

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038718.D
 Acq On : 10 Nov 2023 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 01:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	306040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	459640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180695	47.425	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.860%		
35) Dibromofluoromethane	5.385	113	168637	50.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	8.647	98	595210	50.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.500%		
62) 4-Bromofluorobenzene	11.079	95	239625	52.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	164612	51.794	ug/l	99
3) Chloromethane	1.295	50	124706	45.397	ug/l	97
4) Vinyl Chloride	1.374	62	143801	49.173	ug/l	98
5) Bromomethane	1.599	94	103940	46.049	ug/l	98
6) Chloroethane	1.685	64	89485	48.327	ug/l	95
7) Trichlorofluoromethane	1.886	101	266374	52.834	ug/l	99
8) Diethyl Ether	2.130	74	84775	48.983	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	155668	52.219	ug/l	89
10) Methyl Iodide	2.453	142	200755	54.529	ug/l	91
11) Tert butyl alcohol	2.959	59	189384	243.148	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	143326	50.182	ug/l	# 79
13) Acrolein	2.233	56	130210	220.570	ug/l	99
14) Allyl chloride	2.660	41	193824	47.380	ug/l	# 93
15) Acrylonitrile	3.062	53	406284	247.167	ug/l	99
16) Acetone	2.374	43	481068	299.802	ug/l	90
17) Carbon Disulfide	2.508	76	357195	47.067	ug/l	100
18) Methyl Acetate	2.703	43	331685	48.518	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	457860	50.130	ug/l	96
20) Methylene Chloride	2.788	84	157721	48.759	ug/l	# 81
21) trans-1,2-Dichloroethene	3.093	96	155992	50.168	ug/l	# 81
22) Diisopropyl ether	3.757	45	379252	49.189	ug/l	# 87
23) Vinyl Acetate	3.721	43	1366115	249.632	ug/l	# 91
24) 1,1-Dichloroethane	3.605	63	249020	48.818	ug/l	98
25) 2-Butanone	4.550	43	605434	260.459	ug/l	# 85
26) 2,2-Dichloropropane	4.477	77	219610	49.308	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	179536	50.001	ug/l	84
28) Bromochloromethane	4.898	49	117679	51.334	ug/l	# 52
29) Tetrahydrofuran	4.995	42	345736	239.059	ug/l	# 79
30) Chloroform	5.093	83	289007	48.288	ug/l	96
31) Cyclohexane	5.464	56	206910	49.068	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	265756	50.456	ug/l	95
36) 1,1-Dichloropropene	5.690	75	208412	50.681	ug/l	94
37) Ethyl Acetate	4.709	43	202691	48.277	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	239867	52.177	ug/l	98
39) Methylcyclohexane	7.379	83	264522	51.449	ug/l	88
40) Benzene	6.038	78	595209	50.252	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106499	49.789	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	215065	50.323	ug/l	95
43) Isopropyl Acetate	6.336	43	312890	48.474	ug/l #	91
44) Trichloroethene	7.123	130	189783	51.498	ug/l	90
45) 1,2-Dichloropropane	7.428	63	144094	50.325	ug/l	100
46) Dibromomethane	7.580	93	120088	50.151	ug/l #	85
47) Bromodichloromethane	7.818	83	224105	49.765	ug/l	99
48) Methyl methacrylate	7.690	41	155262	49.912	ug/l #	84
49) 1,4-Dioxane	7.653	88	77148	1089.423	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	1055127	250.892	ug/l	91
52) Toluene	8.714	92	399522	51.491	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	238181	51.951	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	251693	52.003	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	170801	51.881	ug/l	98
56) Ethyl methacrylate	9.116	69	244935	53.176	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	263081	51.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	575021	253.908	ug/l #	89
59) 2-Hexanone	9.427	43	870261	255.746	ug/l	88
60) Dibromochloromethane	9.519	129	194727	52.691	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192432	52.009	ug/l	100
64) Tetrachloroethene	9.275	164	166063	50.237	ug/l	95
65) Chlorobenzene	10.080	112	470180	52.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	178666	52.868	ug/l	99
67) Ethyl Benzene	10.195	91	794853	52.271	ug/l	97
68) m/p-Xylenes	10.299	106	638810	105.848	ug/l	94
69) o-Xylene	10.640	106	309461	52.728	ug/l	96
70) Styrene	10.653	104	519104	53.592	ug/l	95
71) Bromoform	10.799	173	158494	53.135	ug/l #	99
73) Isopropylbenzene	10.964	105	818478	50.930	ug/l	97
74) N-amyl acetate	10.842	43	277001	49.608	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	274033	49.324	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	260532m	50.219	ug/l	
77) Bromobenzene	11.195	156	221103	50.131	ug/l	81
78) n-propylbenzene	11.305	91	953732	50.999	ug/l	97
79) 2-Chlorotoluene	11.366	91	563972	50.371	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	713806	51.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79927	48.368	ug/l	84
82) 4-Chlorotoluene	11.451	91	666161	50.930	ug/l	92
83) tert-Butylbenzene	11.713	119	718418	51.261	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	719651	52.460	ug/l	96
85) sec-Butylbenzene	11.890	105	896481	51.264	ug/l	96
86) p-Isopropyltoluene	12.006	119	782037	52.496	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	426587	50.589	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	432764	49.930	ug/l	97
89) n-Butylbenzene	12.329	91	685491	51.709	ug/l	96
90) Hexachloroethane	12.536	117	132894	52.665	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	423791	51.461	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69920	50.074	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	311178	52.830	ug/l	97
94) Hexachlorobutadiene	13.725	225	134004	52.723	ug/l	99
95) Naphthalene	13.774	128	931945	52.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	296284	51.033	ug/l	97

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/13/2023

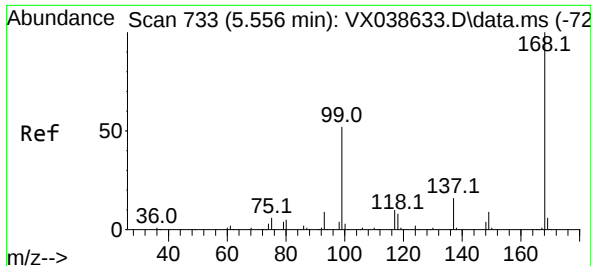
Quant Time: Nov 11 01:49:26 2023
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Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

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

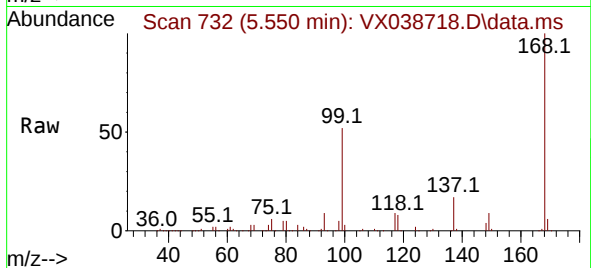
Reviewed By :John Carlone 11/13/2023
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

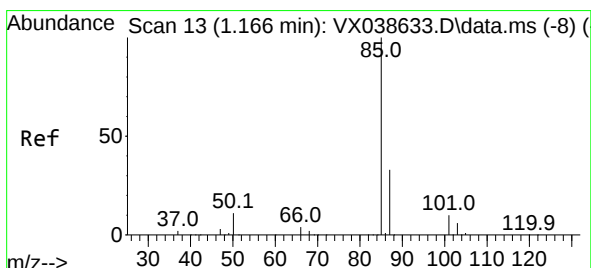
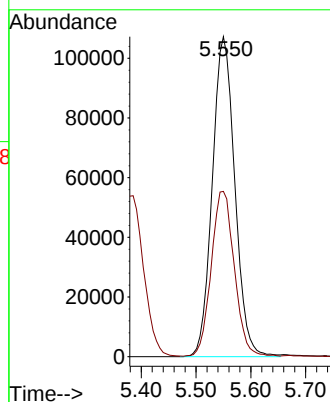
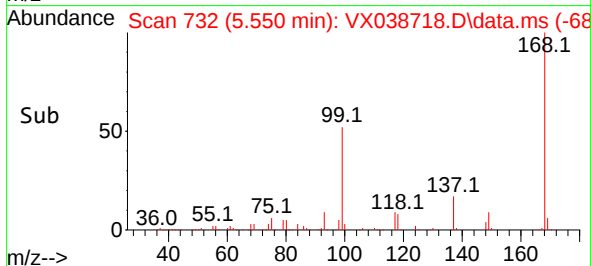
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



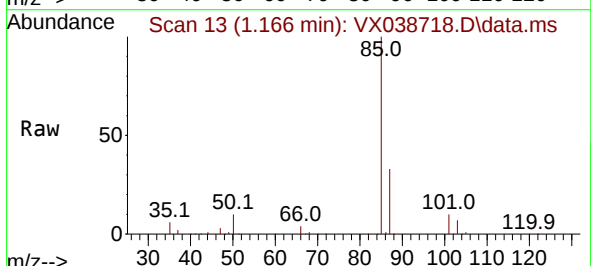
Tgt Ion:168 Resp: 306040
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0

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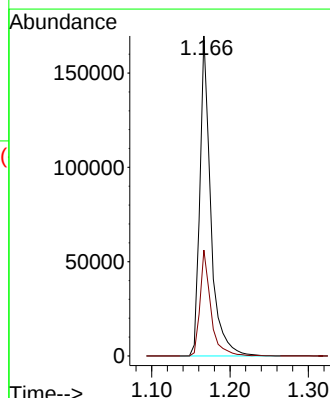
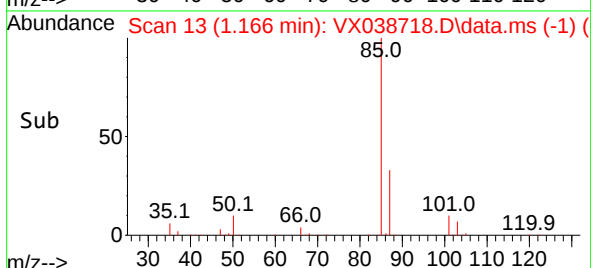
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

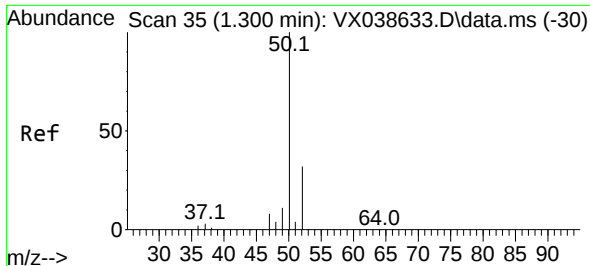


#2
Dichlorodifluoromethane
Concen: 51.794 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



Tgt Ion: 85 Resp: 164612
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





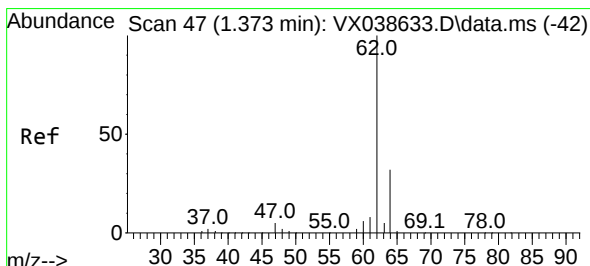
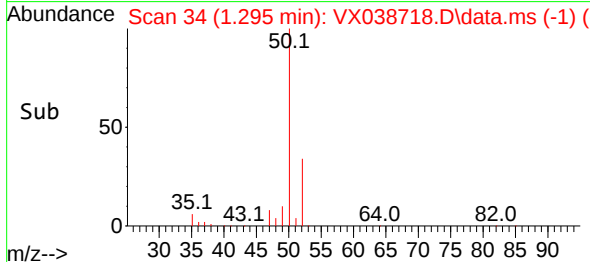
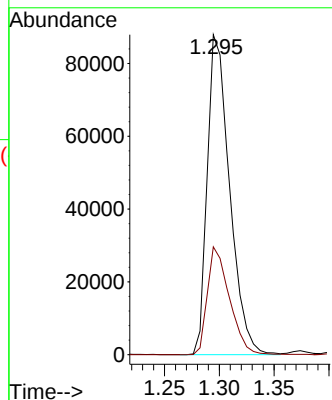
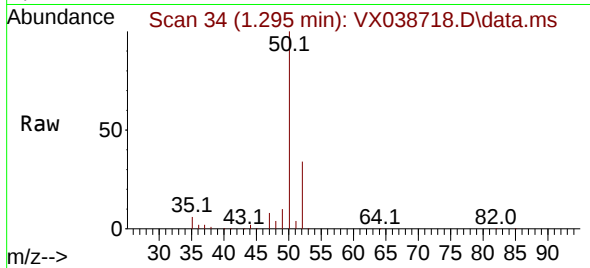
#3
Chloromethane
Concen: 45.397 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 124700
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

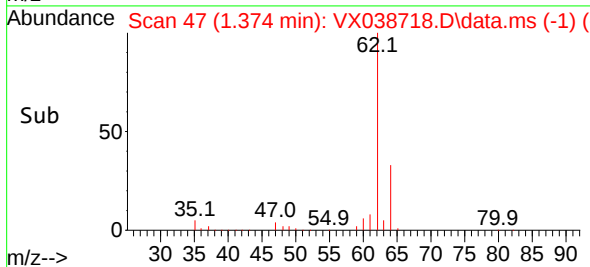
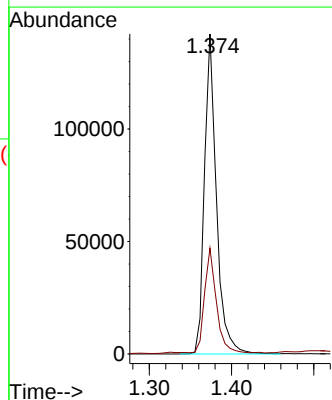
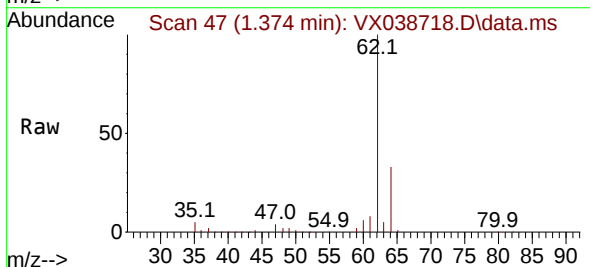
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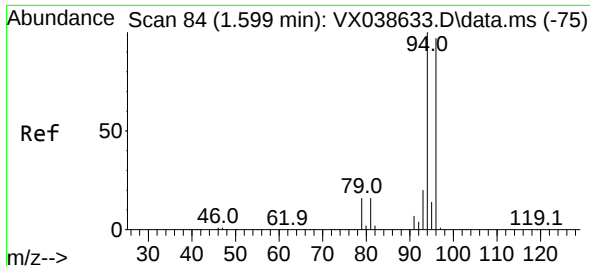
Reviewed By :John Carlone 11/13/2023
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#4
Vinyl Chloride
Concen: 49.173 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

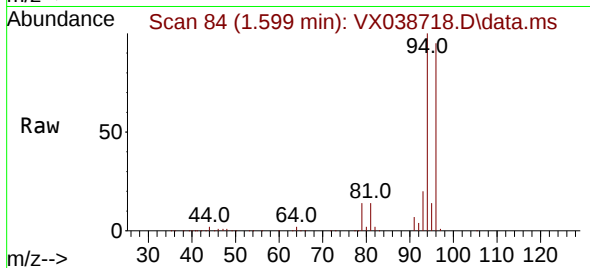
Tgt Ion: 62 Resp: 143801
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 46.049 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

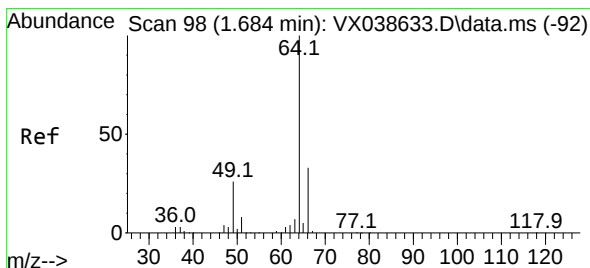
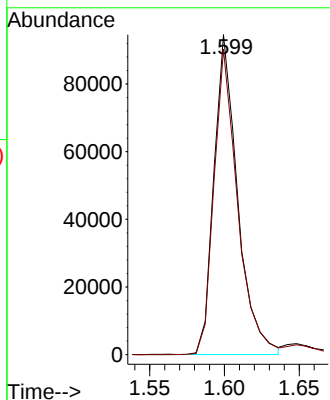
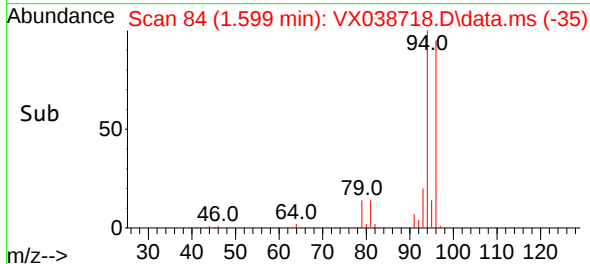
Instrument :
MSVOA_X
ClientSampleId :
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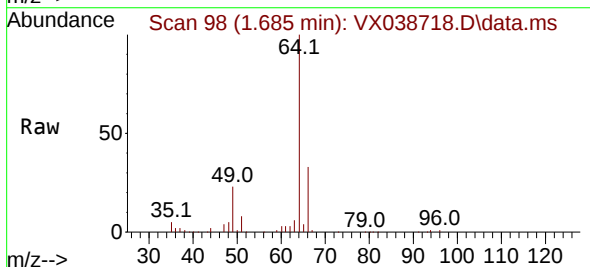
Tgt Ion: 94 Resp: 103940
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

Manual Integrations
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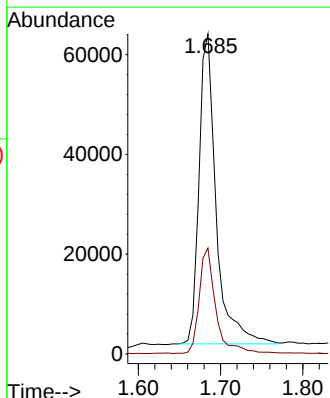
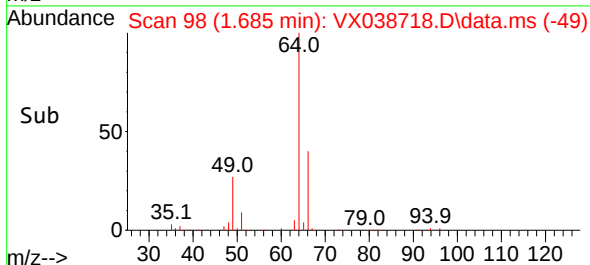
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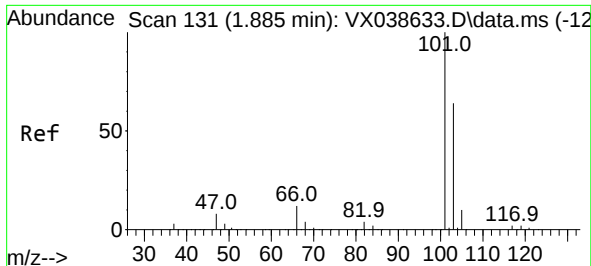


#6
Chloroethane
Concen: 48.327 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038718.D
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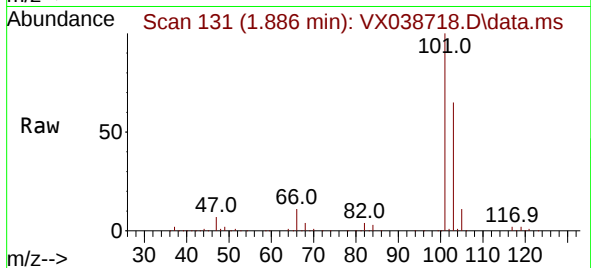
Tgt Ion: 64 Resp: 89485
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 52.834 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35

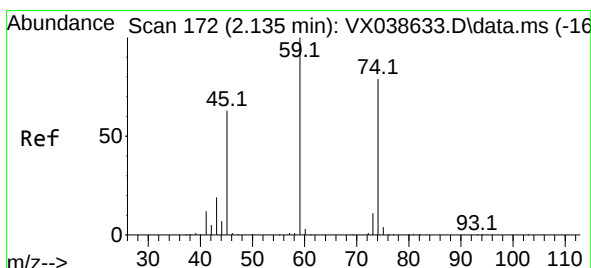
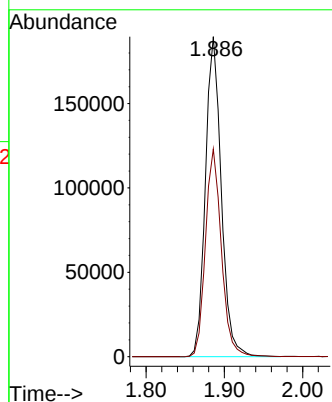
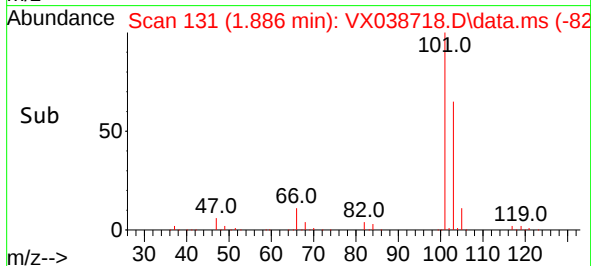
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



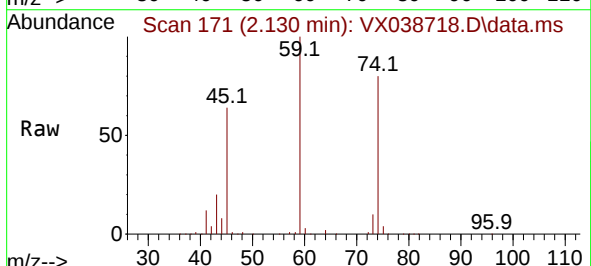
Tgt Ion:101 Resp: 266374
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

Manual Integrations
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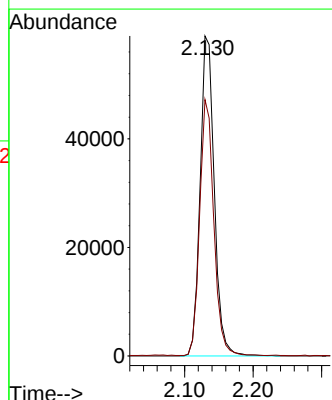
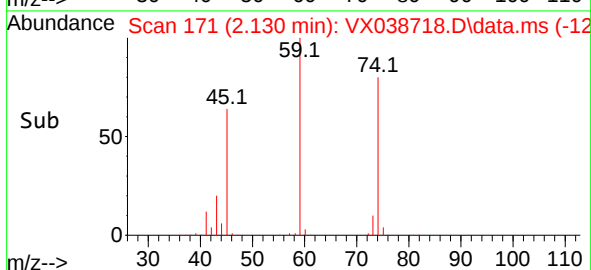
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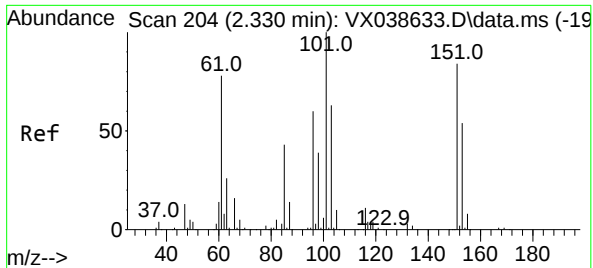


#8
 Diethyl Ether
 Concen: 48.983 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35



Tgt Ion: 74 Resp: 84775
 Ion Ratio Lower Upper
 74 100
 45 79.8 53.3 159.8





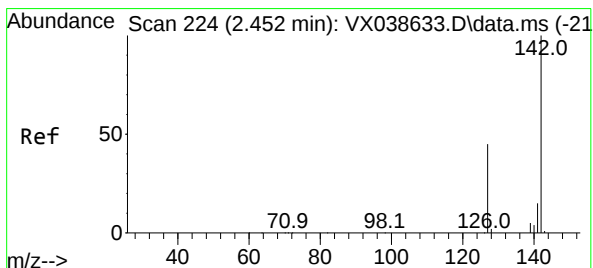
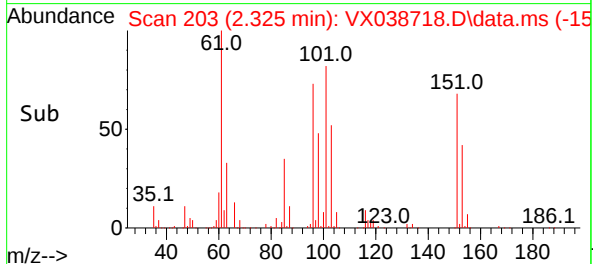
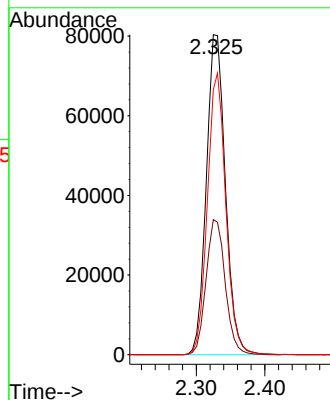
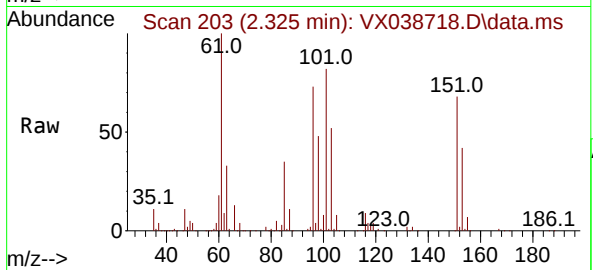
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.219 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 155668
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 85.2 58.6 87.8

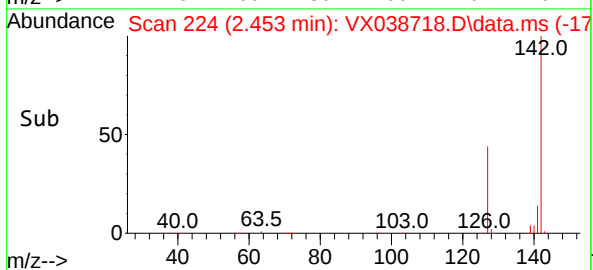
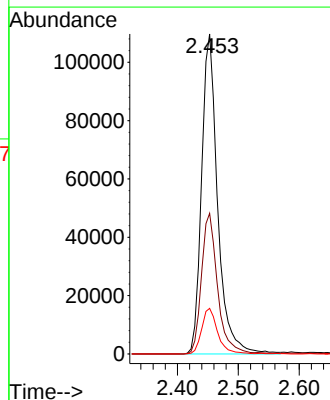
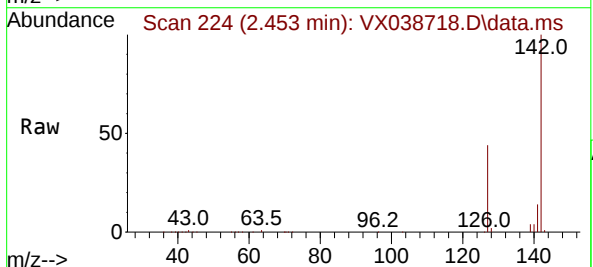
Manual Integrations
APPROVED

