

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038818.D
 Acq On : 14 Nov 2023 19:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 15 15:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78352	46.467	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.940%		
35) Dibromofluoromethane	5.385	113	69008	46.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	261837	47.941	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	11.079	95	110522	48.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64412	48.052	ug/l	97
3) Chloromethane	1.294	50	62706	45.042	ug/l	97
4) Vinyl Chloride	1.374	62	55881	45.817	ug/l	98
5) Bromomethane	1.599	94	35398	56.341	ug/l	97
6) Chloroethane	1.685	64	33577	45.627	ug/l	99
7) Trichlorofluoromethane	1.886	101	83847	46.112	ug/l	100
8) Diethyl Ether	2.130	74	30178	44.331	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	62655	47.388	ug/l	96
10) Methyl Iodide	2.453	142	84880	49.519	ug/l	89
11) Tert butyl alcohol	2.953	59	92875	215.554	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	64025	47.096	ug/l	84
13) Acrolein	2.233	56	67785	236.702	ug/l	100
14) Allyl chloride	2.666	41	116529	47.807	ug/l	89
15) Acrylonitrile	3.062	53	224315	238.929	ug/l	98
16) Acetone	2.373	43	192002	212.499	ug/l	90
17) Carbon Disulfide	2.514	76	176479	47.833	ug/l	98
18) Methyl Acetate	2.703	43	197429	47.081	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	217929	49.778	ug/l	100
20) Methylene Chloride	2.788	84	74265	43.946	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	70917	48.288	ug/l	89
22) Diisopropyl ether	3.757	45	212866	48.007	ug/l	90
23) Vinyl Acetate	3.721	43	751046	249.352	ug/l	96
24) 1,1-Dichloroethane	3.611	63	120574	47.423	ug/l	98
25) 2-Butanone	4.550	43	307361	228.908	ug/l	91
26) 2,2-Dichloropropane	4.477	77	89373	47.166	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	81508	48.546	ug/l	89
28) Bromochloromethane	4.897	49	56318	48.970	ug/l	84
29) Tetrahydrofuran	5.001	42	204650	237.505	ug/l	93
30) Chloroform	5.093	83	125226	46.819	ug/l	99
31) Cyclohexane	5.471	56	108006	47.031	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107384	48.734	ug/l	97
36) 1,1-Dichloropropene	5.690	75	94078	45.383	ug/l	97
37) Ethyl Acetate	4.708	43	114502	48.171	ug/l #	95
38) Carbon Tetrachloride	5.678	117	91622	47.812	ug/l	97
39) Methylcyclohexane	7.379	83	117591	45.896	ug/l	96
40) Benzene	6.037	78	280649	46.622	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60252	47.580	ug/l	92
42) 1,2-Dichloroethane	6.086	62	93795	45.691	ug/l	95
43) Isopropyl Acetate	6.336	43	173364	48.416	ug/l #	94
44) Trichloroethene	7.123	130	78230	47.770	ug/l	100
45) 1,2-Dichloropropane	7.427	63	73015	48.927	ug/l	99
46) Dibromomethane	7.580	93	51070	48.188	ug/l	96
47) Bromodichloromethane	7.818	83	94669	47.858	ug/l	100
48) Methyl methacrylate	7.690	41	89089	50.836	ug/l	87
49) 1,4-Dioxane	7.653	88	34102	957.145	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	578121	238.931	ug/l	96
52) Toluene	8.720	92	182626	49.109	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107702	52.002	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	115551	50.128	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	74008	47.520	ug/l	96
56) Ethyl methacrylate	9.116	69	121642	50.266	ug/l	90
57) 1,3-Dichloropropane	9.305	76	120839	47.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	279244	239.631	ug/l	97
59) 2-Hexanone	9.427	43	457472	234.620	ug/l	93
60) Dibromochloromethane	9.519	129	77657	51.863	ug/l	99
61) 1,2-Dibromoethane	9.610	107	80532	48.040	ug/l	99
64) Tetrachloroethene	9.275	164	60634	48.043	ug/l	95
65) Chlorobenzene	10.079	112	197609	48.916	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69520	50.330	ug/l	97
67) Ethyl Benzene	10.195	91	344849	48.015	ug/l	98
68) m/p-Xylenes	10.299	106	267577	97.695	ug/l	99
69) o-Xylene	10.640	106	130686	49.171	ug/l	99
70) Styrene	10.653	104	223391	50.240	ug/l	97
71) Bromoform	10.799	173	55043	51.420	ug/l #	99
73) Isopropylbenzene	10.963	105	341750	48.703	ug/l	98
74) N-amyl acetate	10.841	43	152833	52.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	122041	48.062	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102576m	47.612	ug/l	
77) Bromobenzene	11.195	156	83070	49.742	ug/l	96
78) n-propylbenzene	11.305	91	403428	48.068	ug/l	99
79) 2-Chlorotoluene	11.366	91	245529	47.710	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	298004	49.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37559	50.095	ug/l	87
82) 4-Chlorotoluene	11.451	91	286880	48.423	ug/l	98
83) tert-Butylbenzene	11.713	119	285733	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	299187	49.410	ug/l	96
85) sec-Butylbenzene	11.890	105	367465	48.547	ug/l	99
86) p-Isopropyltoluene	12.006	119	307988	49.907	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	158870	47.261	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	161058	47.286	ug/l	99
89) n-Butylbenzene	12.329	91	280339	48.764	ug/l	98
90) Hexachloroethane	12.536	117	50663	51.412	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	153485	48.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30848	50.929	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	102226	49.970	ug/l	98
94) Hexachlorobutadiene	13.725	225	36945	47.396	ug/l	99
95) Naphthalene	13.774	128	369053	50.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	97709	48.536	ug/l	98

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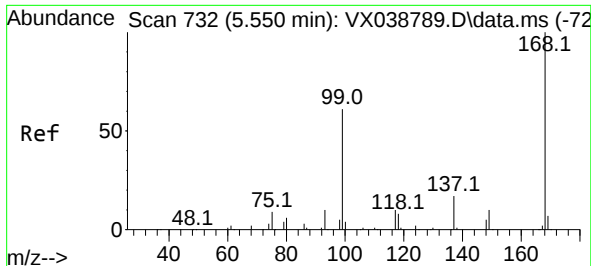
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration

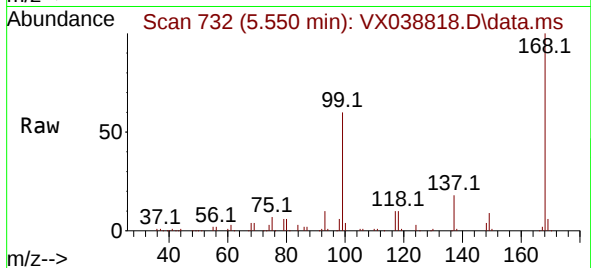
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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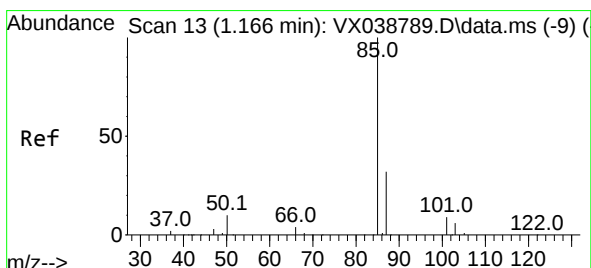
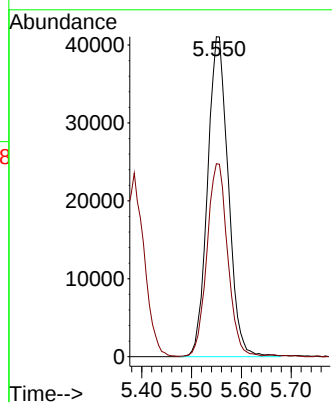
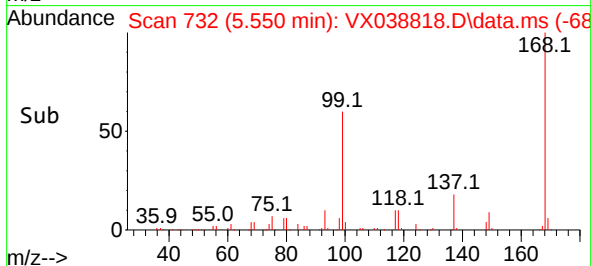
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11852
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

