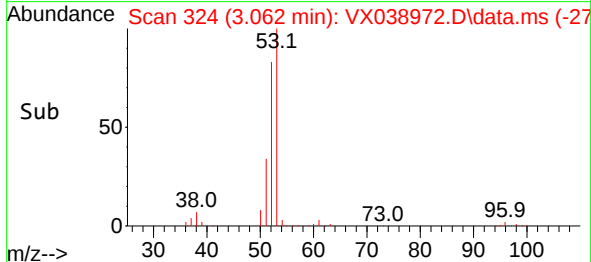
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



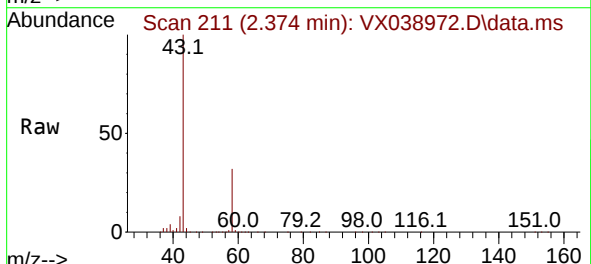
Tgt Ion: 53 Resp: 270024
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 35.5 29.8 44.6

Manual Integrations
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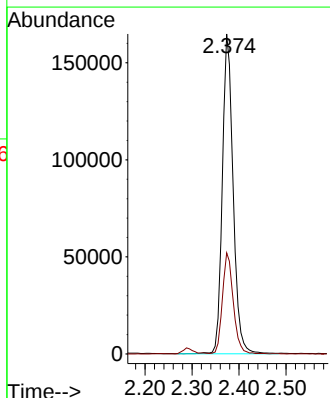
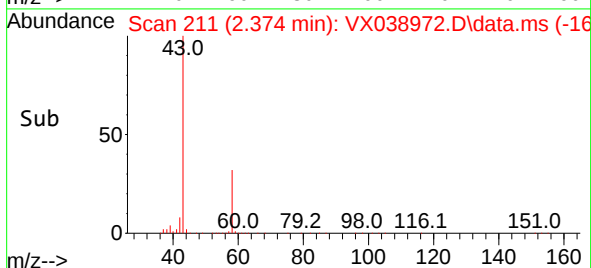
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

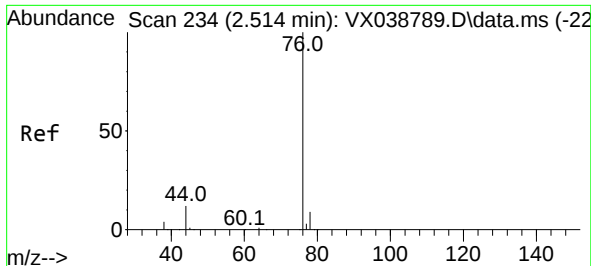


#16
Acetone
Concen: 262.101 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



Tgt Ion: 43 Resp: 264447
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





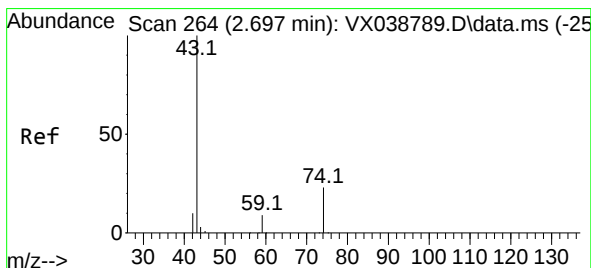
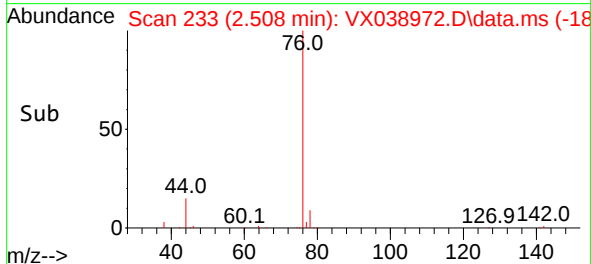
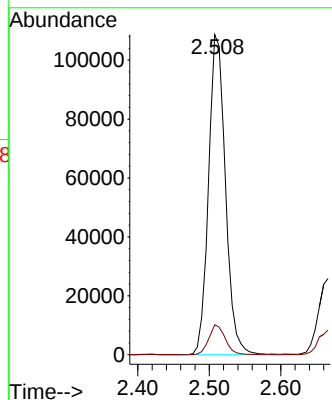
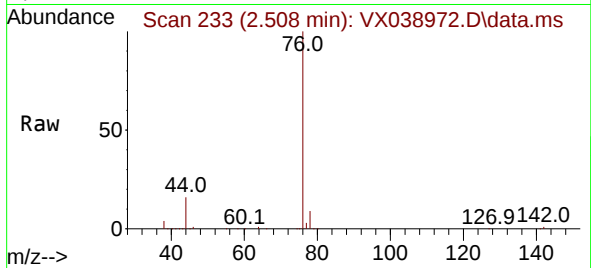
#17
Carbon Disulfide
Concen: 39.251 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 17824
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

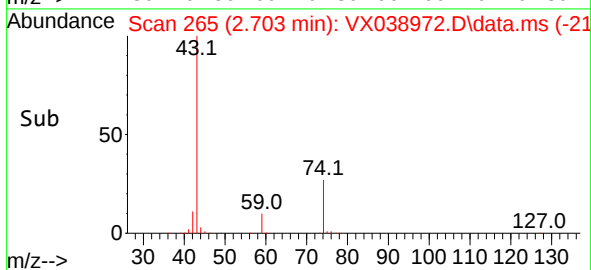
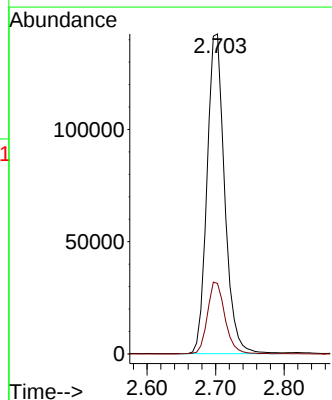
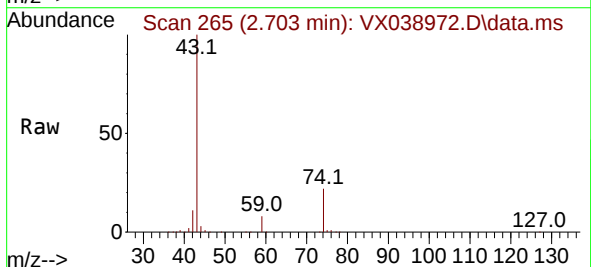
Manual Integrations
APPROVED

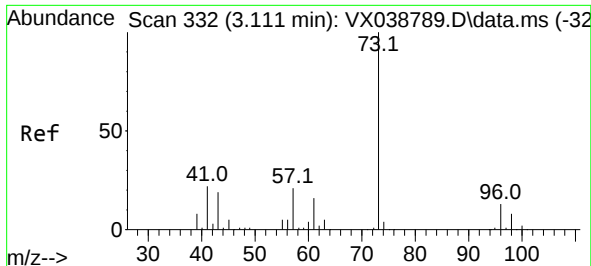
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
Methyl Acetate
Concen: 53.189 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

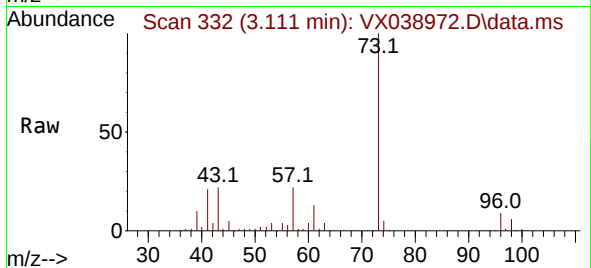
Tgt Ion: 43 Resp: 254905
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.687 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

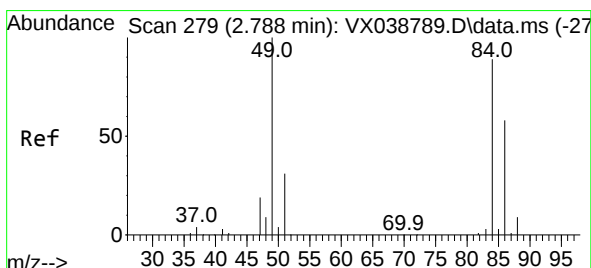
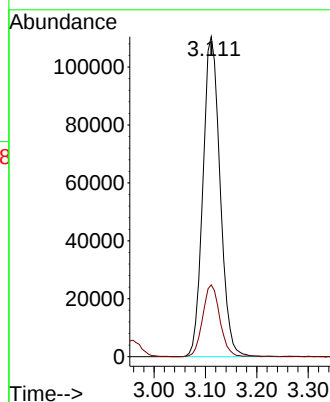
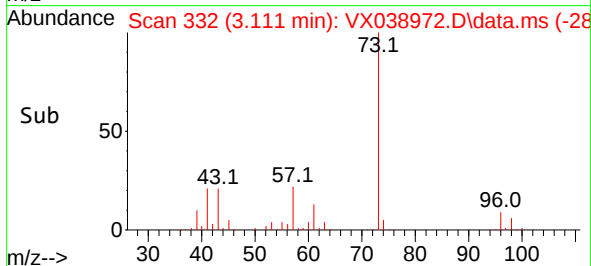
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 25620
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

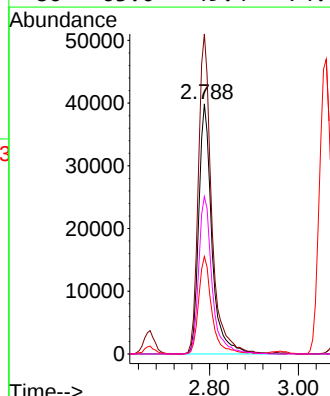
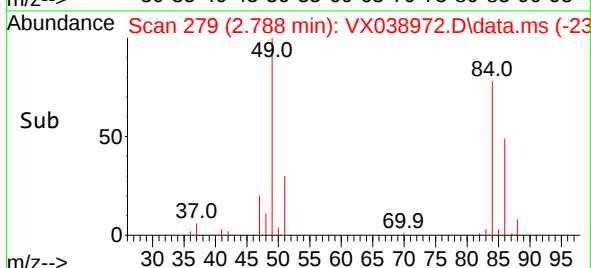
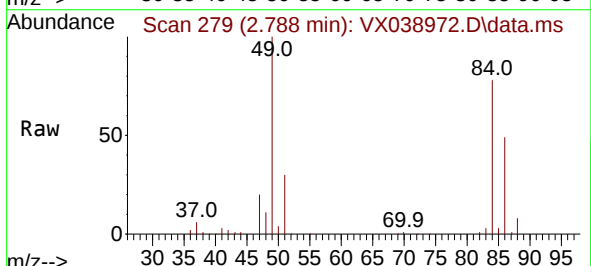
Manual Integrations
APPROVED

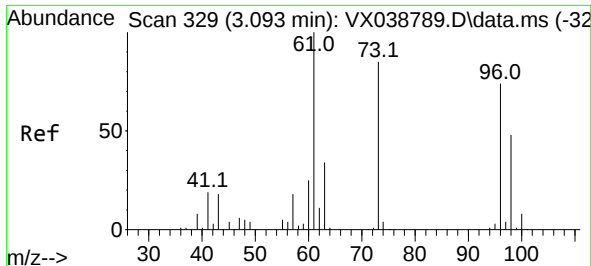
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 45.097 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

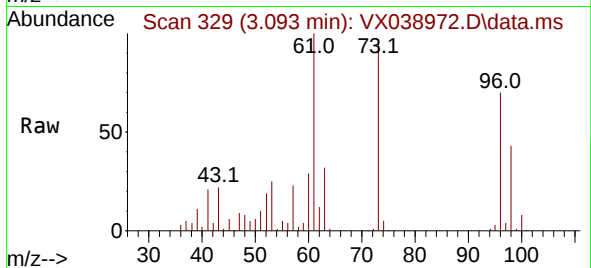
Tgt Ion: 84 Resp: 82021
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 39.0 33.8 50.6
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.730 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

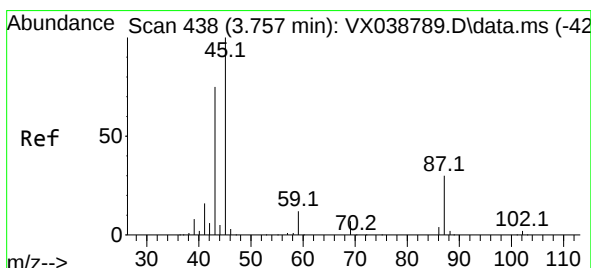
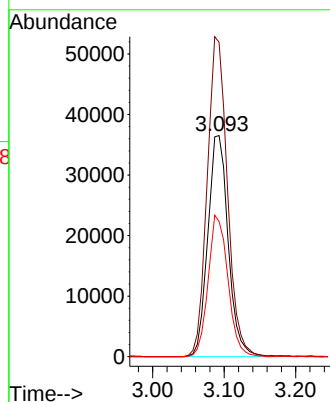
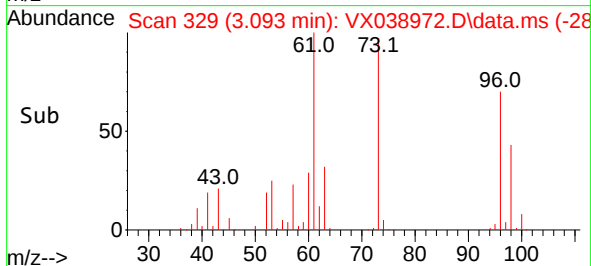
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



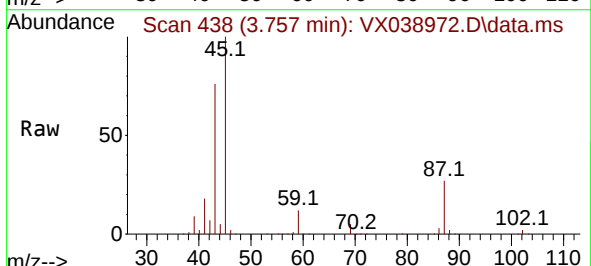
Tgt Ion: 96 Resp: 7235
Ion Ratio Lower Upper
96 100
61 142.2 119.2 178.8
98 61.1 48.7 73.1

Manual Integrations
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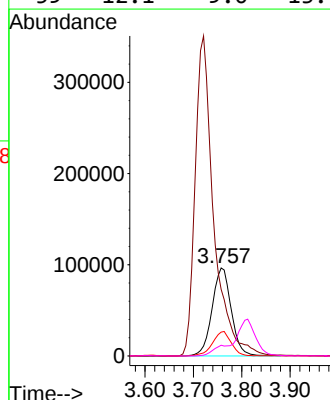
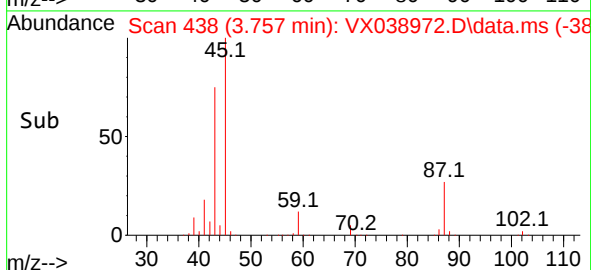
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

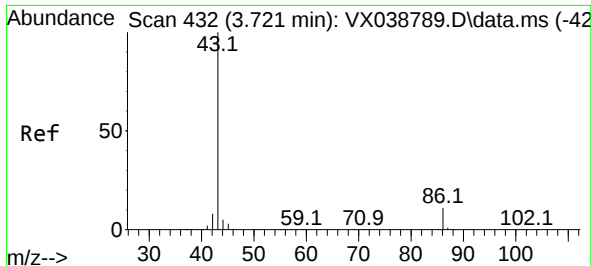


#22
Diisopropyl ether
Concen: 49.334 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



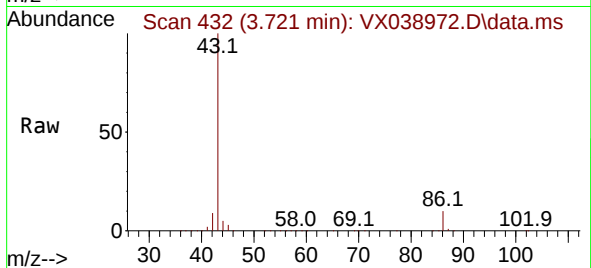
Tgt Ion: 45 Resp: 265645
Ion Ratio Lower Upper
45 100
43 75.2 69.7 104.5
87 27.0 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 241.770 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26

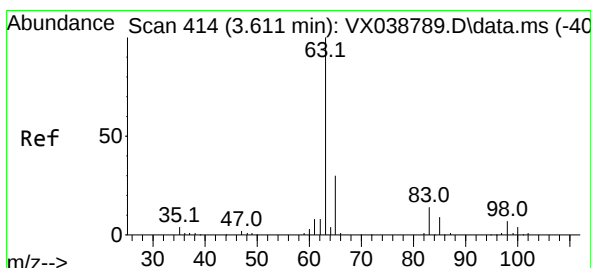
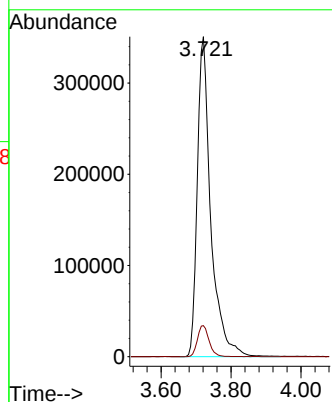
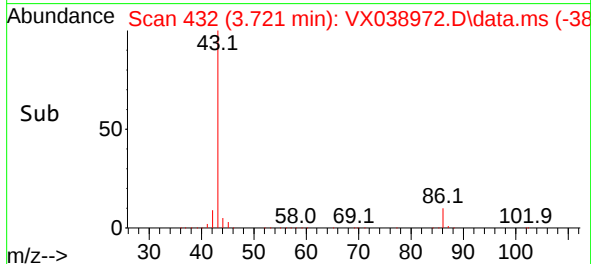
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



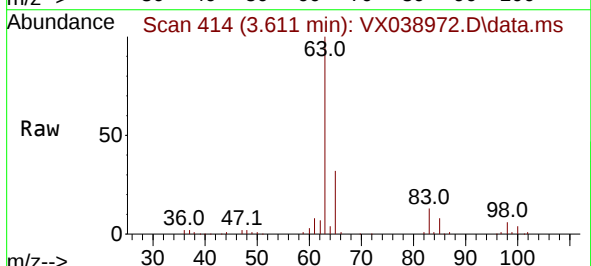
Tgt Ion: 43 Resp: 937599
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
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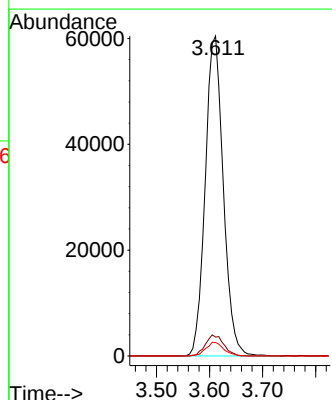
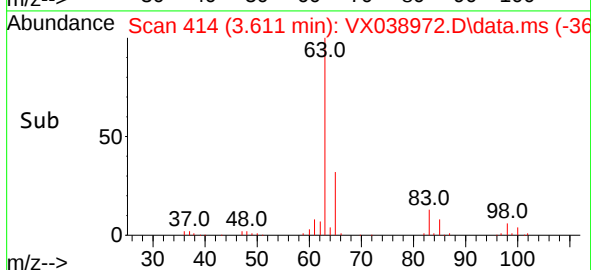
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023

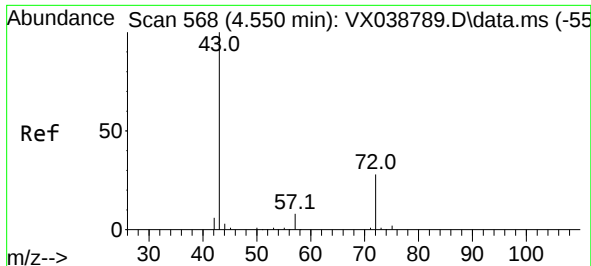


#24
 1,1-Dichloroethane
 Concen: 47.573 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26



Tgt Ion: 63 Resp: 143252
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 4.2 2.1 6.5





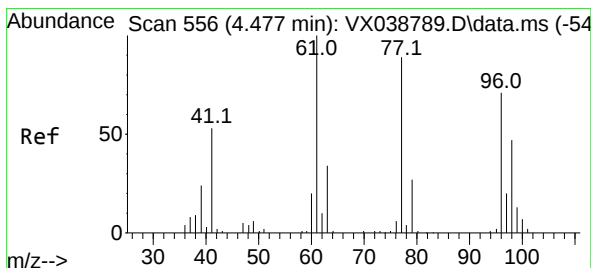
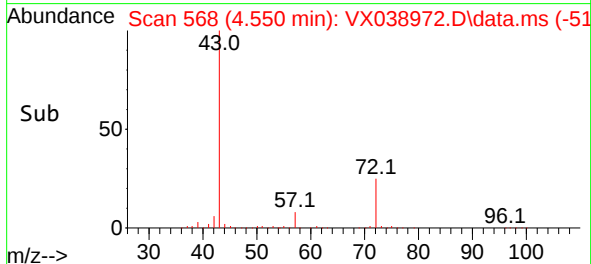
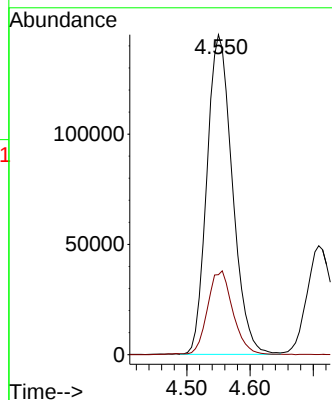
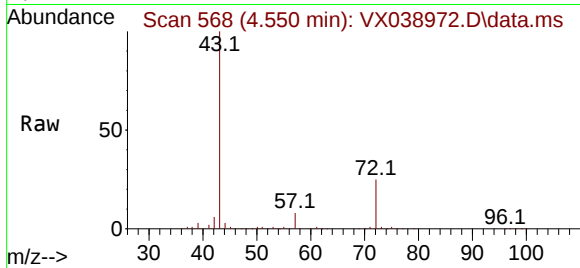
#25
2-Butanone
Concen: 247.787 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 40541
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