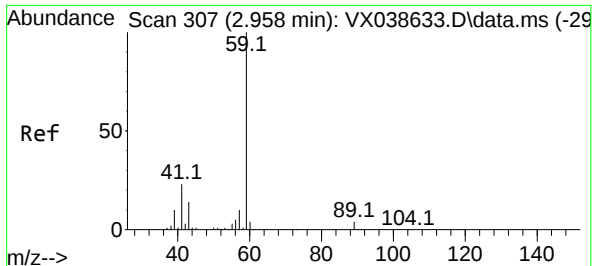
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#10
Methyl Iodide
Concen: 54.529 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion:142 Resp: 200755
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.2 11.6 17.4





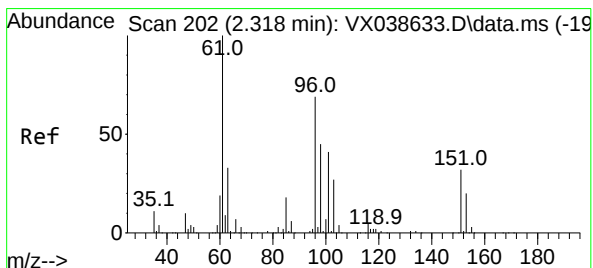
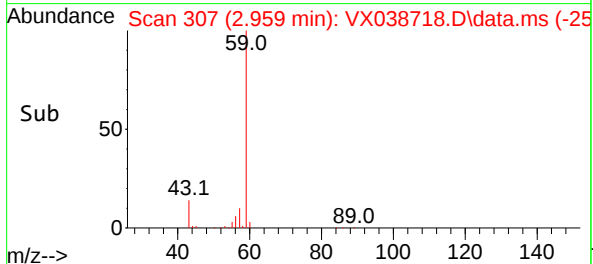
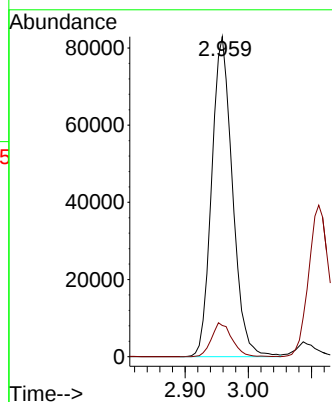
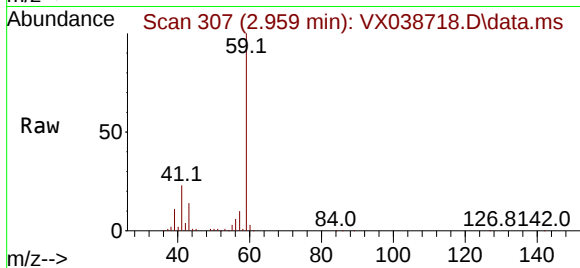
#11
Tert butyl alcohol
Concen: 243.148 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 189384
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

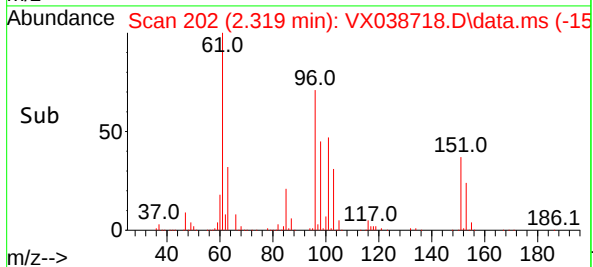
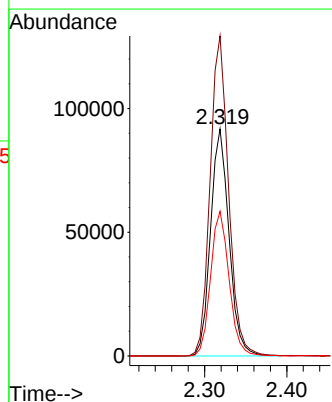
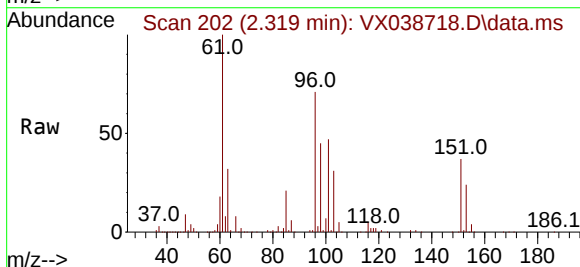
Manual Integrations
APPROVED

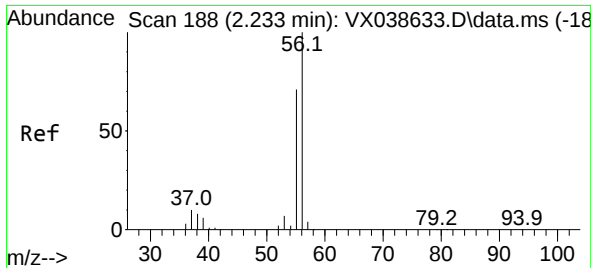
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#12
1,1-Dichloroethene
Concen: 50.182 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

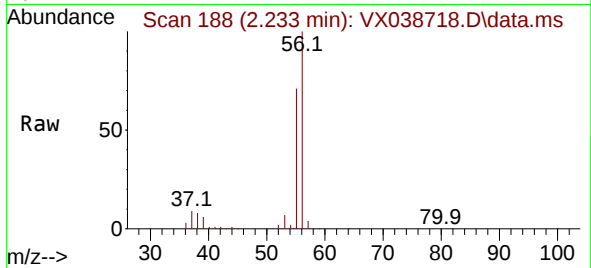
Tgt Ion: 96 Resp: 143326
Ion Ratio Lower Upper
96 100
61 140.9 144.6 216.8#
98 63.7 50.4 75.6





#13
Acrolein
Concen: 220.570 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

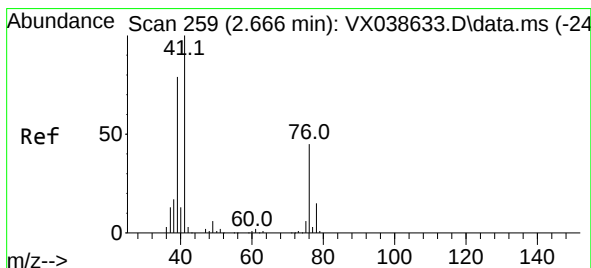
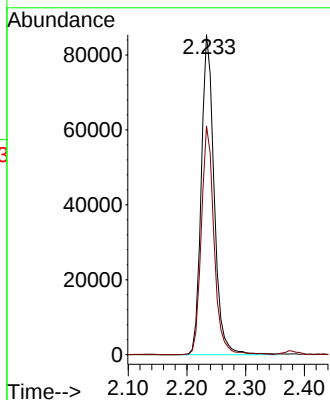
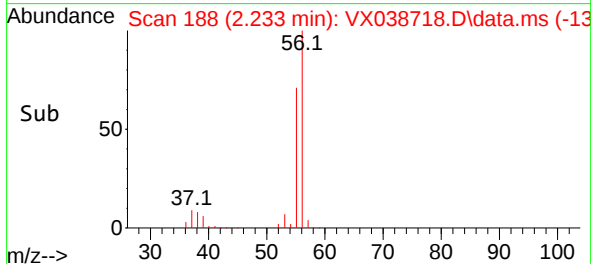
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 130210
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

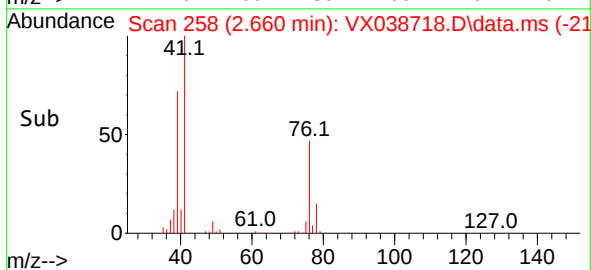
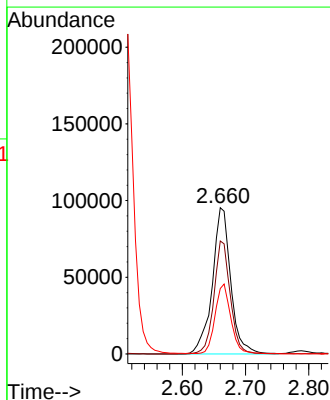
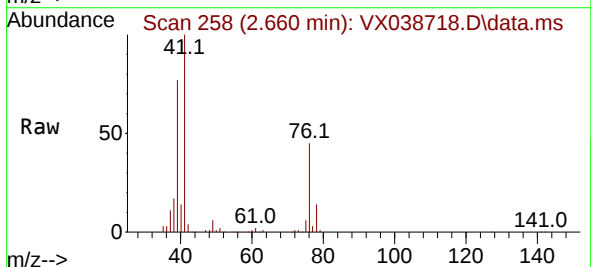
Manual Integrations
APPROVED

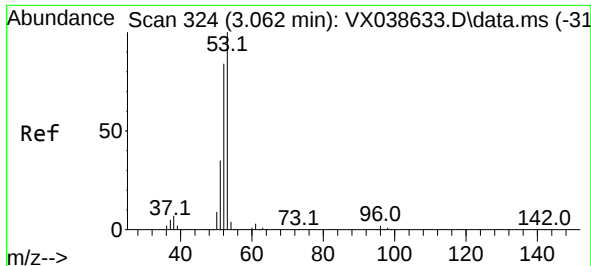
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Allyl chloride
Concen: 47.380 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

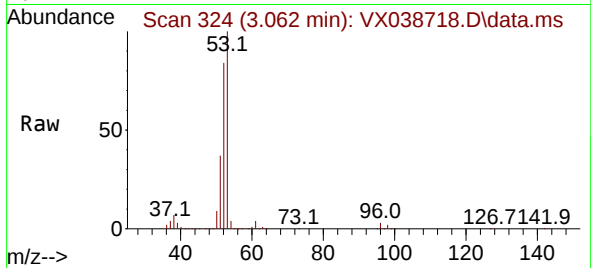
Tgt Ion: 41 Resp: 193824
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 40.5 24.3 36.5





#15
Acrylonitrile
Concen: 247.167 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

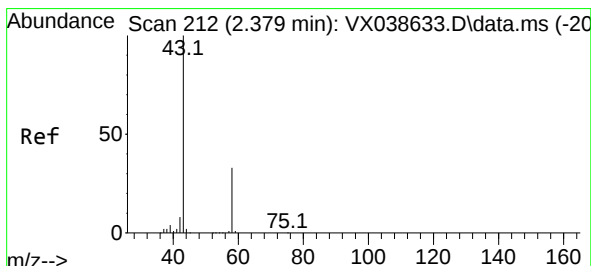
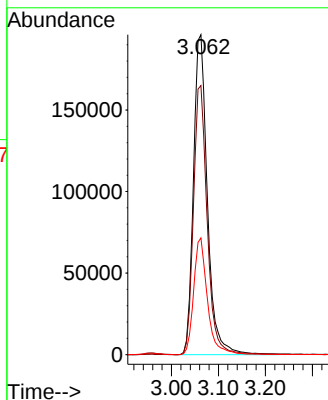
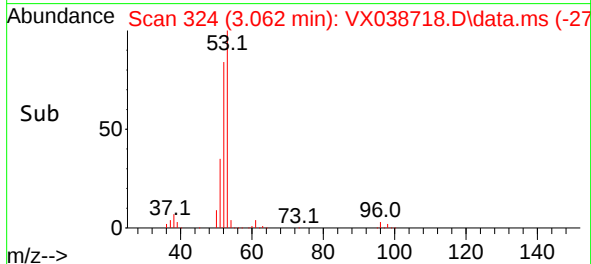
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 406284
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.2 29.8 44.6

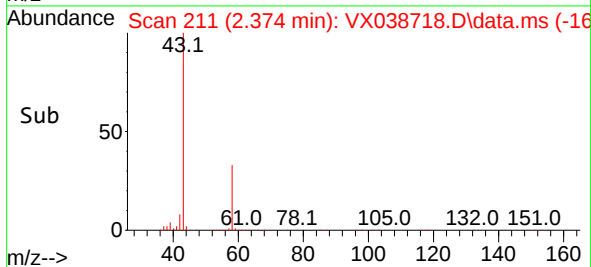
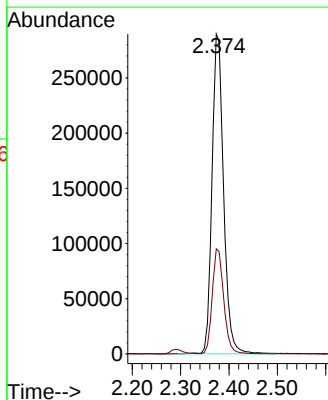
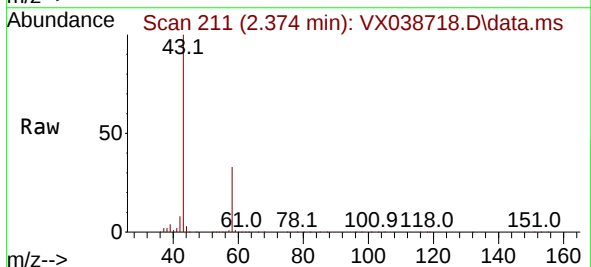
Manual Integrations
APPROVED

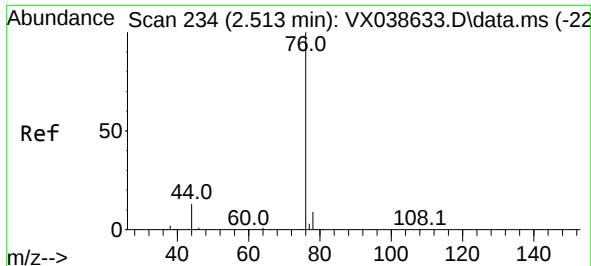
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 299.802 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion: 43 Resp: 481068
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





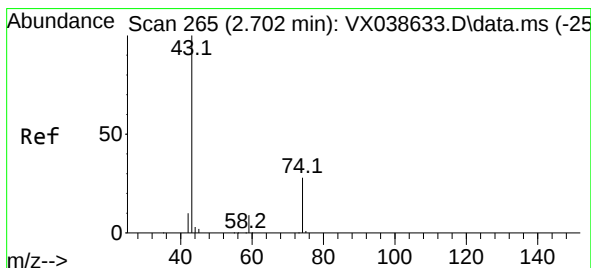
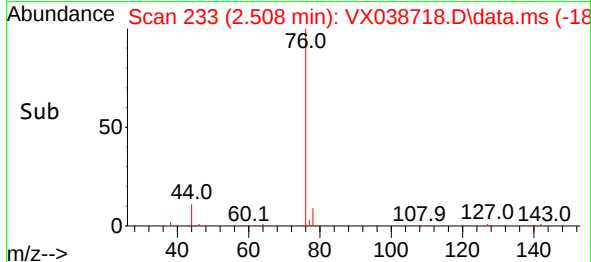
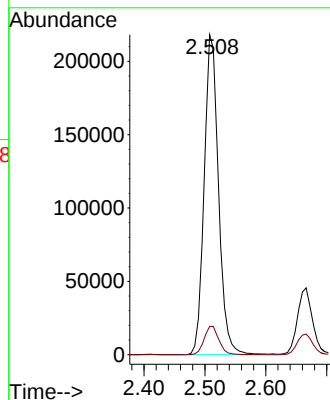
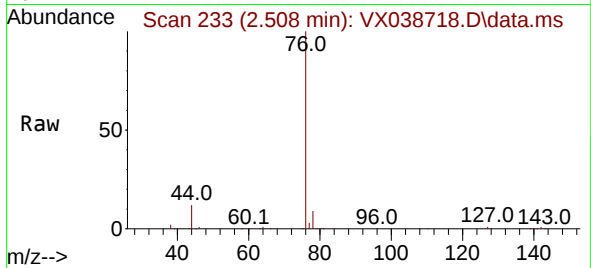
#17
Carbon Disulfide
Concen: 47.067 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 35719
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

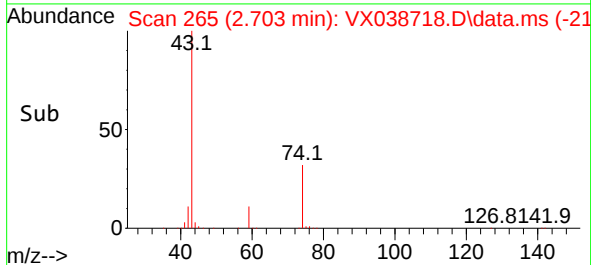
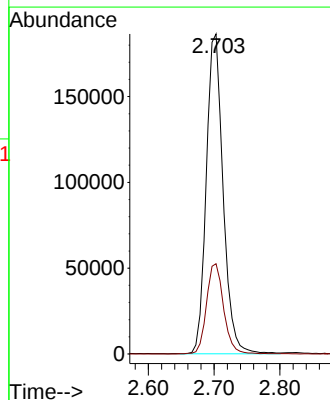
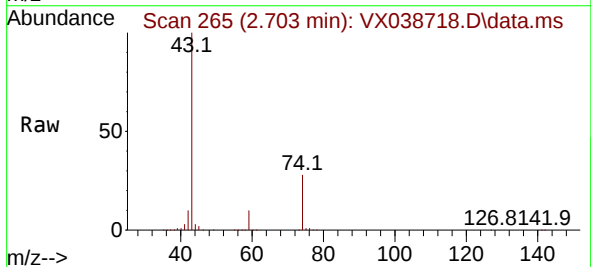
Manual Integrations
APPROVED

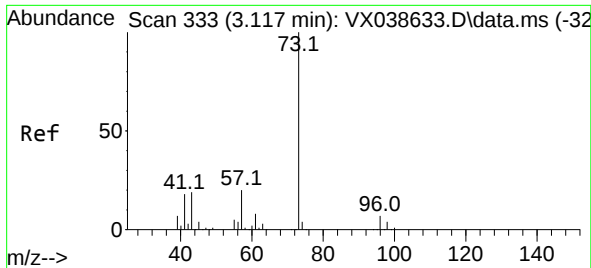
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#18
Methyl Acetate
Concen: 48.518 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

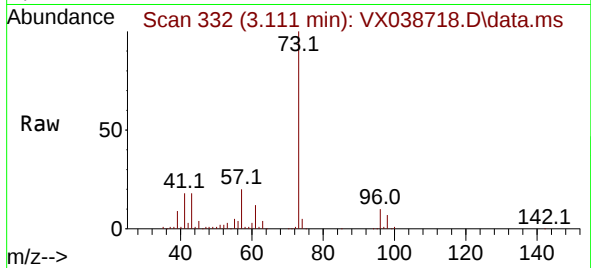
Tgt Ion: 43 Resp: 331685
Ion Ratio Lower Upper
43 100
74 28.9 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 50.130 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

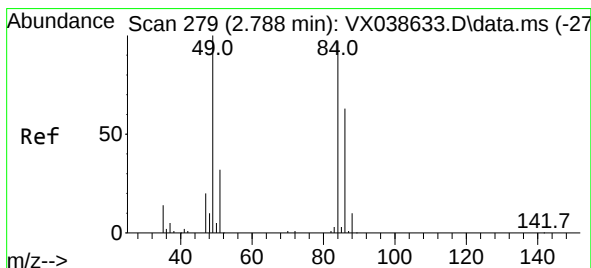
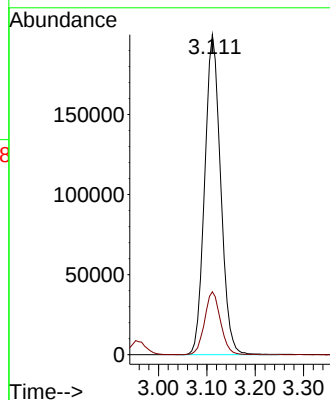
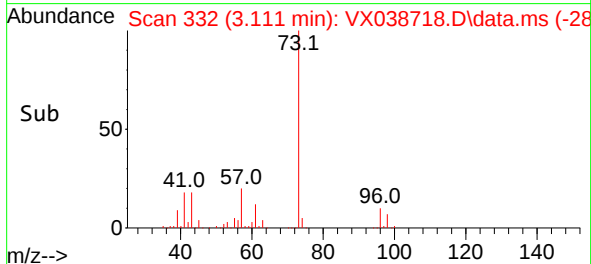
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 457860
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9

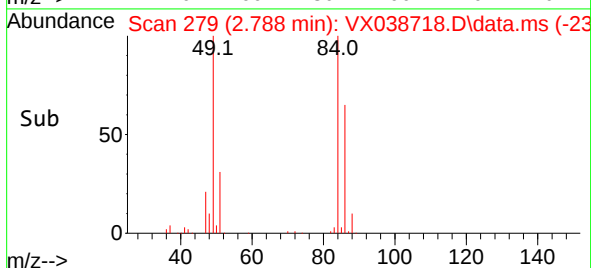
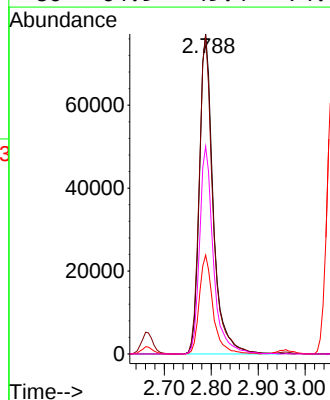
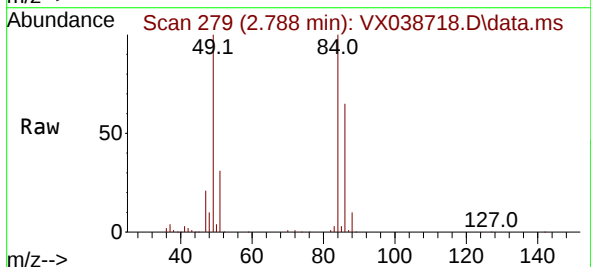
Manual Integrations
APPROVED

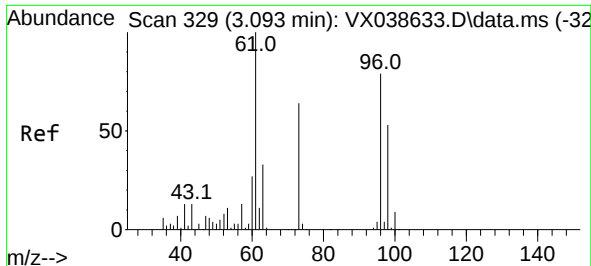
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 48.759 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

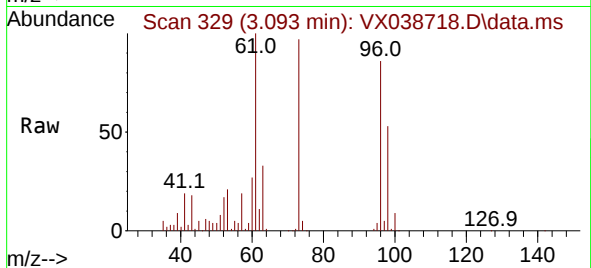
Tgt Ion: 84 Resp: 157721
Ion Ratio Lower Upper
84 100
49 99.7 103.6 155.4#
51 30.9 33.8 50.6#
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.168 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

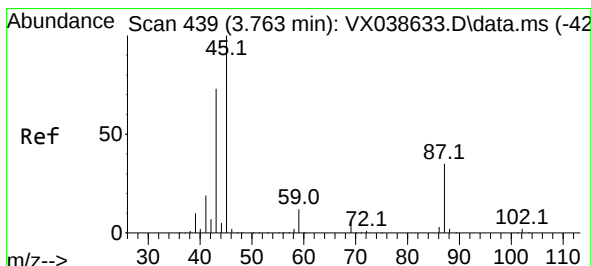
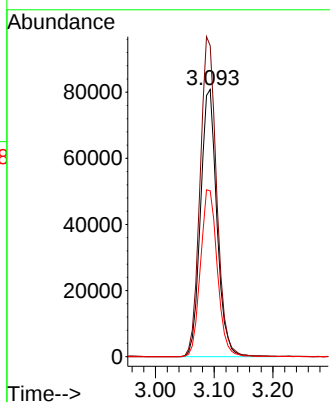
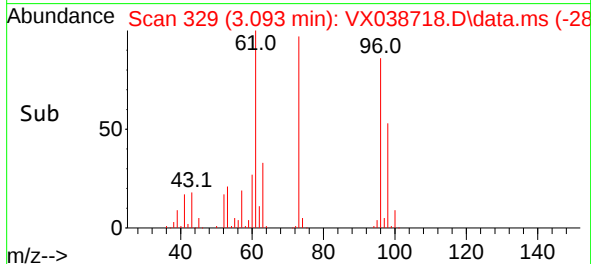
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 155992
Ion Ratio Lower Upper
96 100
61 116.4 119.2 178.8
98 62.1 48.7 73.1

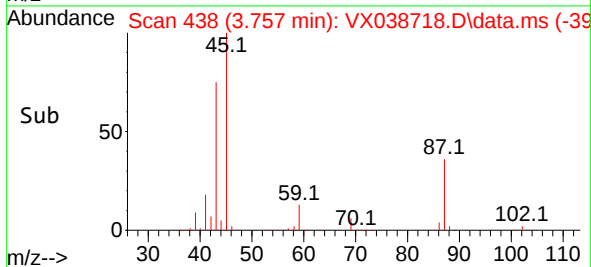
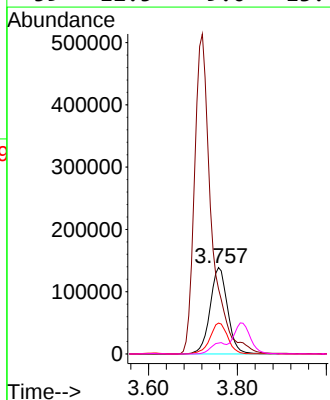
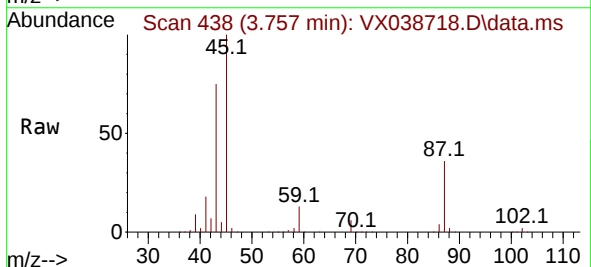
Manual Integrations
APPROVED