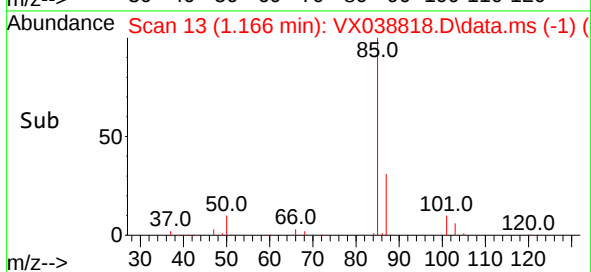
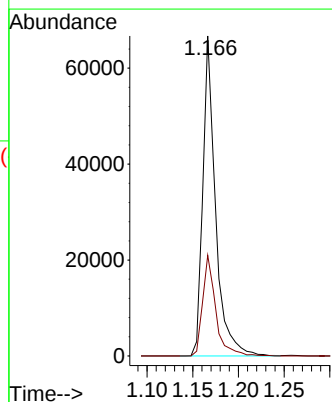
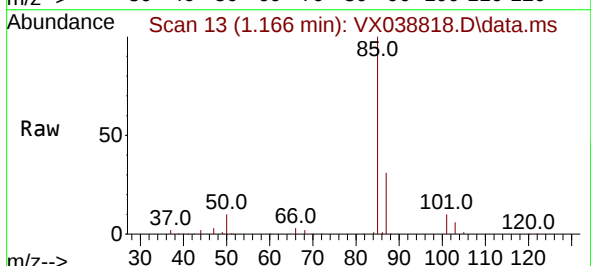
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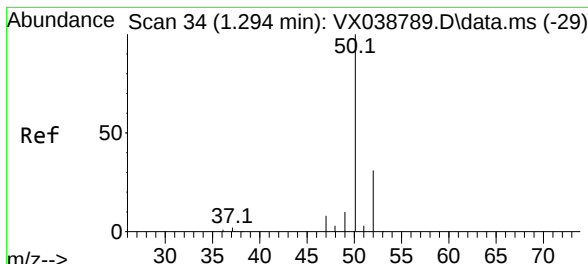
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#2
Dichlorodifluoromethane
Concen: 48.052 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 85 Resp: 64412
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





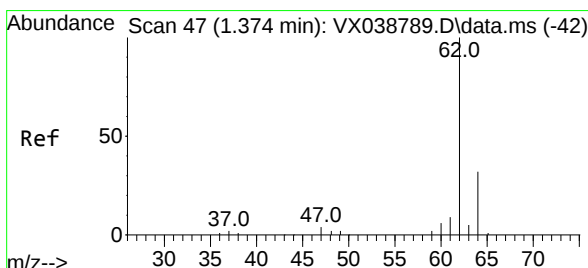
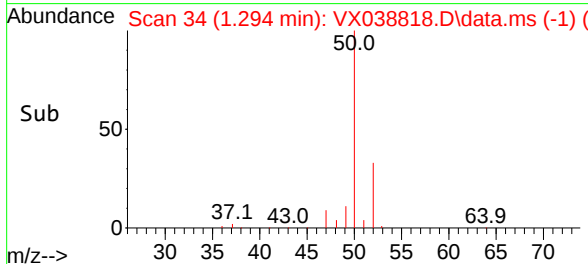
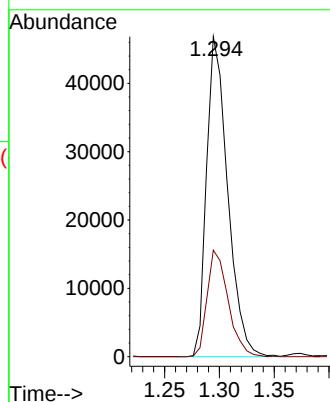
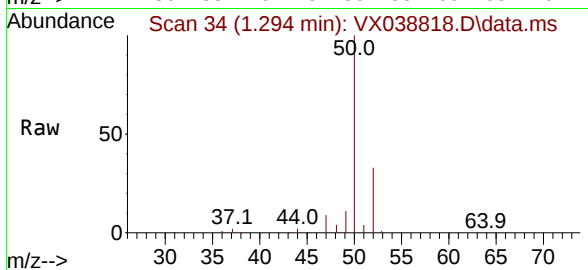
#3
Chloromethane
Concen: 45.042 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

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Tgt Ion: 50 Resp: 62700
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

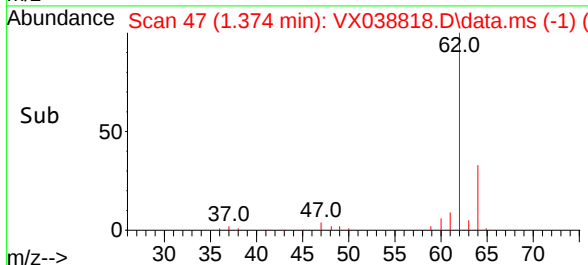
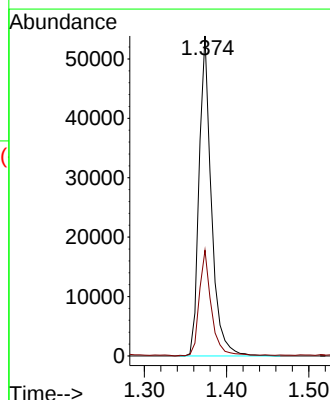
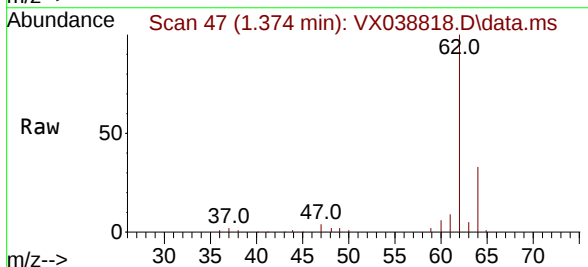
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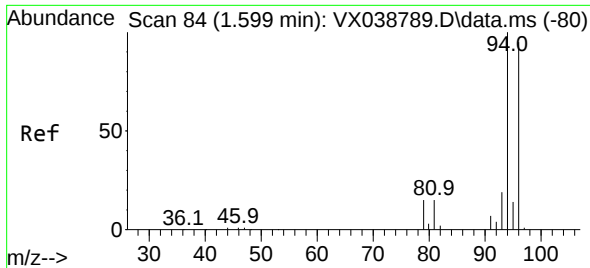
Reviewed By :John Carlone 11/15/2023
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#4
Vinyl Chloride
Concen: 45.817 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

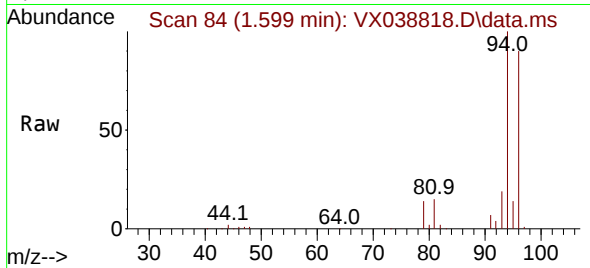
Tgt Ion: 62 Resp: 55881
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 56.341 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

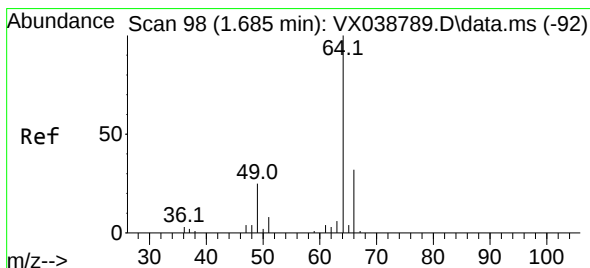
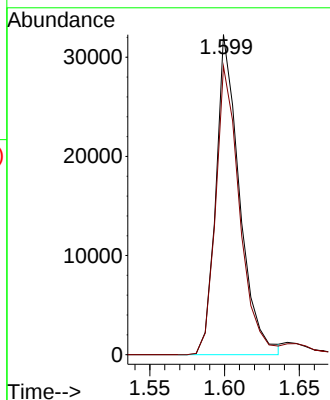
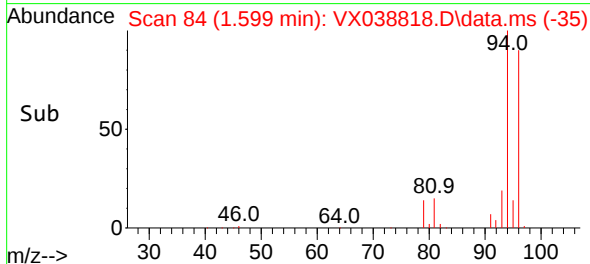
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Tgt Ion: 94 Resp: 35398
Ion Ratio Lower Upper
94 100
96 90.1 74.6 111.8