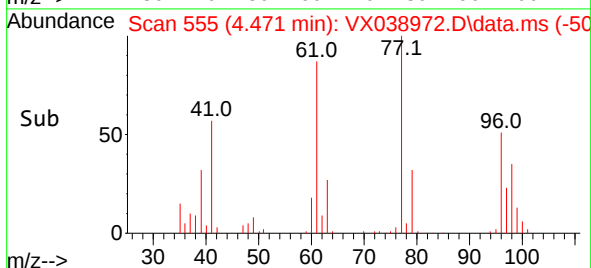
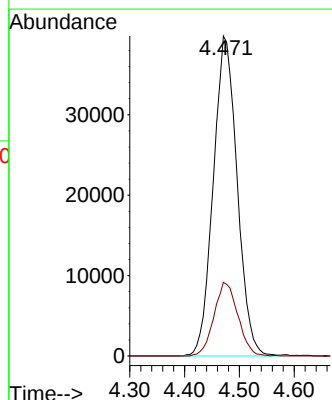
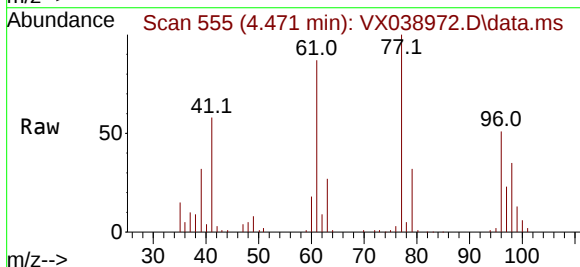
Manual Integrations
APPROVED

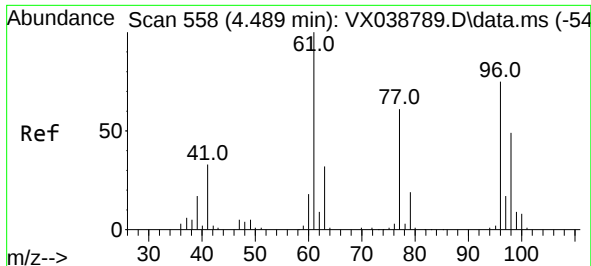
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#26
2,2-Dichloropropane
Concen: 46.097 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

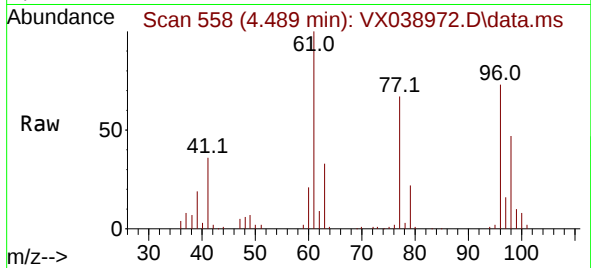
Tgt Ion: 77 Resp: 120404
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.707 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26

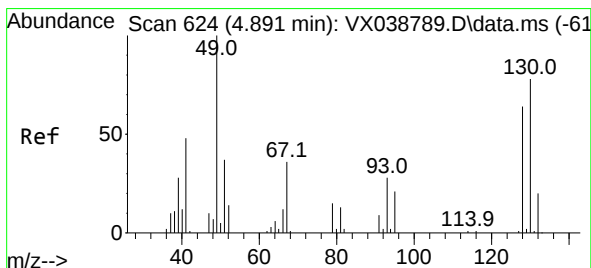
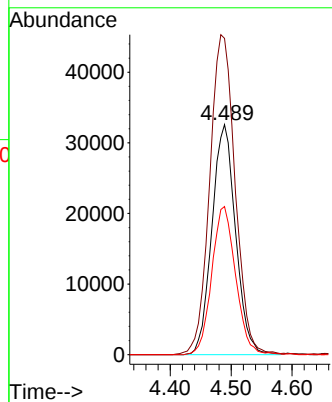
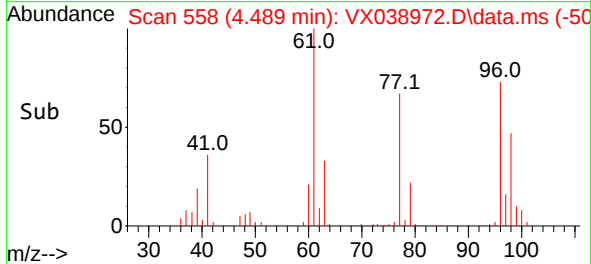
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8806
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 312.2
 98 64.8 0.0 129.0

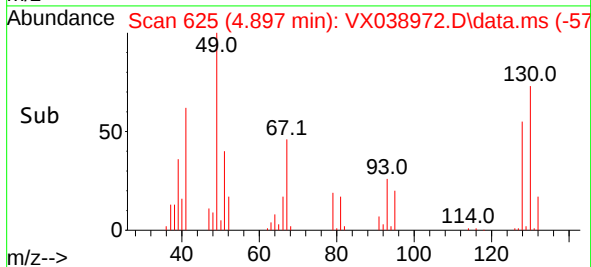
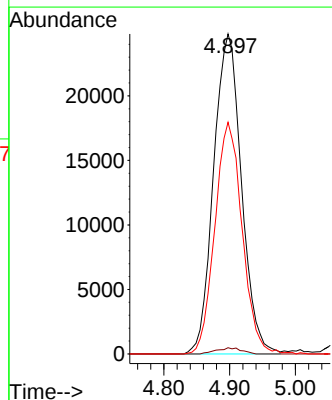
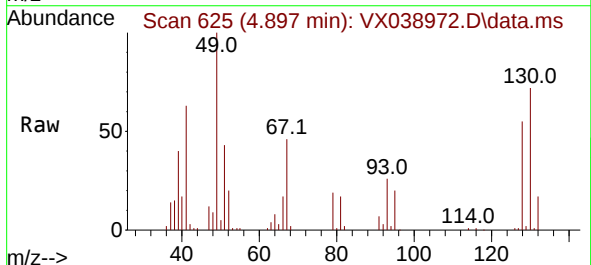
Manual Integrations
 APPROVED

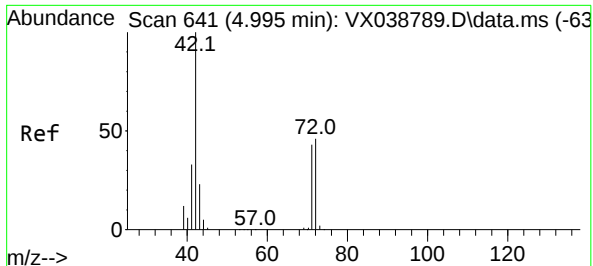
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#28
 Bromochloromethane
 Concen: 50.507 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26

Tgt Ion: 49 Resp: 73019
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 71.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 249.707 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 25941

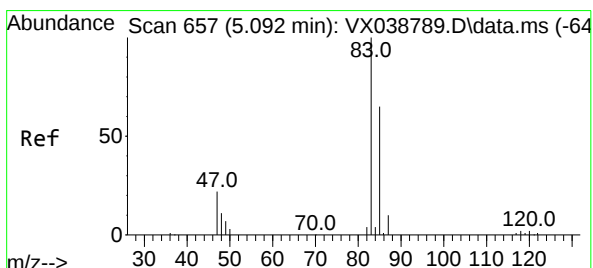
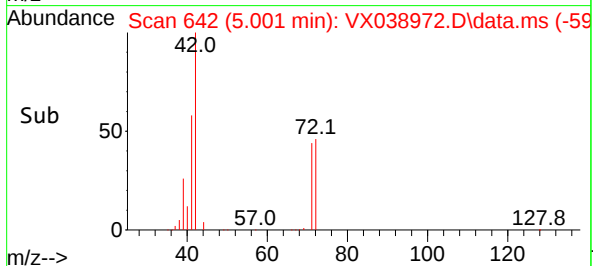
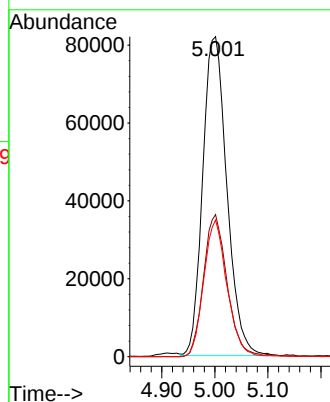
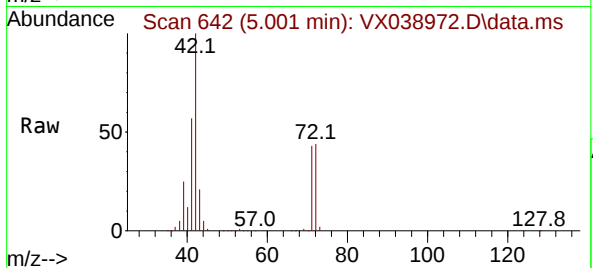
Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.2	51.4
71	41.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Chloroform

Concen: 49.757 ug/l

RT: 5.093 min Scan# 657

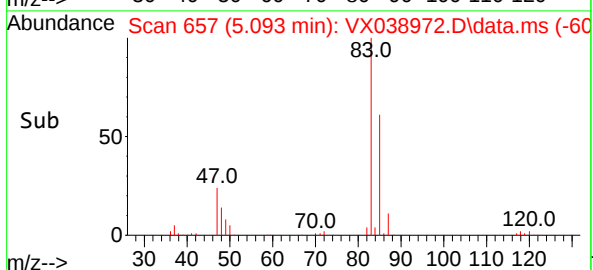
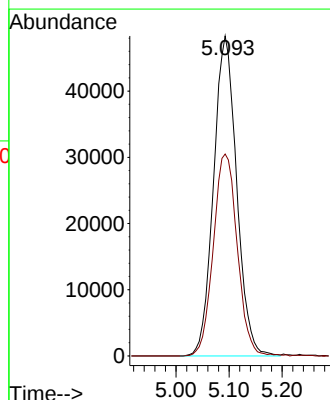
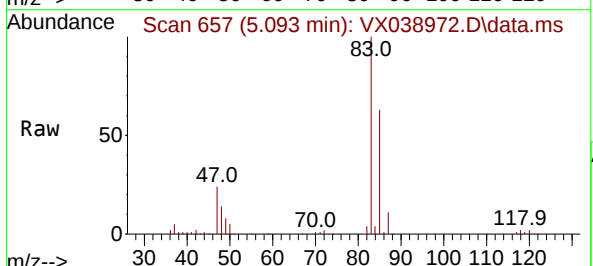
Delta R.T. 0.000 min

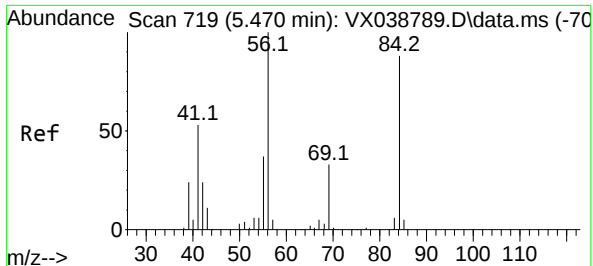
Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Tgt Ion: 83 Resp: 146301

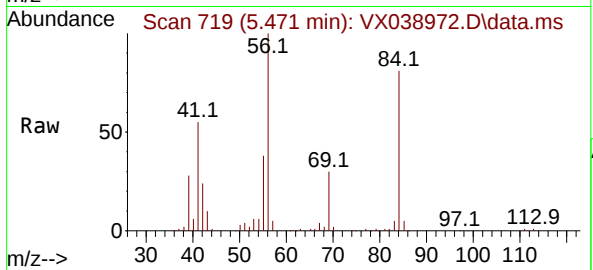
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 45.758 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

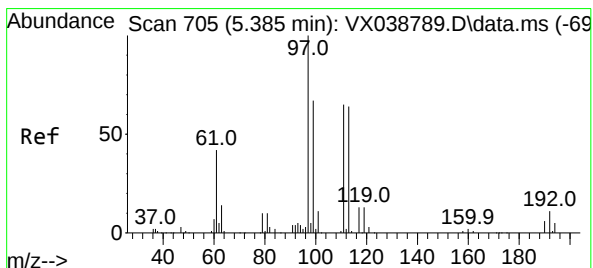
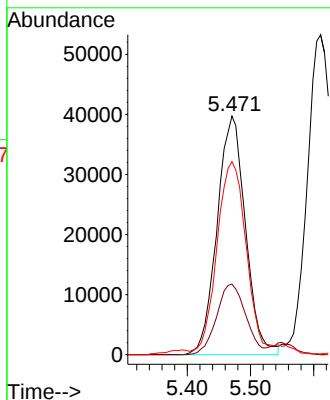
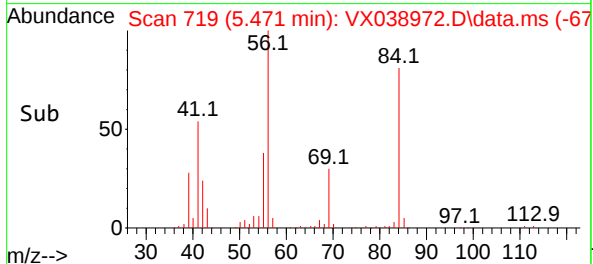
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 123823
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 79.2 65.9 98.9

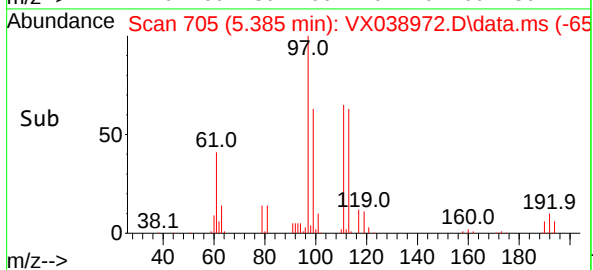
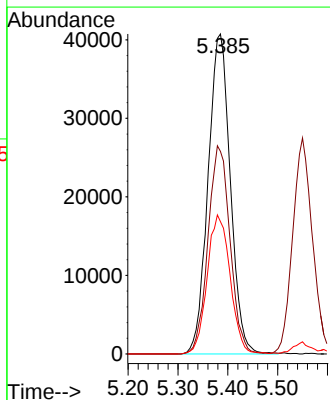
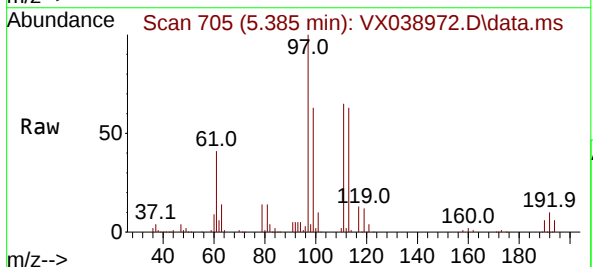
Manual Integrations
APPROVED

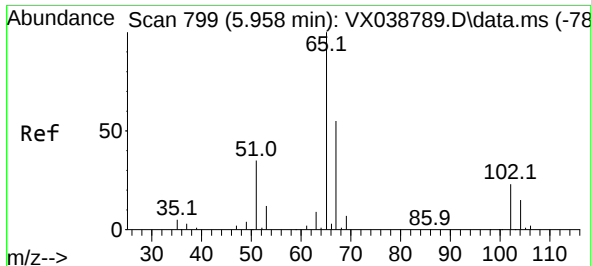
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#32
1,1,1-Trichloroethane
Concen: 49.605 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 97 Resp: 126332
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 44.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.565 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 97732

Ion Ratio Lower Upper

65 100

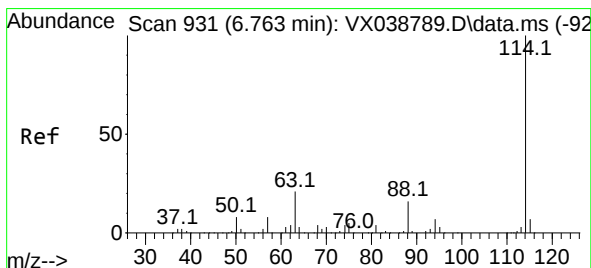
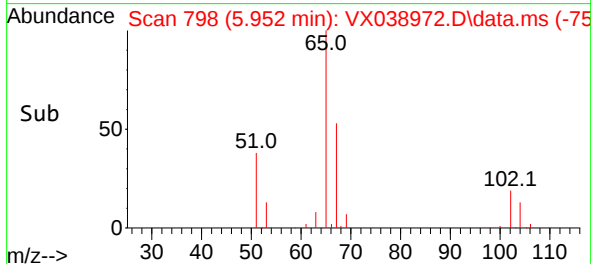
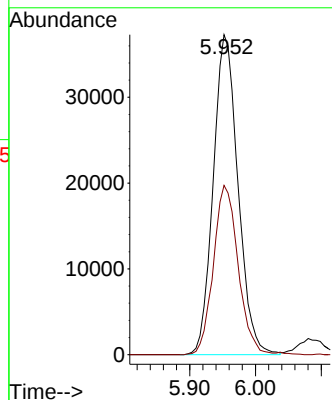
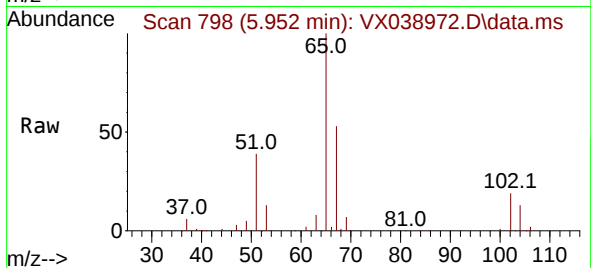
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

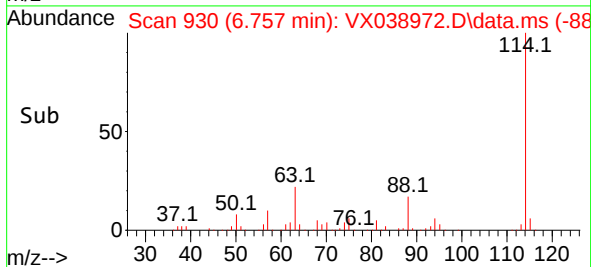
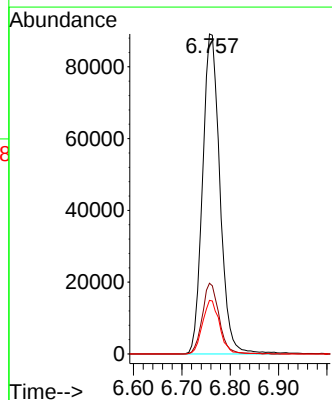
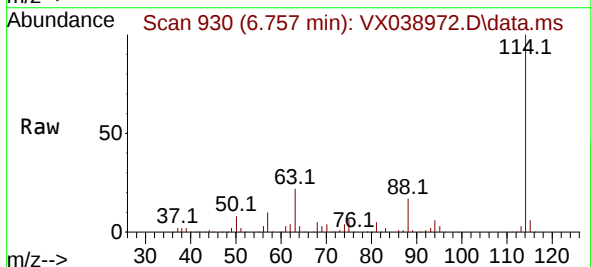
Tgt Ion:114 Resp: 222152

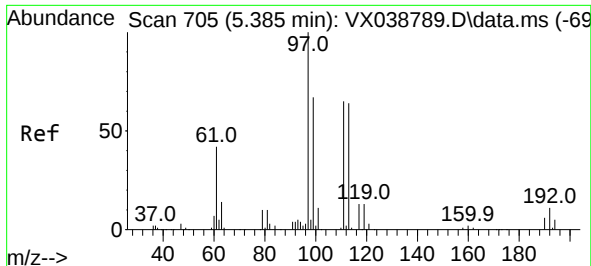
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

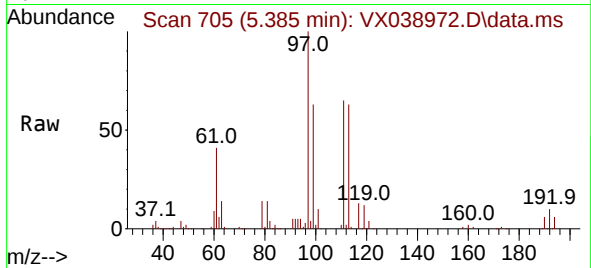
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.719 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

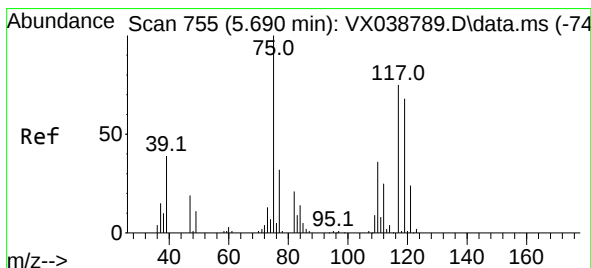
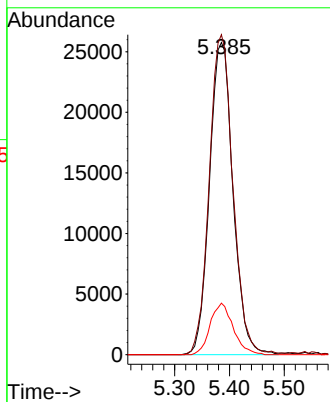
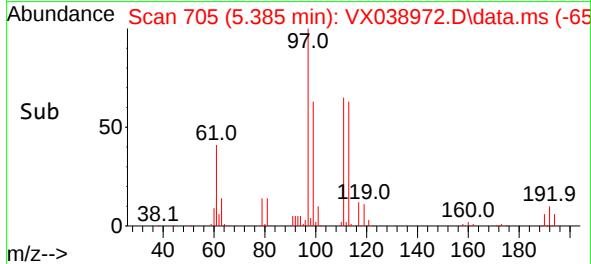
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 76562
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.2 13.3 19.9