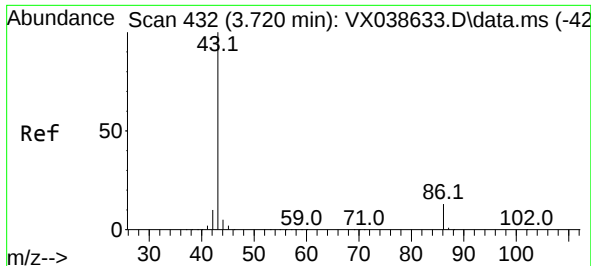
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#22
Diisopropyl ether
Concen: 49.189 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

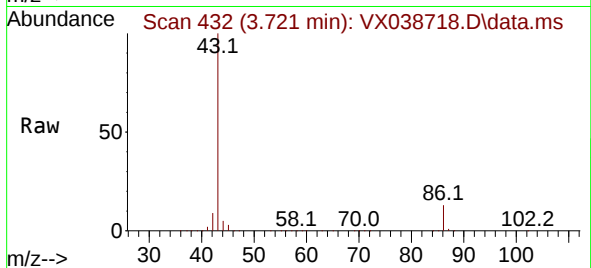
Tgt Ion: 45 Resp: 379252
Ion Ratio Lower Upper
45 100
43 75.3 69.7 104.5
87 35.7 20.8 31.2#
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 249.632 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35

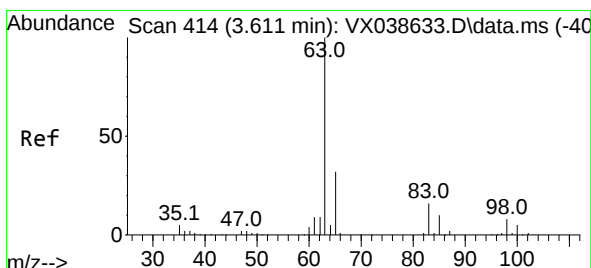
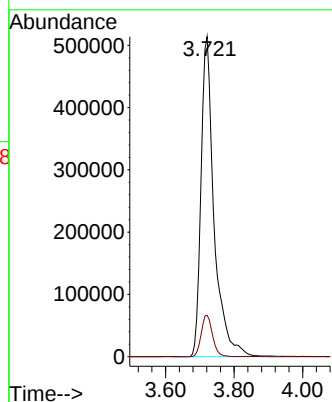
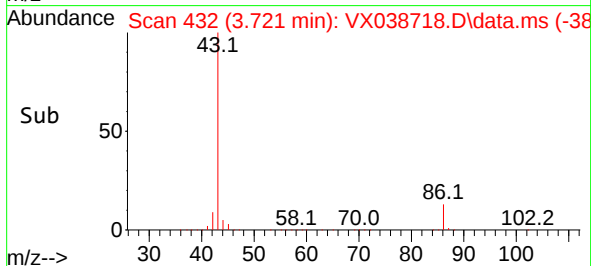
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



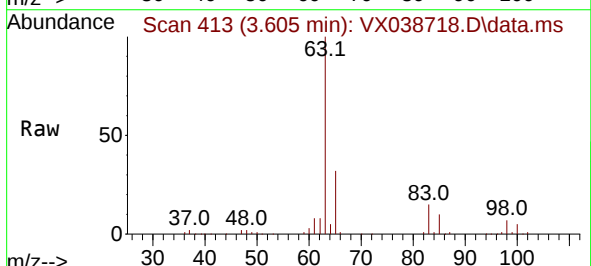
Tgt Ion: 43 Resp: 136611
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.8 11.8

Manual Integrations
 APPROVED

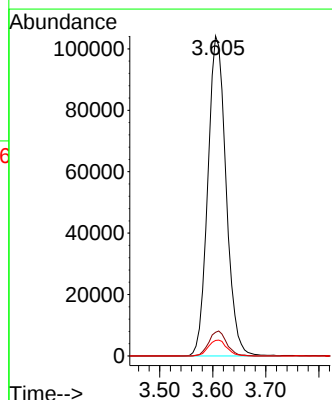
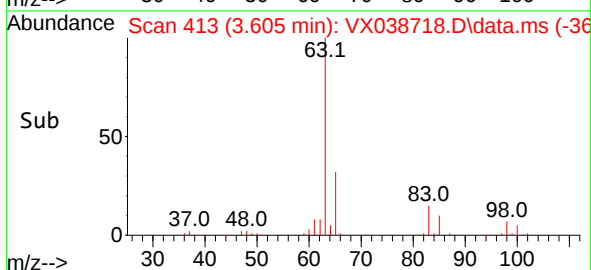
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

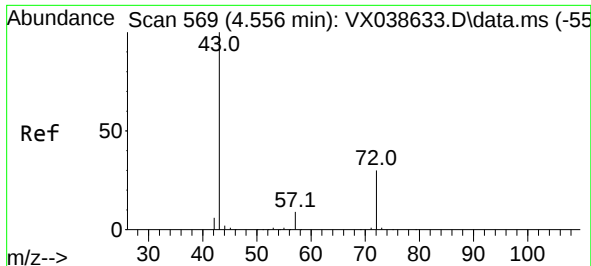


#24
 1,1-Dichloroethane
 Concen: 48.818 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35



Tgt Ion: 63 Resp: 249020
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.9 2.1 6.5





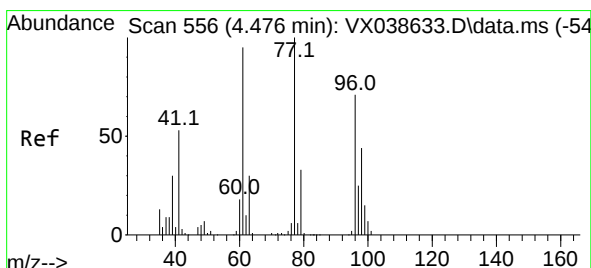
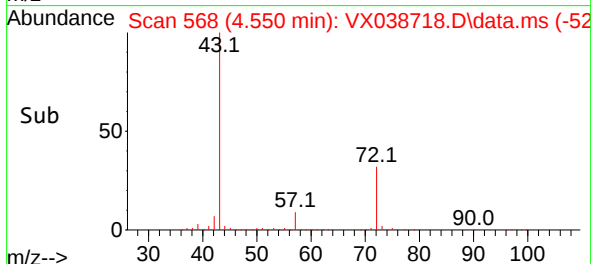
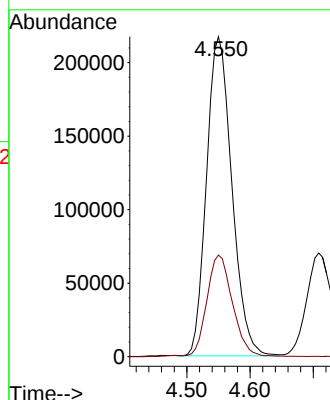
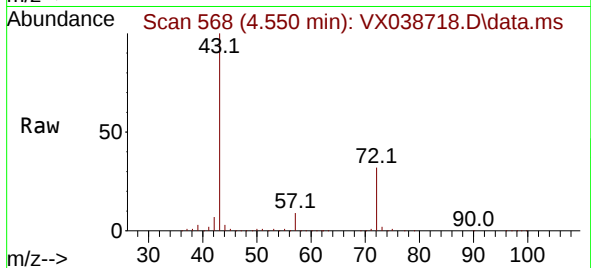
#25
2-Butanone
Concen: 260.459 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 605434
Ion Ratio Lower Upper
43 100
72 31.6 19.4 29.2

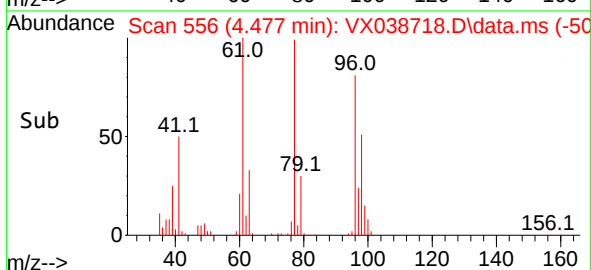
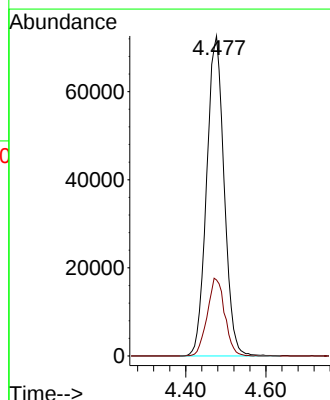
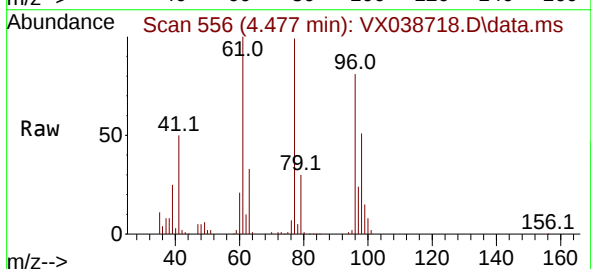
Manual Integrations
APPROVED

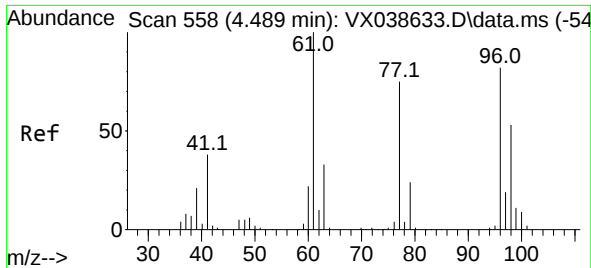
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#26
2,2-Dichloropropane
Concen: 49.308 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion: 77 Resp: 219610
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.001 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 179530

Ion Ratio Lower Upper

96 100

61 126.7 0.0 312.2

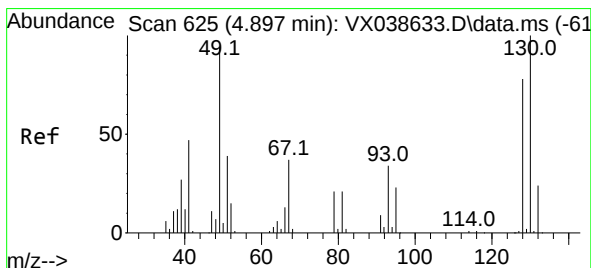
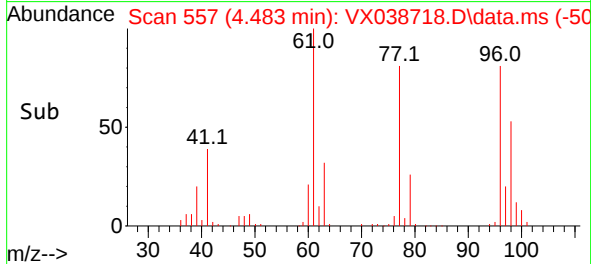
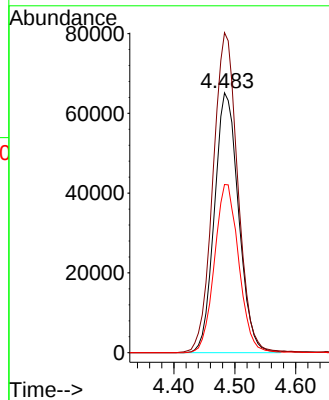
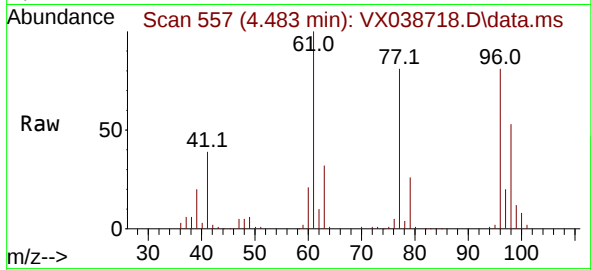
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 51.334 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

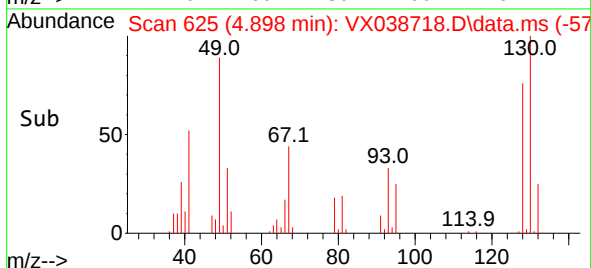
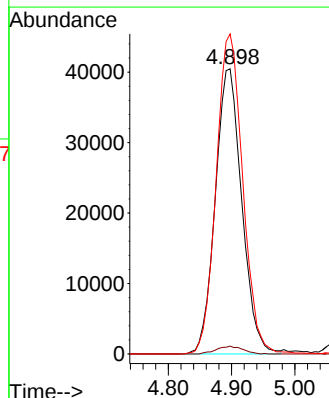
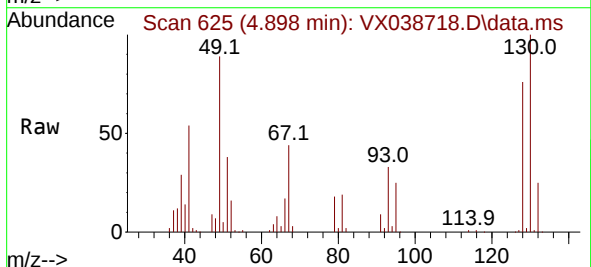
Tgt Ion: 49 Resp: 117679

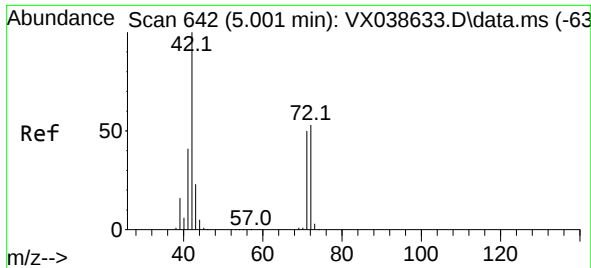
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 112.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 239.059 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 345730

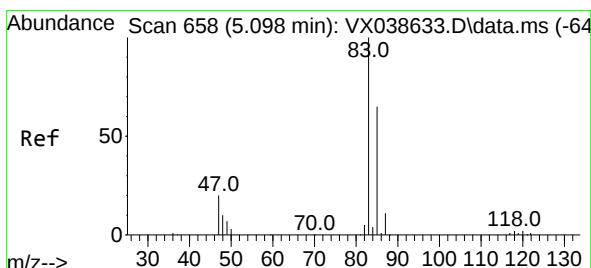
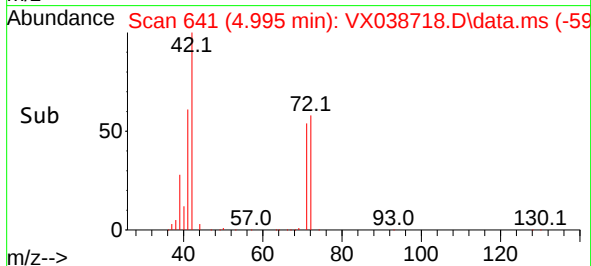
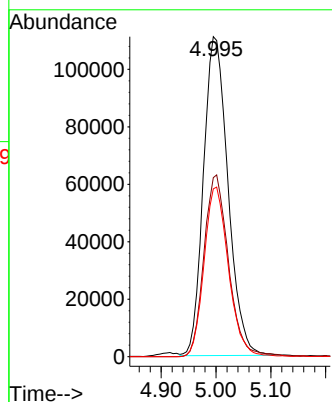
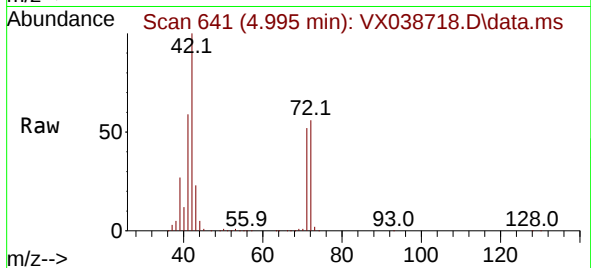
Ion	Ratio	Lower	Upper
42	100		
72	57.1	34.2	51.4
71	52.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#30

Chloroform

Concen: 48.288 ug/l

RT: 5.093 min Scan# 657

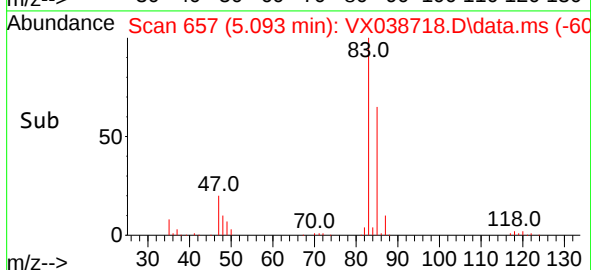
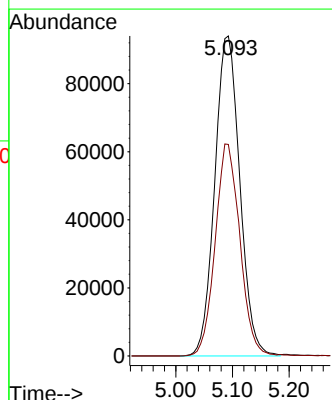
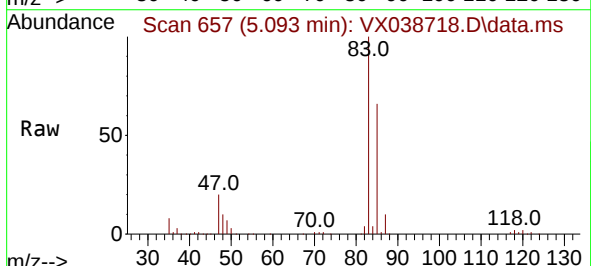
Delta R.T. -0.006 min

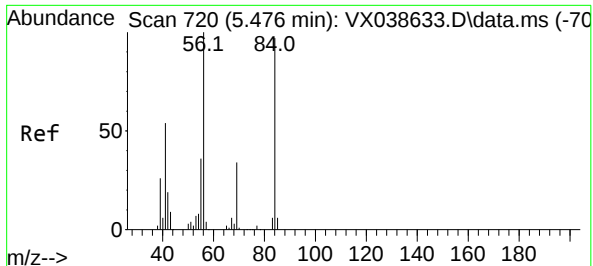
Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Tgt Ion: 83 Resp: 289007

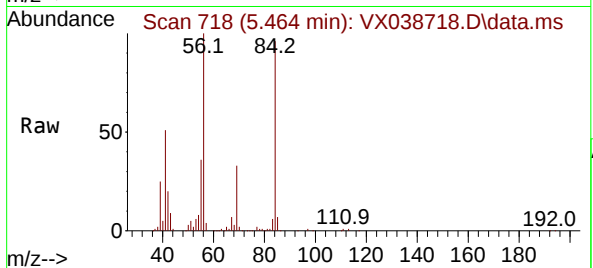
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.3	75.5





#31
Cyclohexane
Concen: 49.068 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

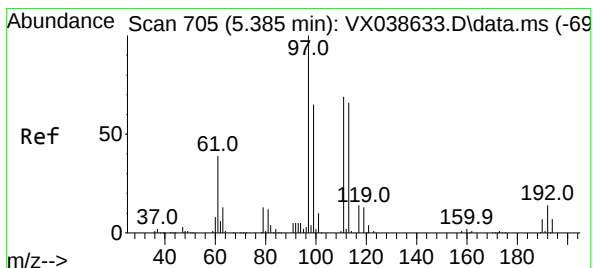
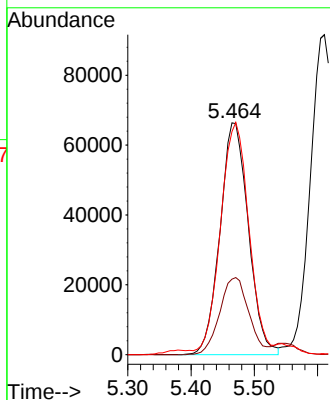
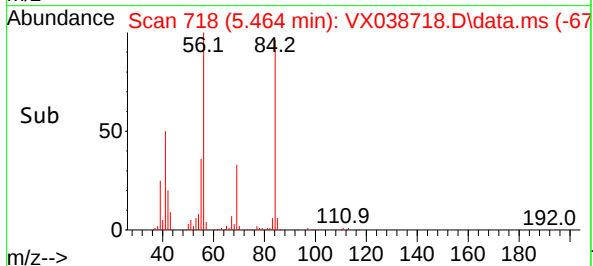
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 206910
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 94.3 65.9 98.9

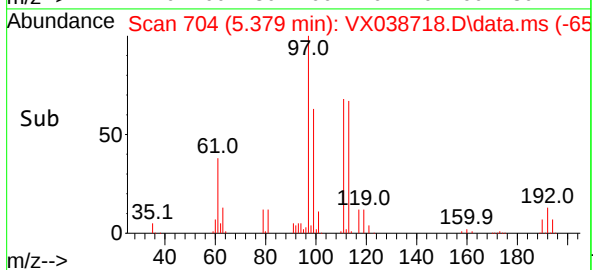
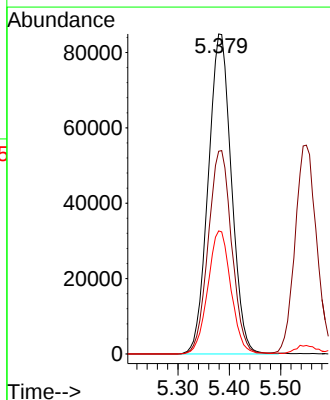
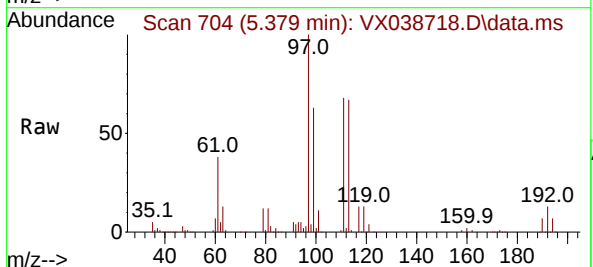
Manual Integrations
APPROVED

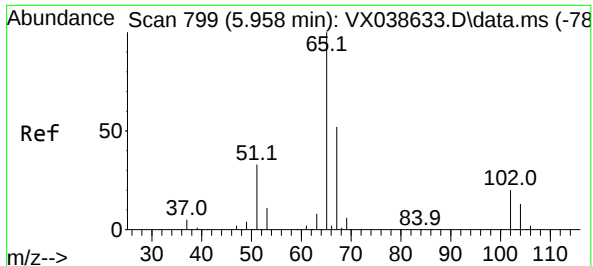
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 50.456 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion: 97 Resp: 265756
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 38.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18069

Ion Ratio Lower Upper

65 100

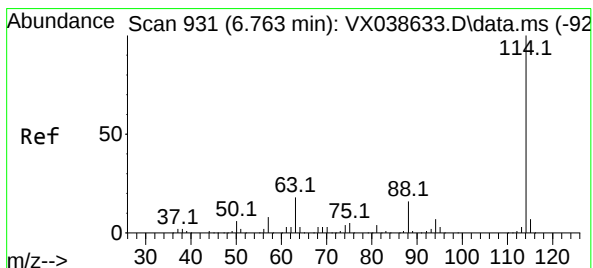
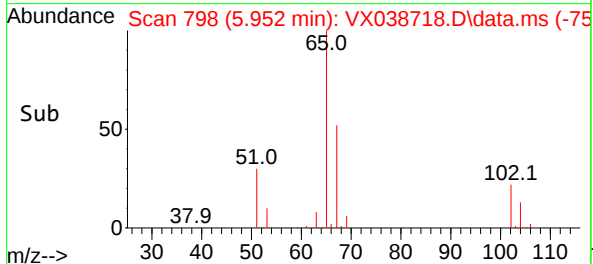
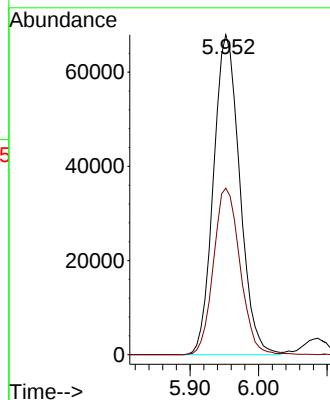
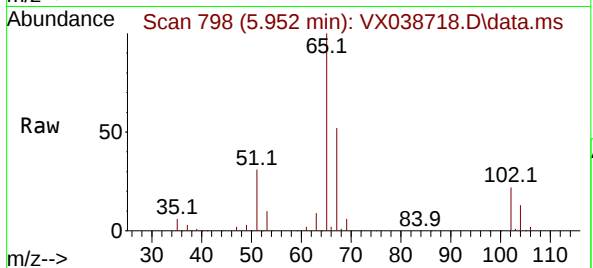
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

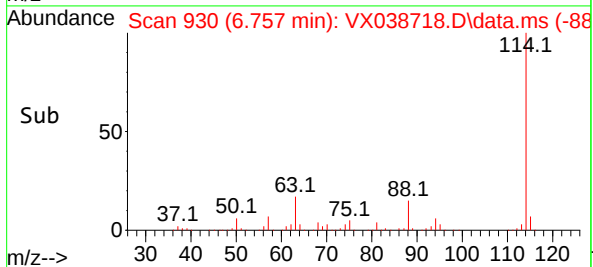
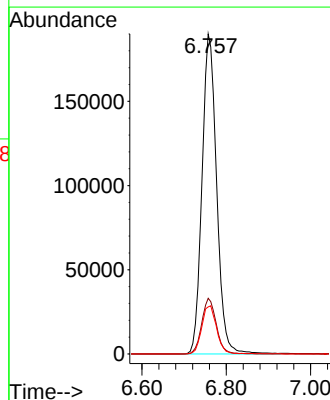
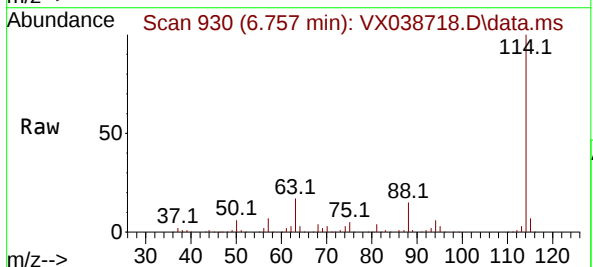
Tgt Ion:114 Resp: 459640

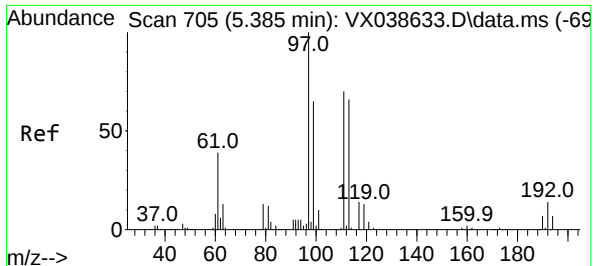
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.941 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038718.D