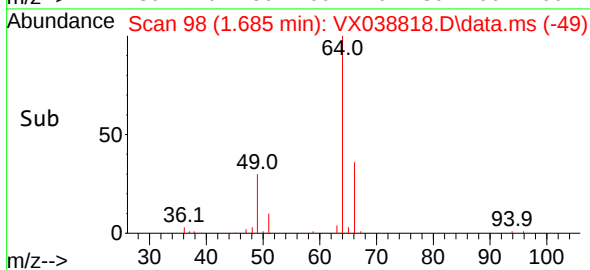
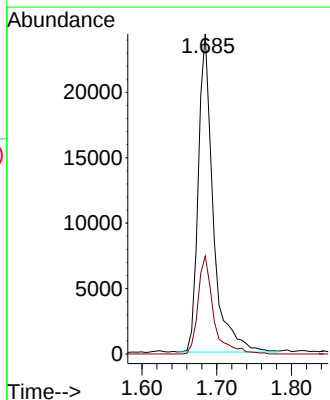
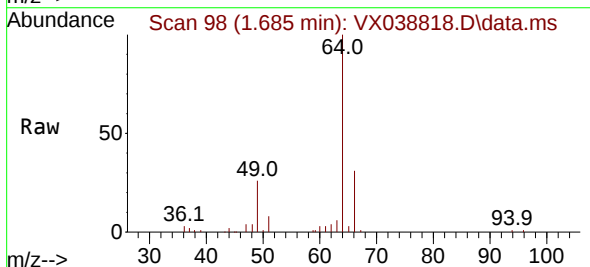
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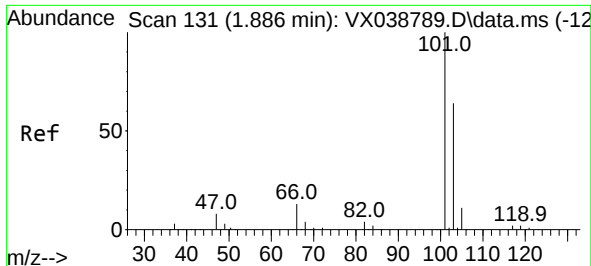
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#6
Chloroethane
Concen: 45.627 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038818.D
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Tgt Ion: 64 Resp: 33577
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





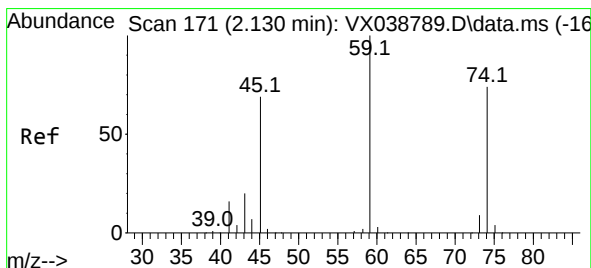
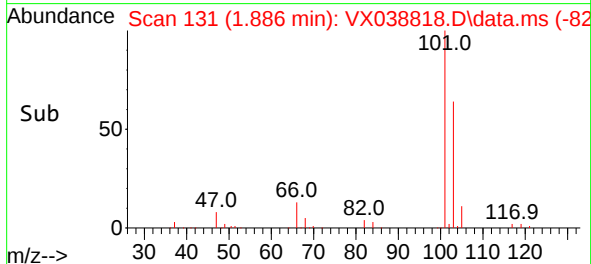
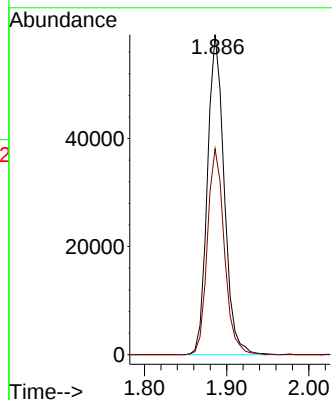
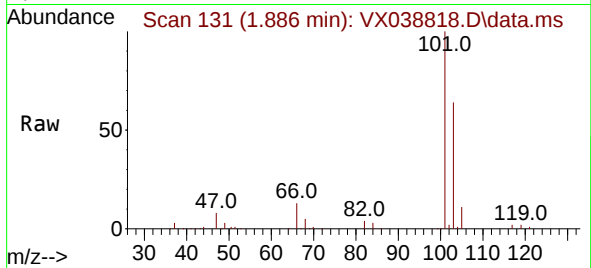
#7
Trichlorofluoromethane
Concen: 46.112 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8384
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

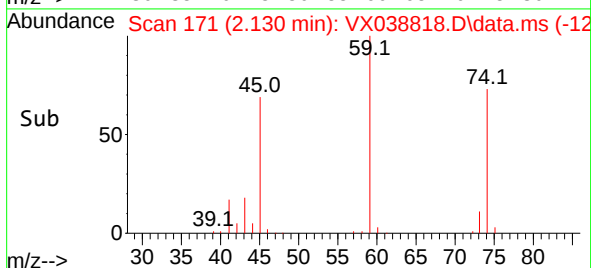
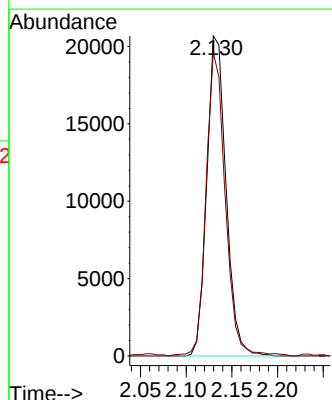
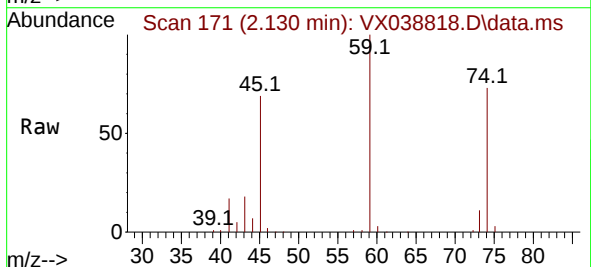
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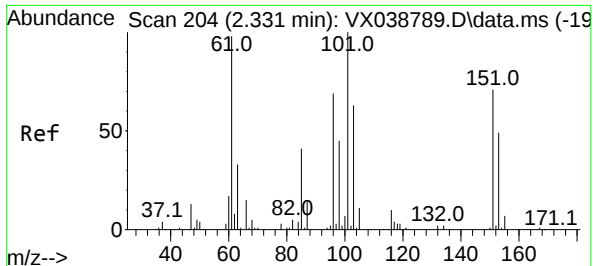
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#8
Diethyl Ether
Concen: 44.331 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038818.D
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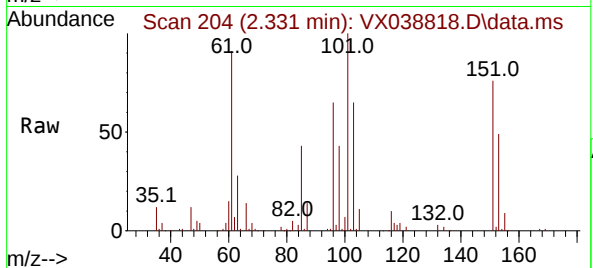
Tgt Ion: 74 Resp: 30178
Ion Ratio Lower Upper
74 100
45 94.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.388 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038818.D
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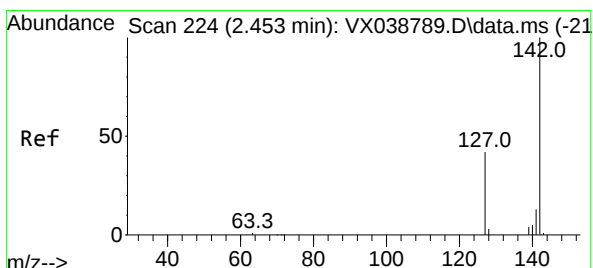
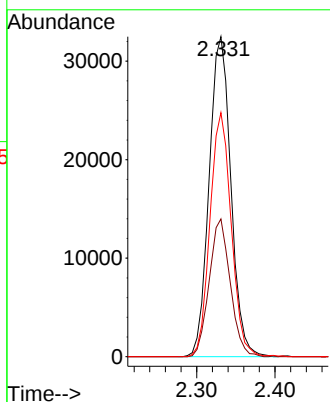
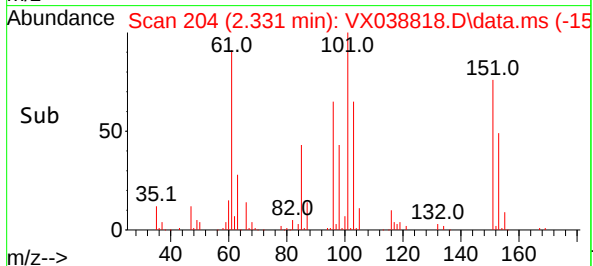
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