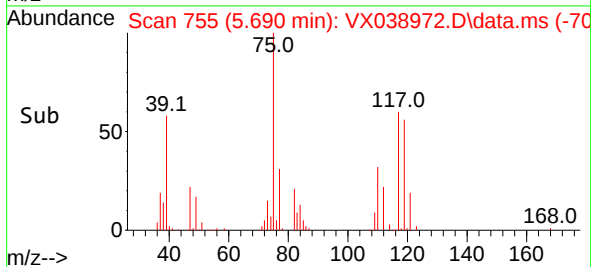
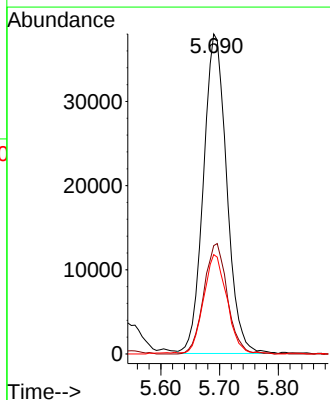
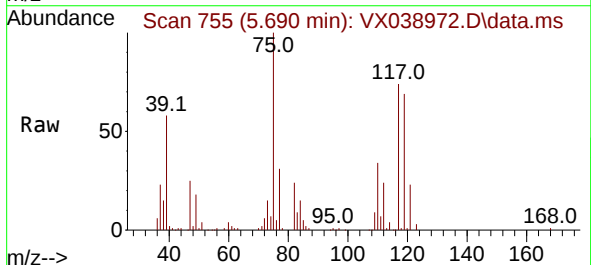
Manual Integrations
APPROVED

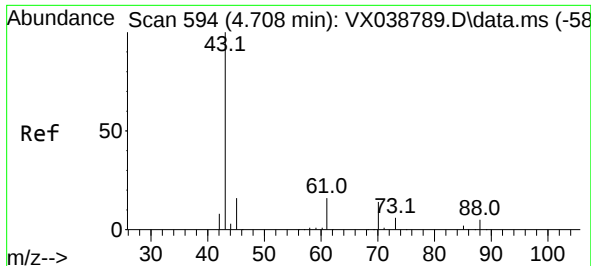
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#36
1,1-Dichloropropene
Concen: 45.592 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 75 Resp: 104840
Ion Ratio Lower Upper
75 100
110 35.0 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 47.984 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 14375

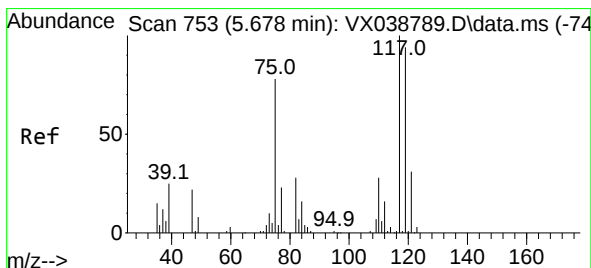
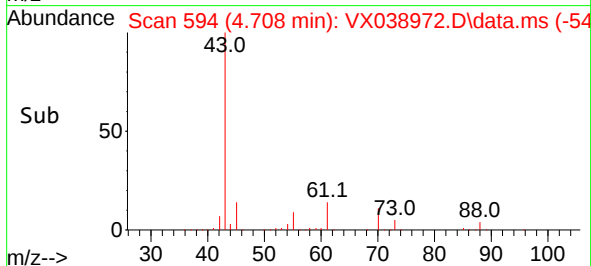
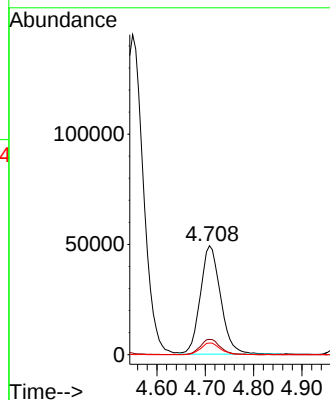
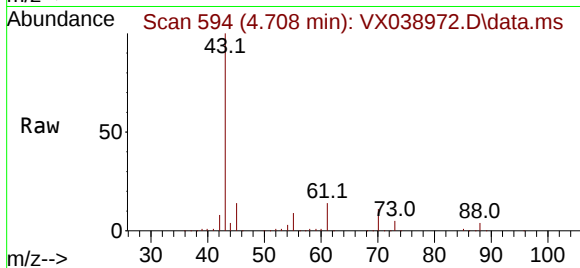
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	10.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#38

Carbon Tetrachloride

Concen: 49.651 ug/l

RT: 5.678 min Scan# 753

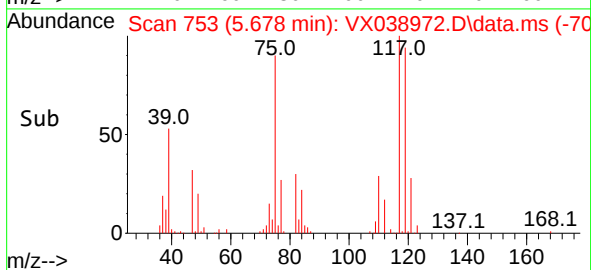
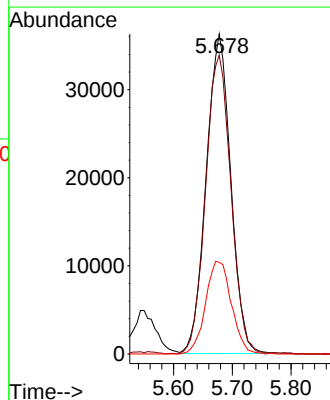
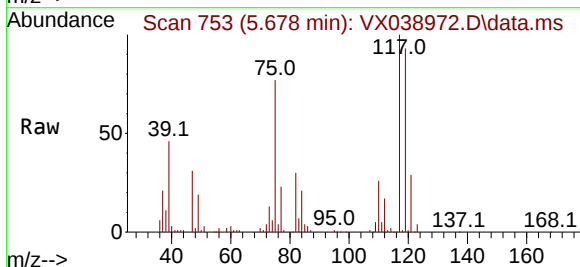
Delta R.T. 0.000 min

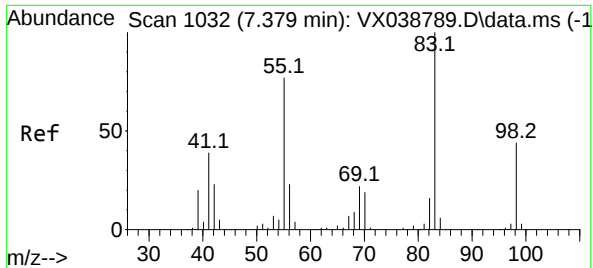
Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Tgt Ion:117 Resp: 105523

Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.2	117.2
121	28.7	24.4	36.6





#39

Methylcyclohexane

Concen: 42.824 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 128450

Ion Ratio Lower Upper

83 100

55 76.6 64.6 97.0

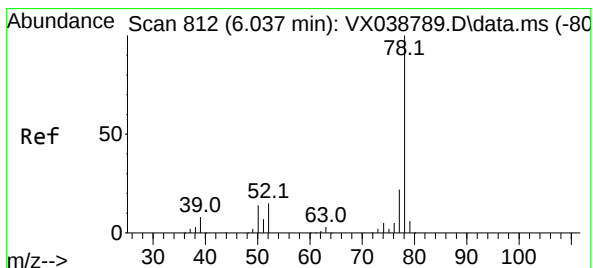
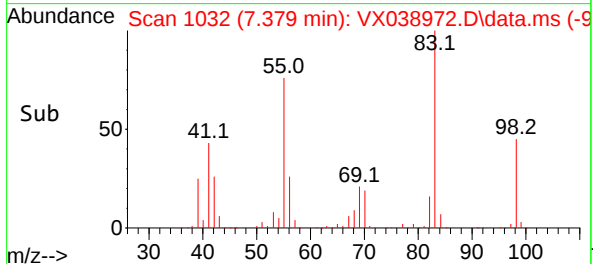
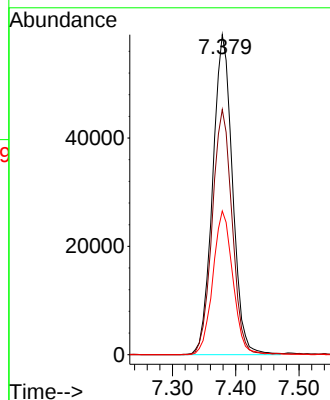
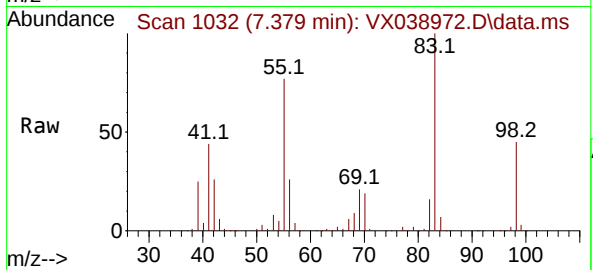
98 44.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#40

Benzene

Concen: 46.407 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038972.D

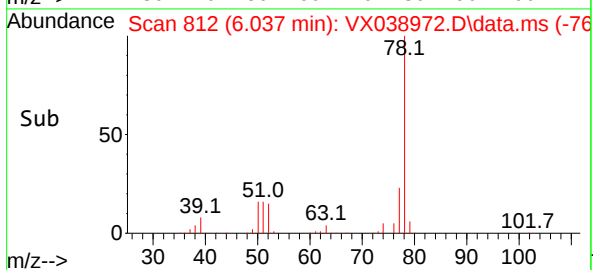
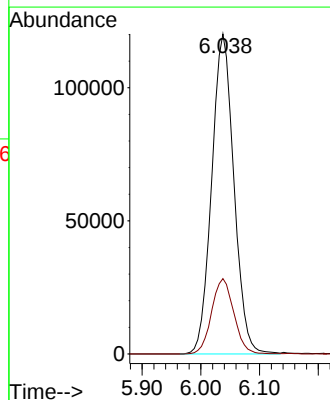
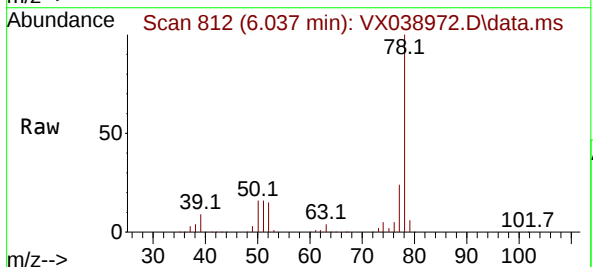
Acq: 20 Nov 2023 20:26

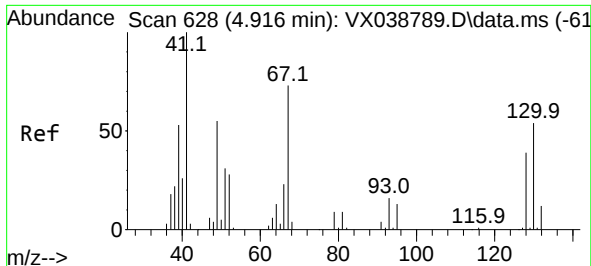
Tgt Ion: 78 Resp: 315629

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





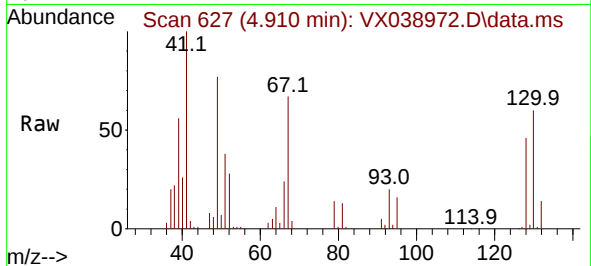
#41
Methacrylonitrile
Concen: 47.773 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



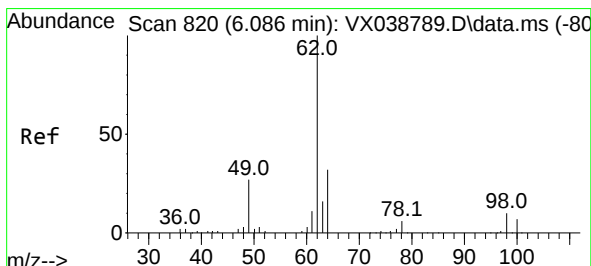
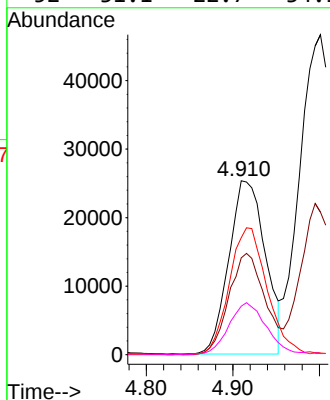
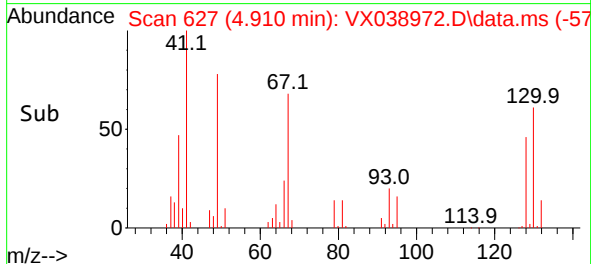
Tgt Ion: 41 Resp: 7423
Ion Ratio Lower Upper
41 100
39 58.7 45.2 67.8
67 75.9 52.6 78.8
52 31.1 22.7 34.1

Manual Integrations

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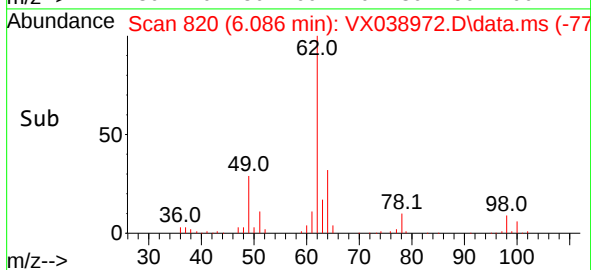
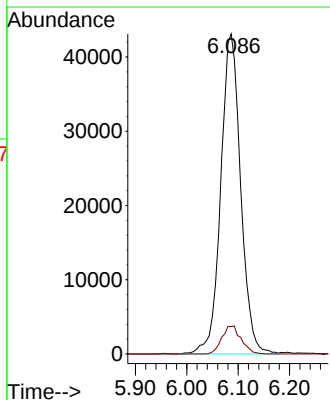
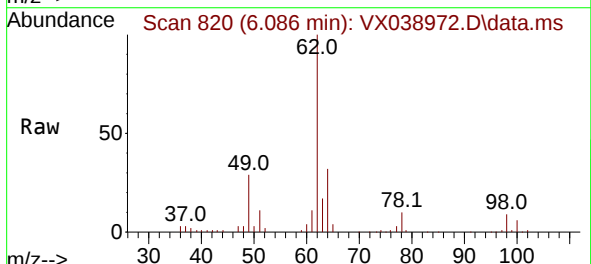
Reviewed By :John Carlone 11/21/2023

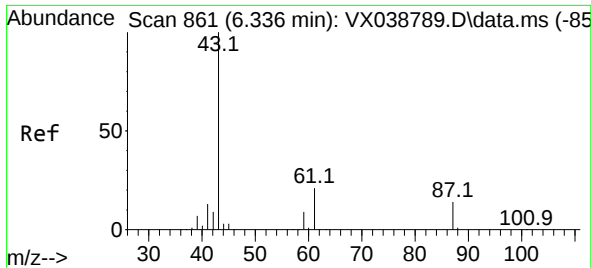
Supervised By :Mahesh Dadoda 11/21/2023



#42
1,2-Dichloroethane
Concen: 51.534 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 62 Resp: 116126
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.009 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 229862

Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

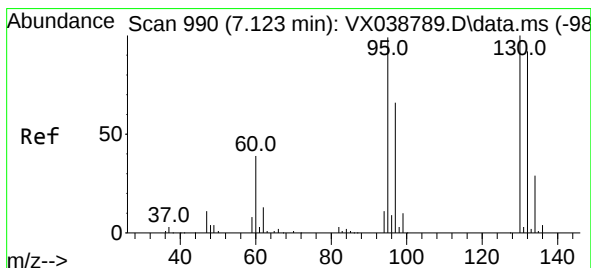
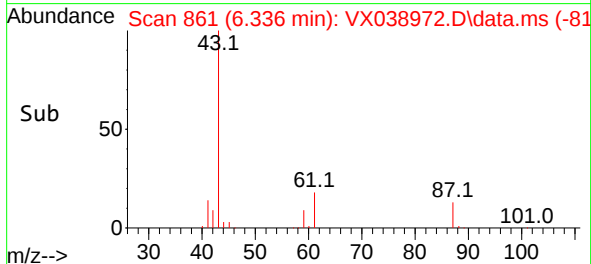
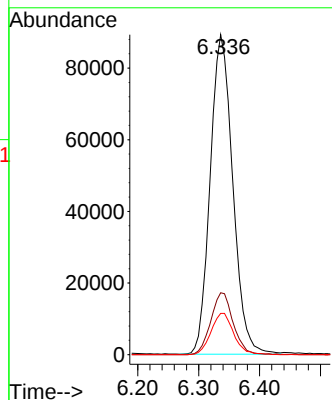
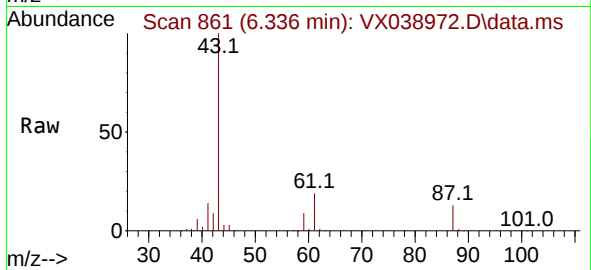
87 13.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#44

Trichloroethene

Concen: 48.325 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038972.D

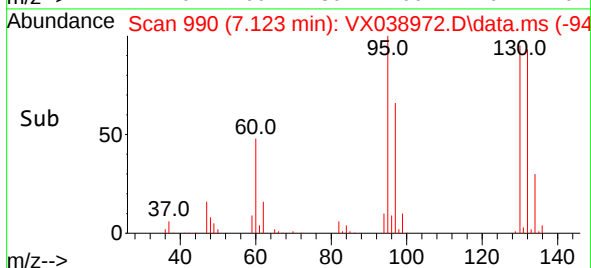
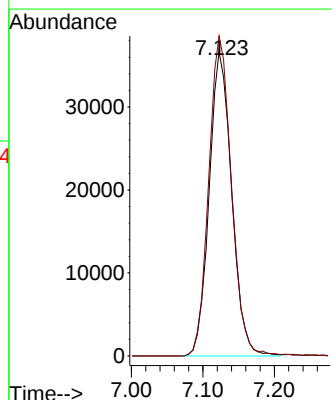
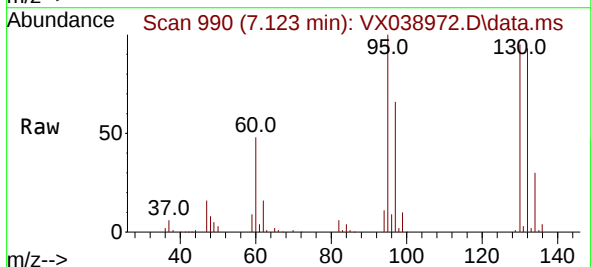
Acq: 20 Nov 2023 20:26

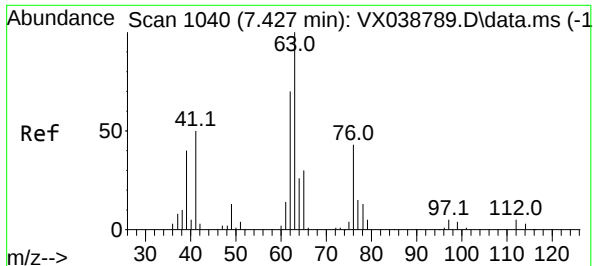
Tgt Ion:130 Resp: 80002

Ion Ratio Lower Upper

130 100

95 105.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.069 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 86149

Ion Ratio Lower Upper

63 100

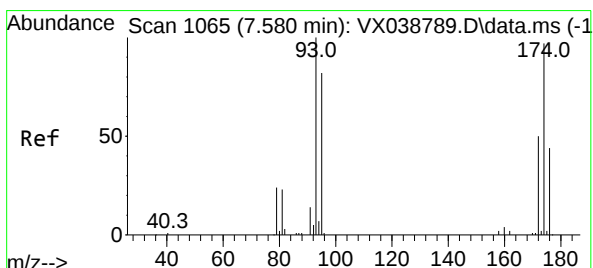
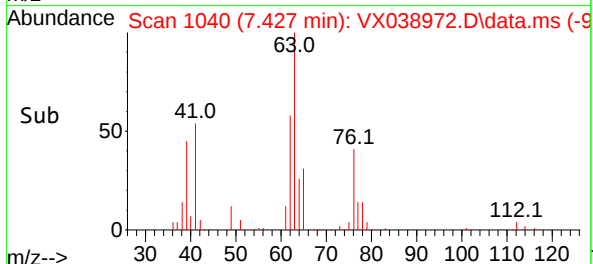
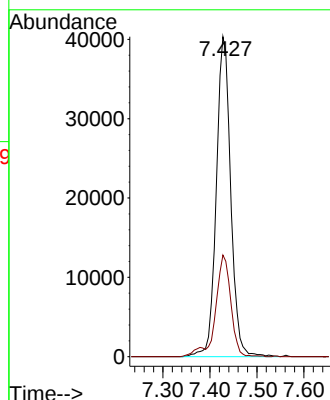
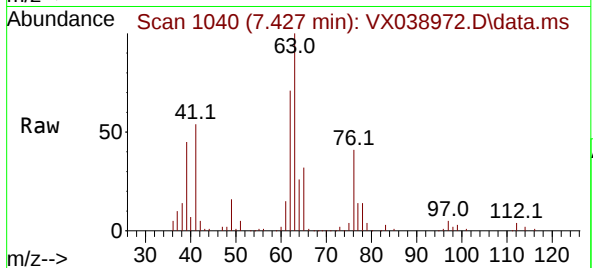
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#46