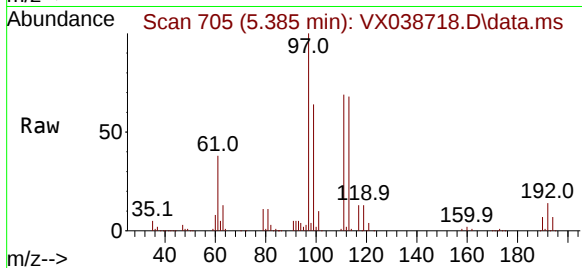
Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 16863

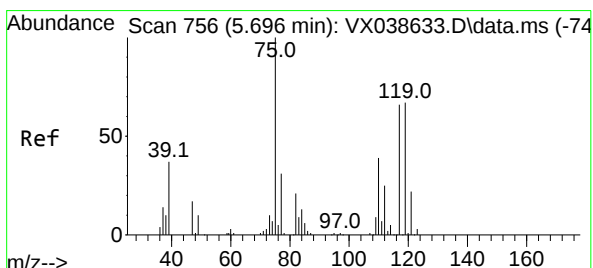
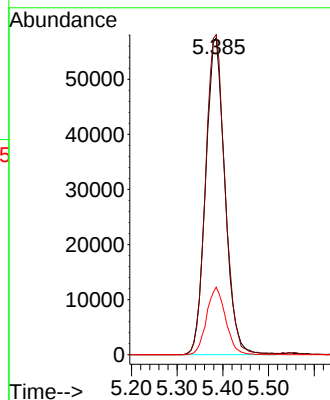
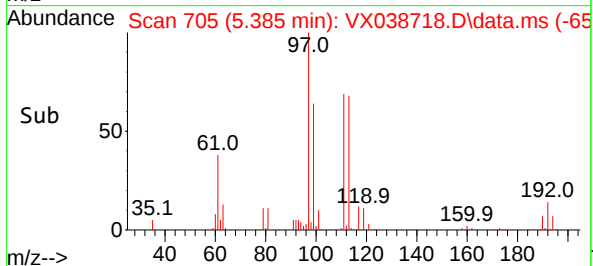
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	21.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#36

1,1-Dichloropropene

Concen: 50.681 ug/l

RT: 5.690 min Scan# 755

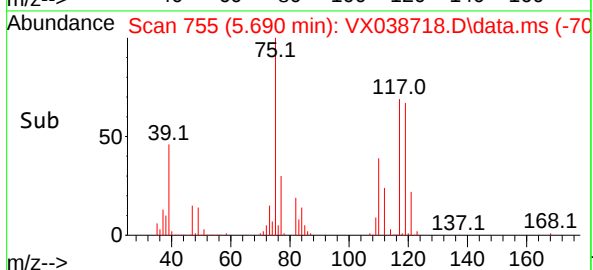
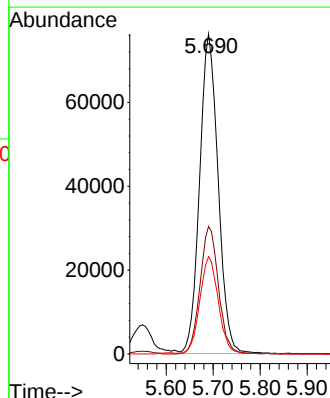
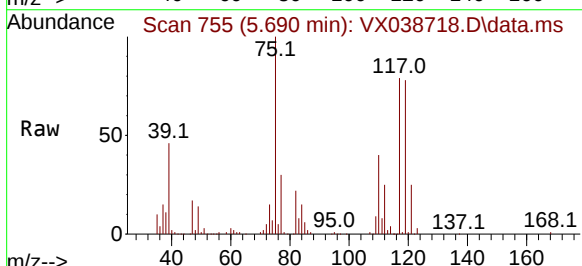
Delta R.T. -0.006 min

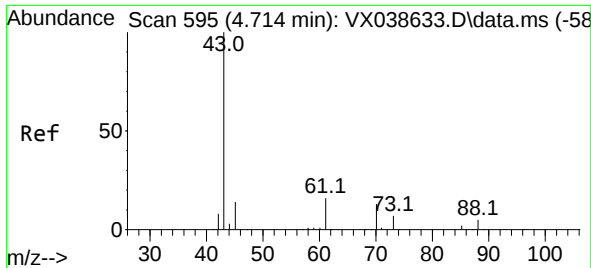
Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Tgt Ion: 75 Resp: 208412

Ion	Ratio	Lower	Upper
75	100		
110	39.8	17.0	50.9
77	30.3	24.7	37.1





#37

Ethyl Acetate

Concen: 48.277 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20269

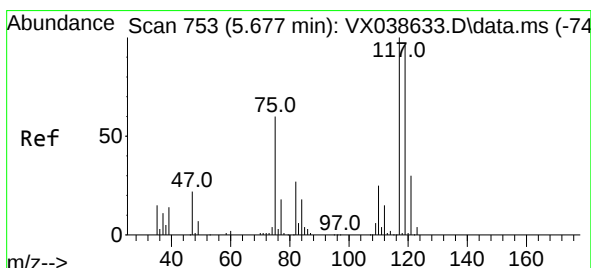
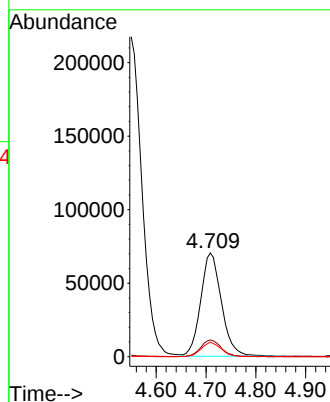
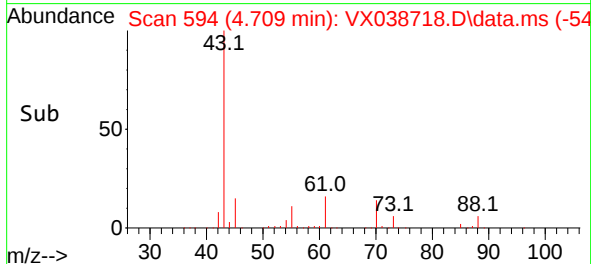
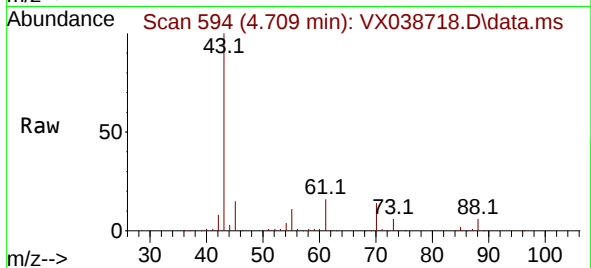
Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.6	16.0
70	13.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#38

Carbon Tetrachloride

Concen: 52.177 ug/l

RT: 5.678 min Scan# 753

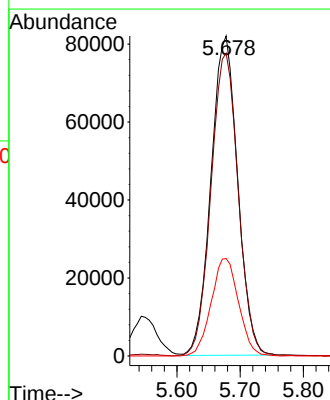
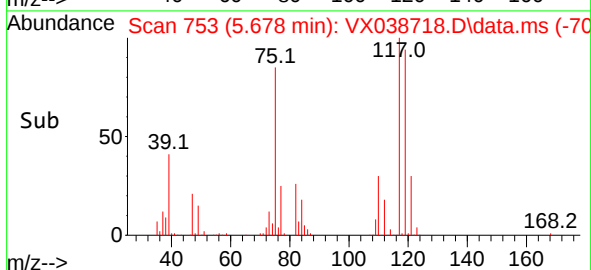
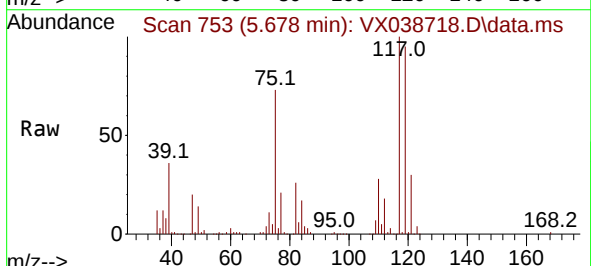
Delta R.T. 0.000 min

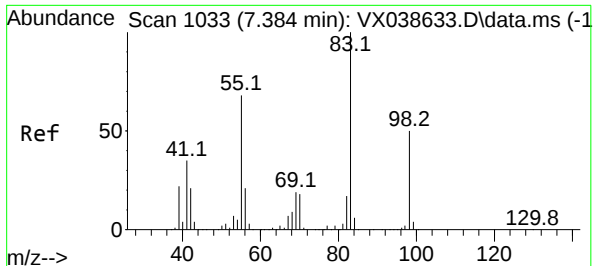
Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Tgt Ion:117 Resp: 239867

Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 51.449 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 26452

Ion Ratio Lower Upper

83 100

55 66.0 64.6 97.0

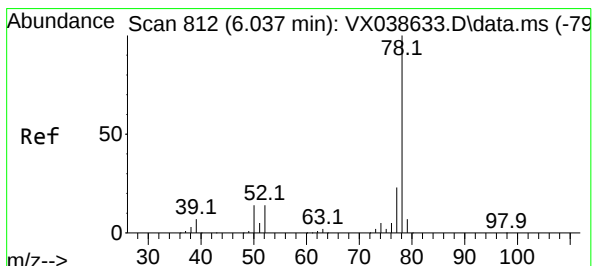
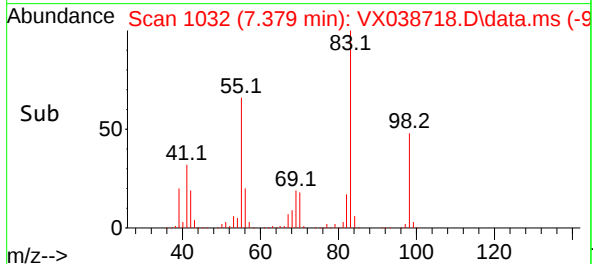
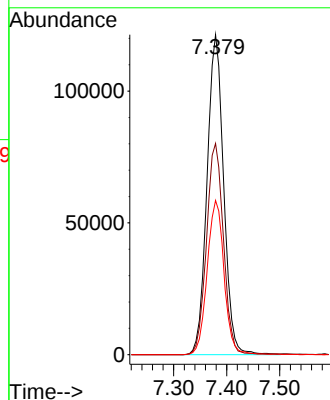
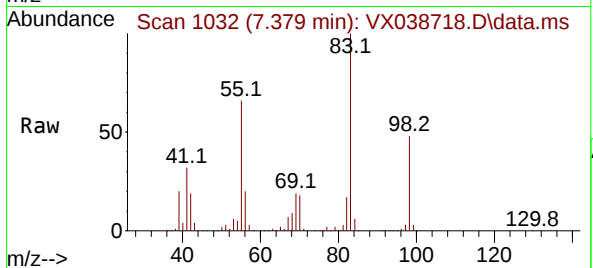
98 48.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 50.252 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038718.D

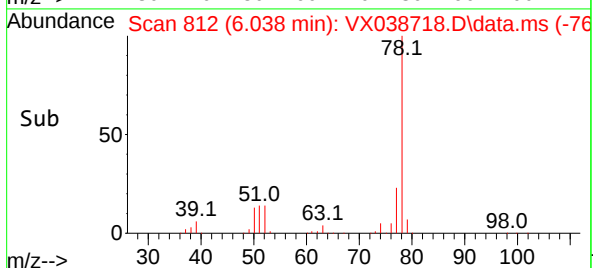
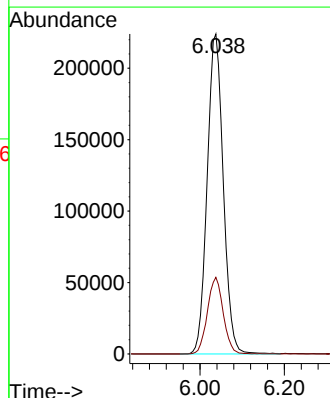
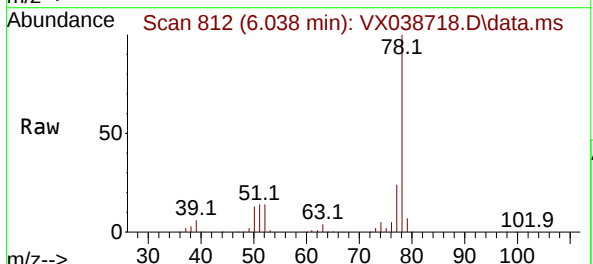
Acq: 10 Nov 2023 10:35

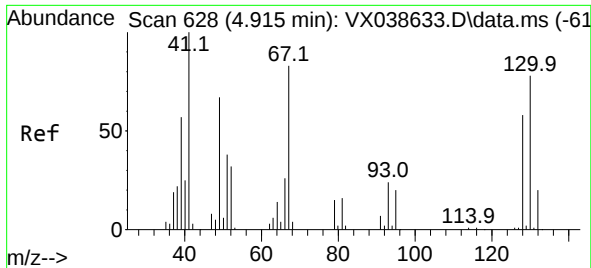
Tgt Ion: 78 Resp: 595209

Ion Ratio Lower Upper

78 100

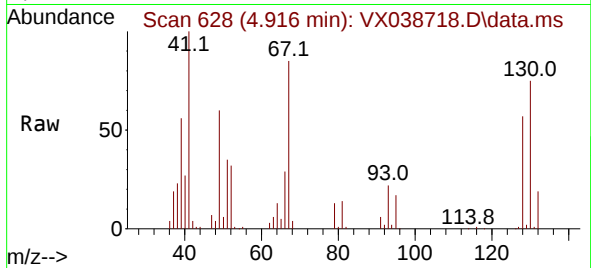
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 49.789 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

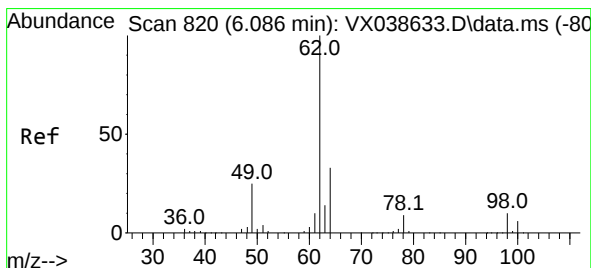
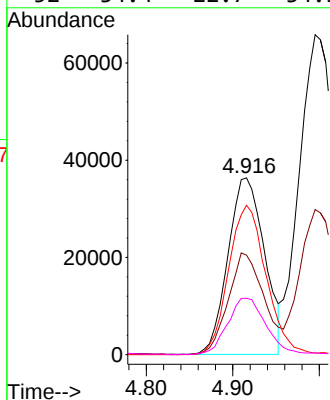
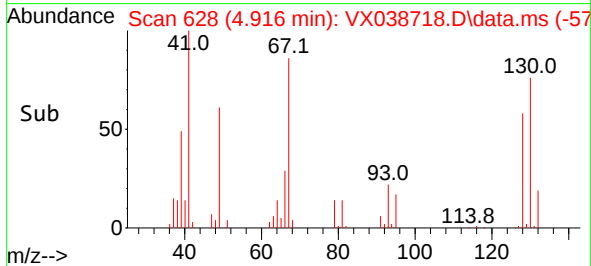
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 106495
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 87.4 52.6 78.8
52 34.4 22.7 34.1#

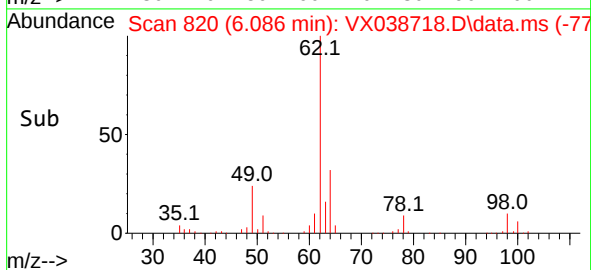
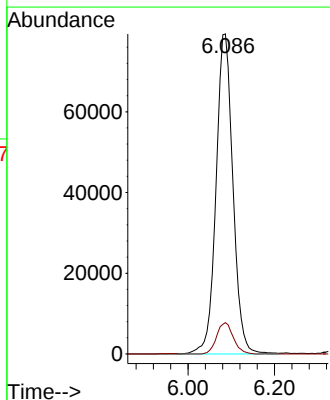
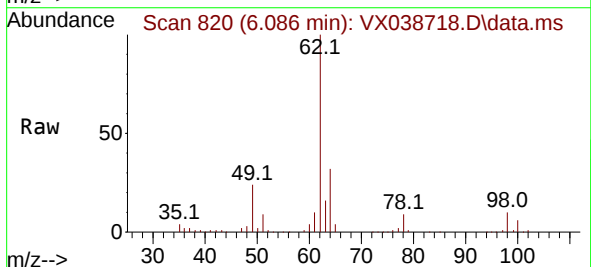
Manual Integrations
APPROVED

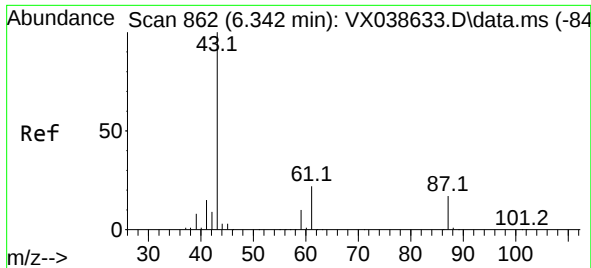
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 50.323 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

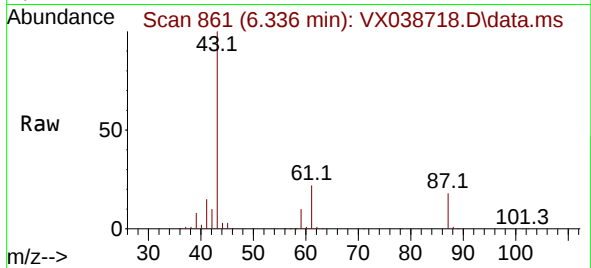
Tgt Ion: 62 Resp: 215065
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.474 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

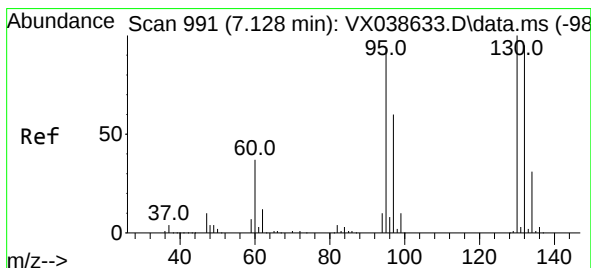
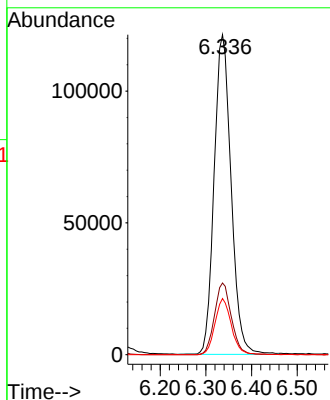
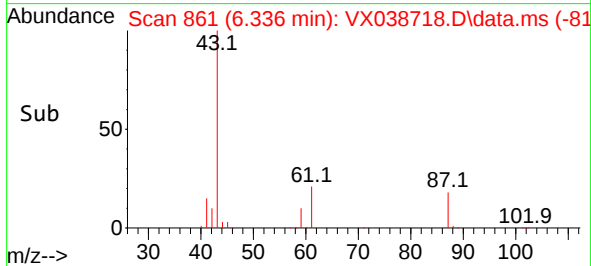
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 312890
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 17.0 9.8 14.6

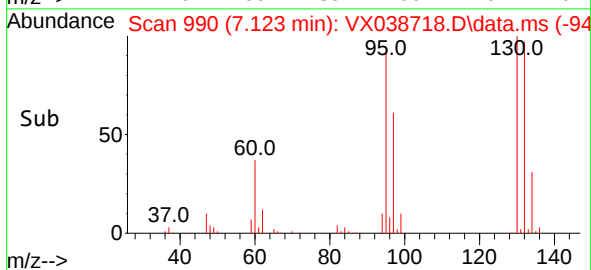
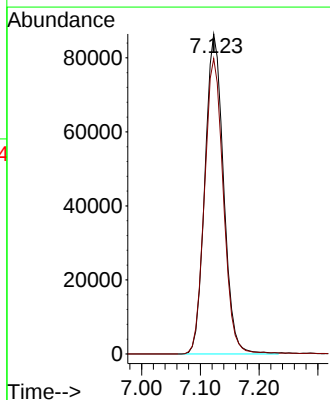
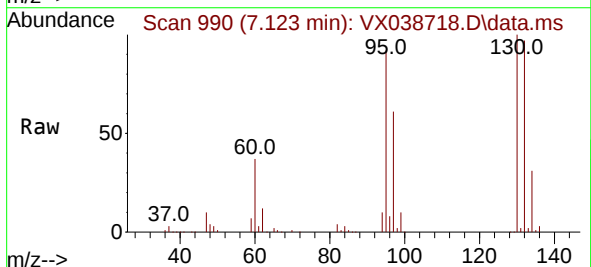
Manual Integrations
APPROVED

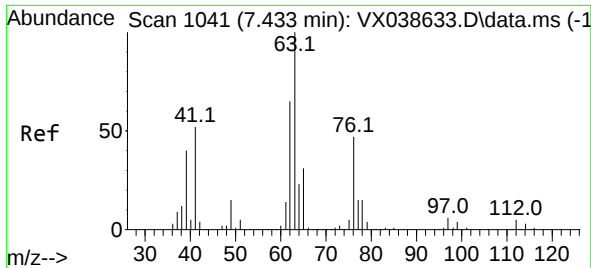
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Trichloroethene
Concen: 51.498 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion:130 Resp: 189783
Ion Ratio Lower Upper
130 100
95 92.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.325 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 144094

Ion Ratio Lower Upper

63 100

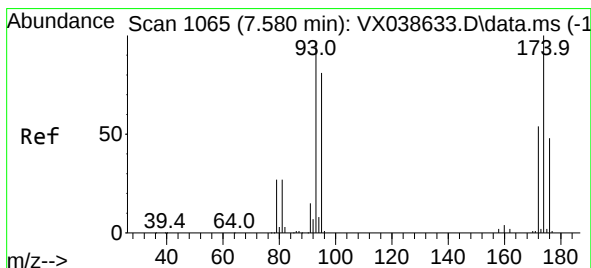
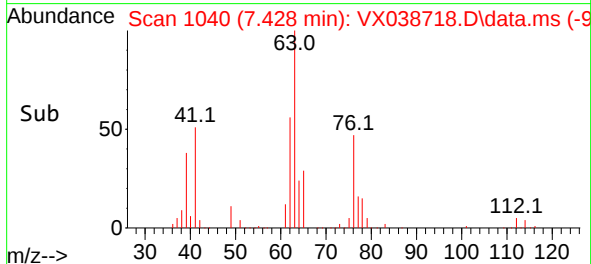
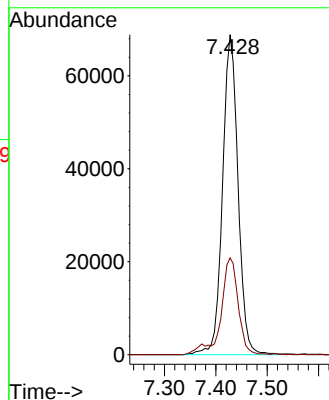
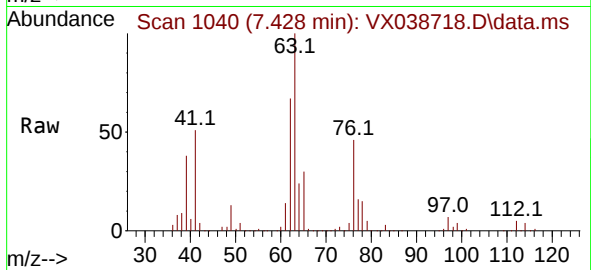
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 50.151 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

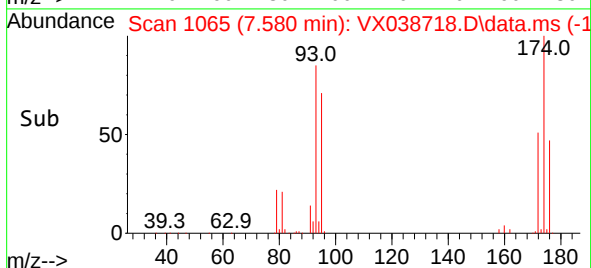
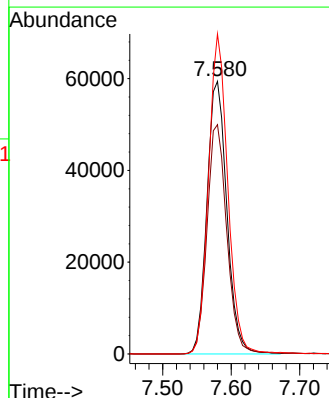
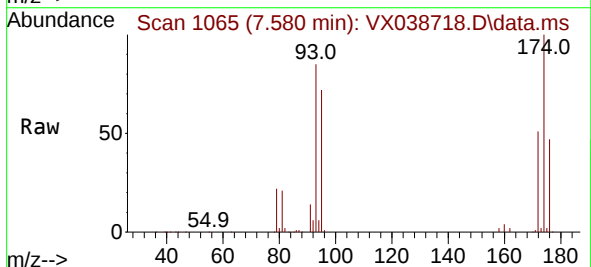
Tgt Ion: 93 Resp: 120088

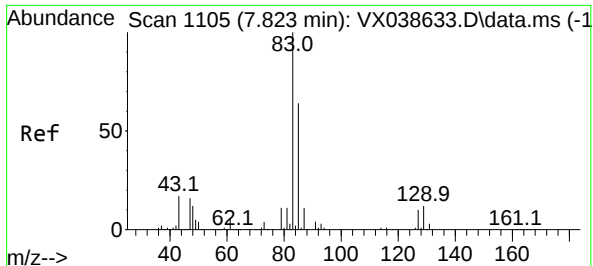
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

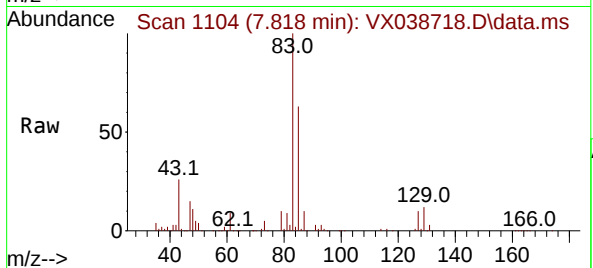
174 114.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 49.765 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