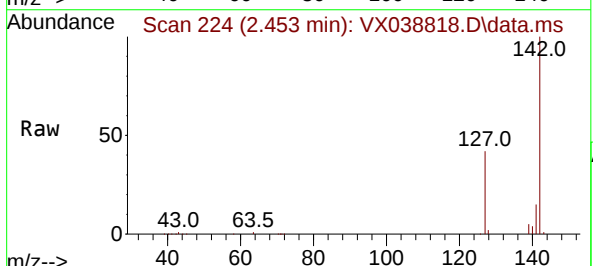
Tgt Ion:101 Resp: 6265
Ion Ratio Lower Upper
101 100
85 41.6 37.0 55.6
151 74.5 58.6 87.8

Manual Integrations
APPROVED

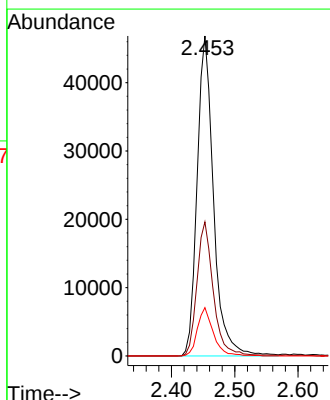
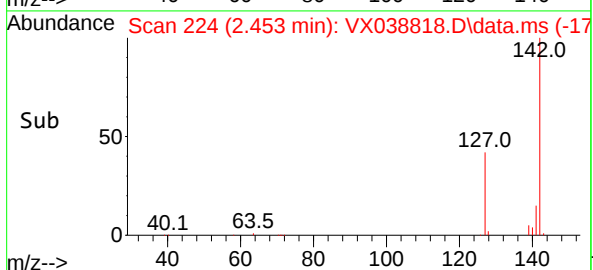
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

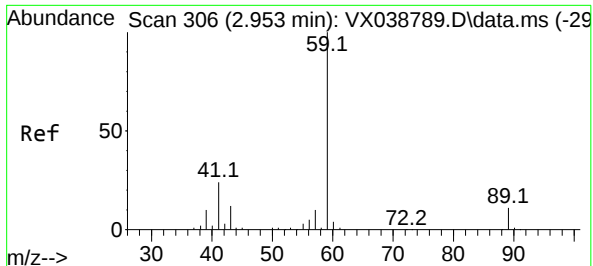


#10
Methyl Iodide
Concen: 49.519 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



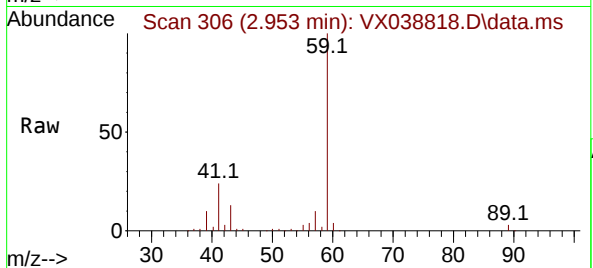
Tgt Ion:142 Resp: 84880
Ion Ratio Lower Upper
142 100
127 41.8 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 215.554 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

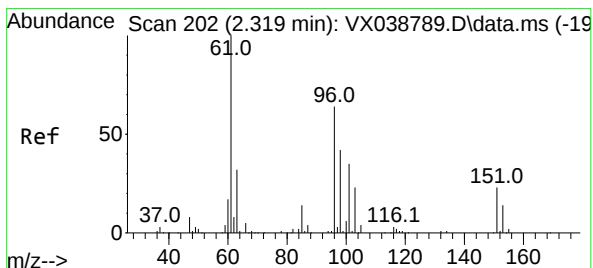
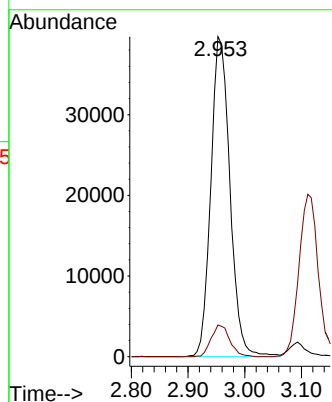
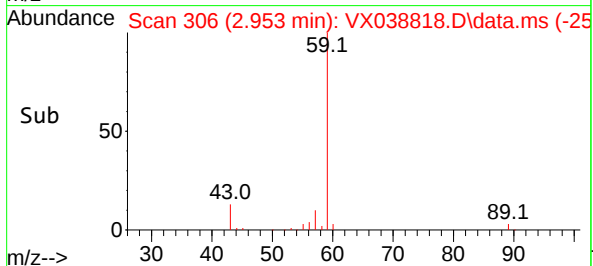
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



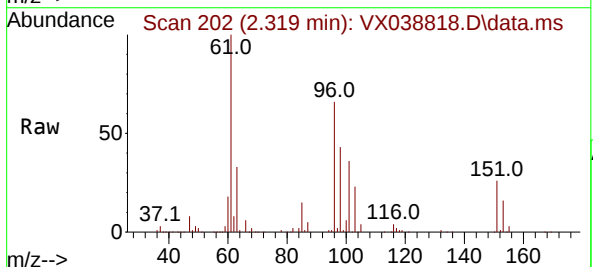
Tgt Ion: 59 Resp: 92875
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0

Manual Integrations
APPROVED

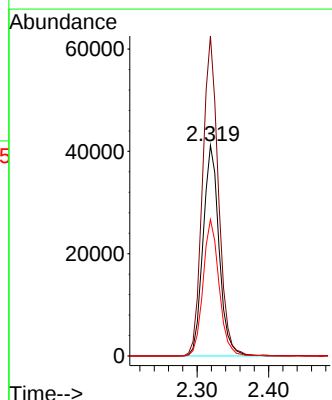
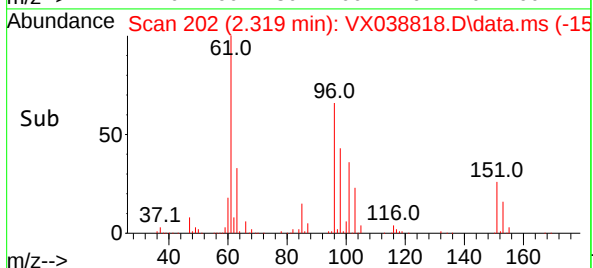
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

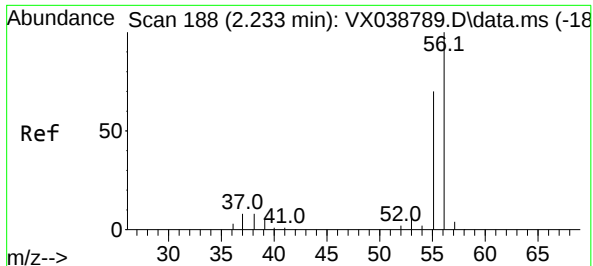


#12
1,1-Dichloroethene
Concen: 47.096 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



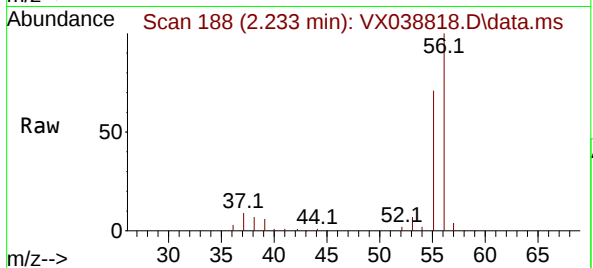
Tgt Ion: 96 Resp: 64025
Ion Ratio Lower Upper
96 100
61 152.0 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 236.702 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

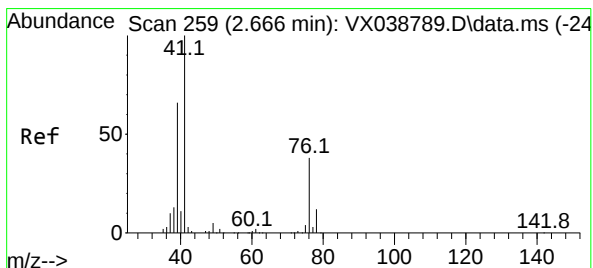
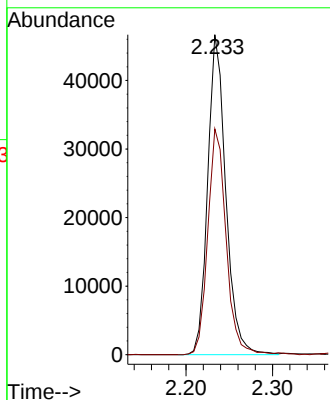
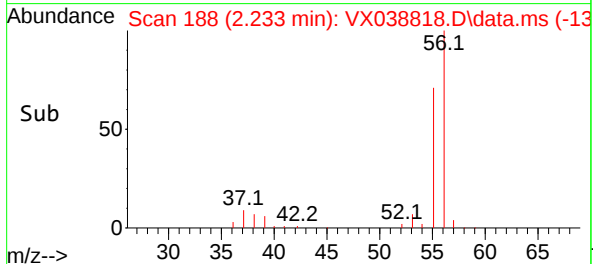
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6778
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