Dibromomethane

Concen: 49.622 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

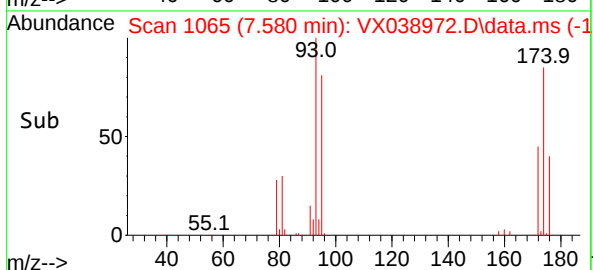
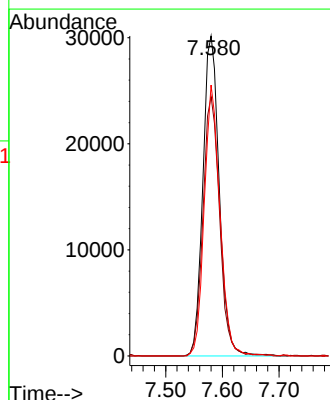
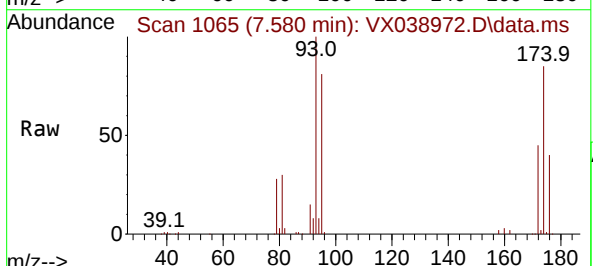
Tgt Ion: 93 Resp: 60567

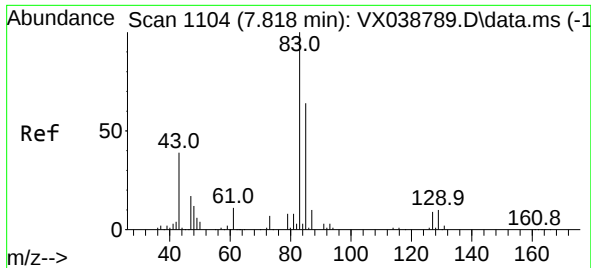
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

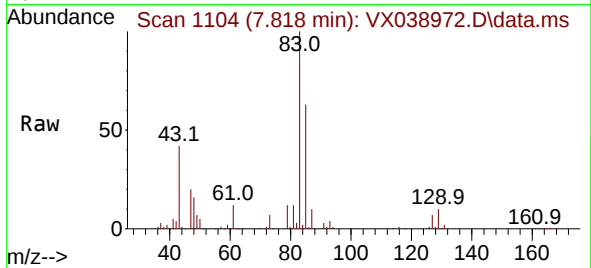
174 81.4 69.4 104.0





#47
Bromodichloromethane
Concen: 48.732 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

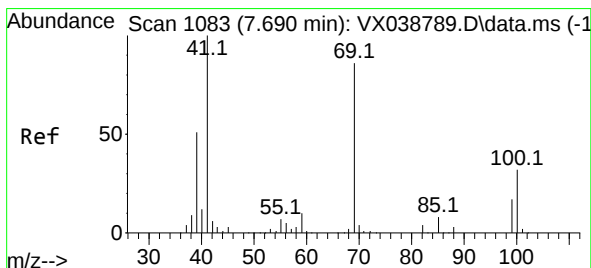
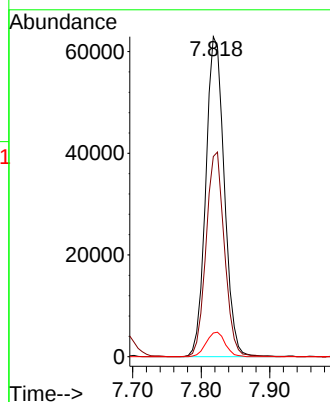
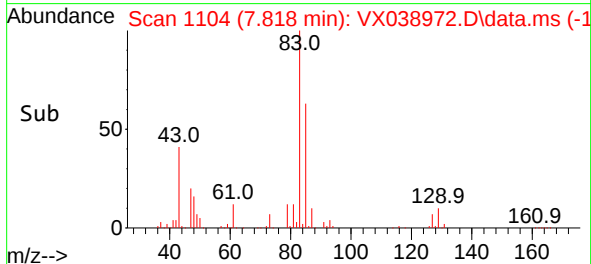
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



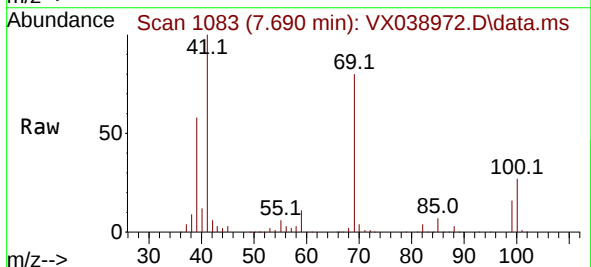
Tgt Ion: 83 Resp: 118050
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 7.4 7.1 10.7

Manual Integrations
APPROVED

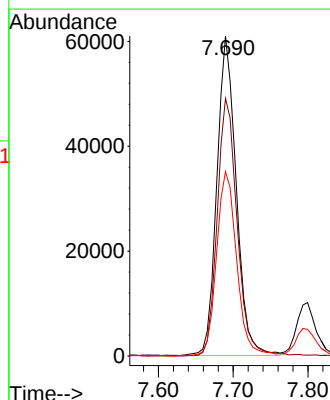
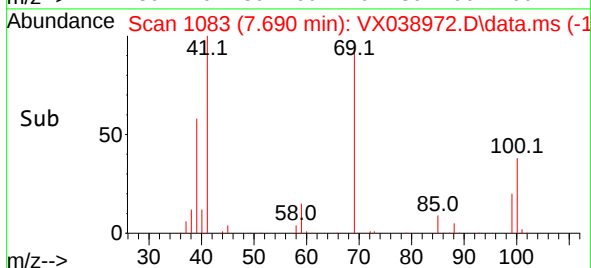
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

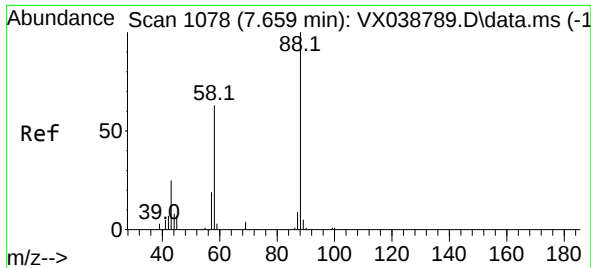


#48
Methyl methacrylate
Concen: 47.194 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



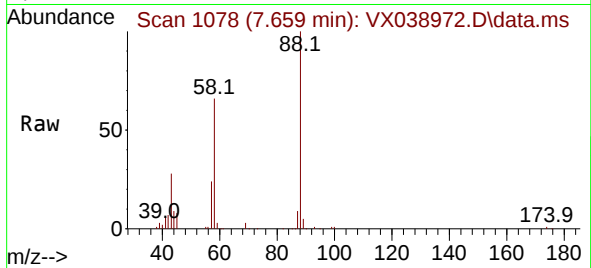
Tgt Ion: 41 Resp: 109634
Ion Ratio Lower Upper
41 100
69 83.3 59.2 88.8
39 60.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1014.784 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

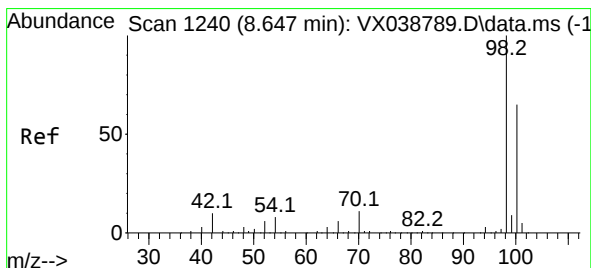
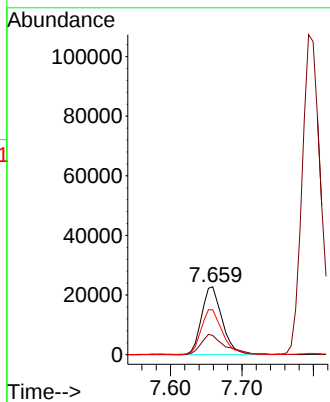
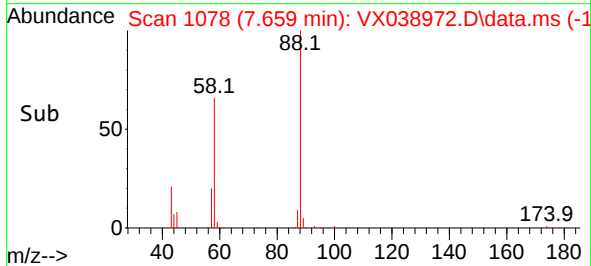
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 45607
Ion Ratio Lower Upper
88 100
43 34.1 0.0 0.0
58 68.6 60.1 90.1

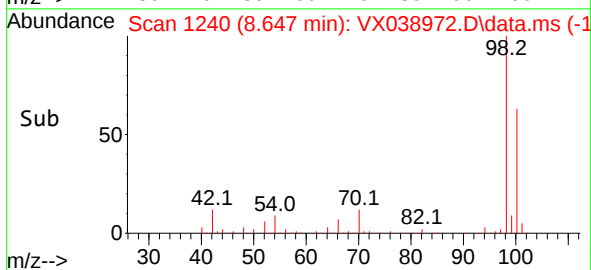
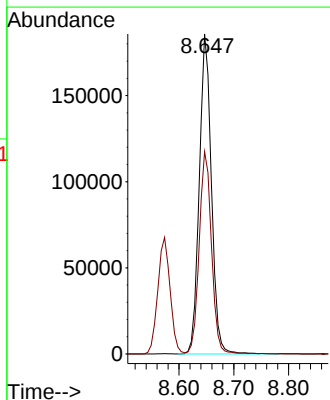
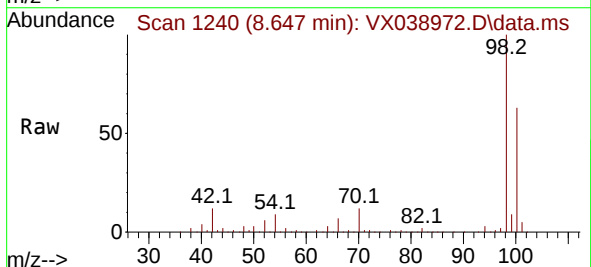
Manual Integrations
APPROVED

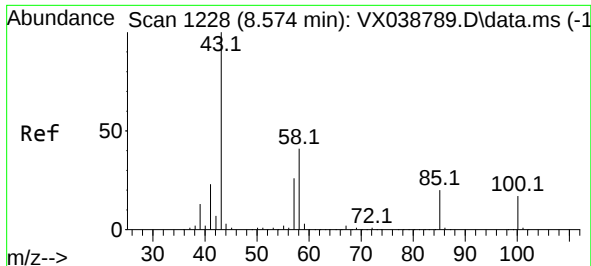
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#50
Toluene-d8
Concen: 46.510 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 98 Resp: 285511
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 249.465 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 76330

Ion Ratio Lower Upper

43 100

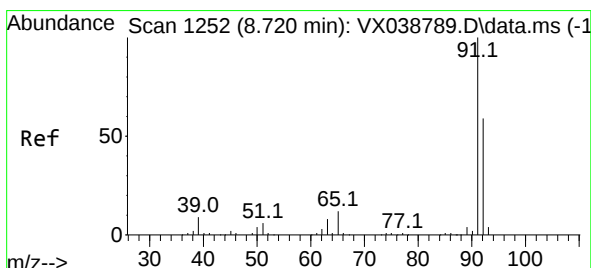
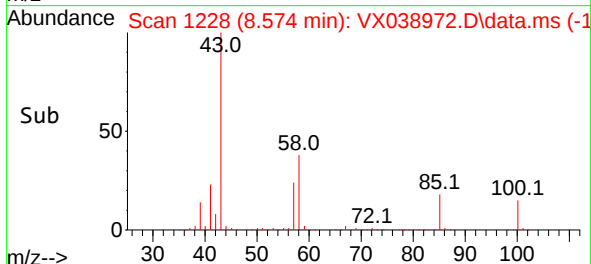
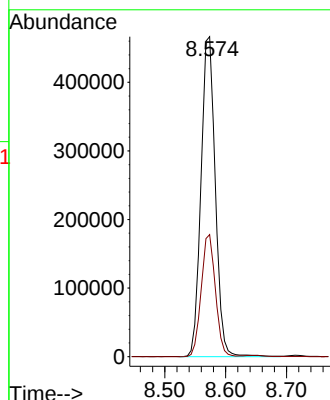
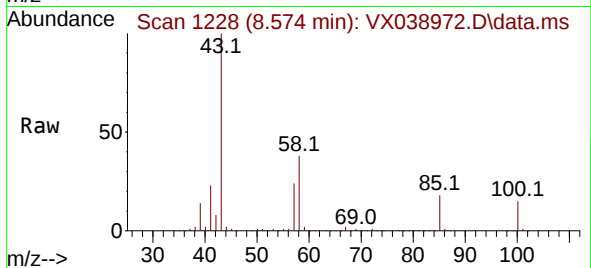
58 37.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#52

Toluene

Concen: 46.376 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038972.D

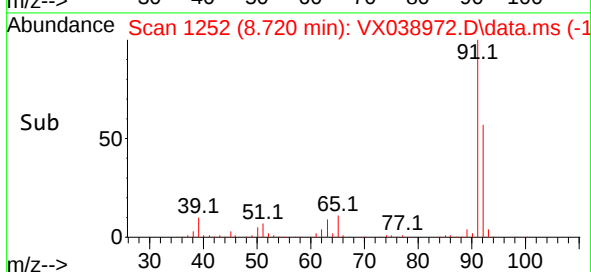
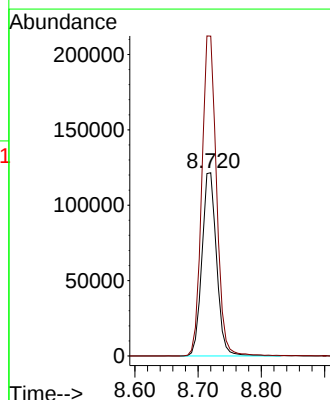
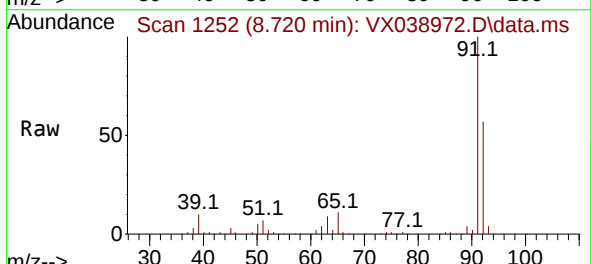
Acq: 20 Nov 2023 20:26

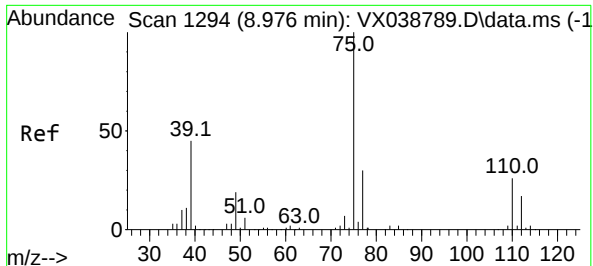
Tgt Ion: 92 Resp: 195731

Ion Ratio Lower Upper

92 100

91 176.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.285 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 133244

Ion Ratio Lower Upper

75 100

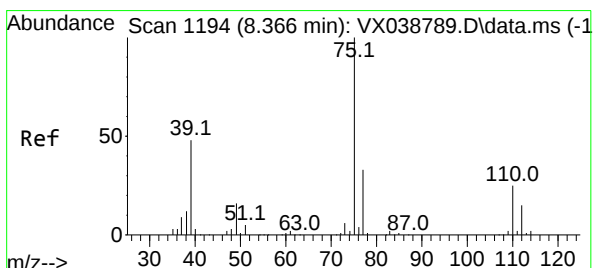
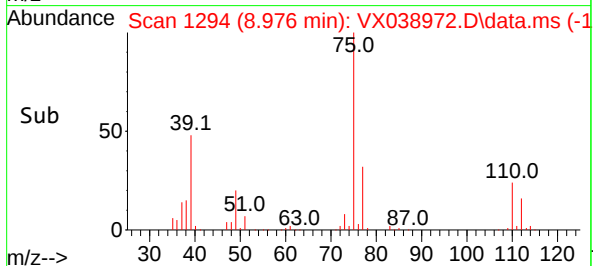
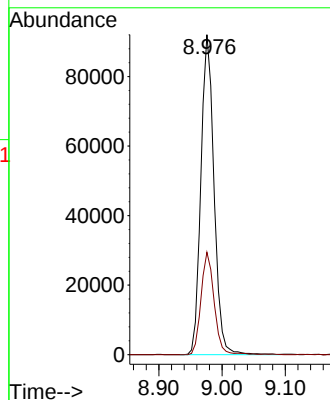
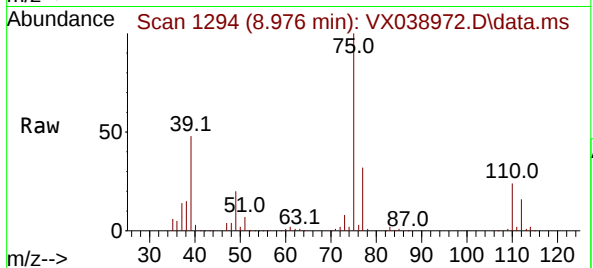
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#54

cis-1,3-Dichloropropene

Concen: 46.825 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

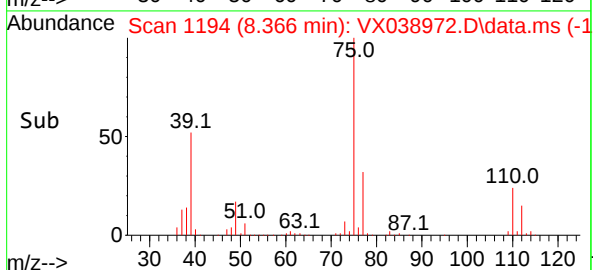
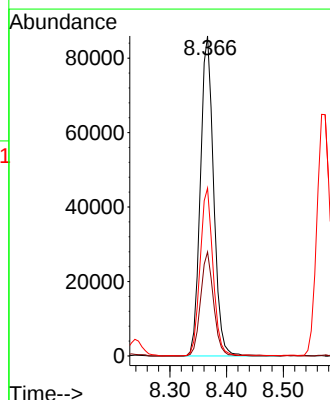
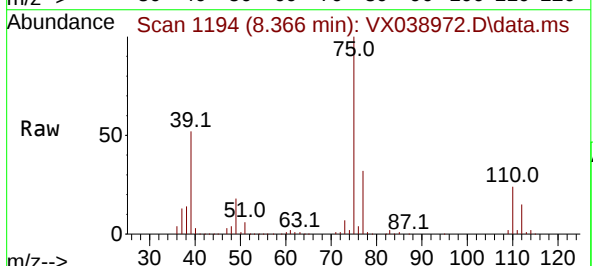
Tgt Ion: 75 Resp: 139244

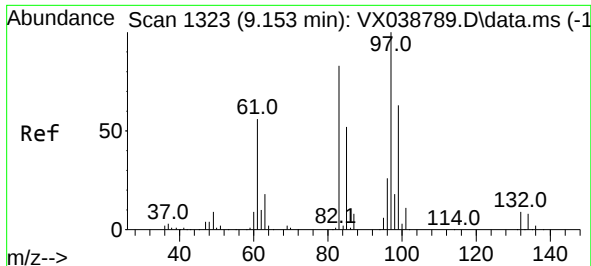
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 52.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.097 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

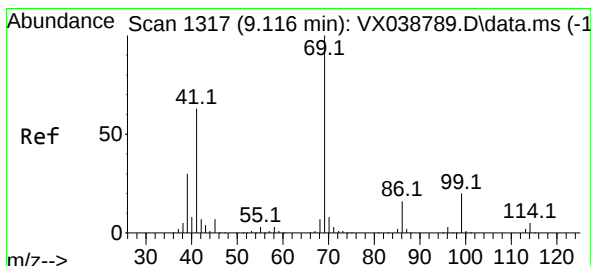
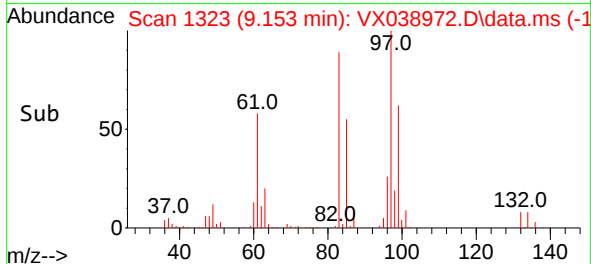
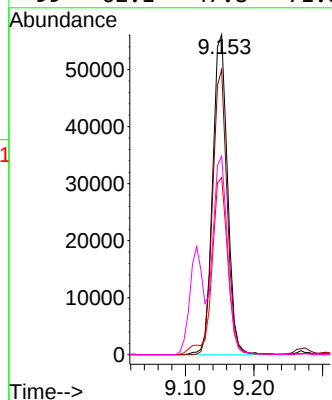
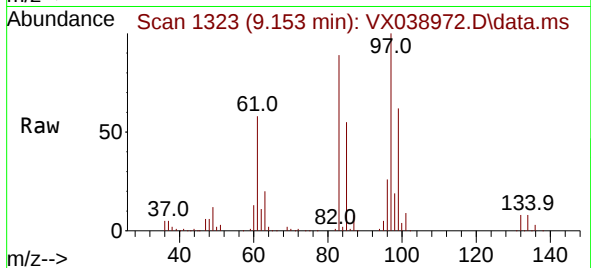
VSTDCCC050EC