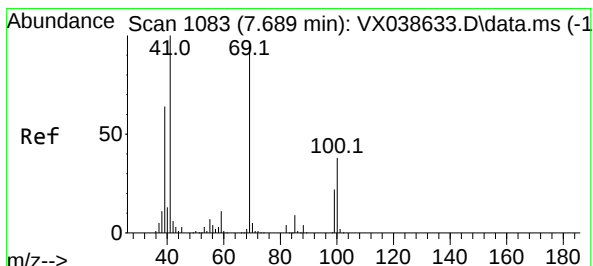
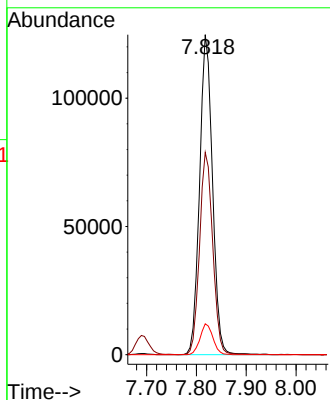
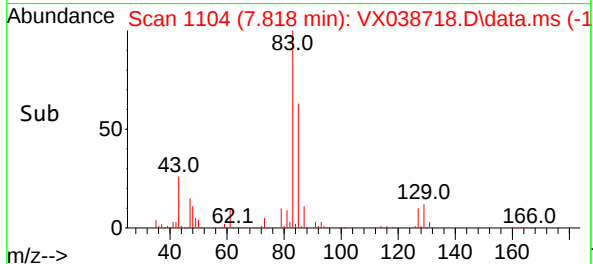
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 22410
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 9.7 7.1 10.7

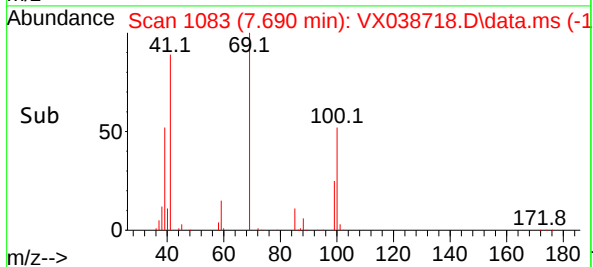
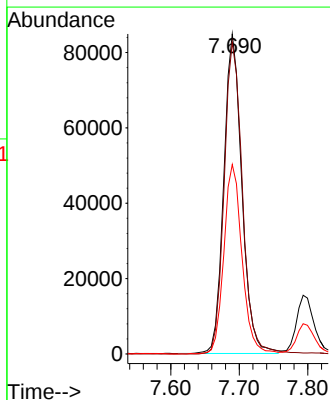
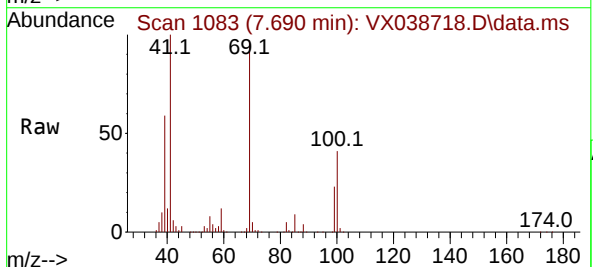
Manual Integrations
APPROVED

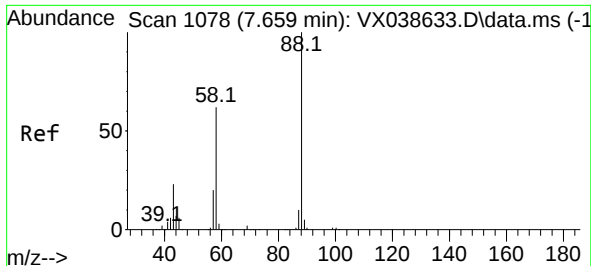
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#48
Methyl methacrylate
Concen: 49.912 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion: 41 Resp: 155262
Ion Ratio Lower Upper
41 100
69 98.9 59.2 88.8
39 59.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1089.423 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7714

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0

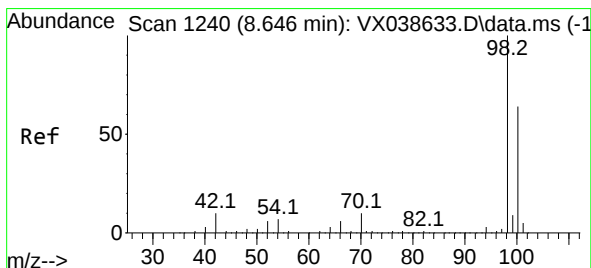
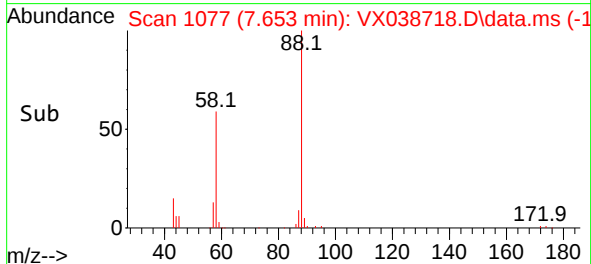
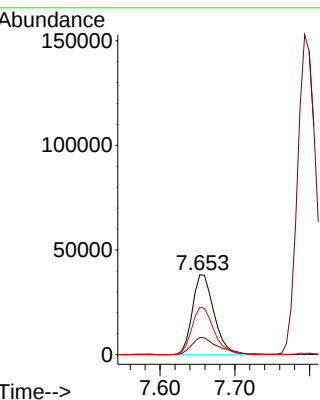
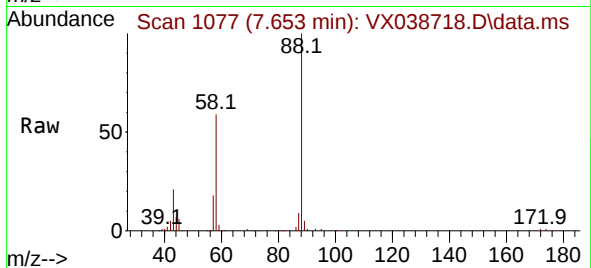
58 61.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#50

Toluene-d8

Concen: 50.245 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038718.D

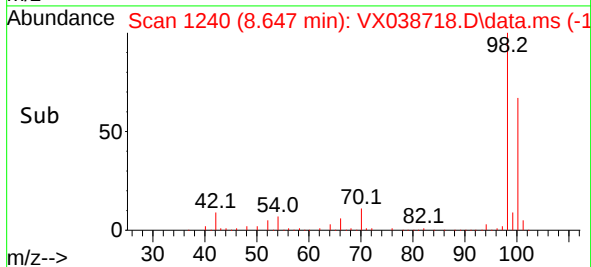
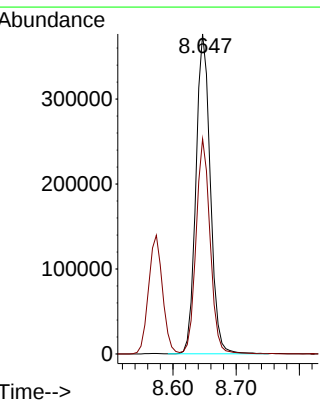
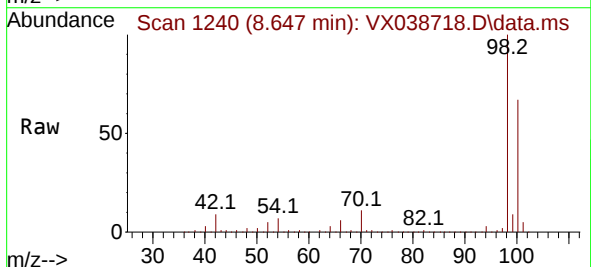
Acq: 10 Nov 2023 10:35

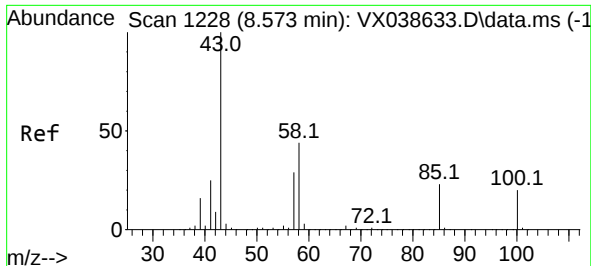
Tgt Ion: 98 Resp: 595210

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 250.892 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 105512

Ion Ratio Lower Upper

43 100

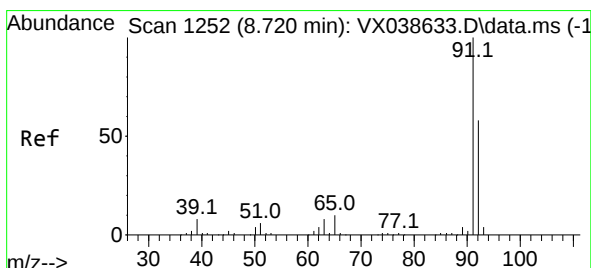
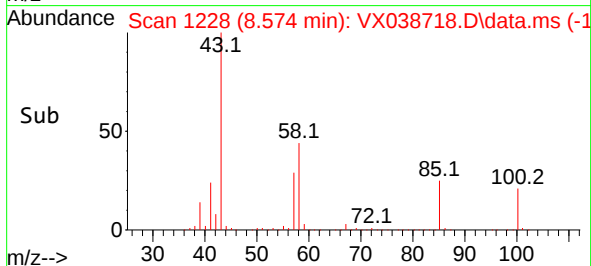
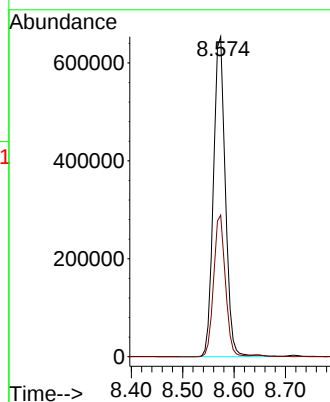
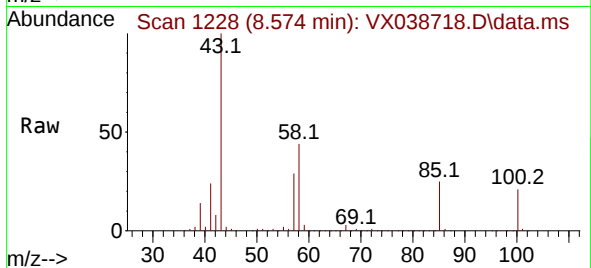
58 43.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#52

Toluene

Concen: 51.491 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038718.D

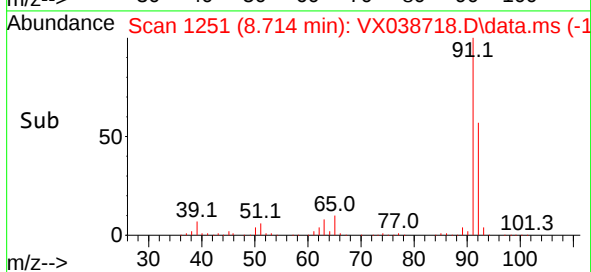
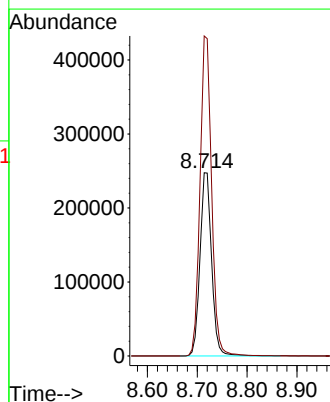
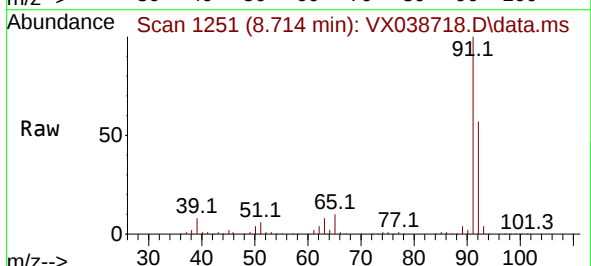
Acq: 10 Nov 2023 10:35

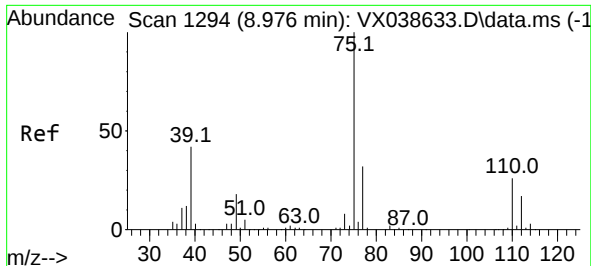
Tgt Ion: 92 Resp: 399522

Ion Ratio Lower Upper

92 100

91 174.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.951 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 23818

Ion Ratio Lower Upper

75 100

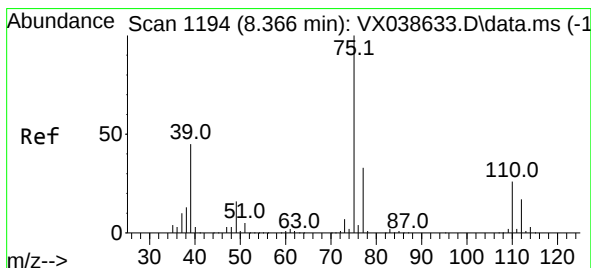
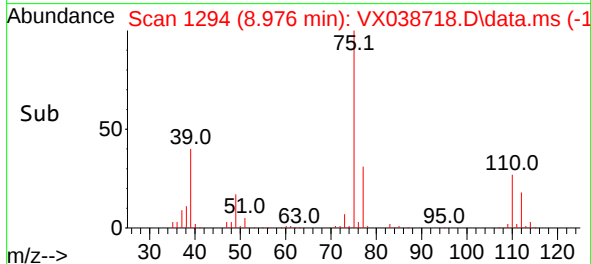
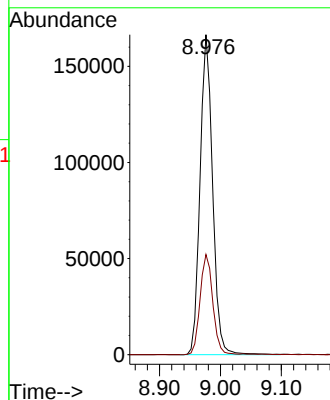
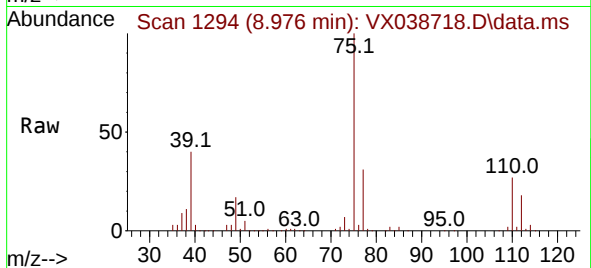
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

cis-1,3-Dichloropropene

Concen: 52.003 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

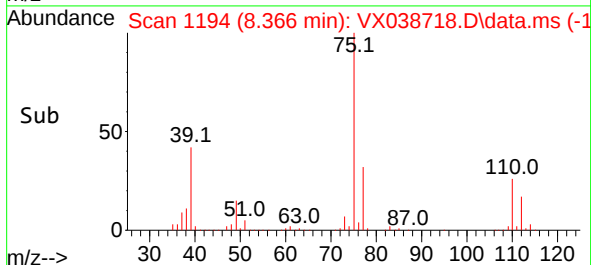
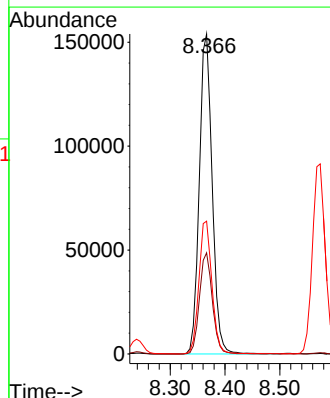
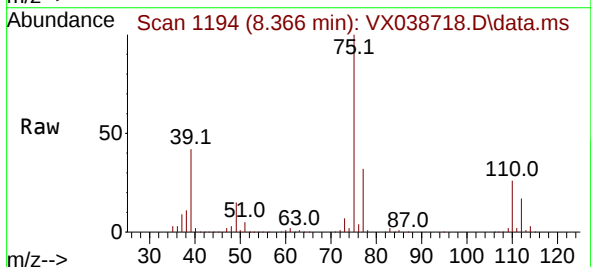
Tgt Ion: 75 Resp: 251693

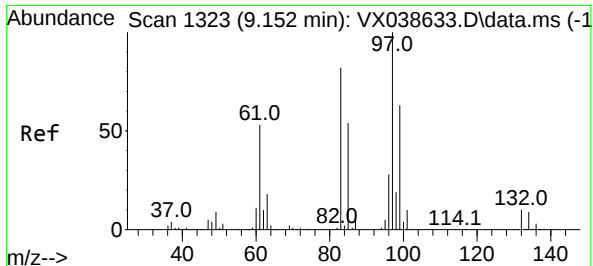
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

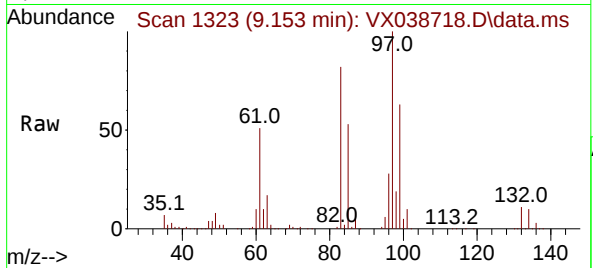
39 41.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.881 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

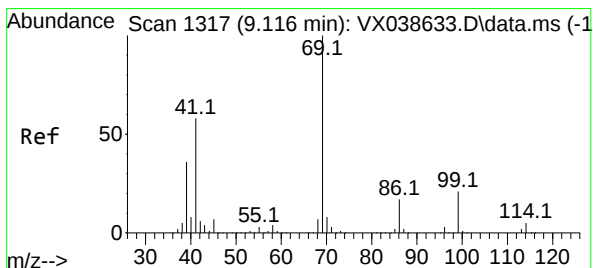
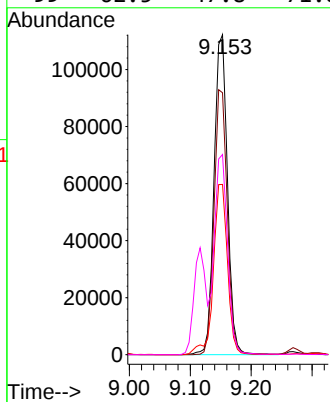
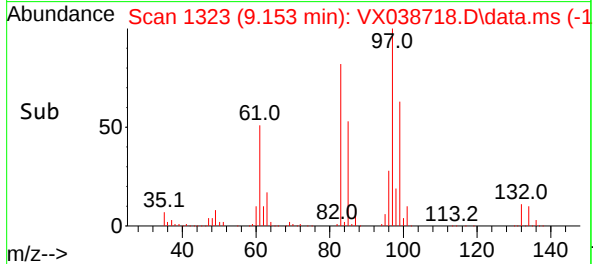
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



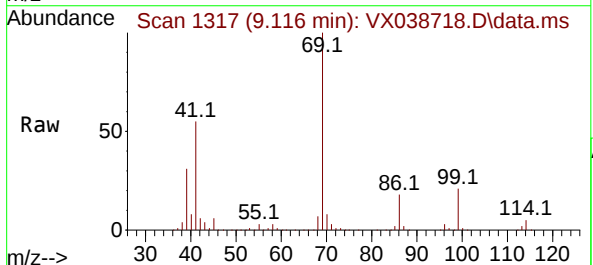
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.8	98.8
85	53.2	41.6	62.4
99	62.5	47.8	71.8

Manual Integrations
APPROVED

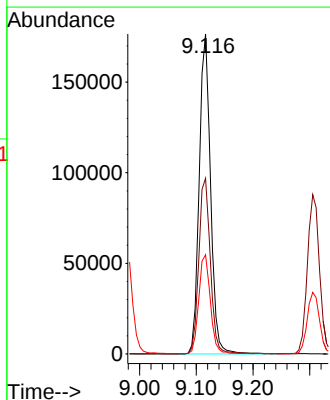
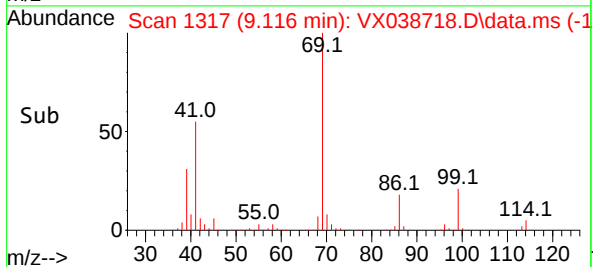
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

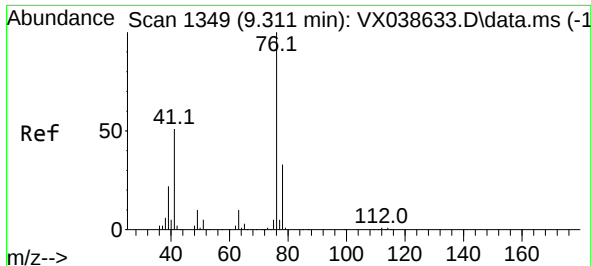


#56
Ethyl methacrylate
Concen: 53.176 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.0	56.8	85.2#
39	31.6	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 51.306 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26308

Ion Ratio Lower Upper

76 100

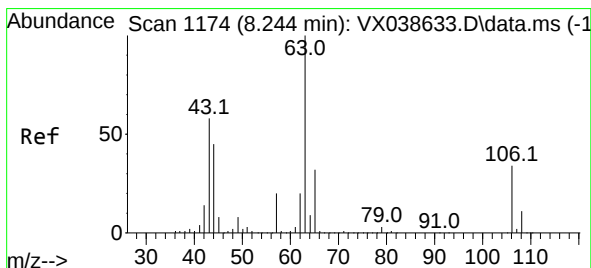
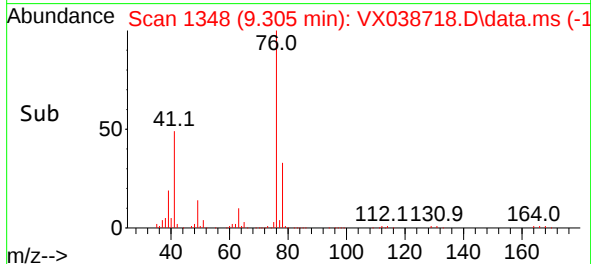
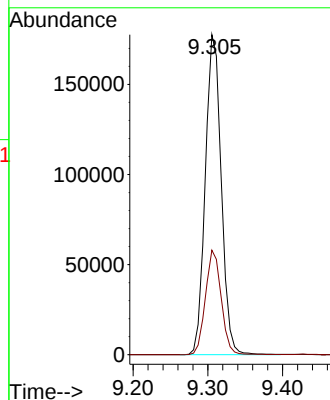
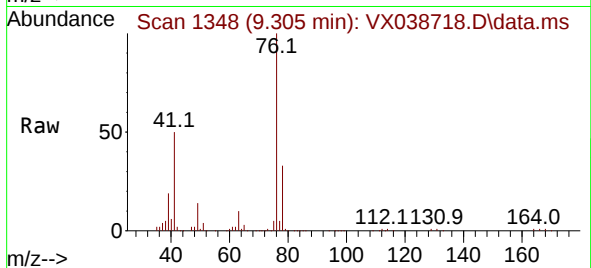
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.908 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038718.D

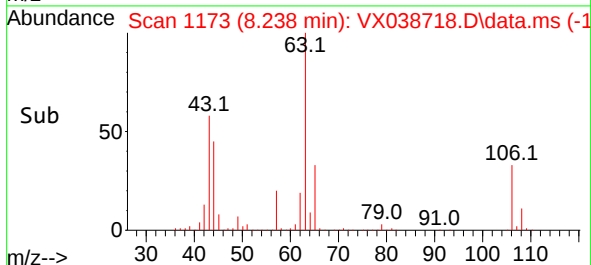
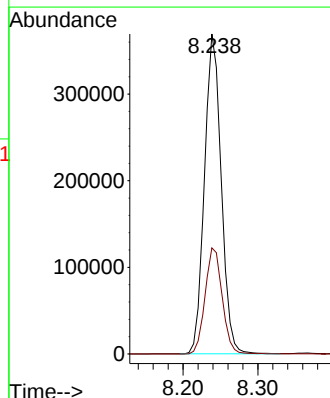
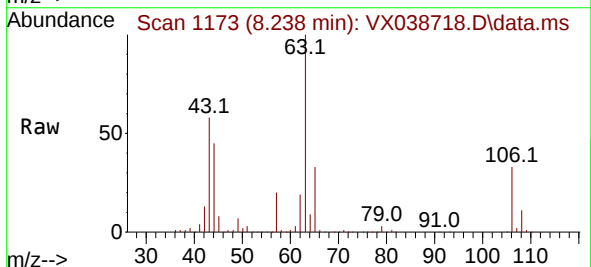
Acq: 10 Nov 2023 10:35

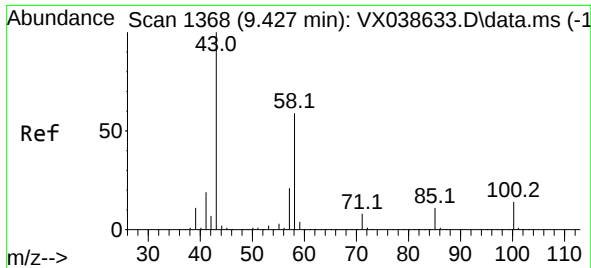
Tgt Ion: 63 Resp: 575021

Ion Ratio Lower Upper

63 100

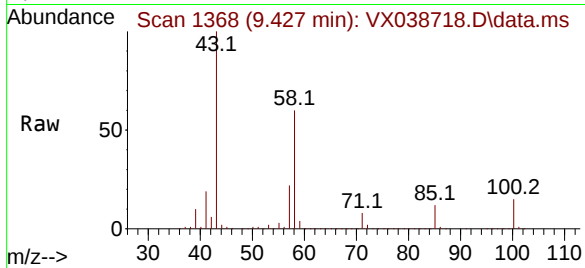
106 33.8 22.5 33.7#





#59
2-Hexanone
Concen: 255.746 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