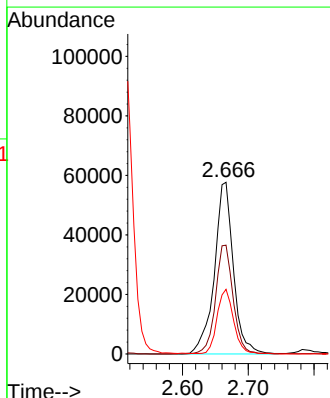
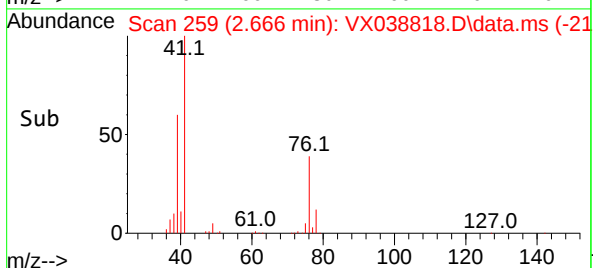
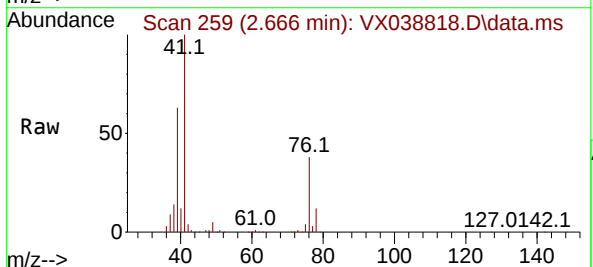
Manual Integrations
APPROVED

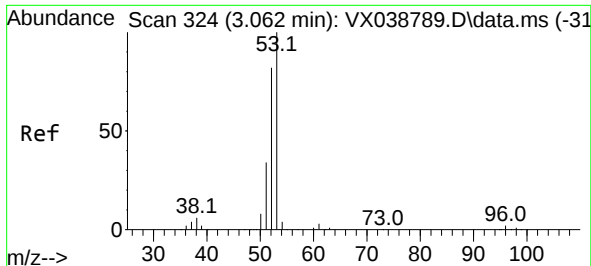
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 47.807 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

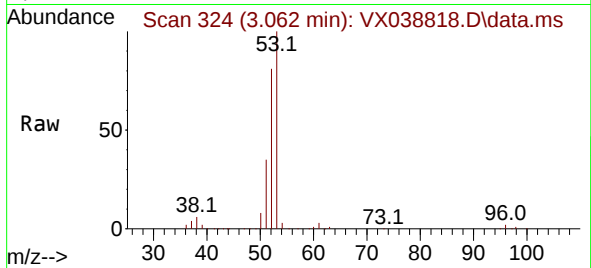
Tgt Ion: 41 Resp: 116529
Ion Ratio Lower Upper
41 100
39 58.5 55.8 83.6
76 32.7 24.3 36.5





#15
Acrylonitrile
Concen: 238.929 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

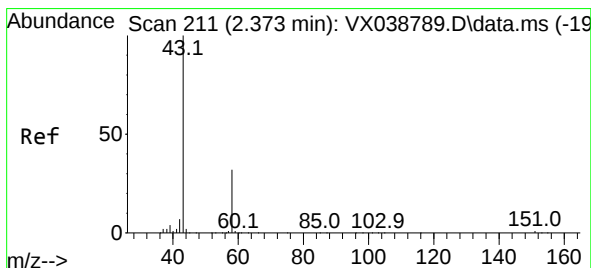
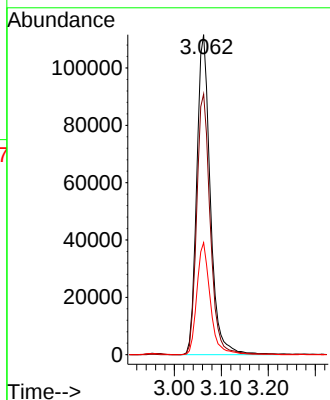
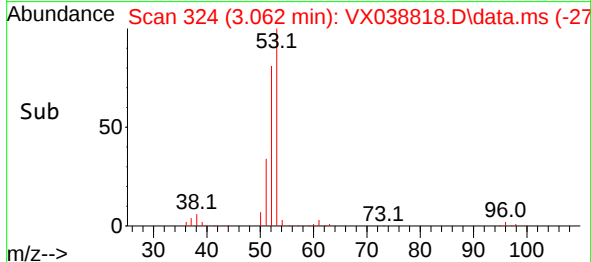
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 224315
Ion Ratio Lower Upper
53 100
52 81.7 66.0 99.0
51 34.8 29.8 44.6

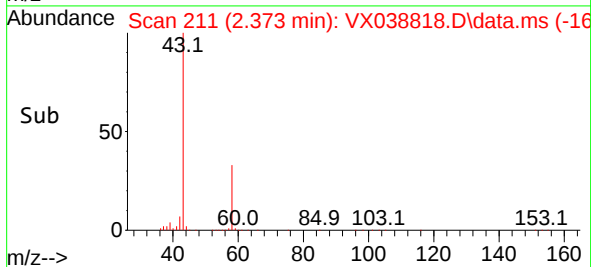
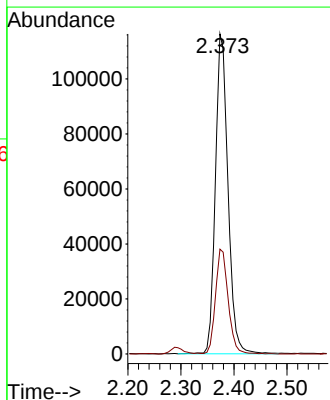
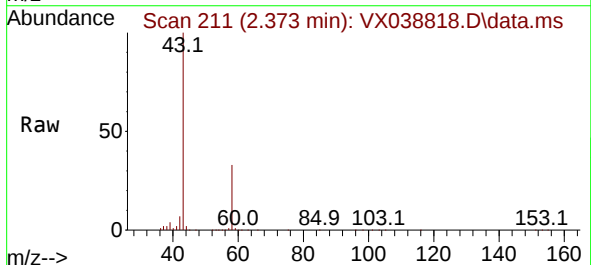
Manual Integrations
APPROVED

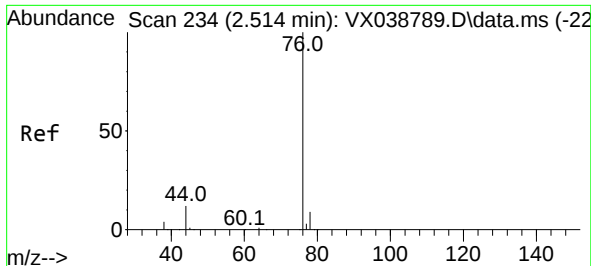
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 212.499 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 43 Resp: 192002
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9





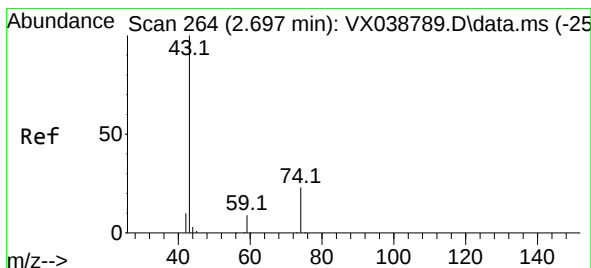
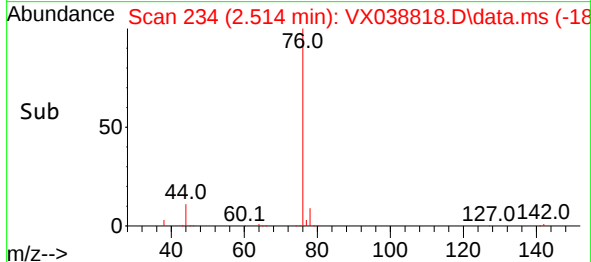
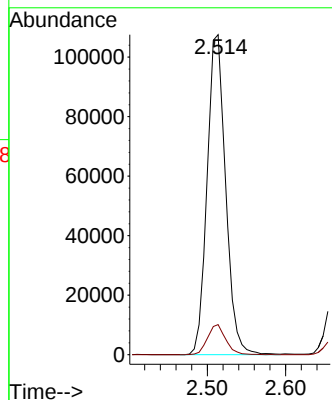
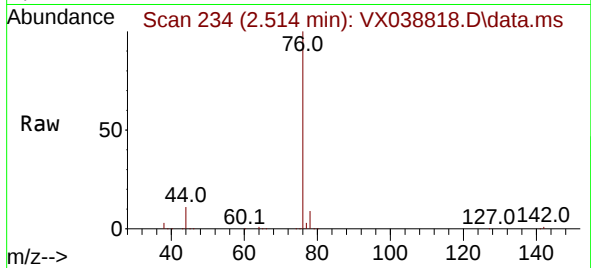
#17
Carbon Disulfide
Concen: 47.833 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 176479
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