Tgt Ion: 97 Resp: 8470
Ion Ratio Lower Upper
97 100
83 89.1 65.8 98.8
85 55.3 41.6 62.4
99 62.1 47.8 71.8

Manual Integrations

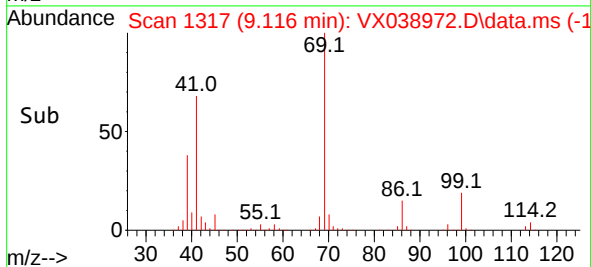
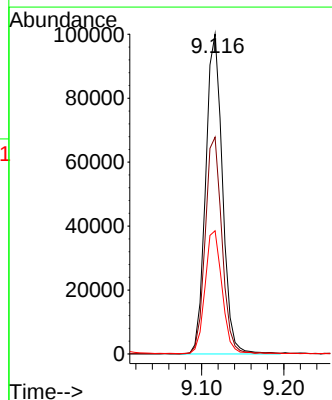
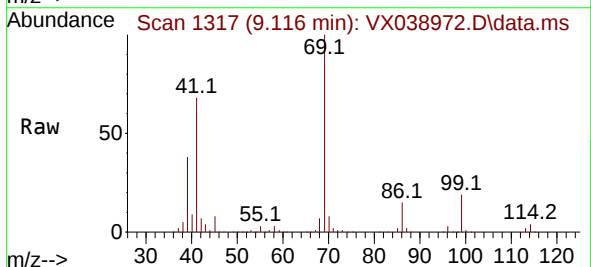
APPROVED

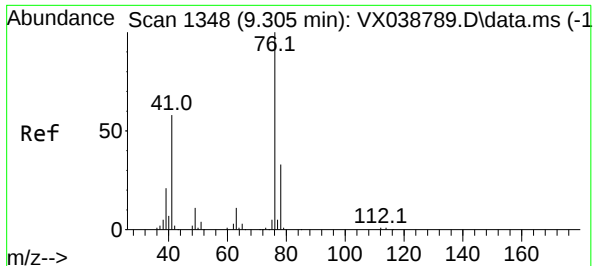
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#56
Ethyl methacrylate
Concen: 47.629 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 69 Resp: 141916
Ion Ratio Lower Upper
69 100
41 67.3 56.8 85.2
39 38.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.246 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14051

Ion Ratio Lower Upper

76 100

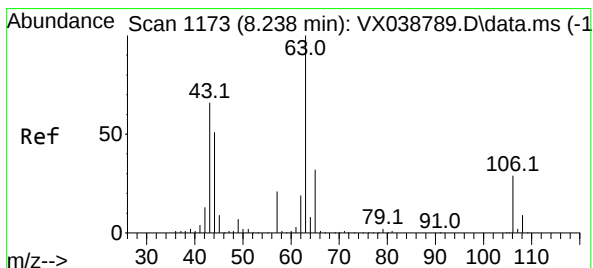
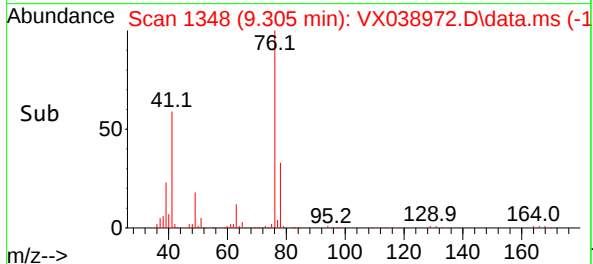
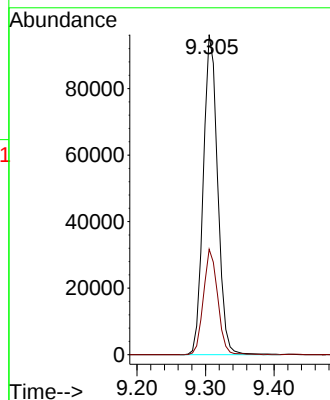
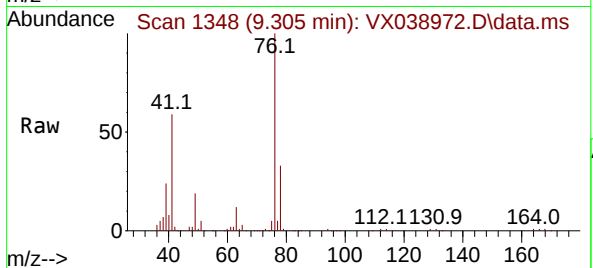
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 236.987 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038972.D

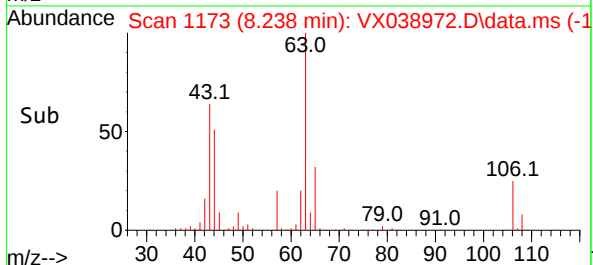
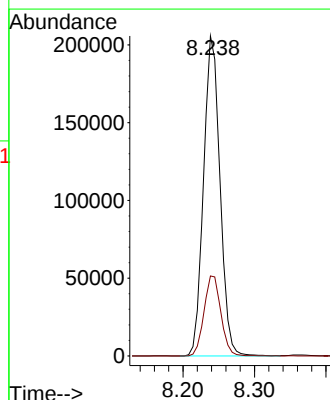
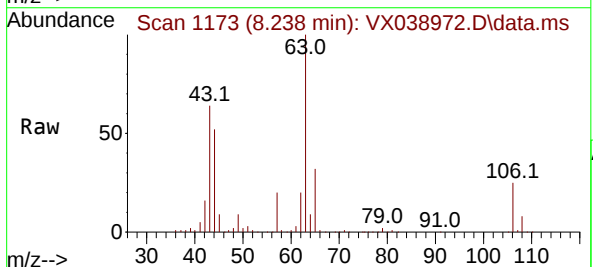
Acq: 20 Nov 2023 20:26

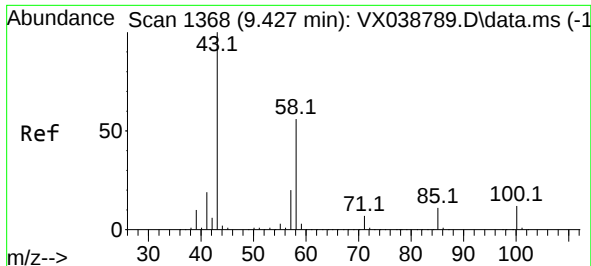
Tgt Ion: 63 Resp: 328948

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7





#59

2-Hexanone

Concen: 248.159 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 60860

Ion Ratio Lower Upper

43 100

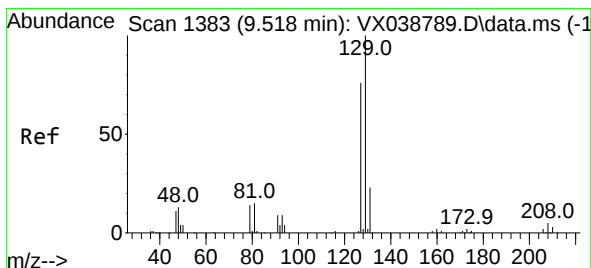
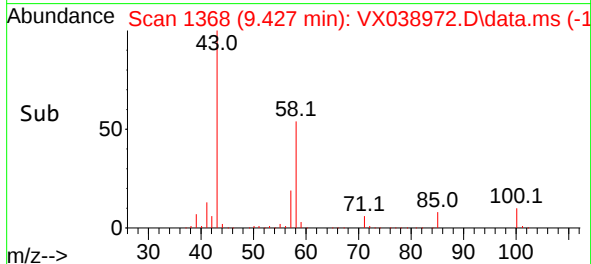
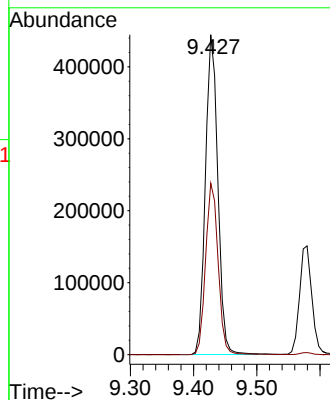
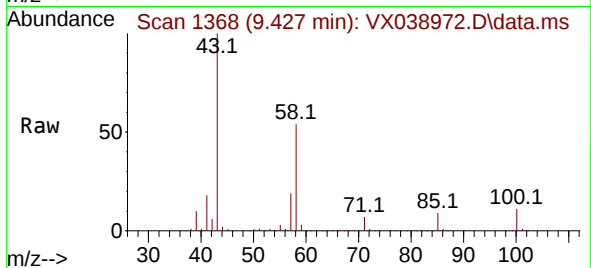
58 53.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#60

Dibromochloromethane

Concen: 49.232 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038972.D

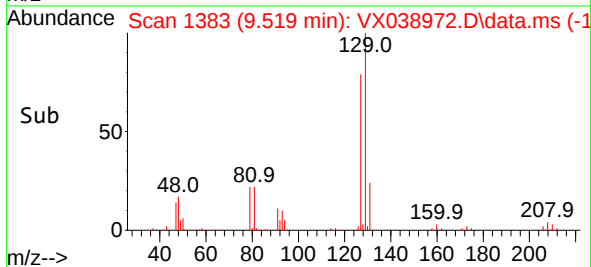
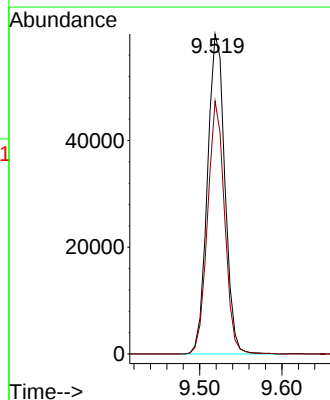
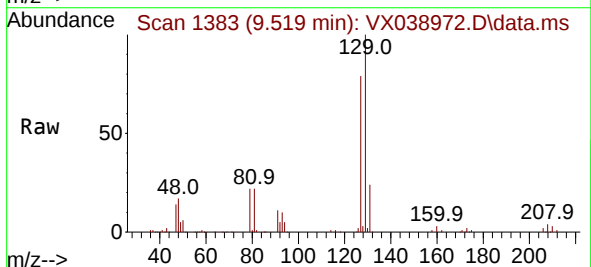
Acq: 20 Nov 2023 20:26

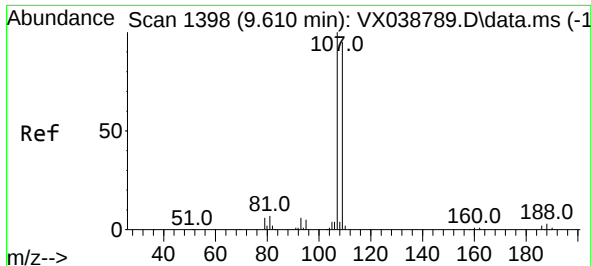
Tgt Ion:129 Resp: 88156

Ion Ratio Lower Upper

129 100

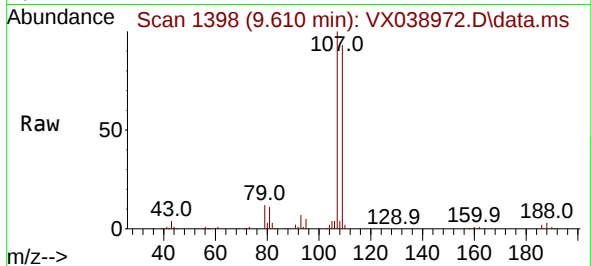
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.841 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

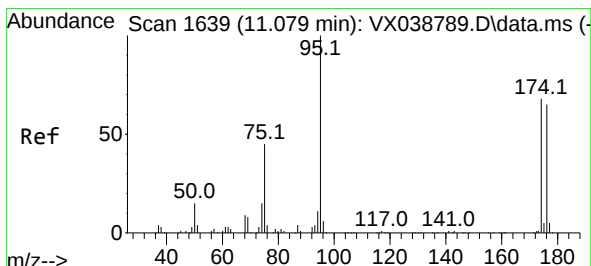
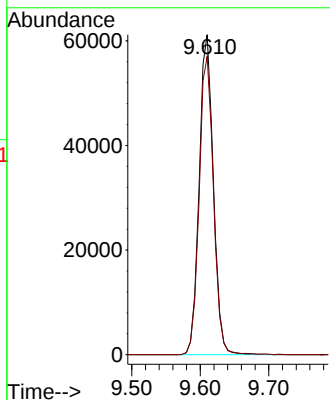
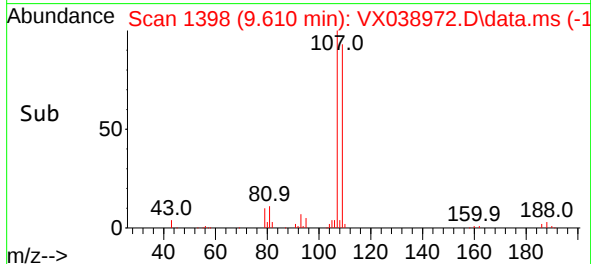
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



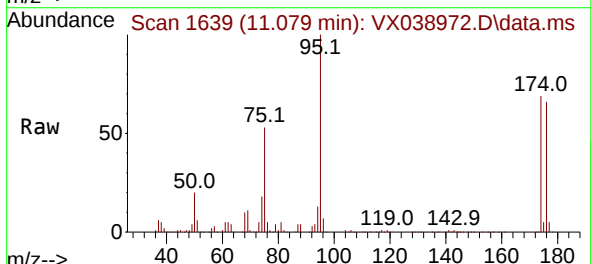
Tgt Ion:107 Resp: 88408
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

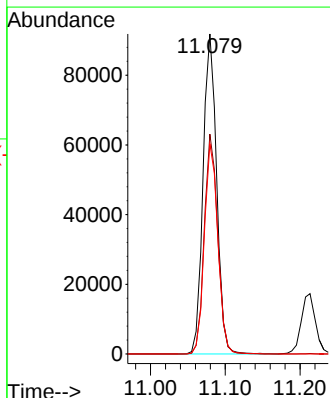
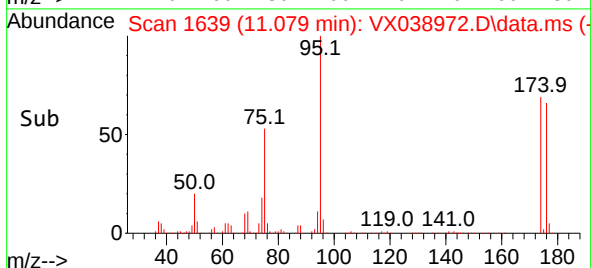
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

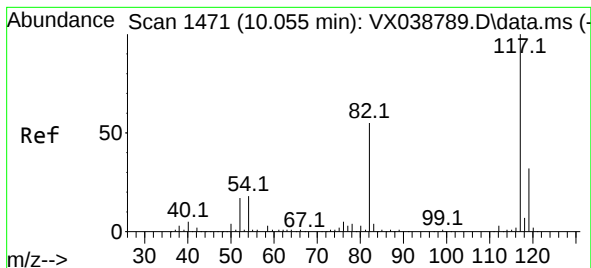


#62
4-Bromofluorobenzene
Concen: 47.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



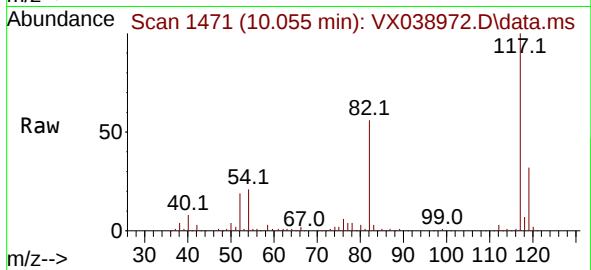
Tgt Ion: 95 Resp: 115513
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

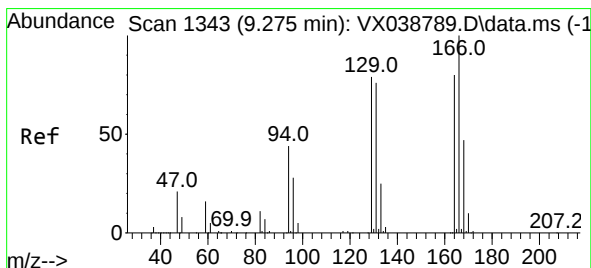
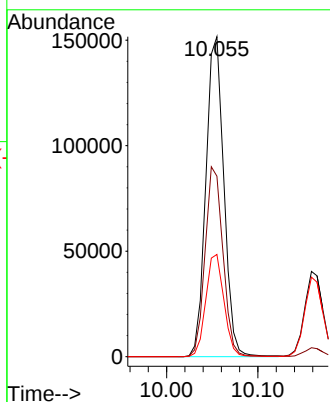
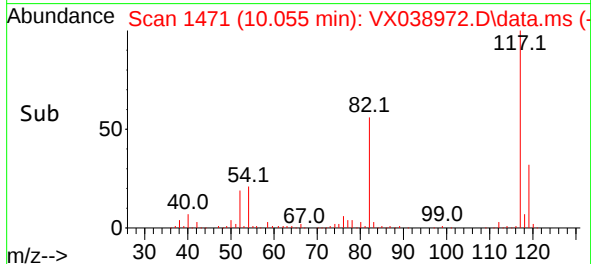
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20732
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.9 25.5 38.3

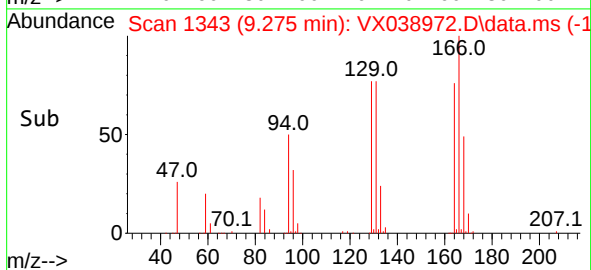
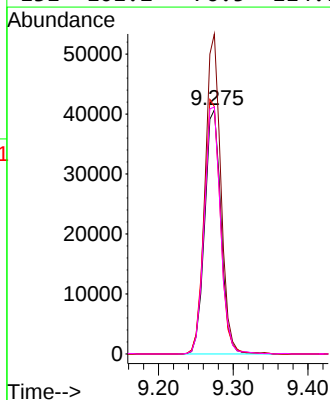
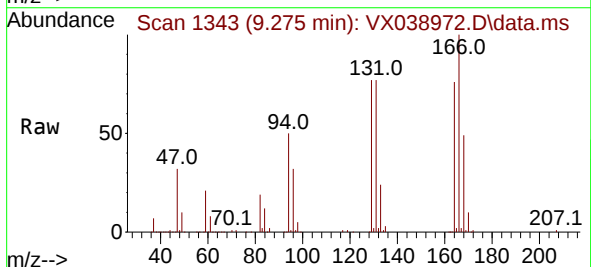
Manual Integrations
APPROVED

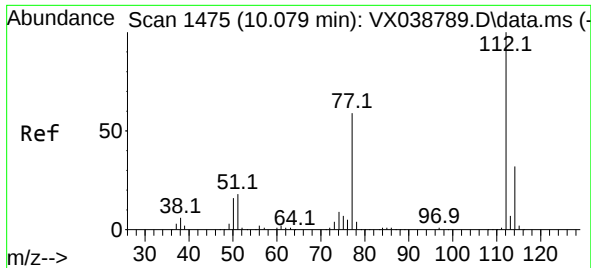
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#64
Tetrachloroethene
Concen: 47.769 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion:164 Resp: 61560
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 101.4 80.4 120.6
131 101.2 76.5 114.7





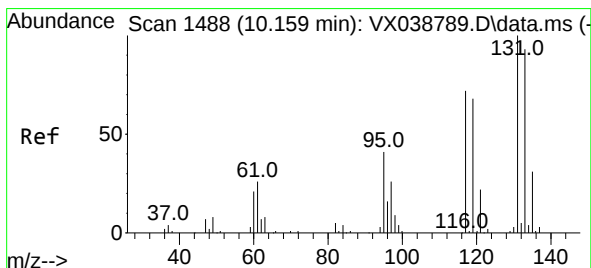
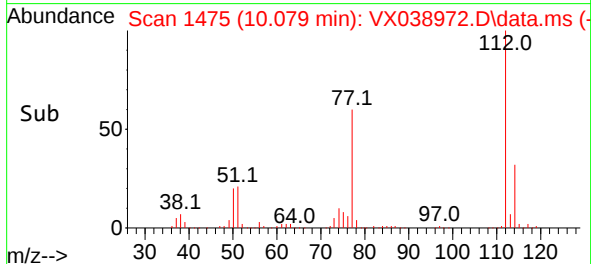
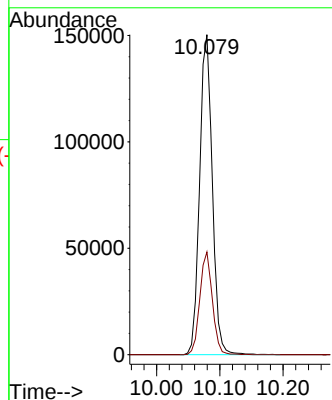
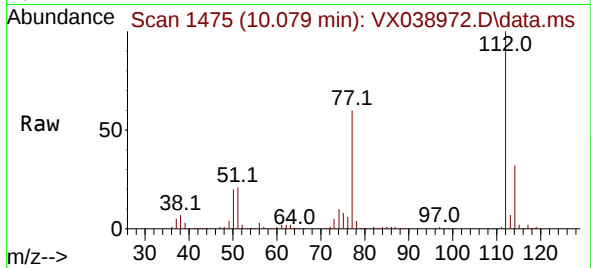
#65
Chlorobenzene
Concen: 47.011 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 209954
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