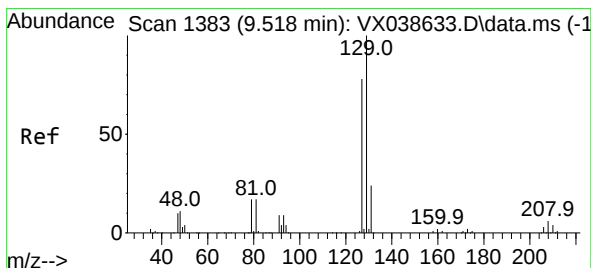
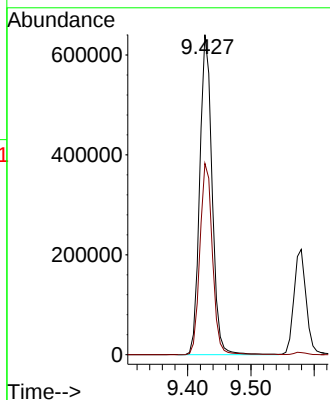
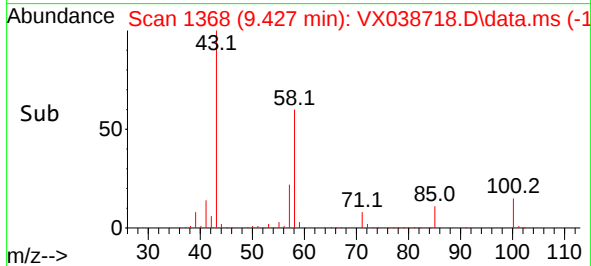
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



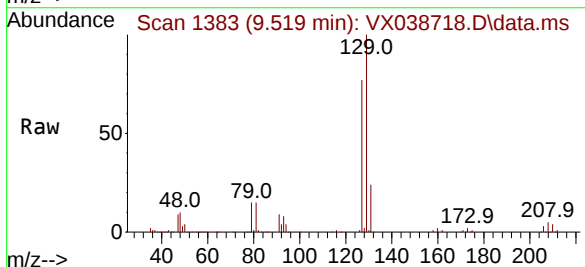
Tgt Ion: 43 Resp: 87026
Ion Ratio Lower Upper
43 100
58 60.8 26.2 78.5

Manual Integrations
APPROVED

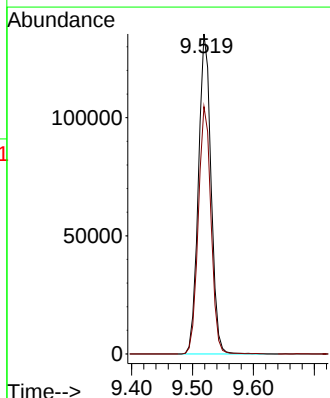
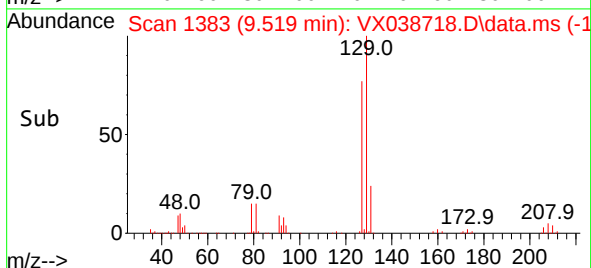
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

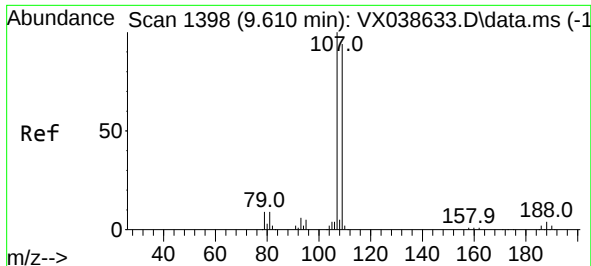


#60
Dibromochloromethane
Concen: 52.691 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



Tgt Ion:129 Resp: 194727
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.009 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 19243

Ion Ratio Lower Upper

107 100

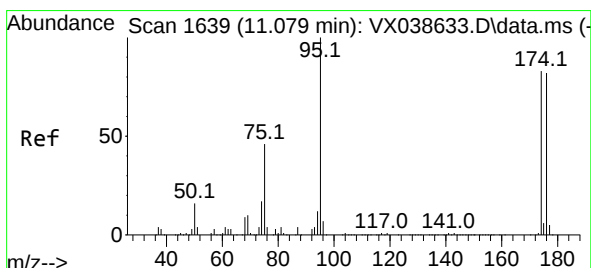
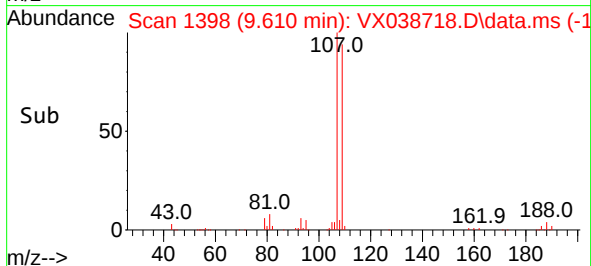
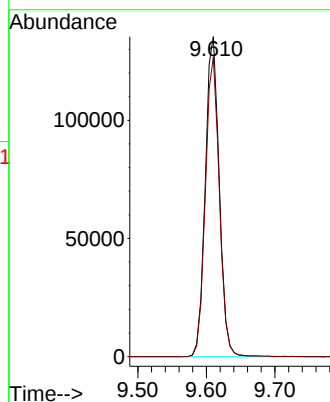
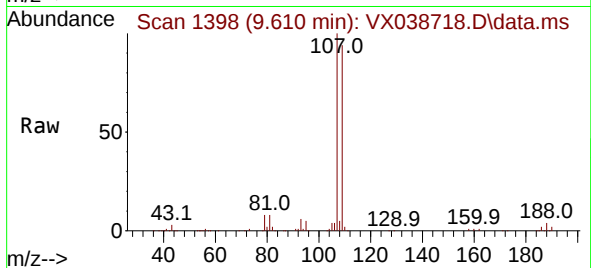
109 93.6 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#62

4-Bromofluorobenzene

Concen: 52.173 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

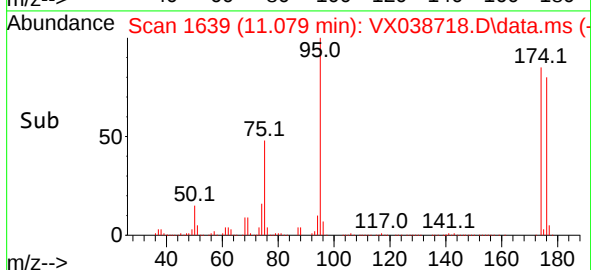
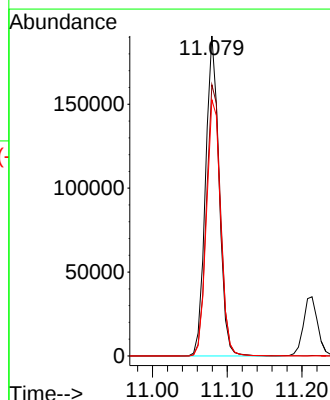
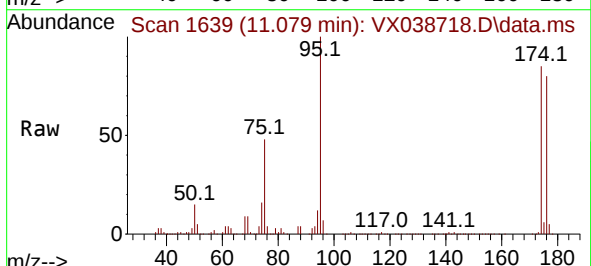
Tgt Ion: 95 Resp: 239625

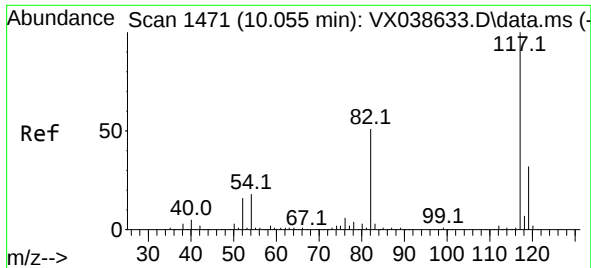
Ion Ratio Lower Upper

95 100

174 88.5 0.0 135.6

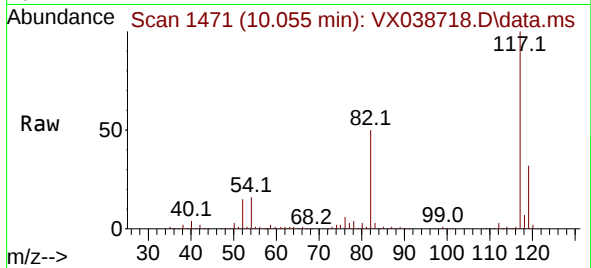
176 83.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

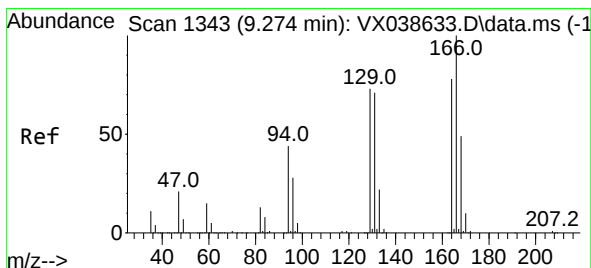
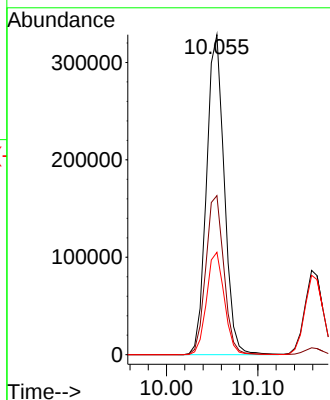
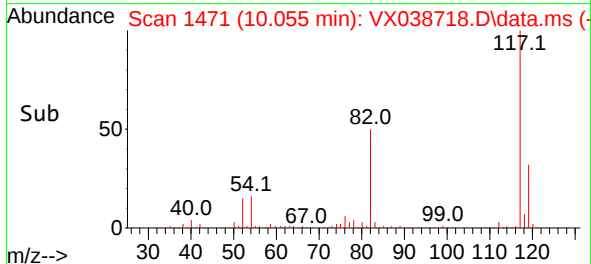
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 441609
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.0 25.5 38.3

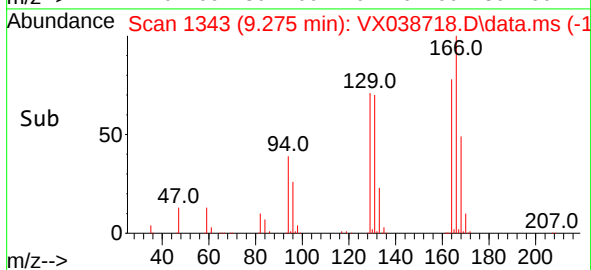
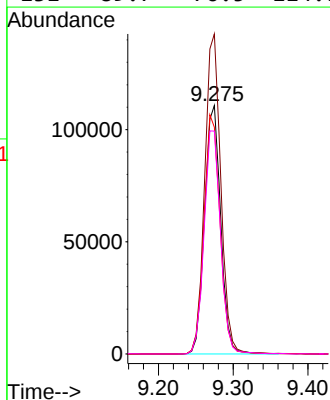
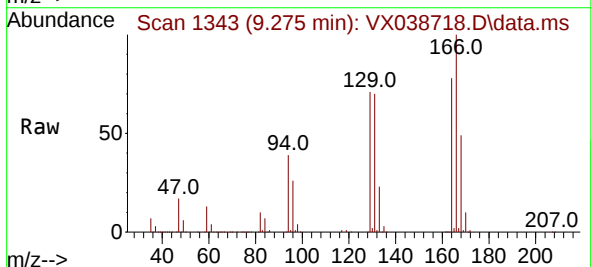
Manual Integrations
APPROVED

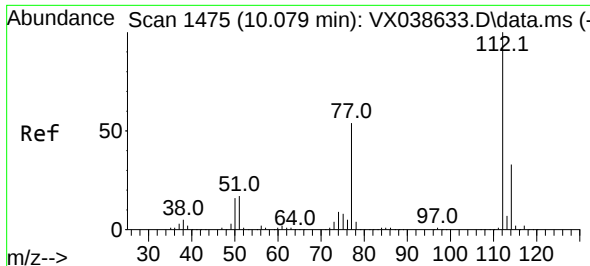
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 50.237 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

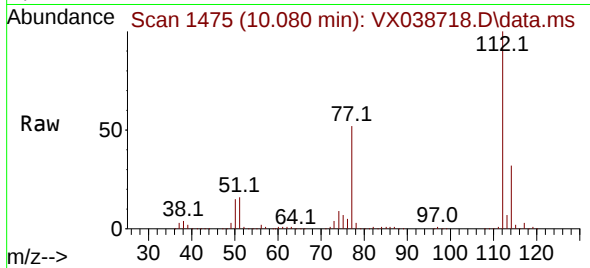
Tgt Ion:164 Resp: 166063
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 91.2 80.4 120.6
131 89.7 76.5 114.7





#65
Chlorobenzene
Concen: 52.302 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

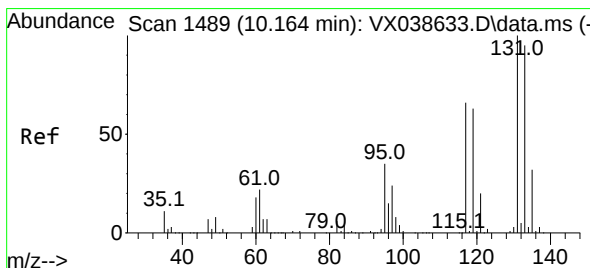
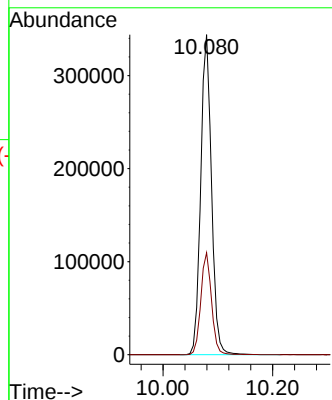
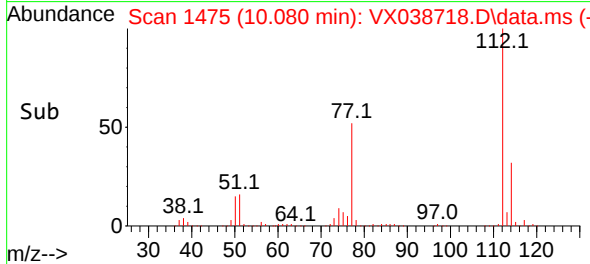
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 470180
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

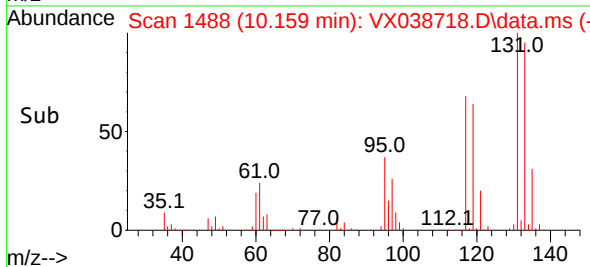
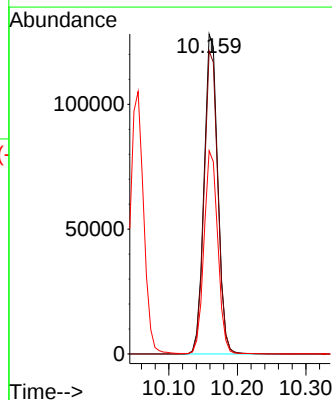
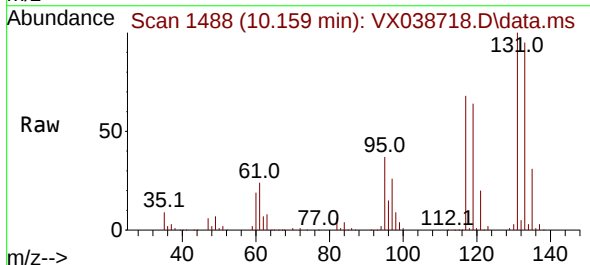
Manual Integrations
APPROVED

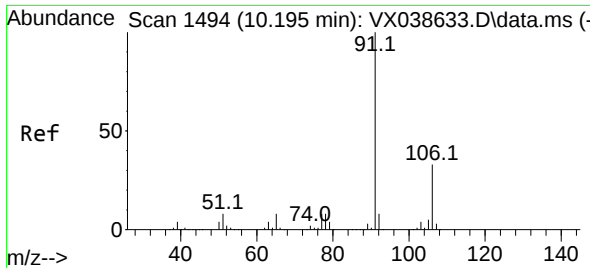
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.868 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

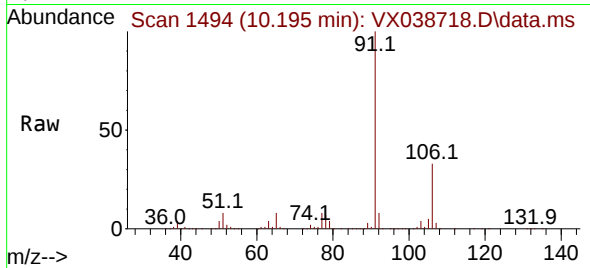
Tgt Ion:131 Resp: 178666
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.1 32.2 96.6





#67
Ethyl Benzene
Concen: 52.271 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

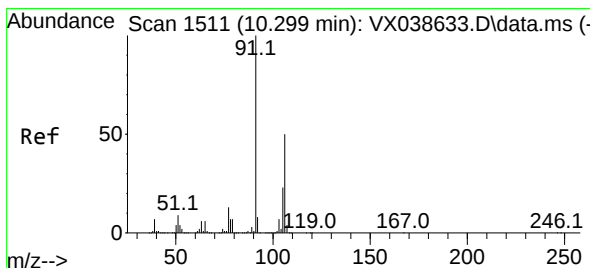
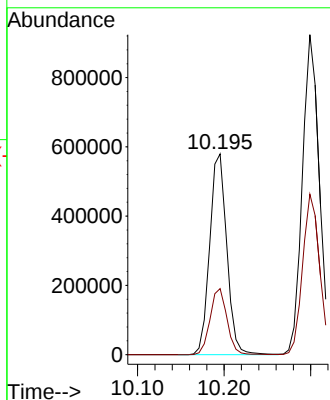
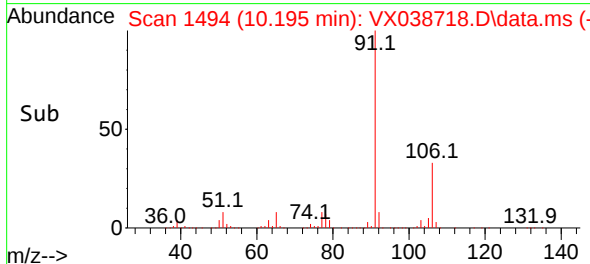
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



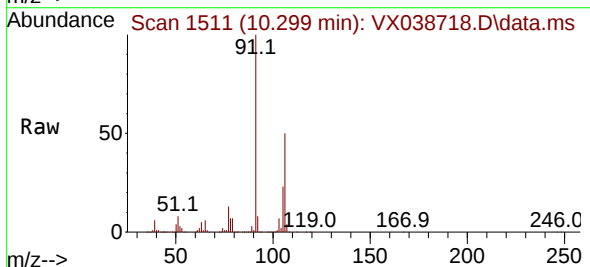
Tgt Ion: 91 Resp: 79485
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

Manual Integrations
APPROVED

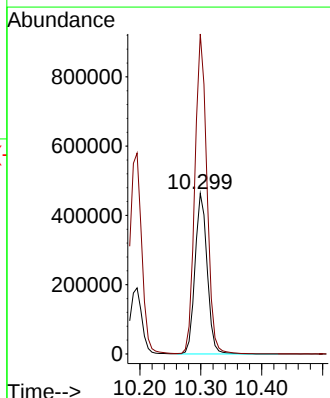
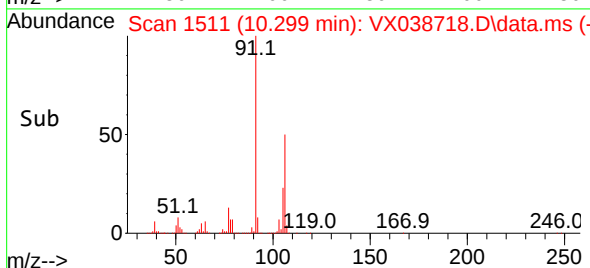
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

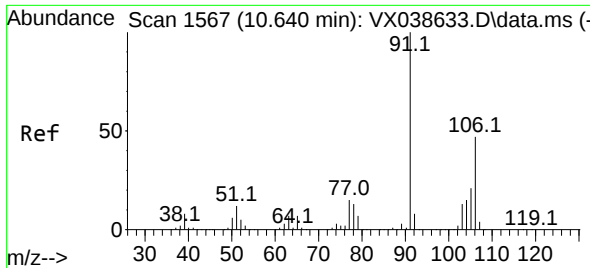


#68
m/p-Xylenes
Concen: 105.848 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



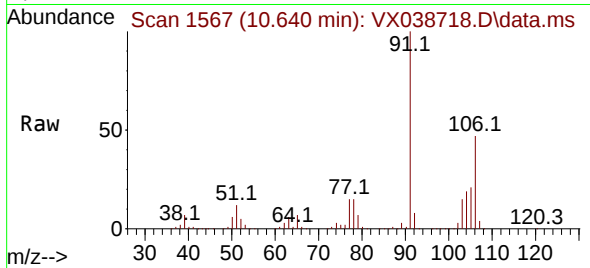
Tgt Ion:106 Resp: 638810
Ion Ratio Lower Upper
106 100
91 198.1 165.5 248.3





#69
o-Xylene
Concen: 52.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

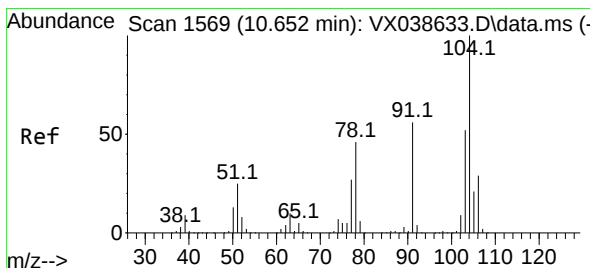
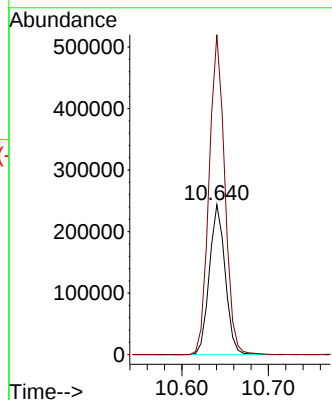
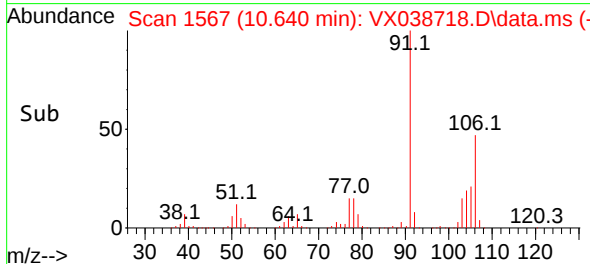
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 30946
Ion Ratio Lower Upper
106 100
91 211.3 108.9 326.8

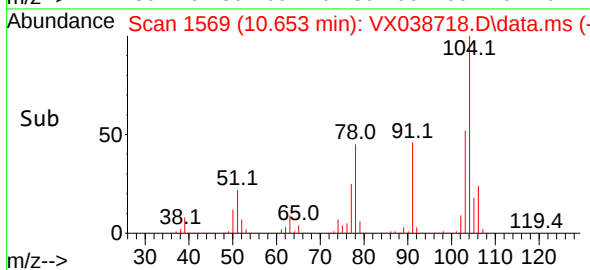
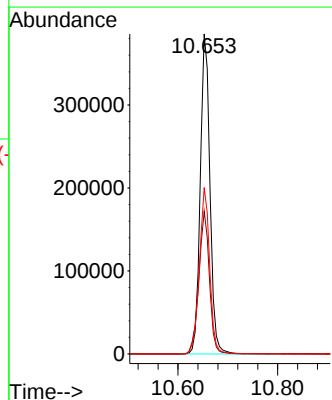
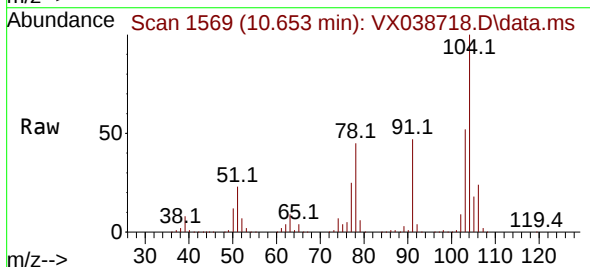
Manual Integrations
APPROVED

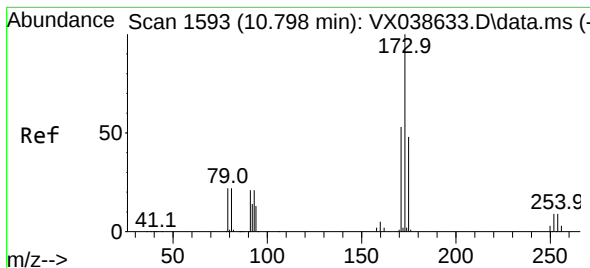
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Styrene
Concen: 53.592 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

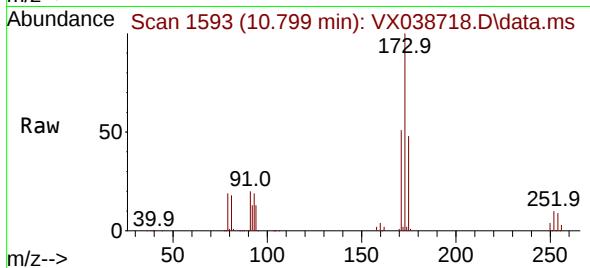
Tgt Ion:104 Resp: 519104
Ion Ratio Lower Upper
104 100
78 48.6 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 53.135 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

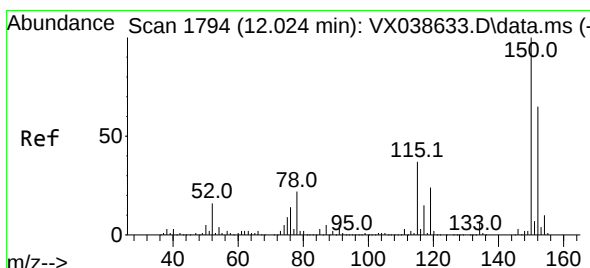
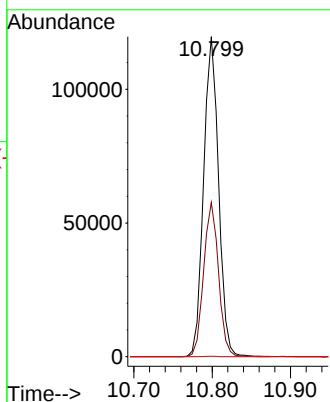
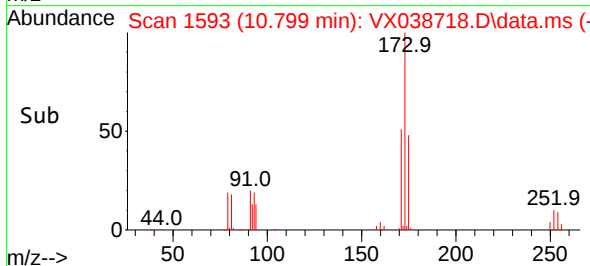
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 158494
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.1 0.0 0.0