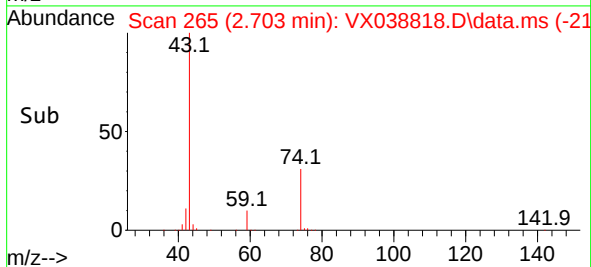
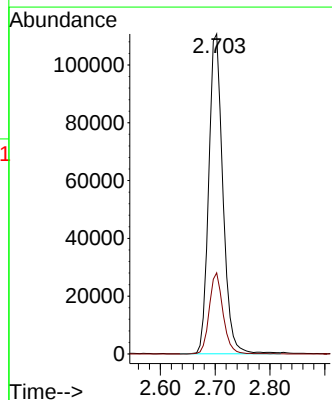
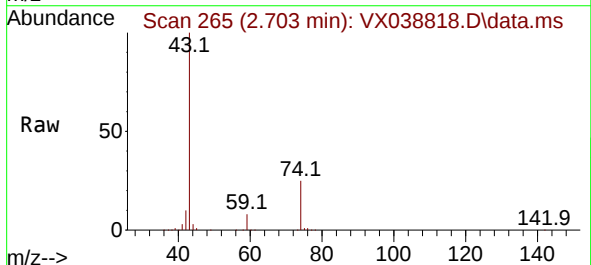
Manual Integrations
APPROVED

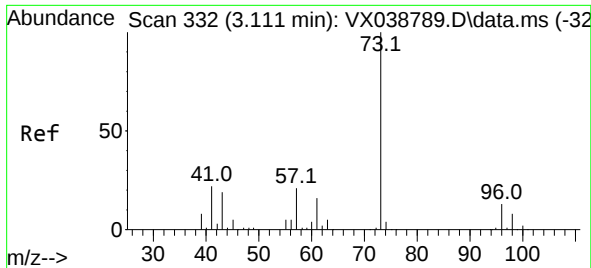
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 47.081 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

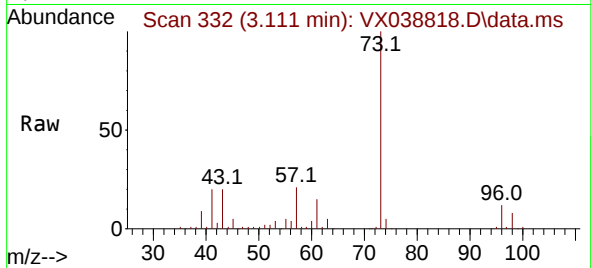
Tgt Ion: 43 Resp: 197429
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

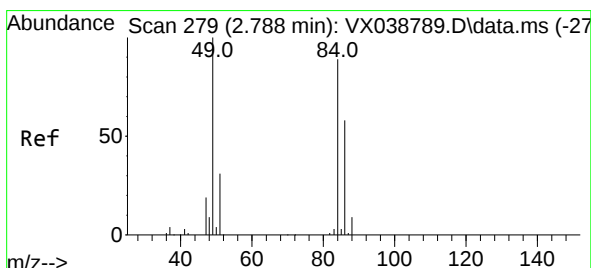
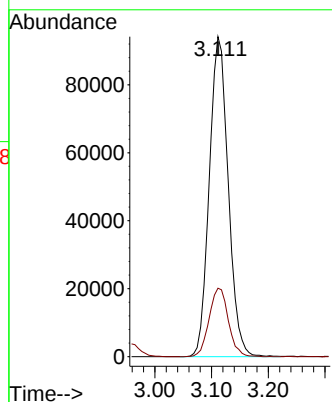
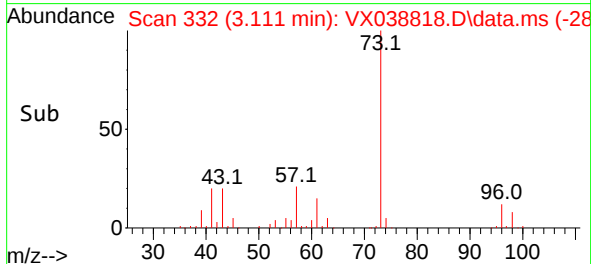
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 217929
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

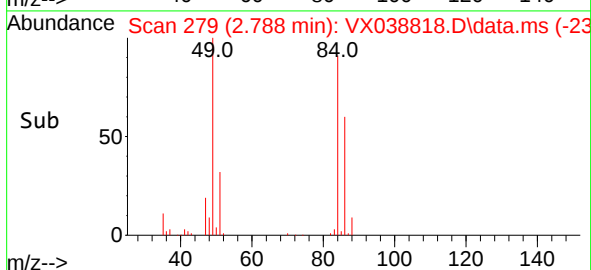
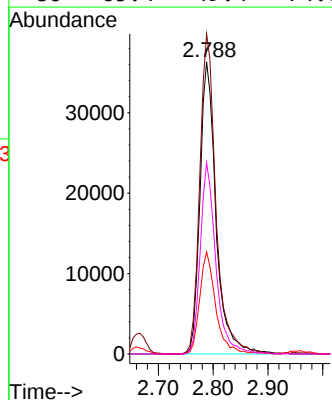
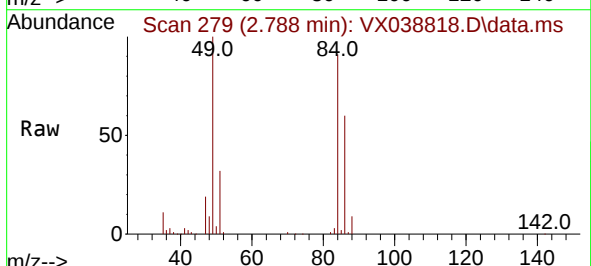
Manual Integrations
APPROVED

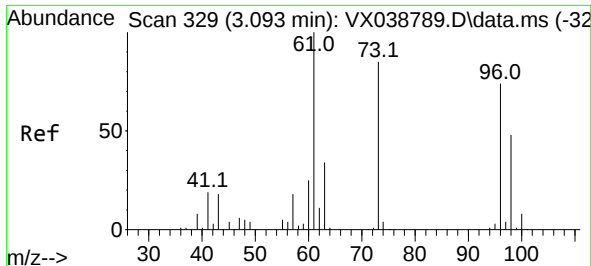
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 43.946 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

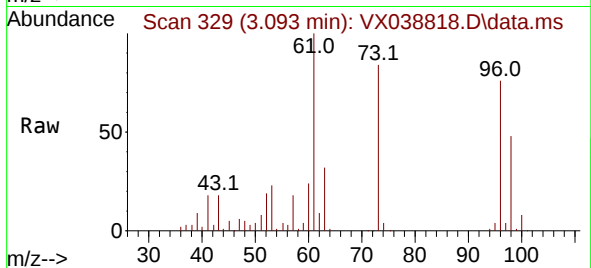
Tgt Ion: 84 Resp: 74265
Ion Ratio Lower Upper
84 100
49 109.5 103.6 155.4
51 34.9 33.8 50.6
86 65.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.288 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