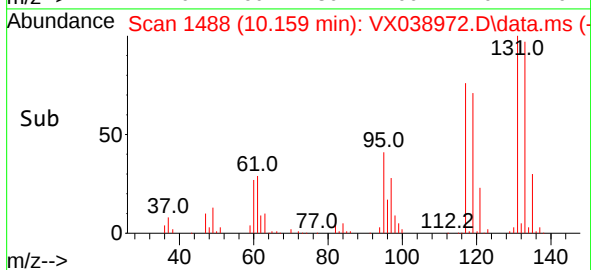
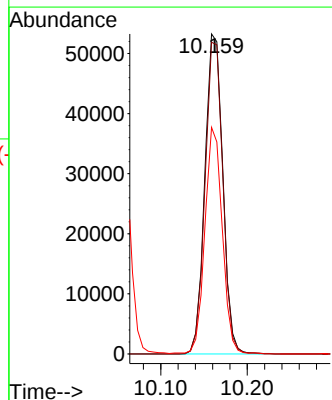
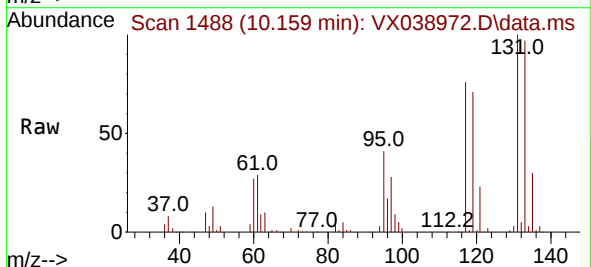
Manual Integrations
APPROVED

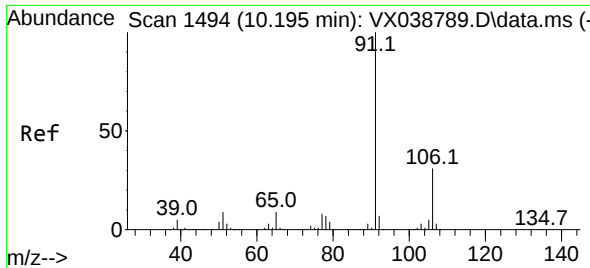
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.673 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

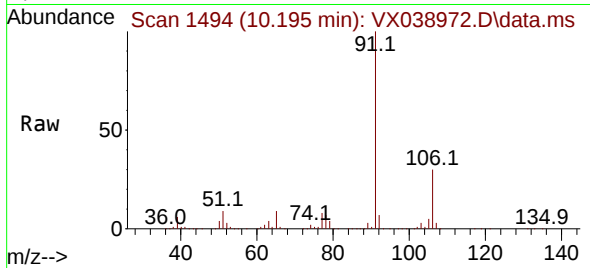
Tgt Ion:131 Resp: 76587
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.4
119 68.9 32.2 96.6





#67
Ethyl Benzene
Concen: 47.406 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

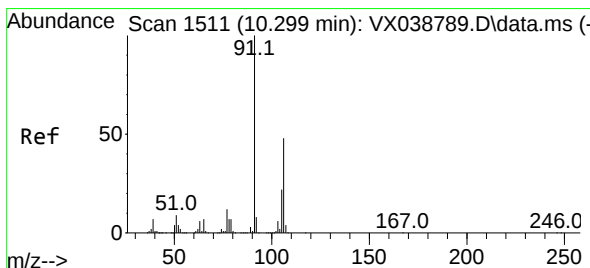
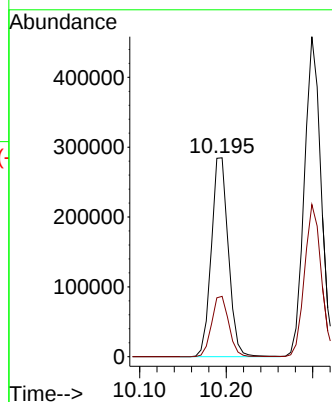
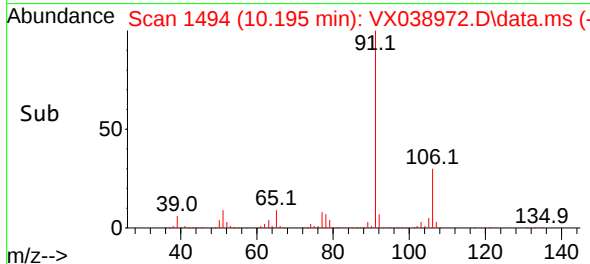
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



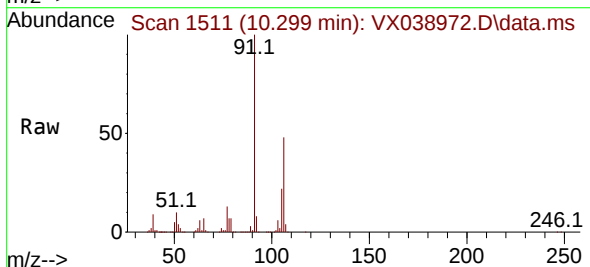
Tgt Ion: 91 Resp: 388978
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
APPROVED

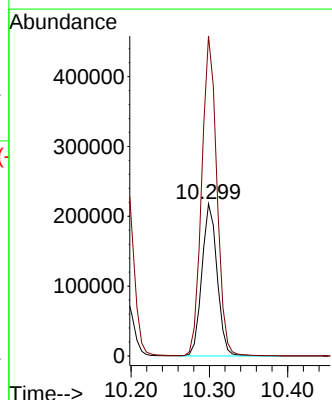
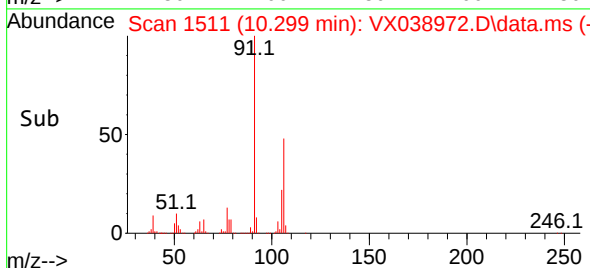
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

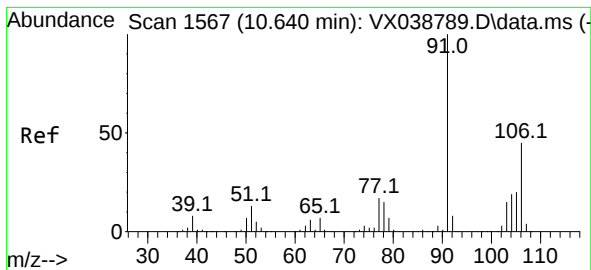


#68
m/p-Xylenes
Concen: 94.644 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



Tgt Ion:106 Resp: 293763
Ion Ratio Lower Upper
106 100
91 209.2 165.5 248.3





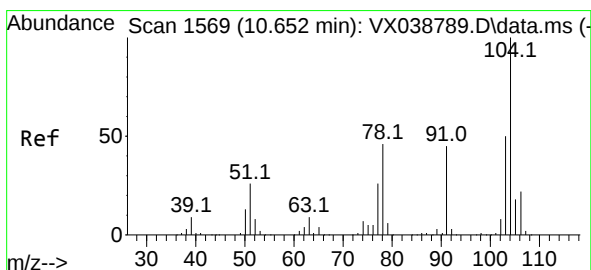
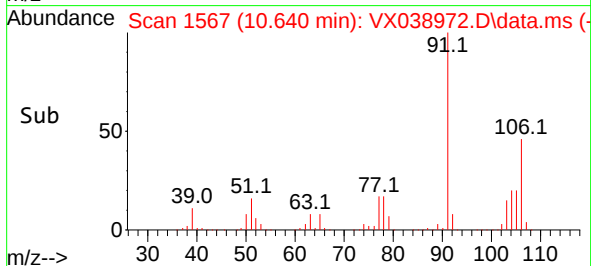
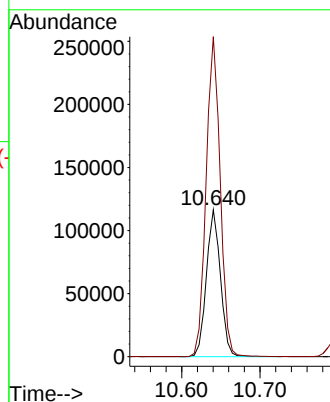
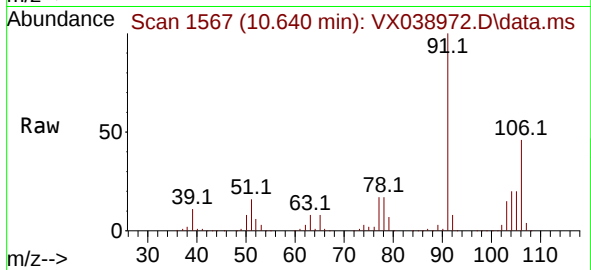
#69
o-Xylene
Concen: 46.953 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 144200
Ion Ratio Lower Upper
106 100
91 218.5 108.9 326.8

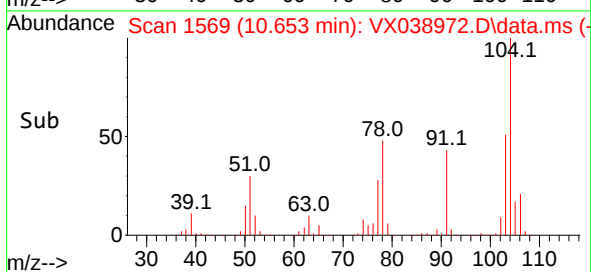
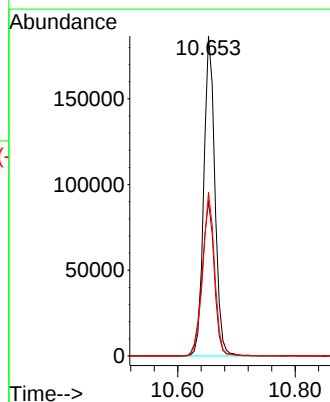
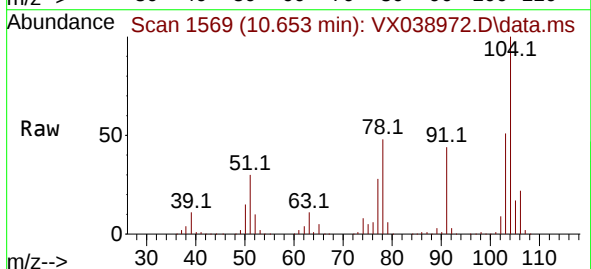
Manual Integrations
APPROVED

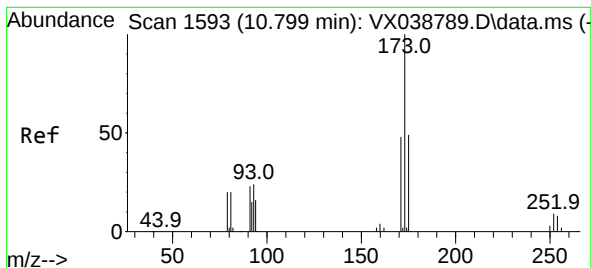
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#70
Styrene
Concen: 47.411 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion:104 Resp: 245916
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 48.731 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

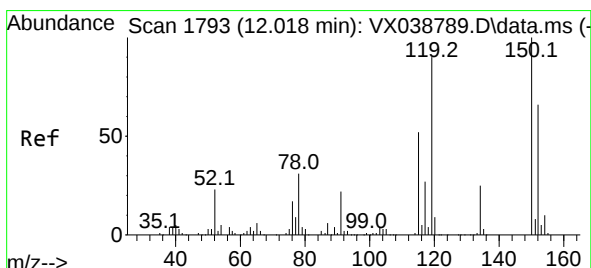
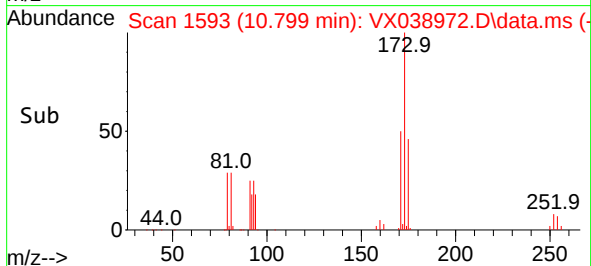
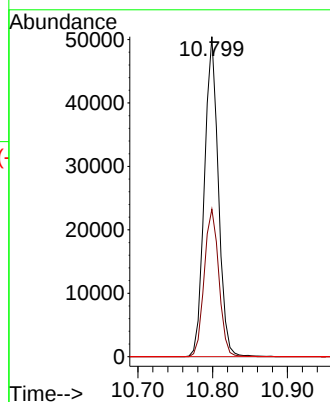
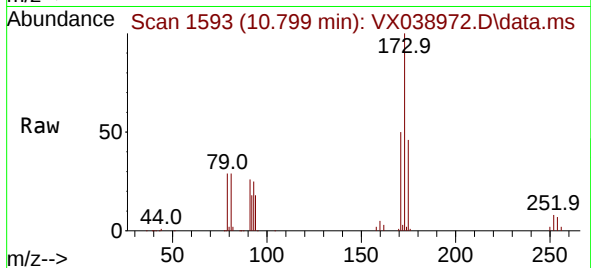
Tgt Ion:173 Resp: 65264
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

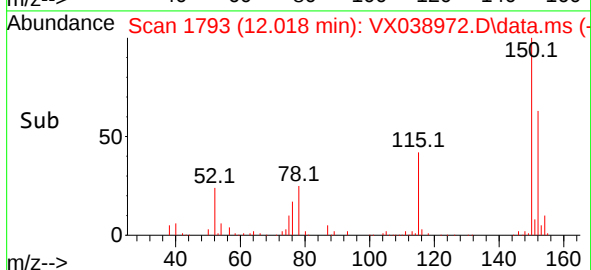
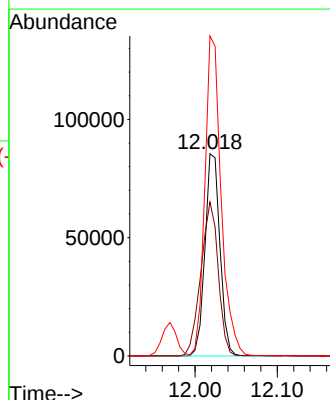
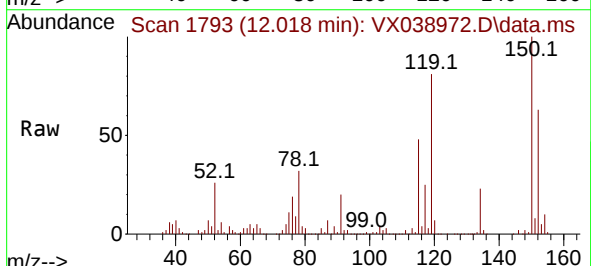
RT: 12.018 min Scan# 1793

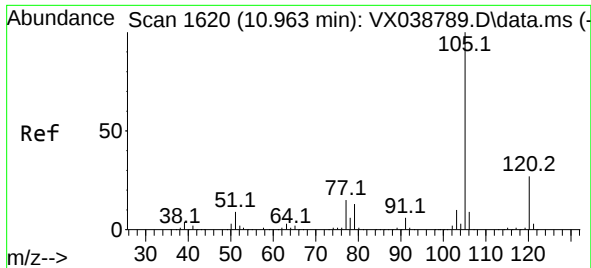
Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Tgt Ion:152 Resp: 108235
 Ion Ratio Lower Upper
 152 100
 115 88.3 43.3 129.9
 150 171.6 0.0 345.0





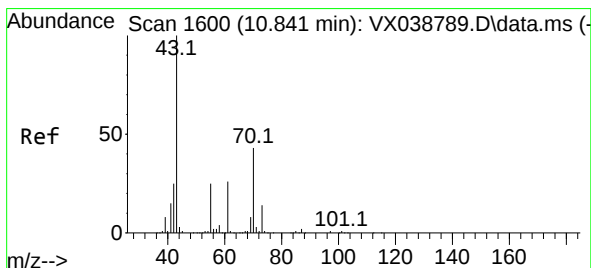
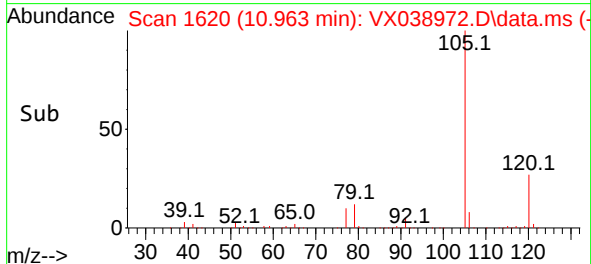
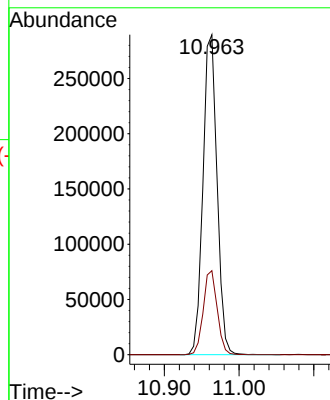
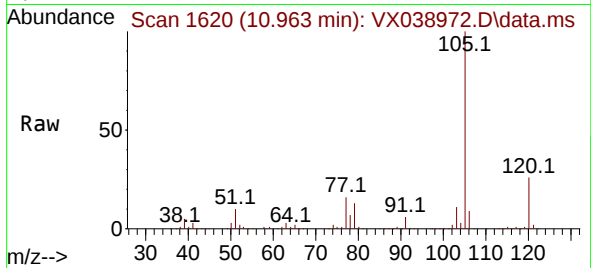
#73
Isopropylbenzene
Concen: 44.906 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 37869
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

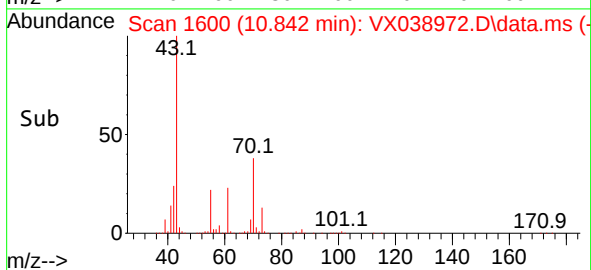
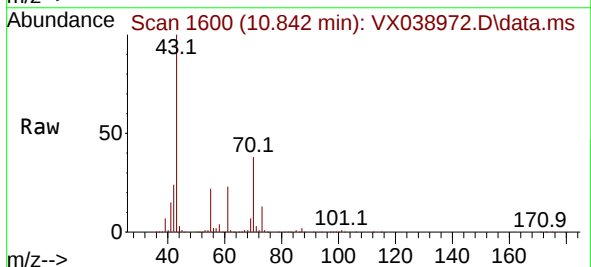
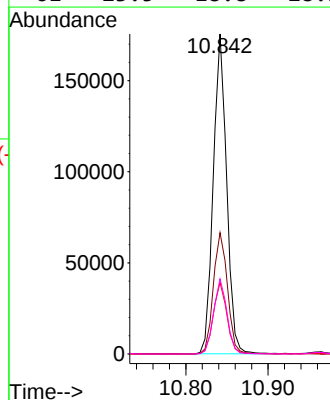
Manual Integrations
APPROVED

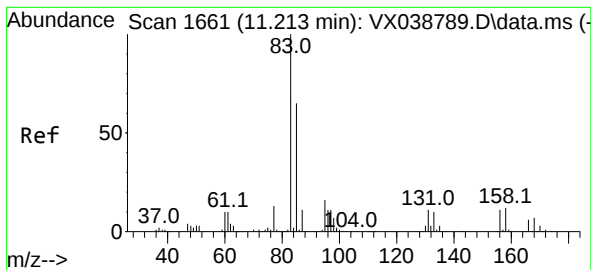
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
N-ethyl acetate
Concen: 44.503 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

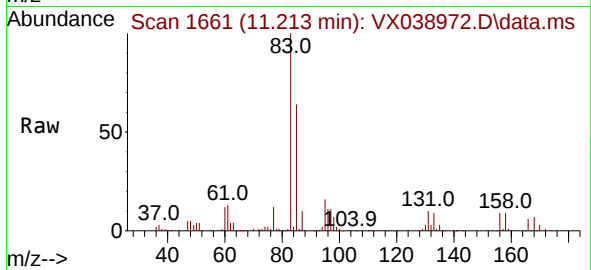
Tgt Ion: 43 Resp: 198390
Ion Ratio Lower Upper
43 100
70 40.0 32.9 49.3
55 22.7 19.3 28.9
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.080 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

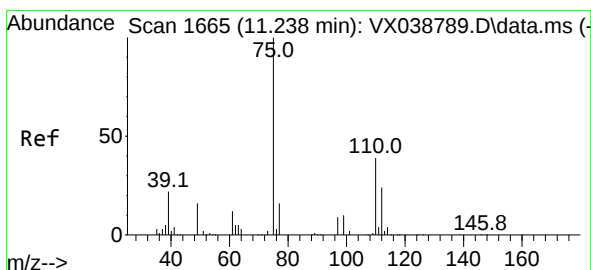
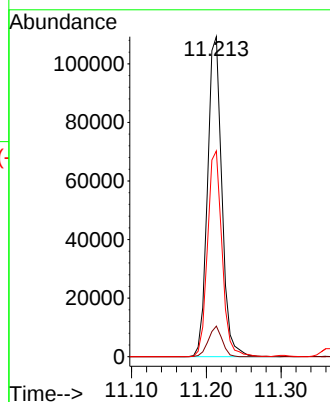
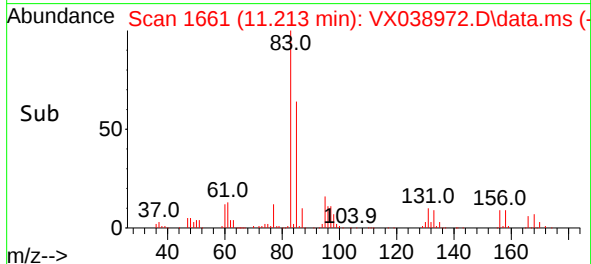
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 145108
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.9 32.0 96.2