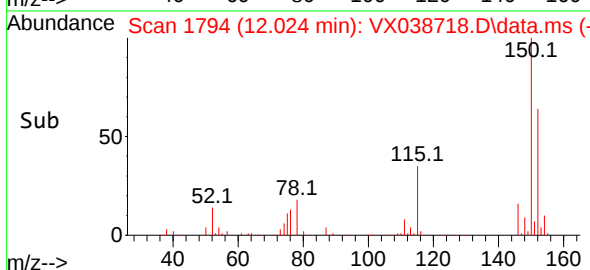
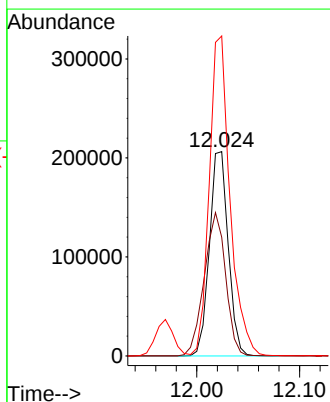
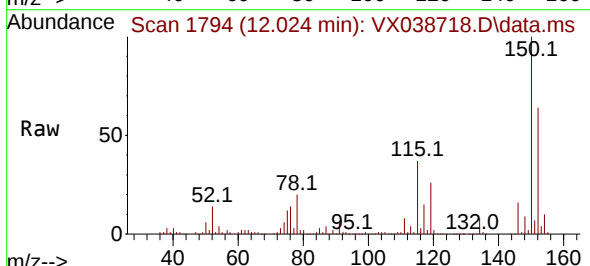
Manual Integrations
APPROVED

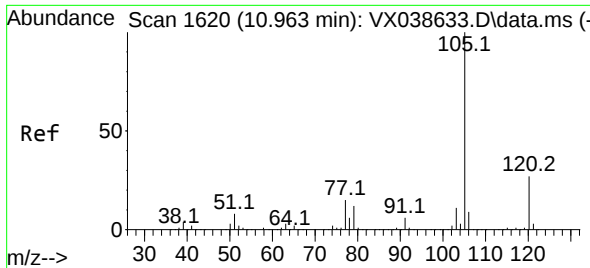
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion:152 Resp: 261950
Ion Ratio Lower Upper
152 100
115 80.1 43.3 129.9
150 172.2 0.0 345.0





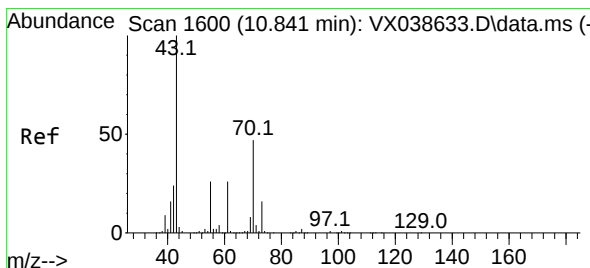
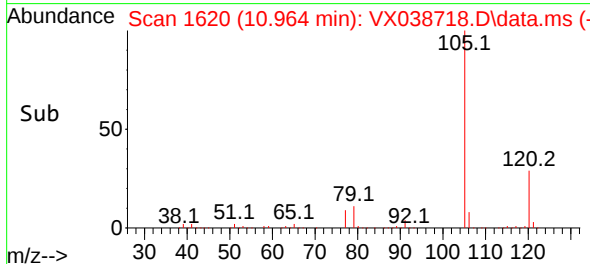
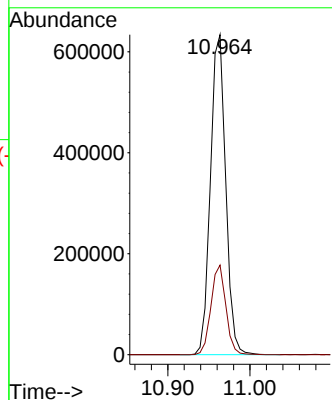
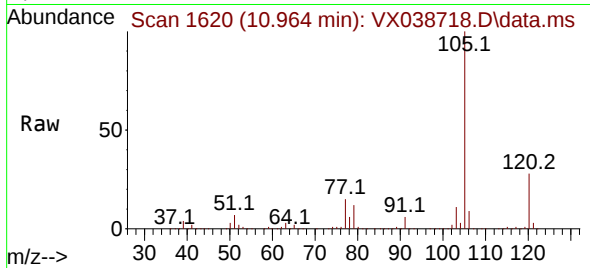
#73
Isopropylbenzene
Concen: 50.930 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 818478
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

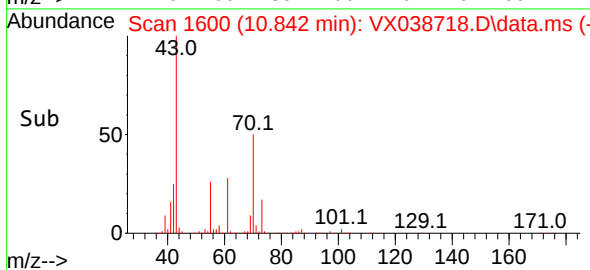
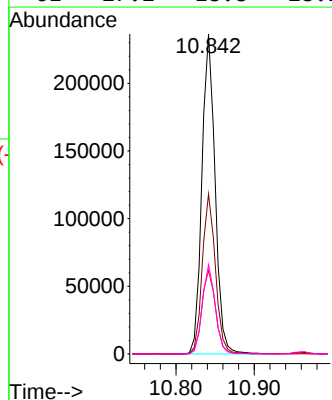
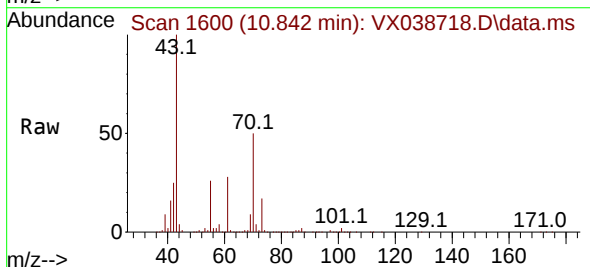
Manual Integrations
APPROVED

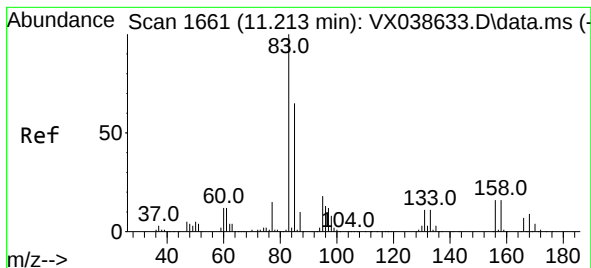
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#74
N-ethyl acetate
Concen: 49.608 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

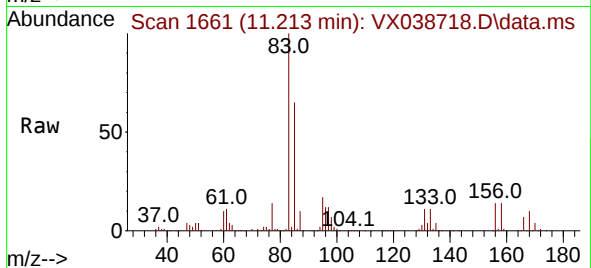
Tgt Ion: 43 Resp: 277001
Ion Ratio Lower Upper
43 100
70 49.9 32.9 49.3#
55 27.1 19.3 28.9
61 27.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.324 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

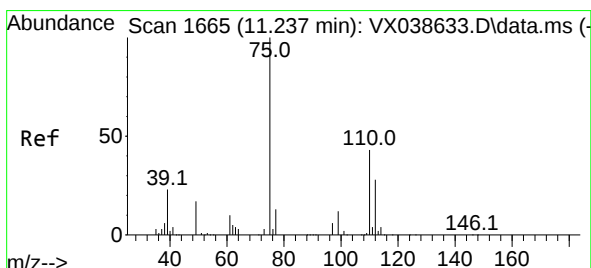
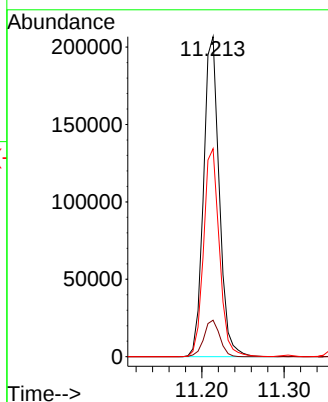
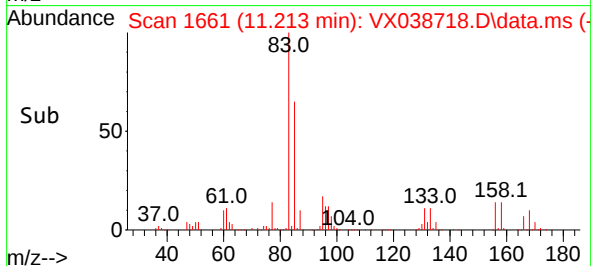
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



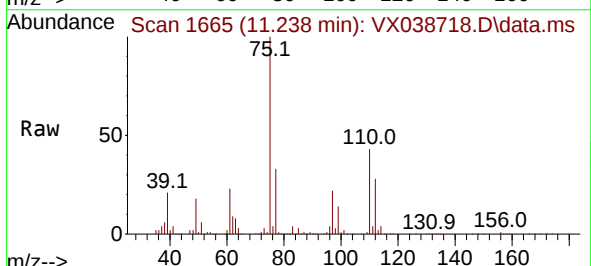
Tgt Ion: 83 Resp: 27403
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 65.5 32.0 96.2

Manual Integrations
APPROVED

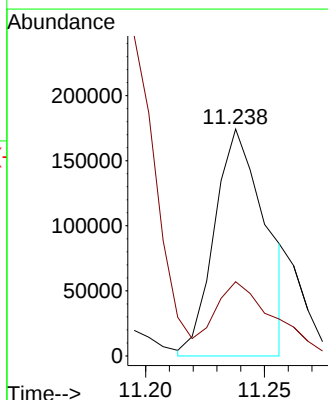
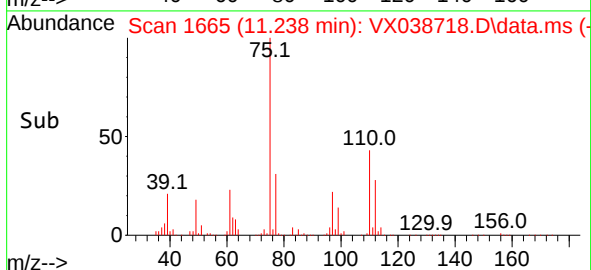
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

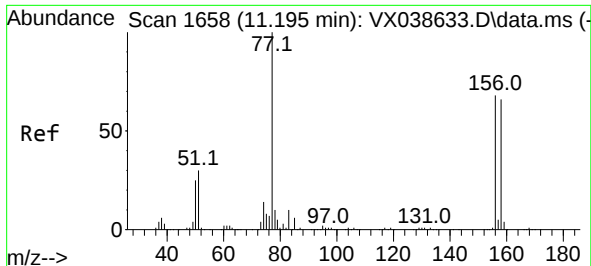


#76
1,2,3-Trichloropropane
Concen: 50.219 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



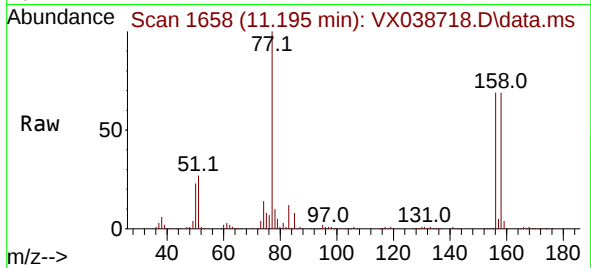
Tgt Ion: 75 Resp: 260532
Ion Ratio Lower Upper
75 100
77 37.9 19.1 57.5





#77
Bromobenzene
Concen: 50.131 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

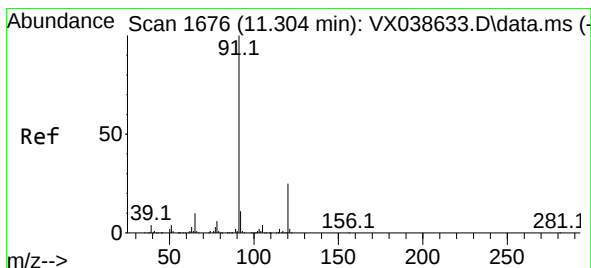
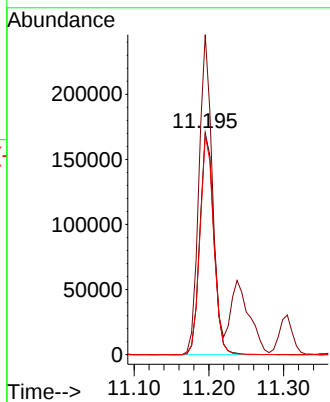
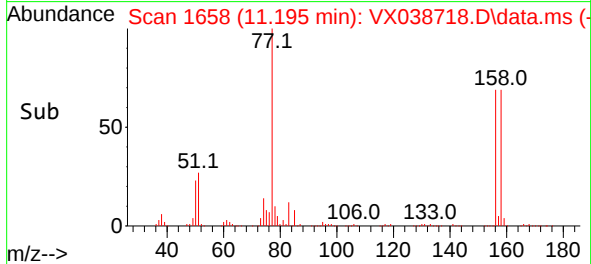
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



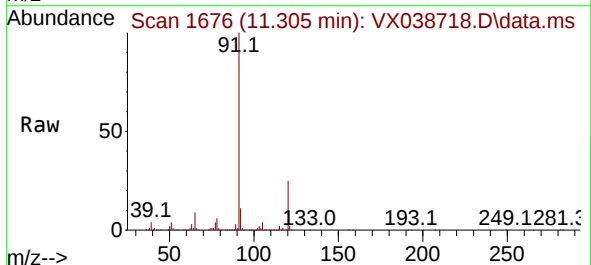
Tgt Ion:156 Resp: 22110
Ion Ratio Lower Upper
156 100
77 138.0 88.4 265.3
158 97.9 48.0 144.0

Manual Integrations
APPROVED

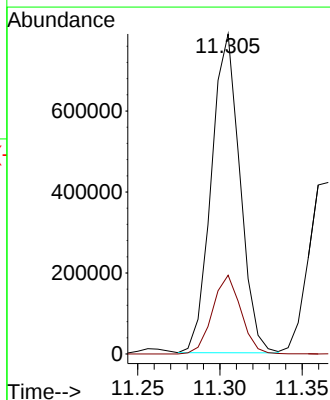
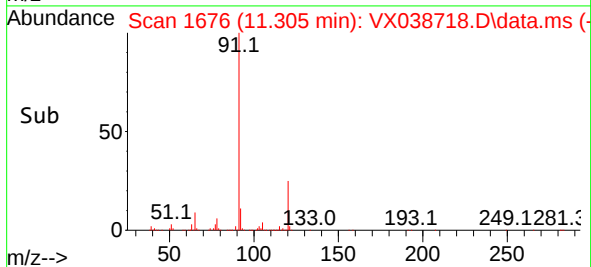
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

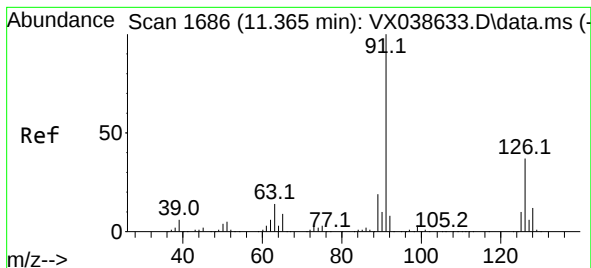


#78
n-propylbenzene
Concen: 50.999 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



Tgt Ion: 91 Resp: 953732
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





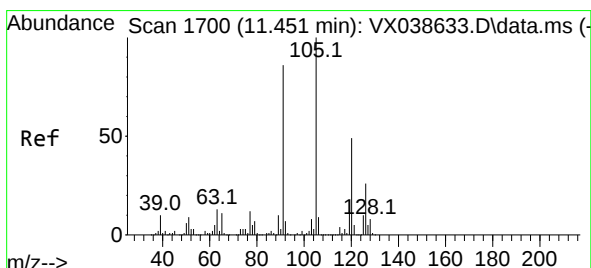
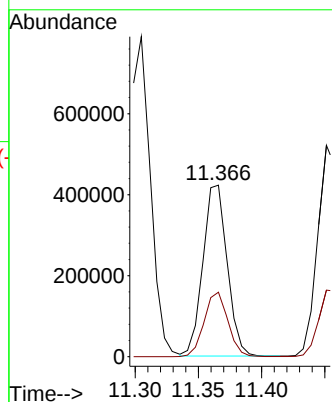
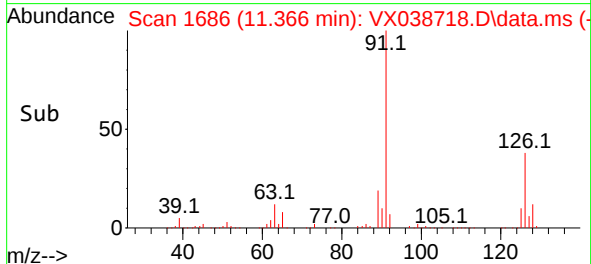
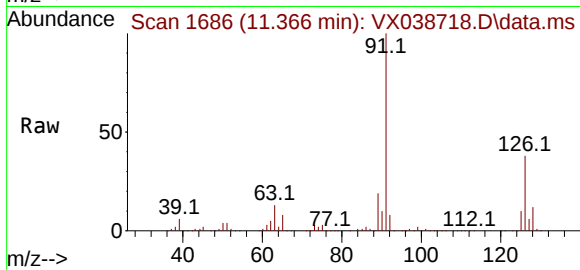
#79
2-Chlorotoluene
Concen: 50.371 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 563972
Ion Ratio Lower Upper
91 100
126 36.9 16.3 48.8

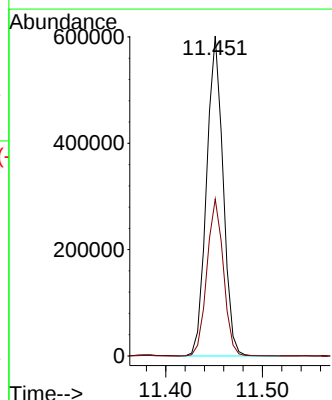
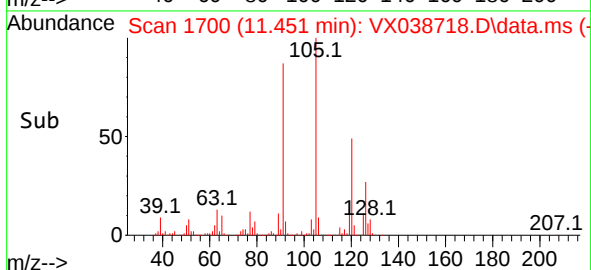
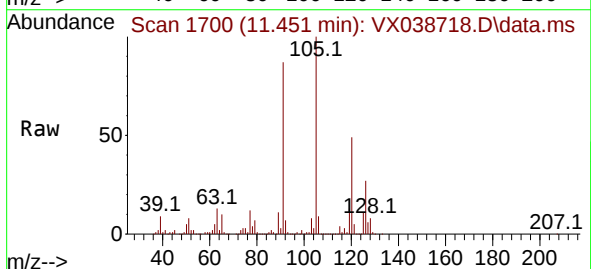
Manual Integrations
APPROVED

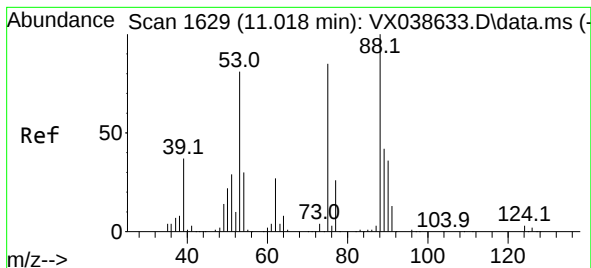
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion:105 Resp: 713806
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





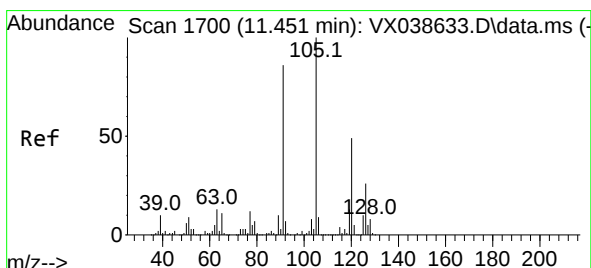
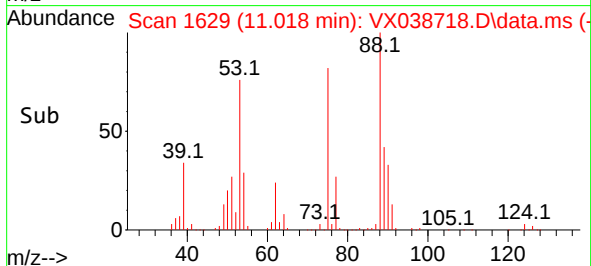
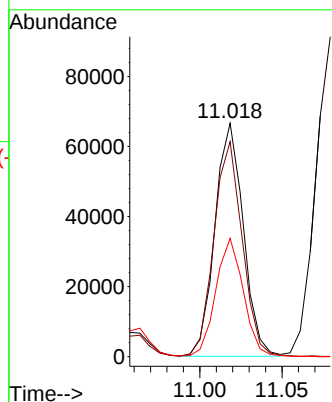
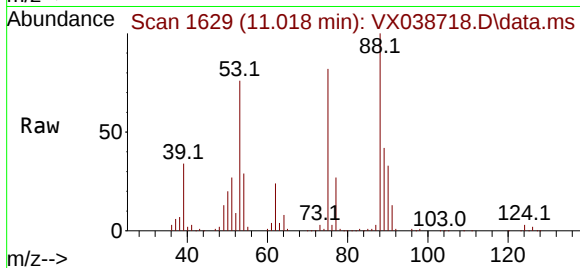
#81
trans-1,4-Dichloro-2-butene
Concen: 48.368 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7992
Ion Ratio Lower Upper
75 100
53 91.9 90.5 135.7
89 49.5 36.9 55.3

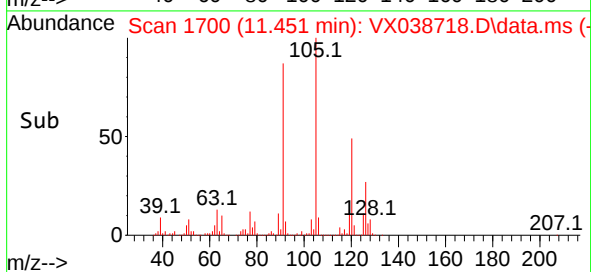
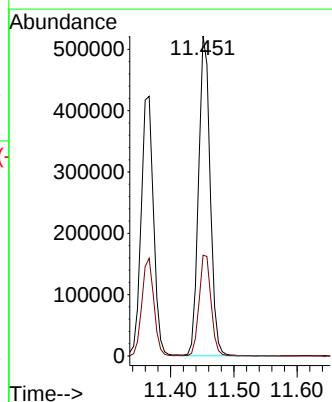
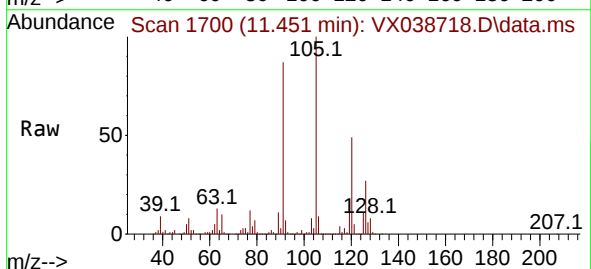
Manual Integrations
APPROVED

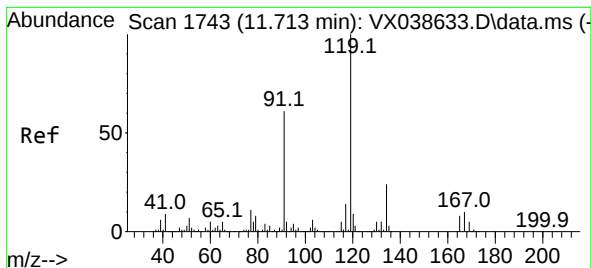
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 50.930 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion: 91 Resp: 666161
Ion Ratio Lower Upper
91 100
126 32.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.261 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 718418

Ion Ratio Lower Upper

119 100

91 56.4 31.2 93.6

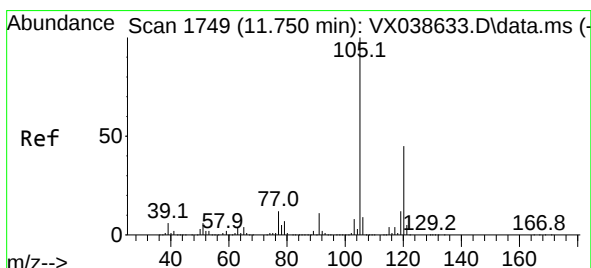
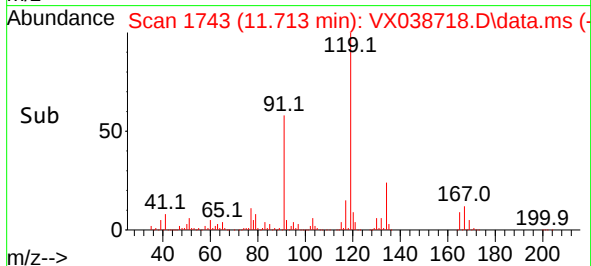
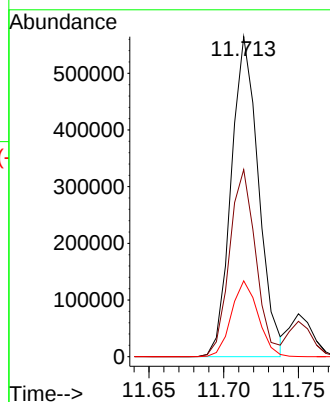
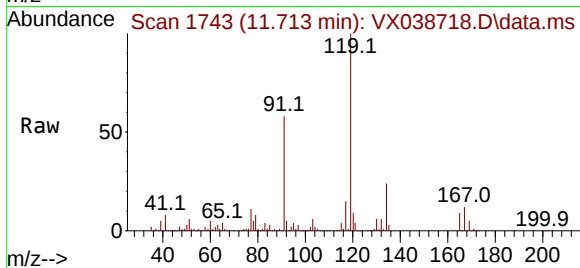
134 23.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.460 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038718.D