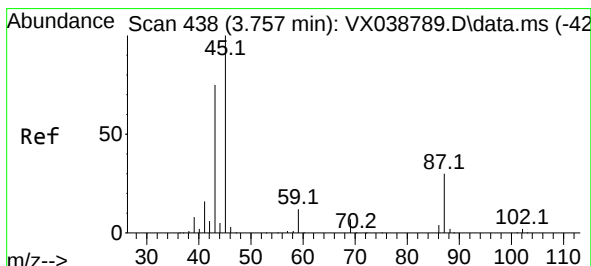
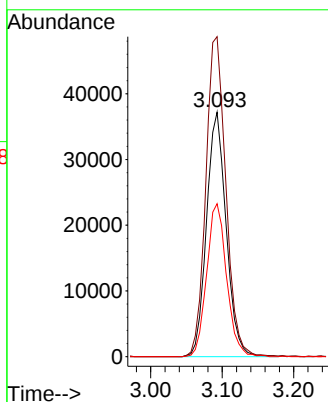
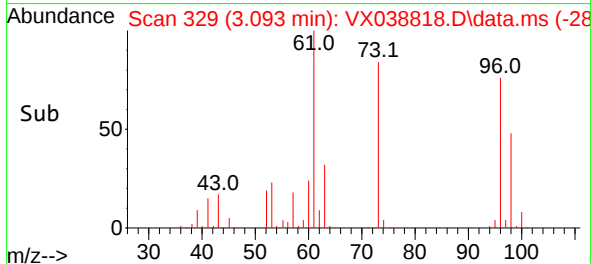
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



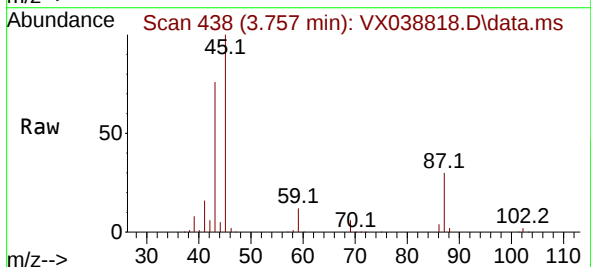
Tgt Ion: 96 Resp: 7091
Ion Ratio Lower Upper
96 100
61 130.9 119.2 178.8
98 62.6 48.7 73.1

Manual Integrations
APPROVED

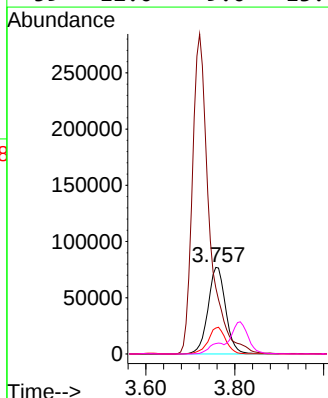
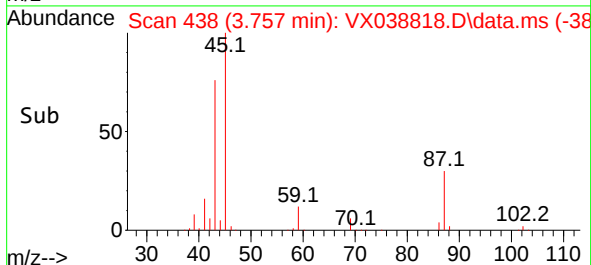
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

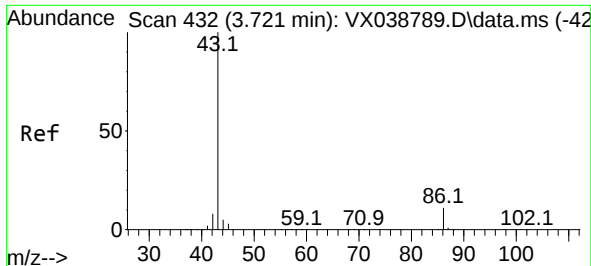


#22
Diisopropyl ether
Concen: 48.007 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



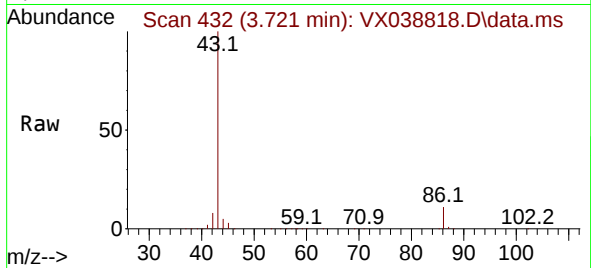
Tgt Ion: 45 Resp: 212866
Ion Ratio Lower Upper
45 100
43 75.9 69.7 104.5
87 30.0 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 249.352 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038818.D
 Acq: 14 Nov 2023 19:48

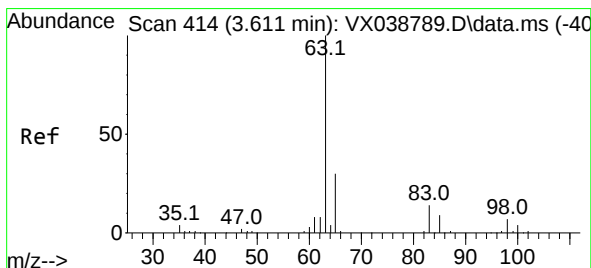
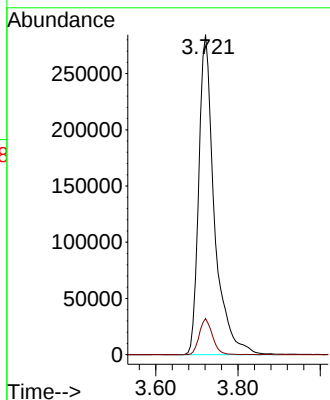
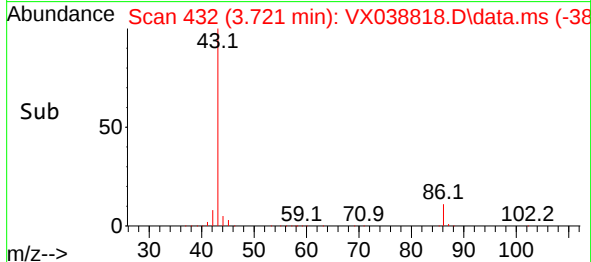
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



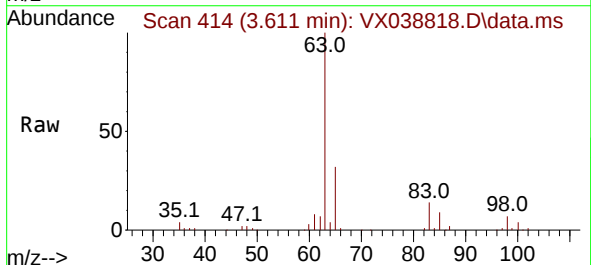
Tgt Ion: 43 Resp: 751040
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
 APPROVED

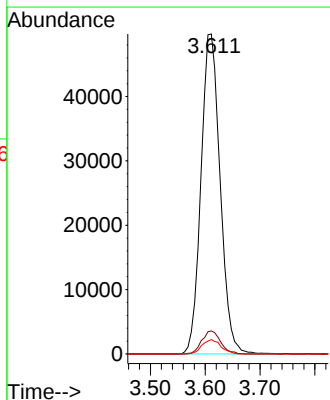
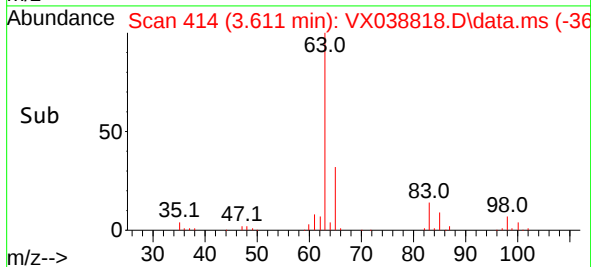
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

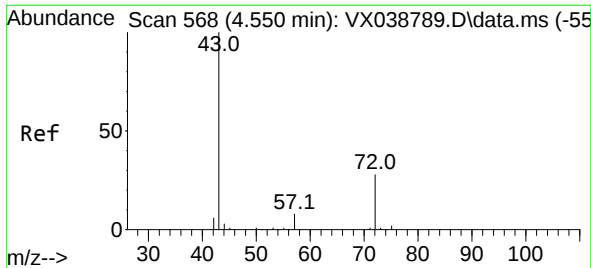


#24
 1,1-Dichloroethane
 Concen: 47.423 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038818.D
 Acq: 14 Nov 2023 19:48



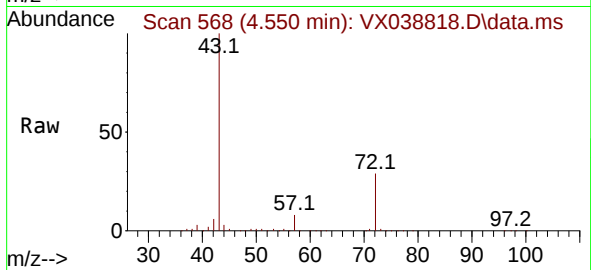
Tgt Ion: 63 Resp: 120574
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 228.908 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