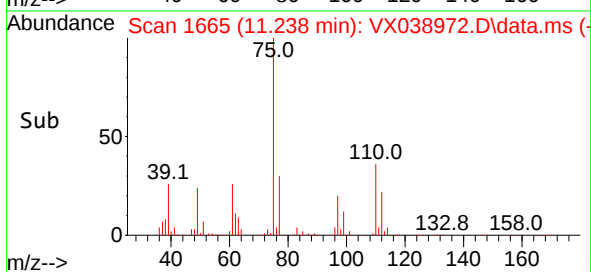
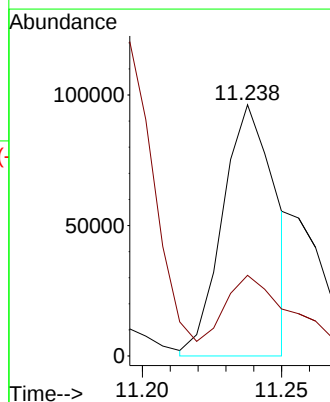
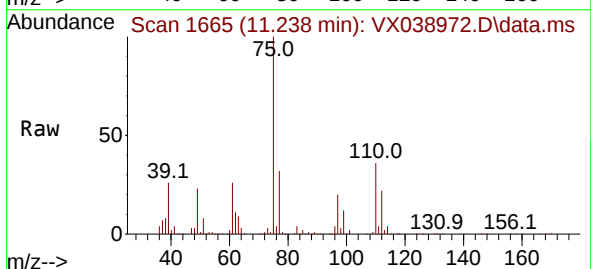
Manual Integrations
APPROVED

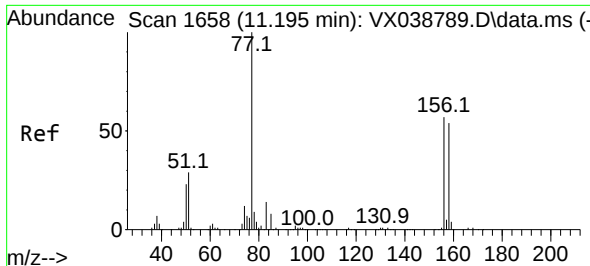
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#76
1,2,3-Trichloropropane
Concen: 46.709 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

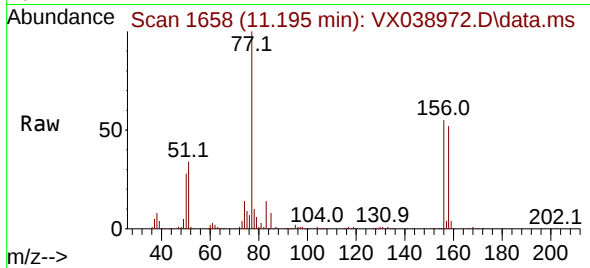
Tgt Ion: 75 Resp: 126135
Ion Ratio Lower Upper
75 100
77 43.0 19.1 57.5





#77
Bromobenzene
Concen: 45.456 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

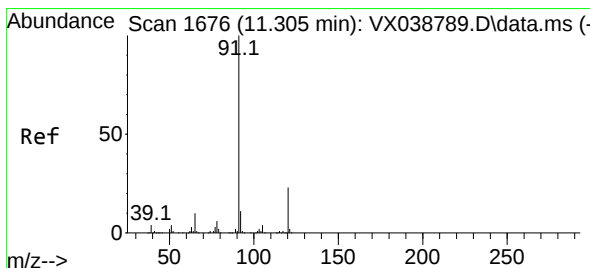
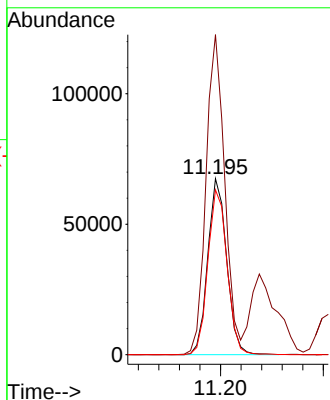
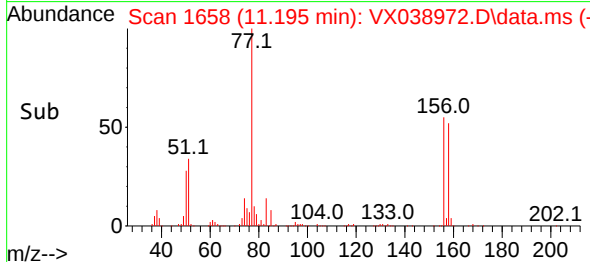
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 86134
Ion Ratio Lower Upper
156 100
77 179.7 88.4 265.3
158 95.3 48.0 144.0

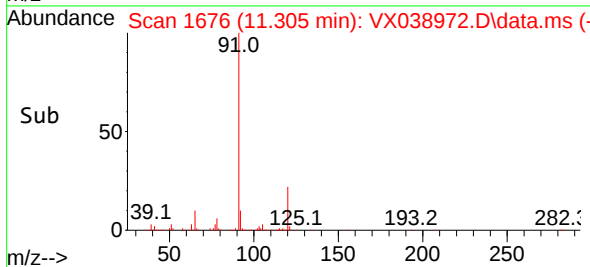
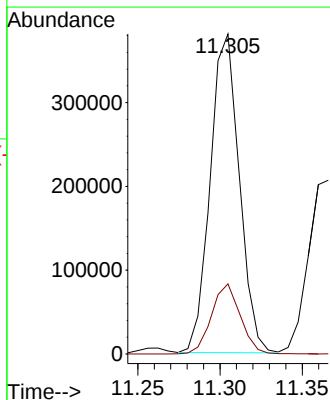
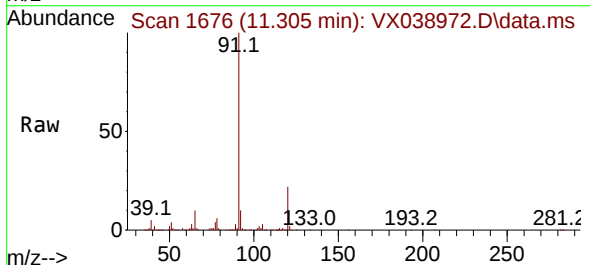
Manual Integrations
APPROVED

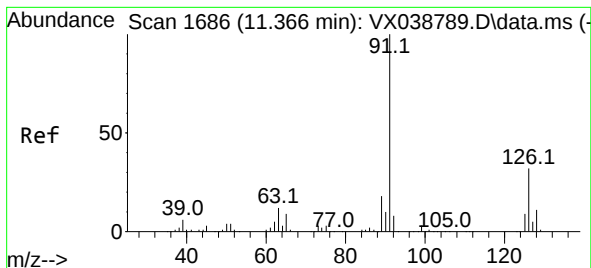
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#78
n-propylbenzene
Concen: 45.091 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Tgt Ion: 91 Resp: 468049
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 44.223 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 272420

Ion Ratio Lower Upper

91 100

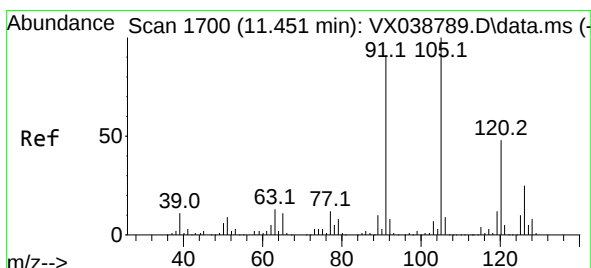
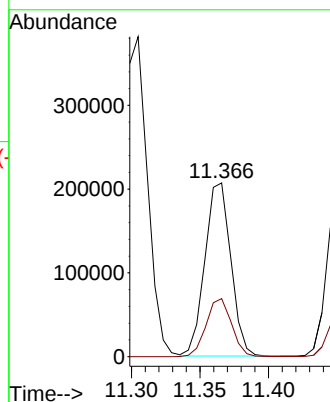
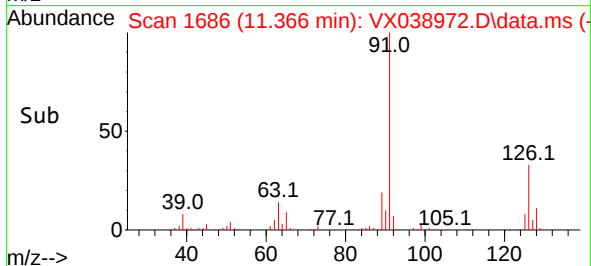
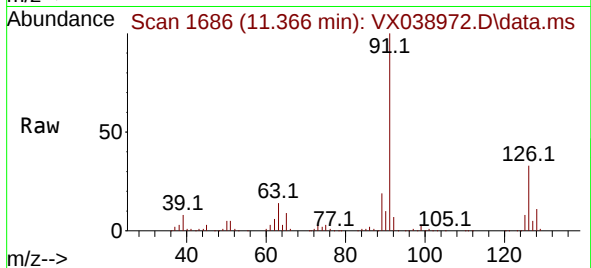
126 33.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 46.319 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038972.D

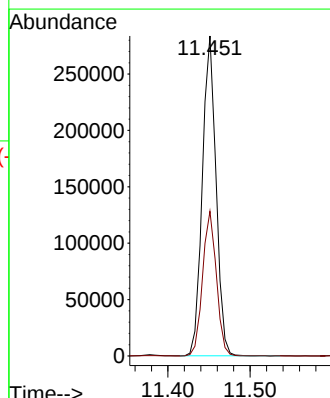
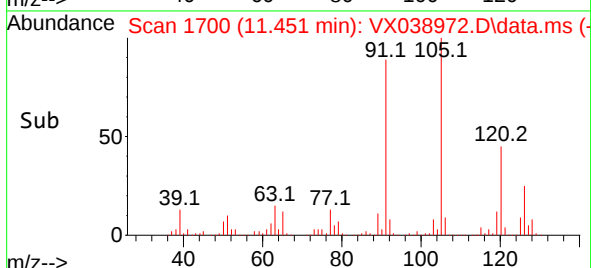
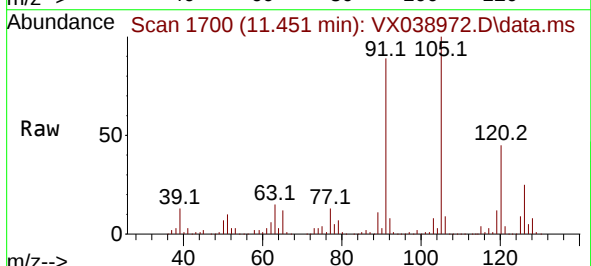
Acq: 20 Nov 2023 20:26

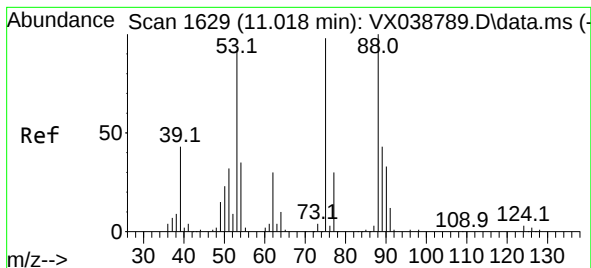
Tgt Ion:105 Resp: 328429

Ion Ratio Lower Upper

105 100

120 45.5 24.1 72.3





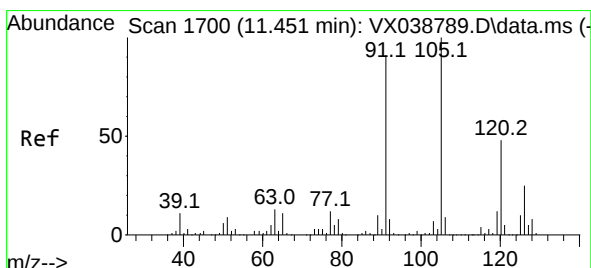
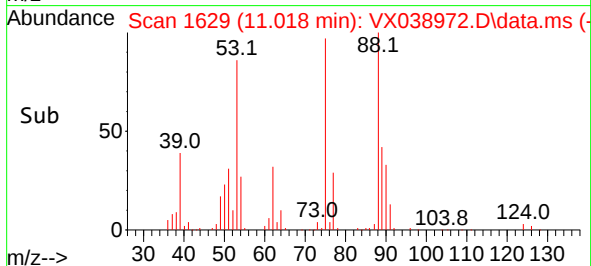
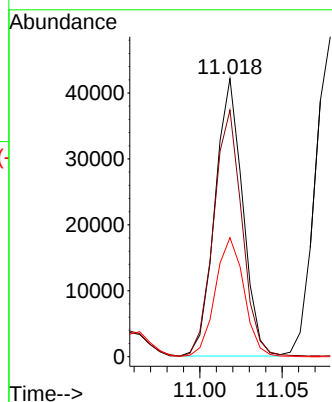
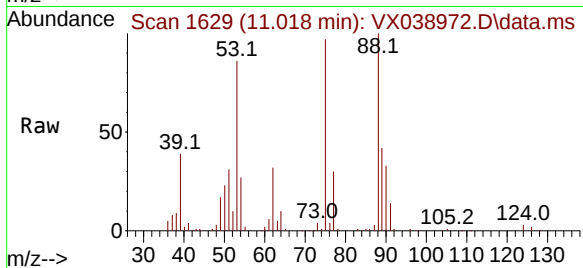
#81
trans-1,4-Dichloro-2-butene
Concen: 40.373 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 49152
Ion Ratio Lower Upper
75 100
53 91.9 90.5 135.7
89 44.7 36.9 55.3

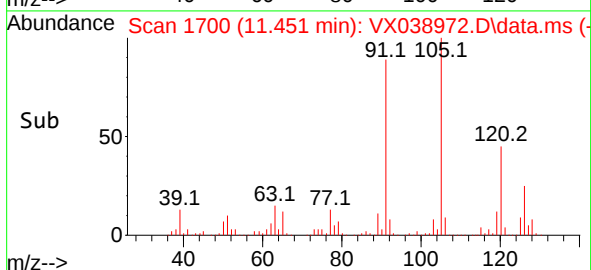
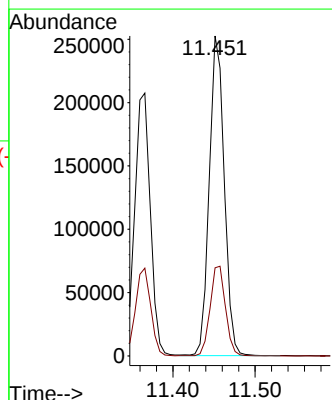
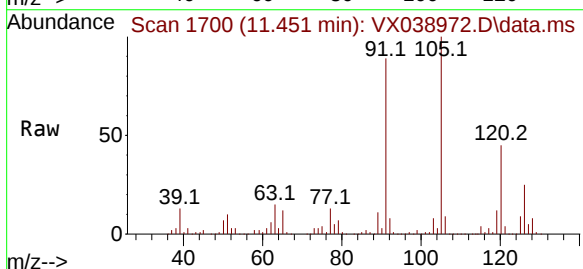
Manual Integrations
APPROVED

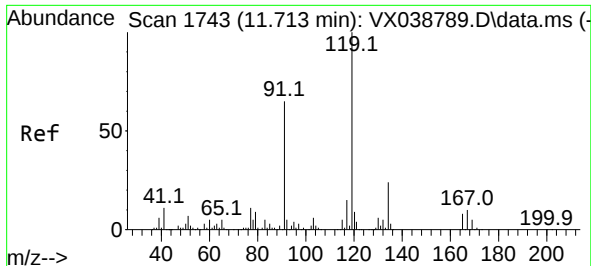
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#82
4-Chlorotoluene
Concen: 45.060 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

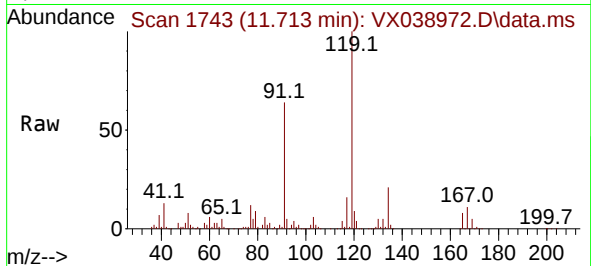
Tgt Ion: 91 Resp: 320065
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.657 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

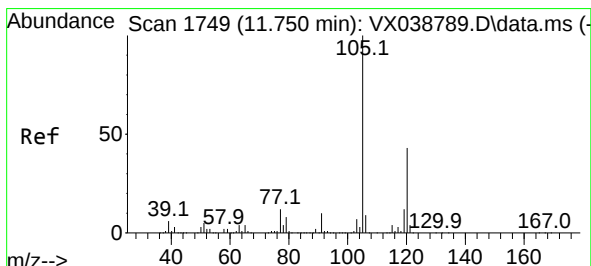
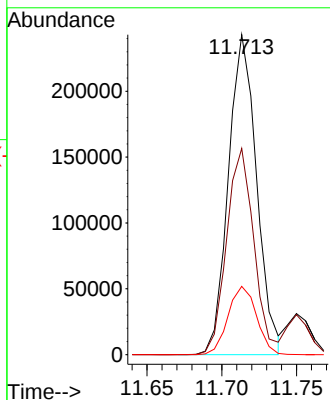
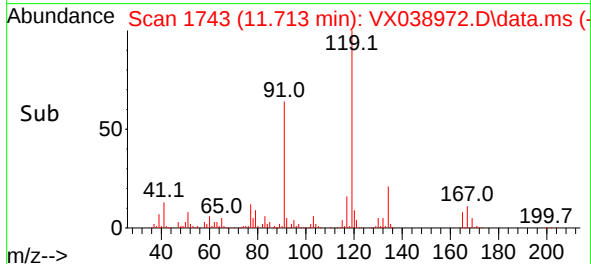
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



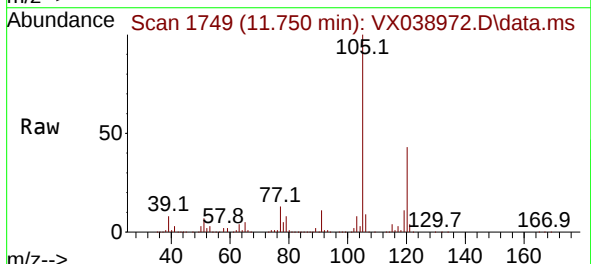
Tgt Ion:119 Resp: 318839
Ion Ratio Lower Upper
119 100
91 62.6 31.2 93.6
134 21.6 11.7 35.0

Manual Integrations
APPROVED

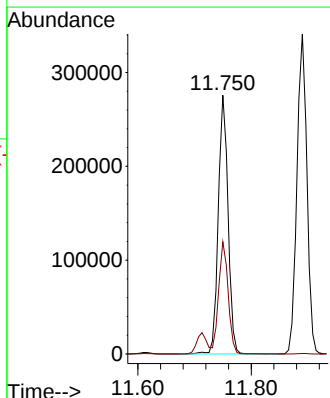
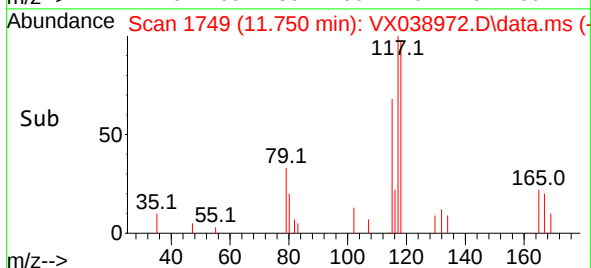
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

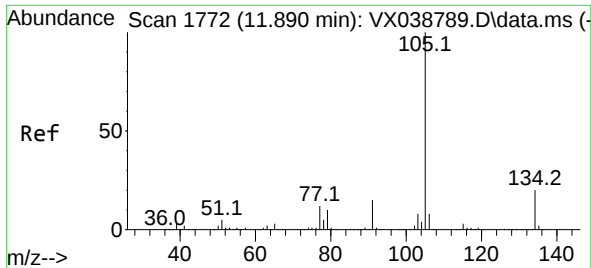


#84
1,2,4-Trimethylbenzene
Concen: 45.737 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



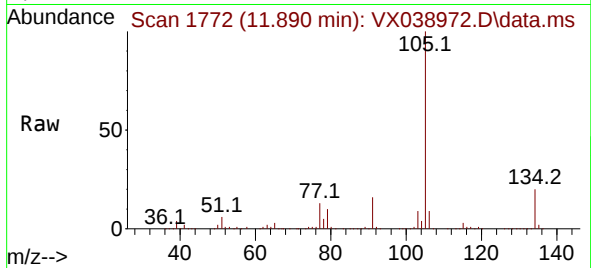
Tgt Ion:105 Resp: 328248
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.458 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26

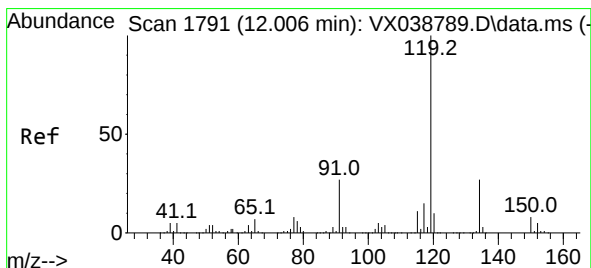
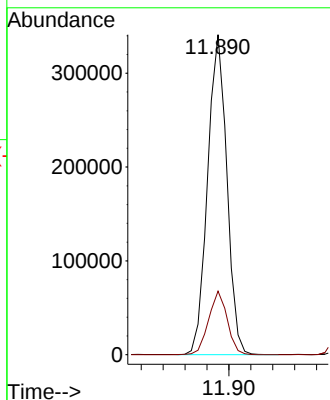
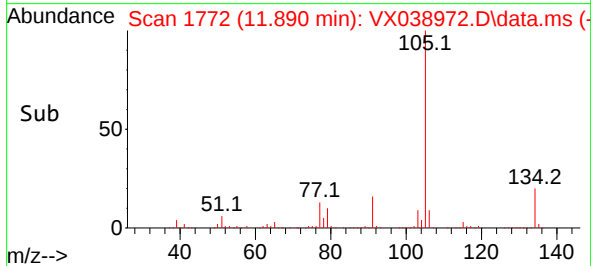
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