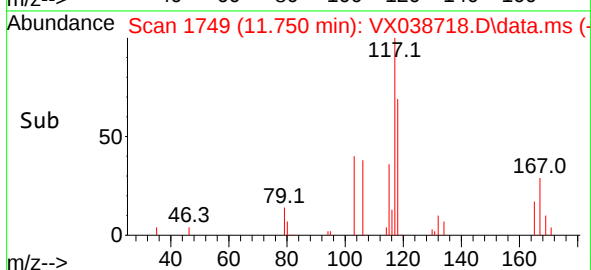
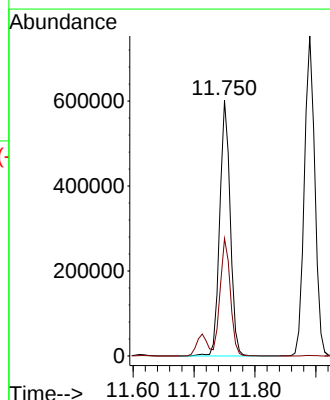
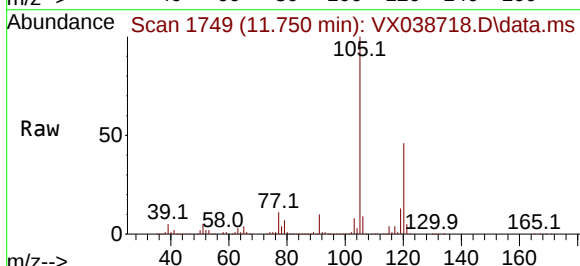
Acq: 10 Nov 2023 10:35

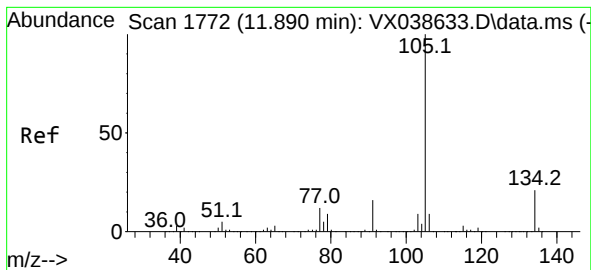
Tgt Ion:105 Resp: 719651

Ion Ratio Lower Upper

105 100

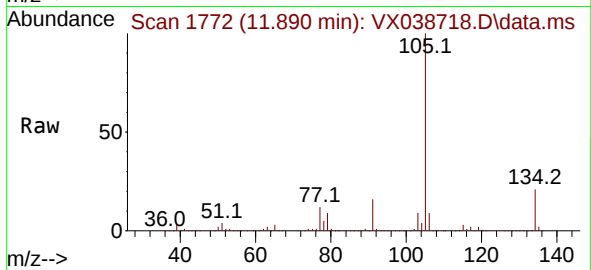
120 44.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.264 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35

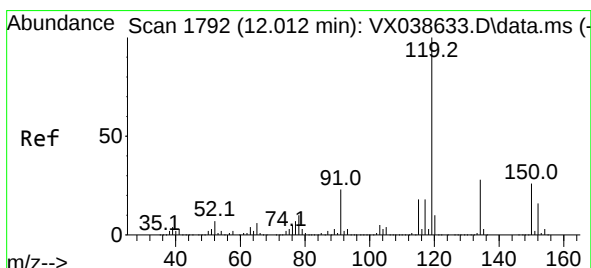
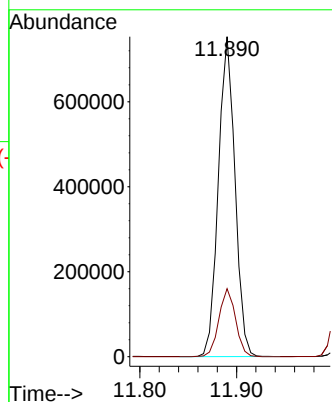
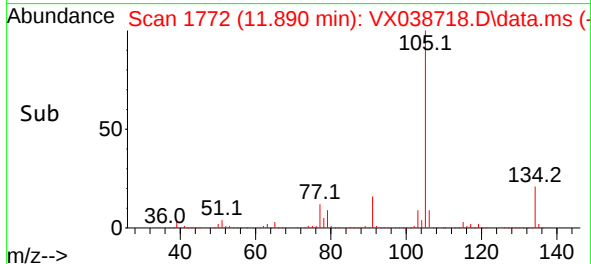
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 89648
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

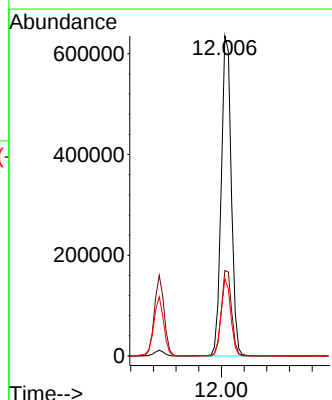
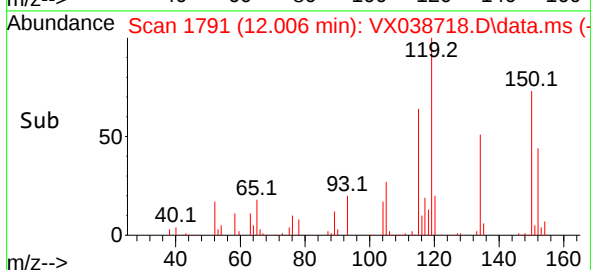
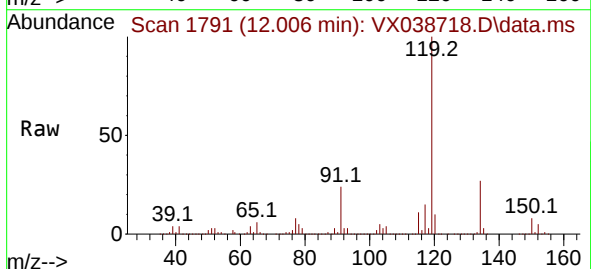
Manual Integrations
 APPROVED

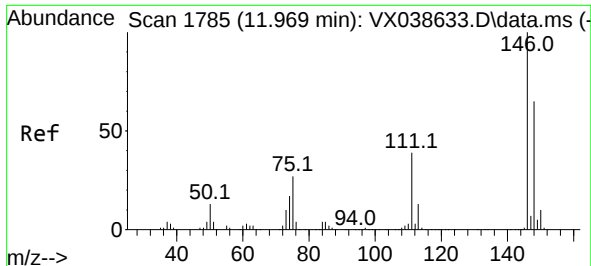
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#86
 p-Isopropyltoluene
 Concen: 52.496 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038718.D
 Acq: 10 Nov 2023 10:35

Tgt Ion:119 Resp: 782037
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.589 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 42658

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

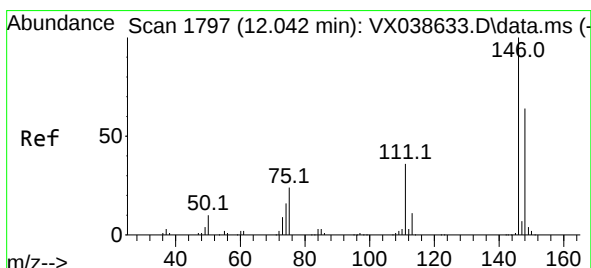
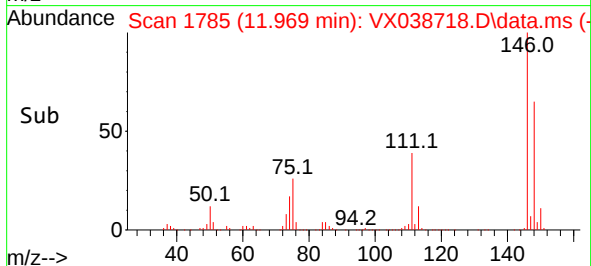
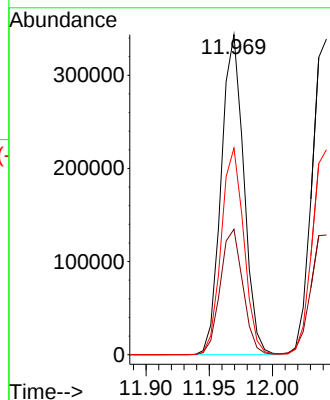
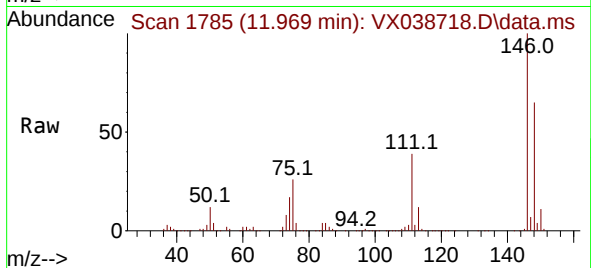
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 49.930 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

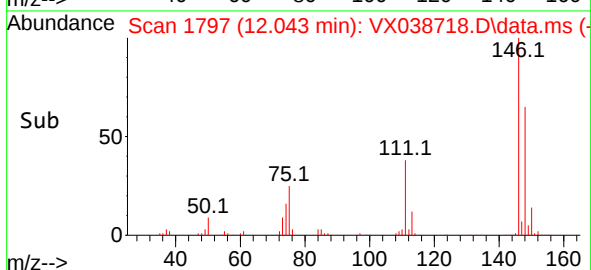
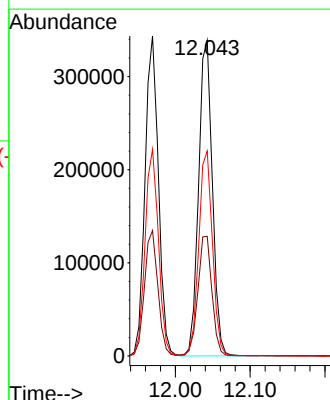
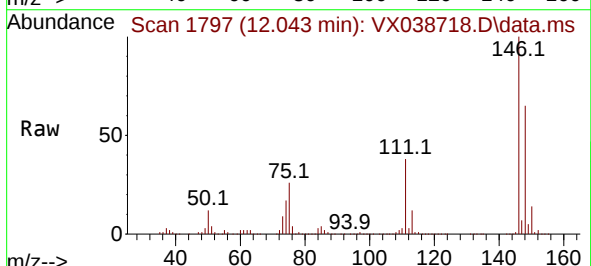
Tgt Ion:146 Resp: 432764

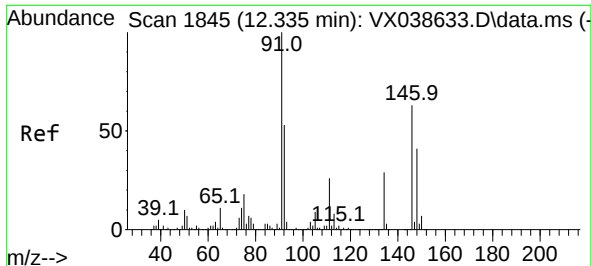
Ion Ratio Lower Upper

146 100

111 38.9 21.3 63.7

148 64.5 31.8 95.4





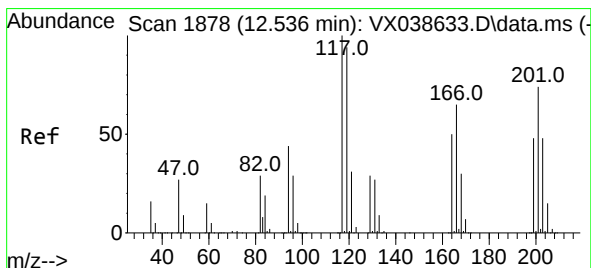
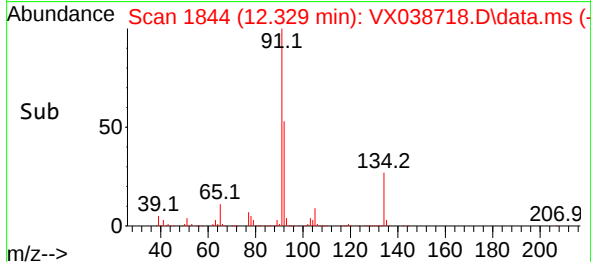
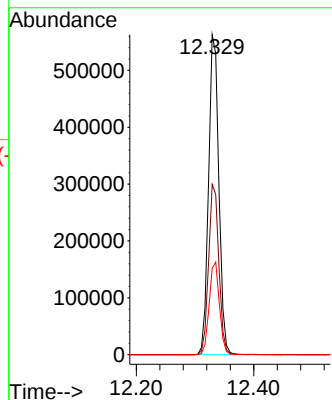
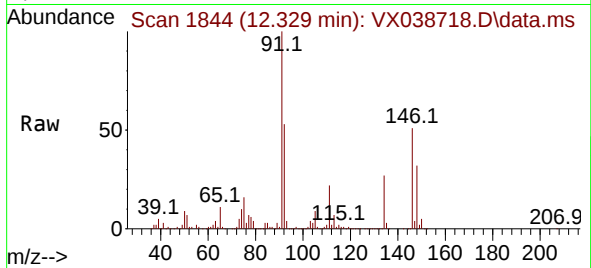
#89
n-Butylbenzene
Concen: 51.709 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68549
Ion Ratio Lower Upper
91 100
92 53.1 27.4 82.0
134 28.7 12.6 37.8

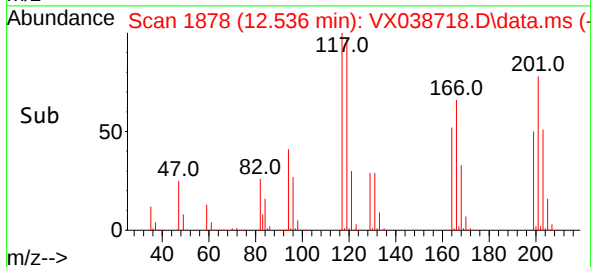
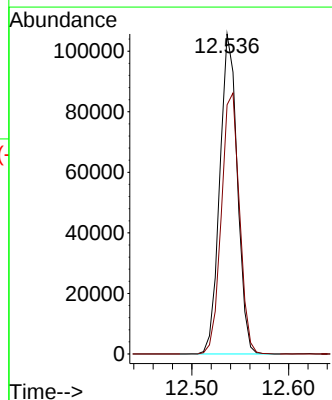
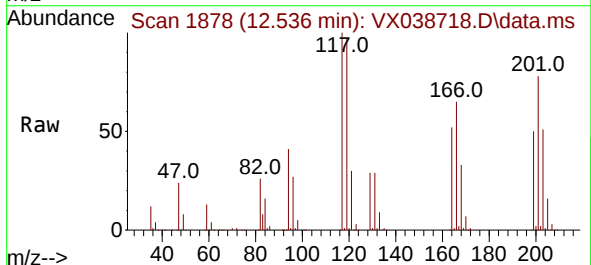
Manual Integrations
APPROVED

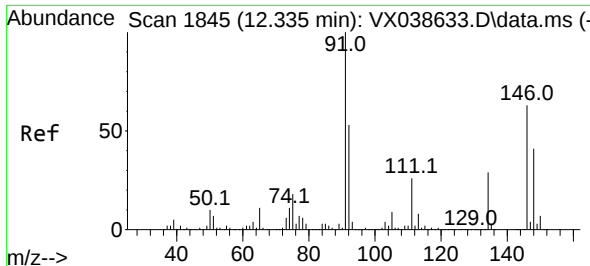
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#90
Hexachloroethane
Concen: 52.665 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

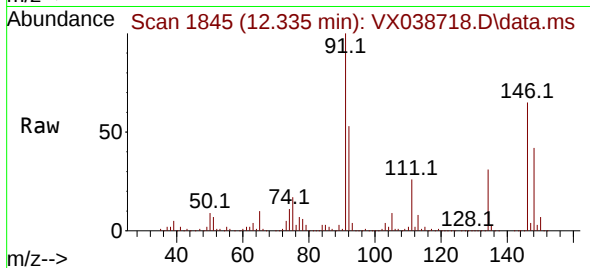
Tgt Ion:117 Resp: 132894
Ion Ratio Lower Upper
117 100
201 83.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.461 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

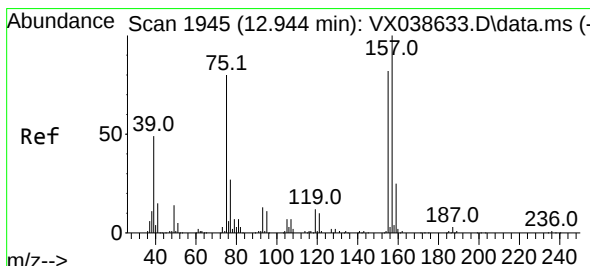
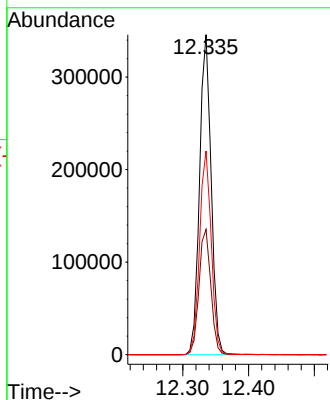
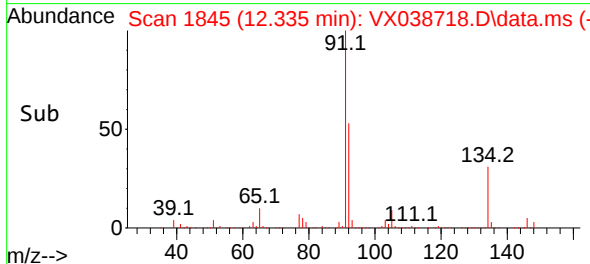
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



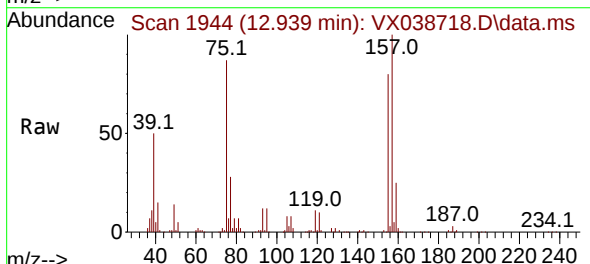
Tgt Ion:146 Resp: 42379
Ion Ratio Lower Upper
146 100
111 40.0 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

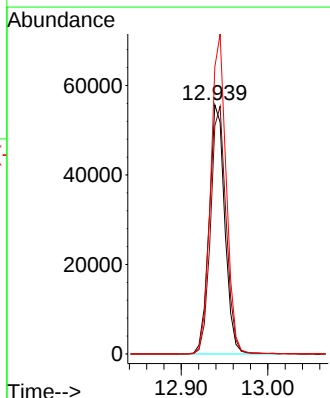
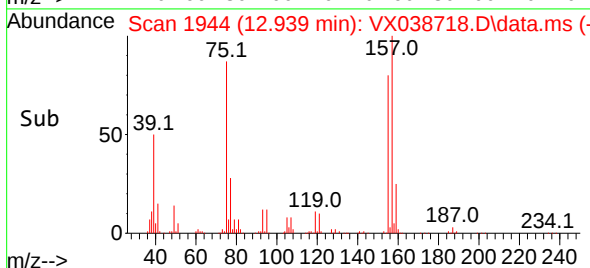
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

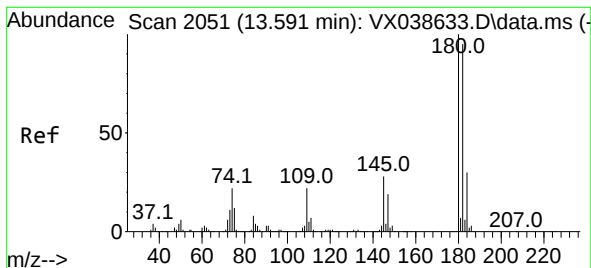


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.074 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35



Tgt Ion: 75 Resp: 69920
Ion Ratio Lower Upper
75 100
155 98.5 36.1 108.5
157 127.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.830 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 311178

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

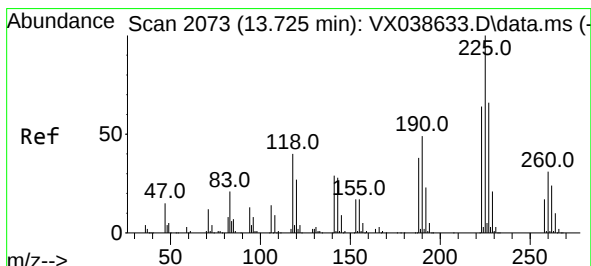
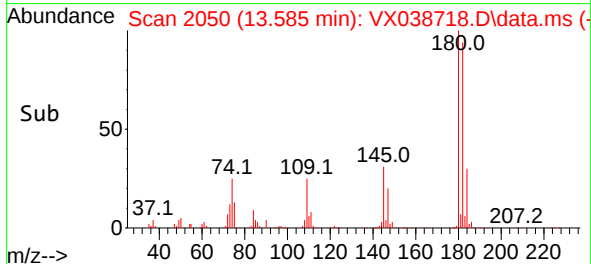
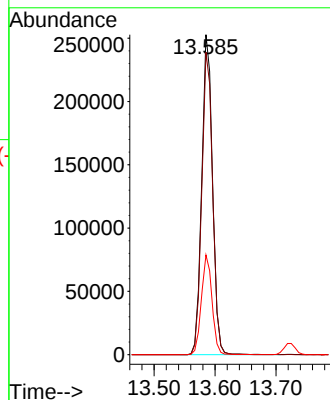
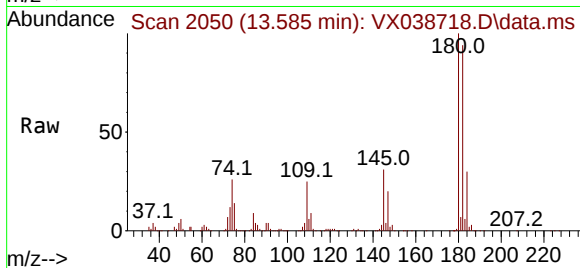
145 30.7 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#94

Hexachlorobutadiene

Concen: 52.723 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038718.D

Acq: 10 Nov 2023 10:35

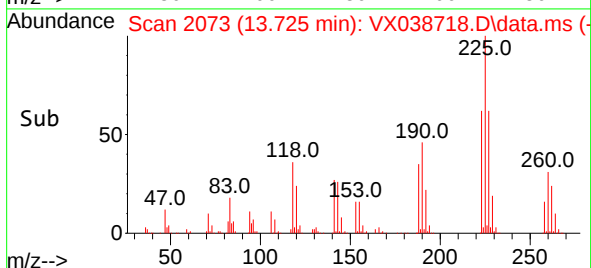
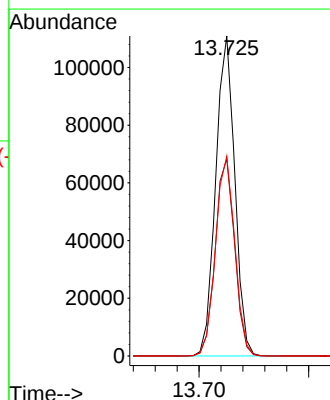
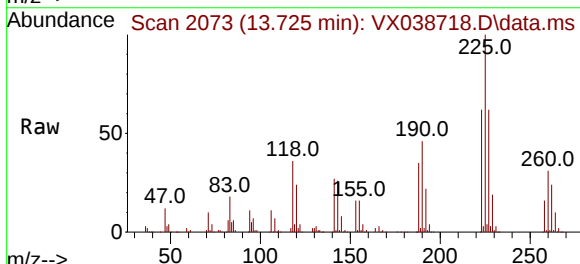
Tgt Ion:225 Resp: 134004

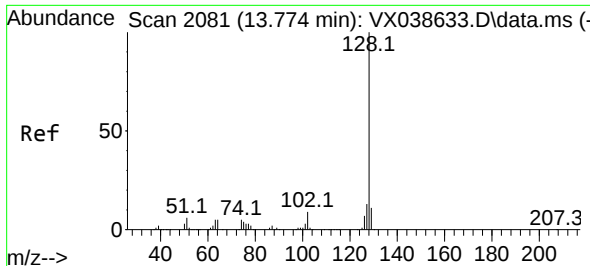
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

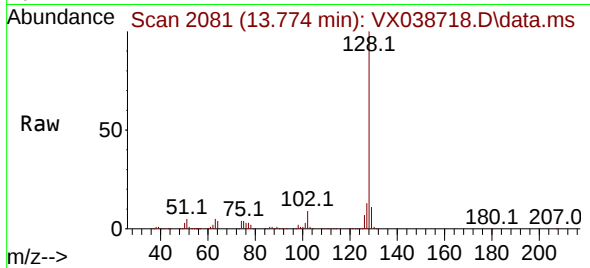
227 63.4 32.5 97.5





#95
Naphthalene
Concen: 52.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

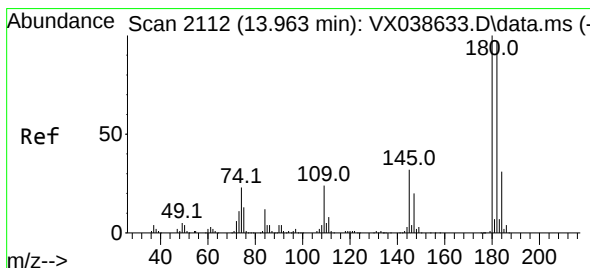
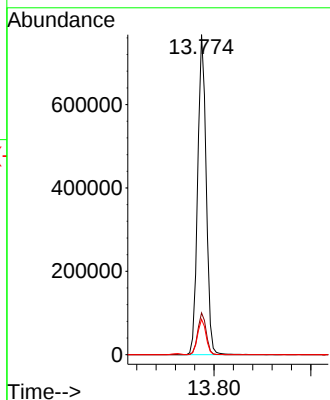
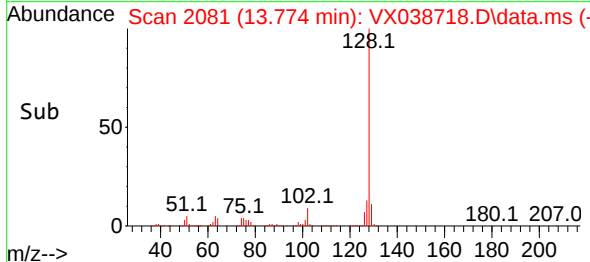
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 93194
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.033 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038718.D
Acq: 10 Nov 2023 10:35

Tgt Ion:180 Resp: 296284
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 33.2 17.8 53.5