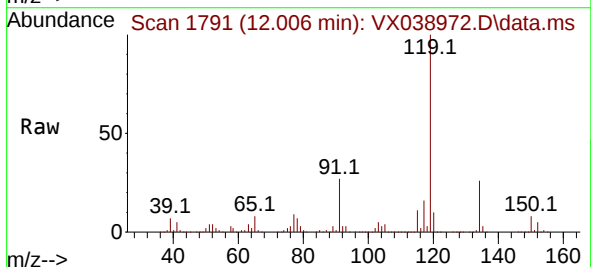
Tgt Ion:105 Resp: 415238
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

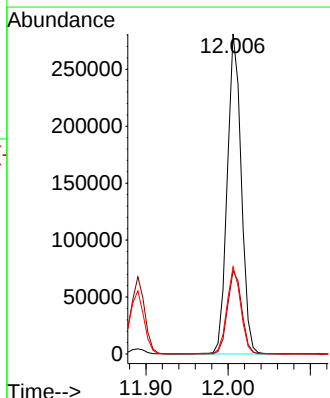
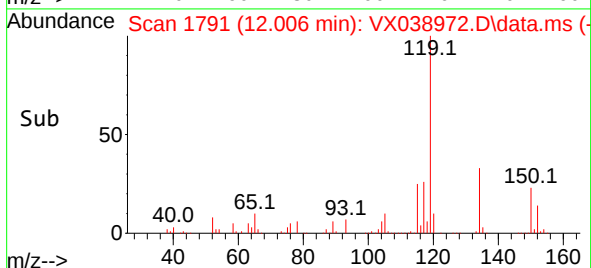
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023

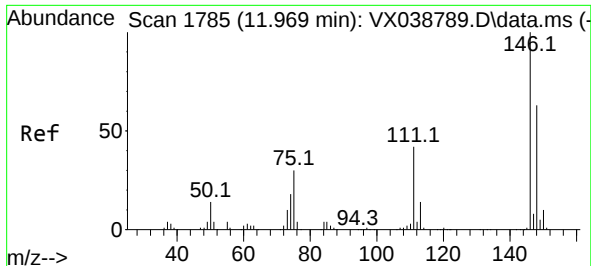


#86
 p-Isopropyltoluene
 Concen: 45.328 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038972.D
 Acq: 20 Nov 2023 20:26



Tgt Ion:119 Resp: 332376
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.644 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038972.D

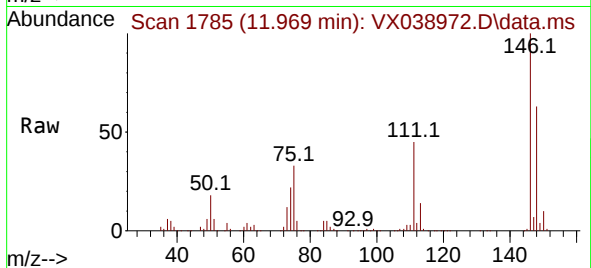
Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 169368

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

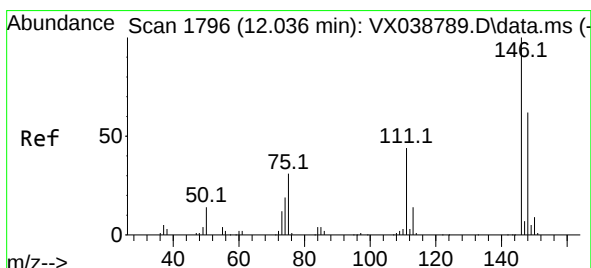
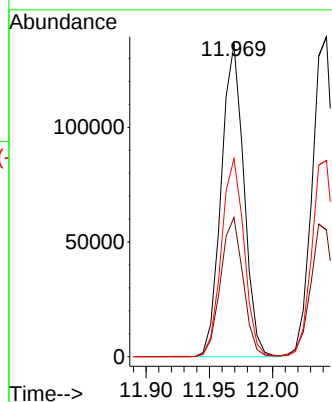
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#88

1,4-Dichlorobenzene

Concen: 45.487 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

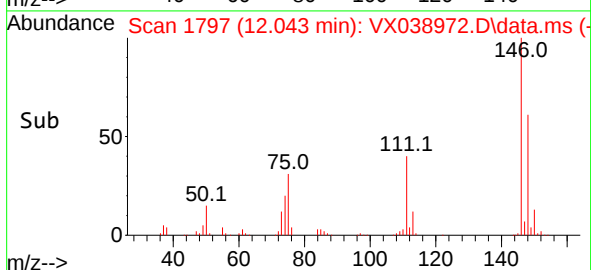
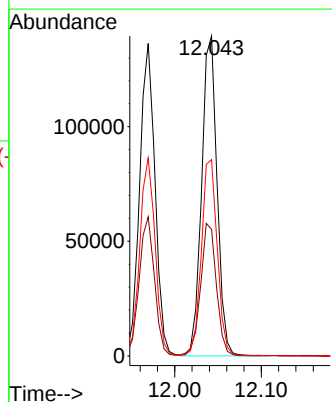
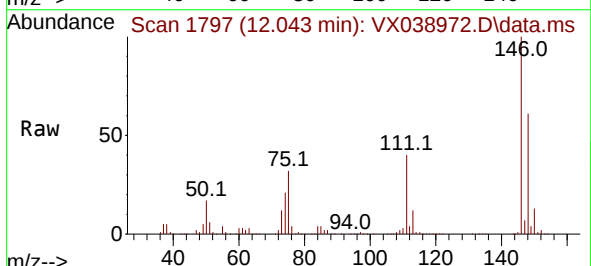
Tgt Ion:146 Resp: 172750

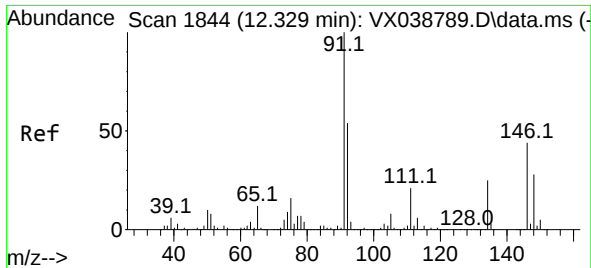
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

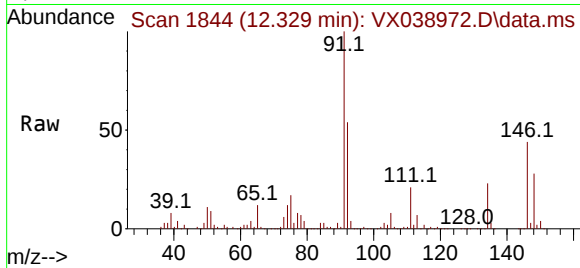
148 63.1 31.8 95.4





#89
n-Butylbenzene
Concen: 43.798 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

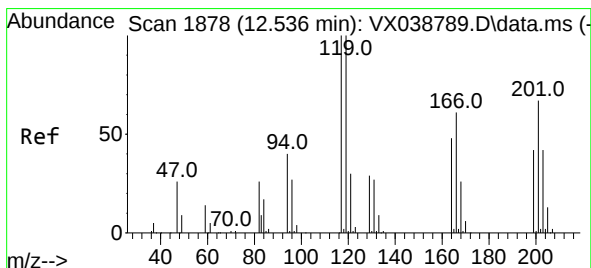
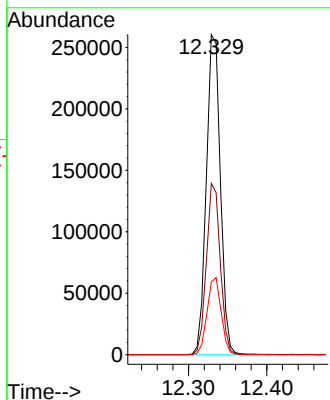
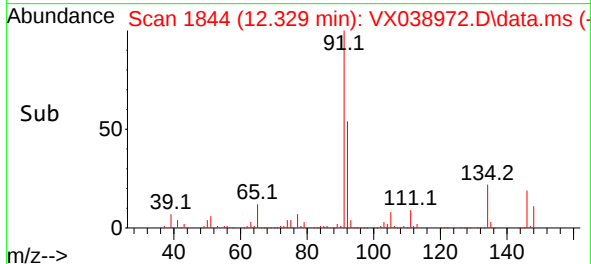
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 32402
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 24.1 12.6 37.8

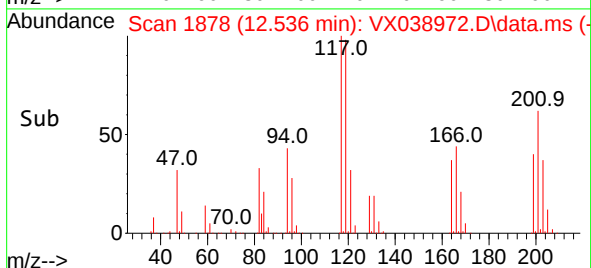
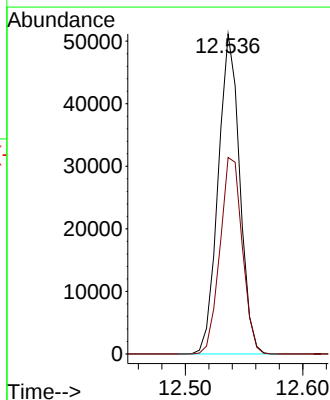
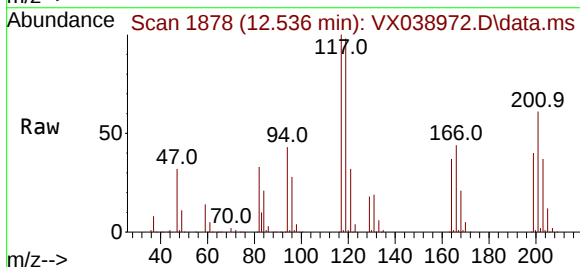
Manual Integrations
APPROVED

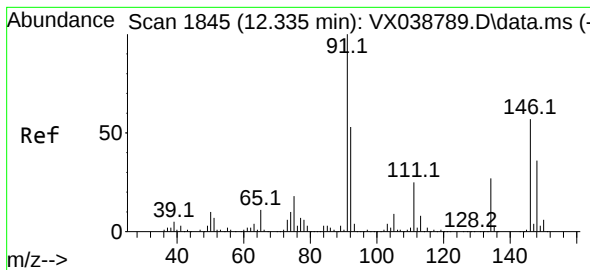
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#90
Hexachloroethane
Concen: 44.512 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

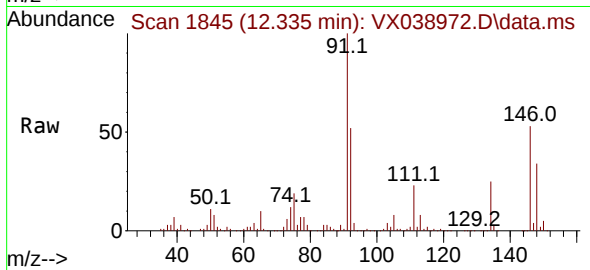
Tgt Ion:117 Resp: 65180
Ion Ratio Lower Upper
117 100
201 63.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.892 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

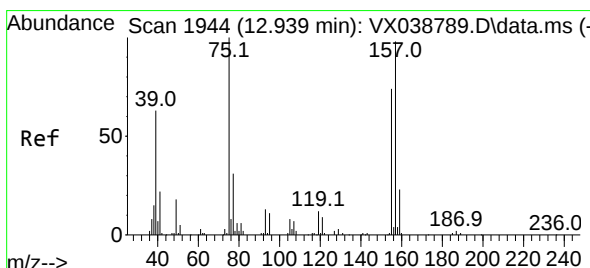
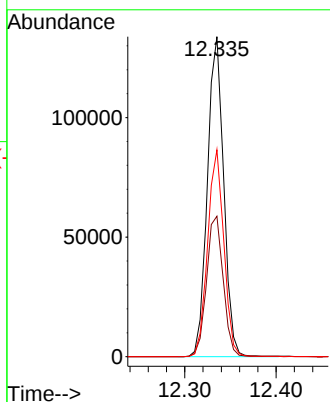
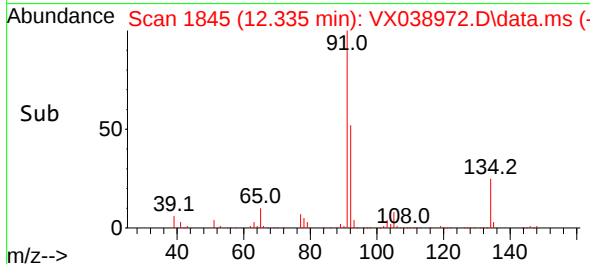
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



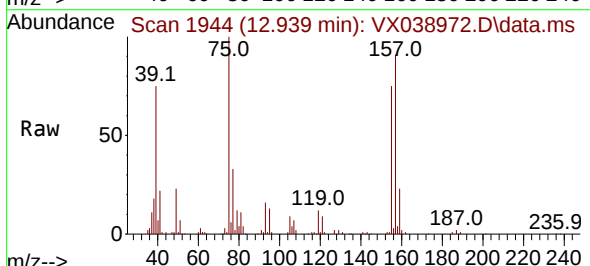
Tgt Ion:146 Resp: 16503
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.0
148 64.4 31.6 95.0

Manual Integrations
APPROVED

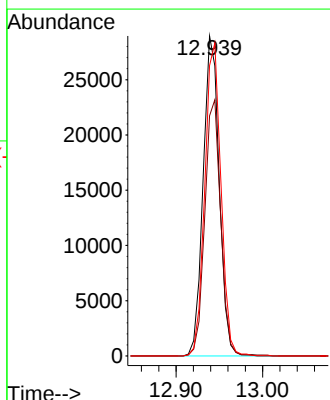
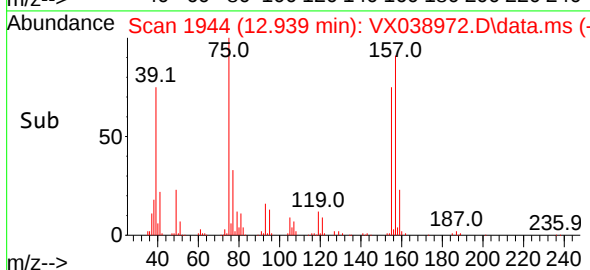
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

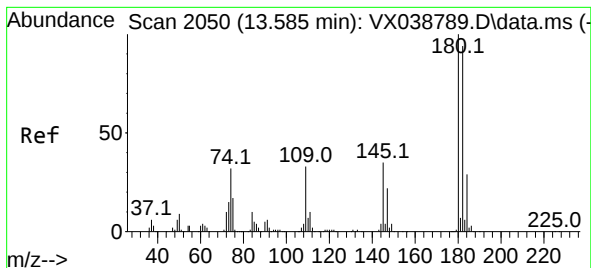


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.416 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



Tgt Ion: 75 Resp: 37436
Ion Ratio Lower Upper
75 100
155 78.9 36.1 108.5
157 98.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 45.044 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10623

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

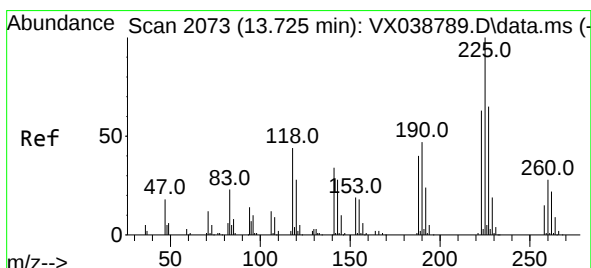
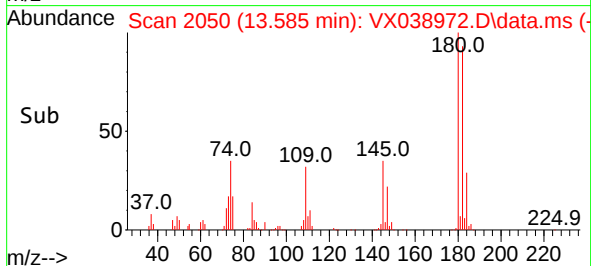
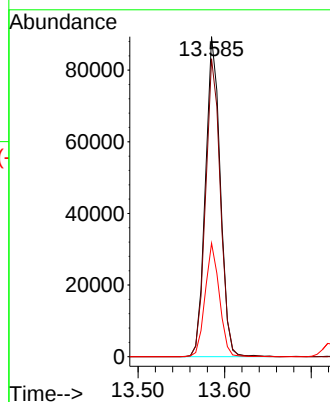
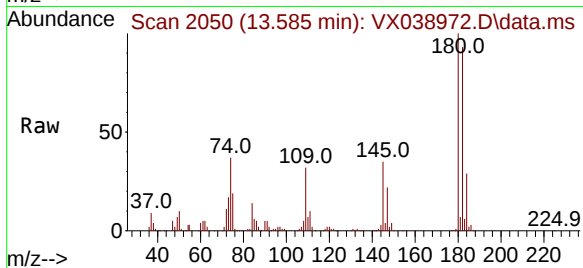
145 34.0 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#94

Hexachlorobutadiene

Concen: 43.917 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038972.D

Acq: 20 Nov 2023 20:26

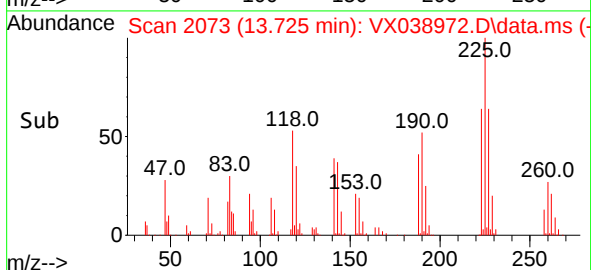
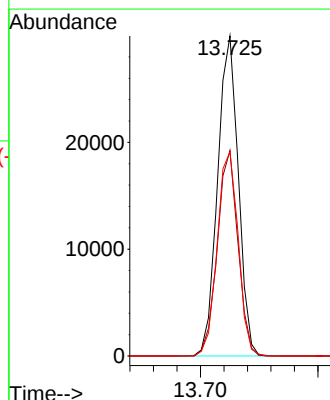
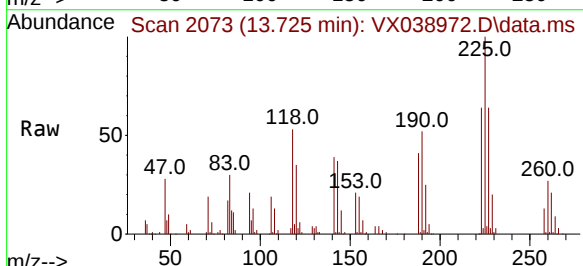
Tgt Ion:225 Resp: 36679

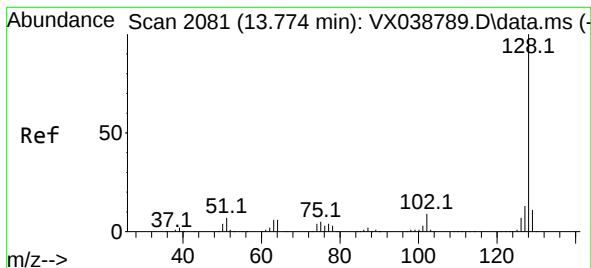
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

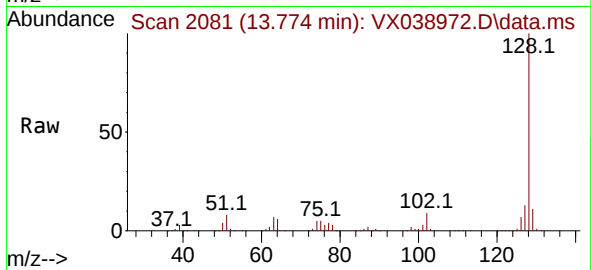
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 44.770 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26

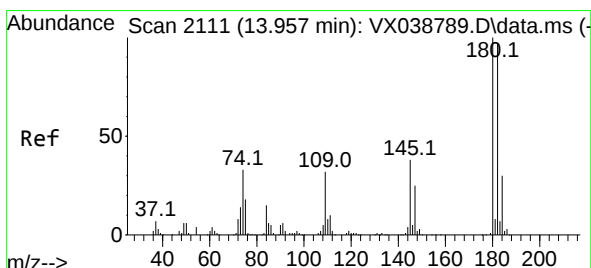
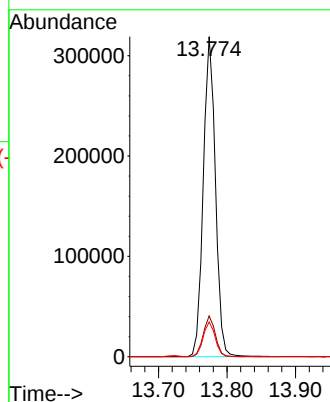
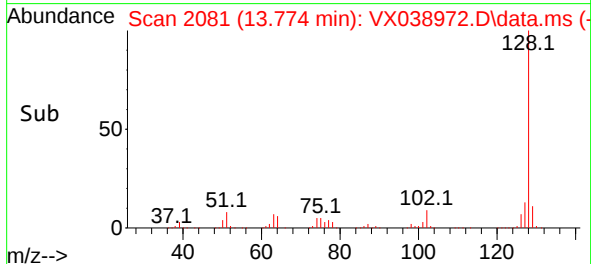
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



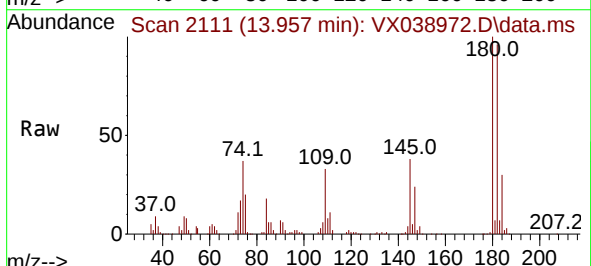
Tgt Ion:128 Resp: 393240
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.945 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038972.D
Acq: 20 Nov 2023 20:26



Tgt Ion:180 Resp: 102717
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 36.2 17.8 53.5