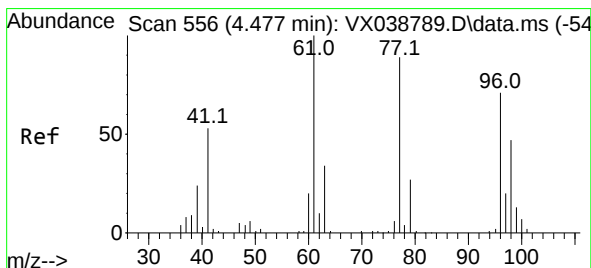
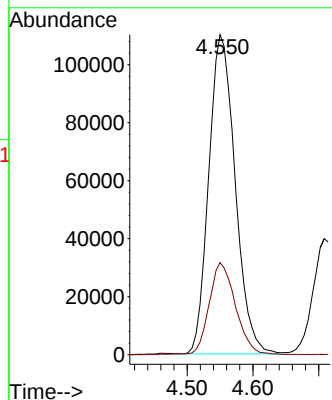
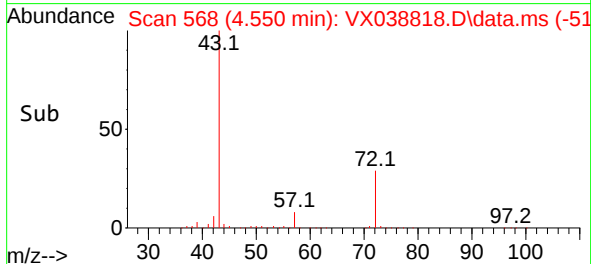
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30736
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

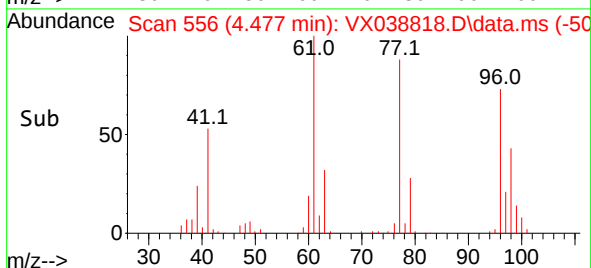
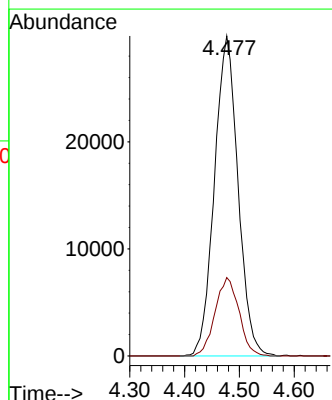
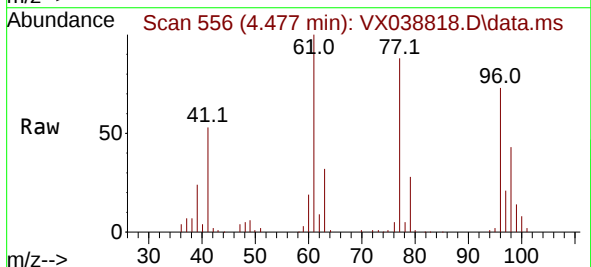
Manual Integrations
APPROVED

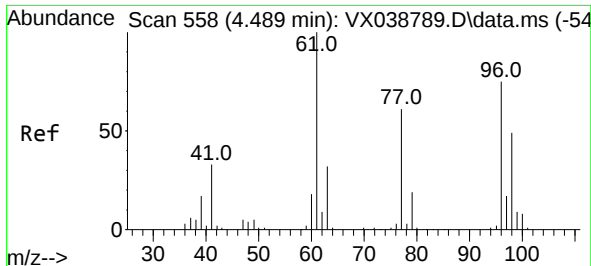
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 47.166 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 77 Resp: 89373
Ion Ratio Lower Upper
77 100
97 24.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.546 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 81508

Ion Ratio Lower Upper

96 100

61 136.5 0.0 312.2

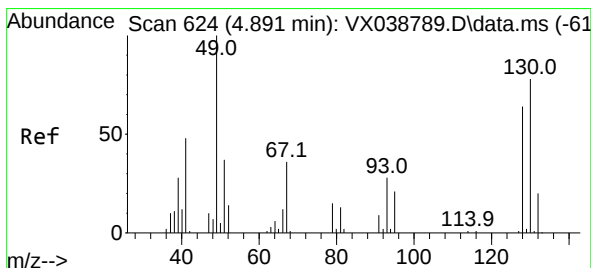
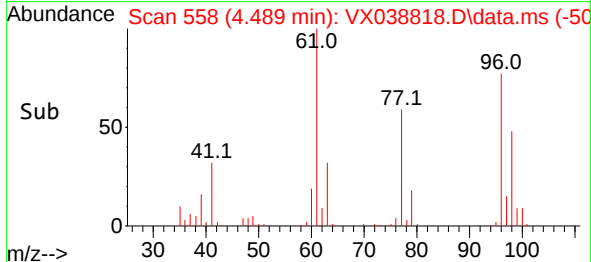
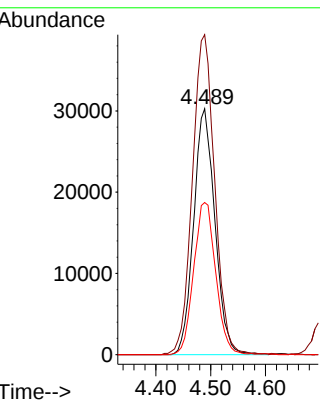
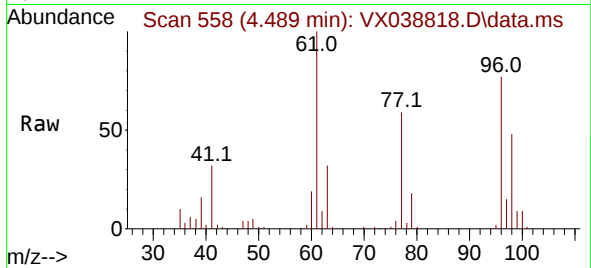
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#28

Bromochloromethane

Concen: 48.970 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

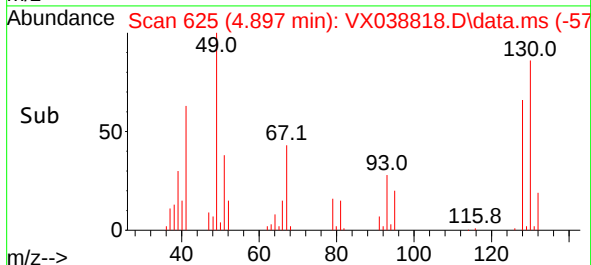
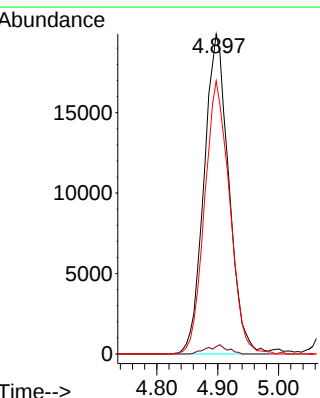
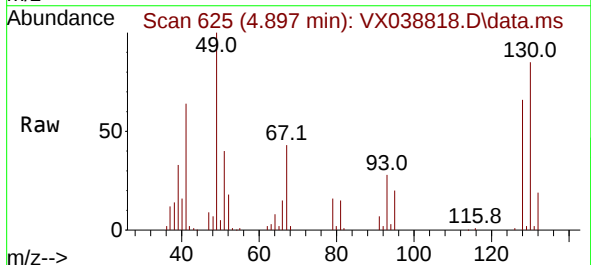
Tgt Ion: 49 Resp: 56318

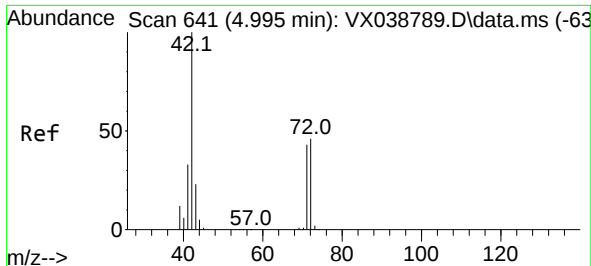
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 85.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.505 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 204650

Ion Ratio Lower Upper

42 100

72 47.6 34.2 51.4

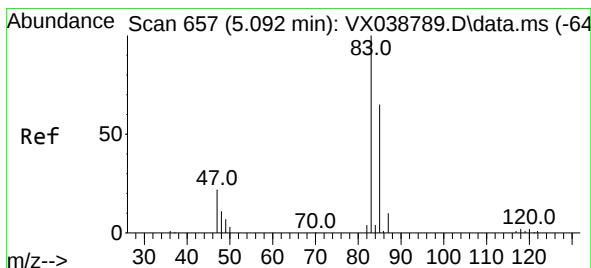
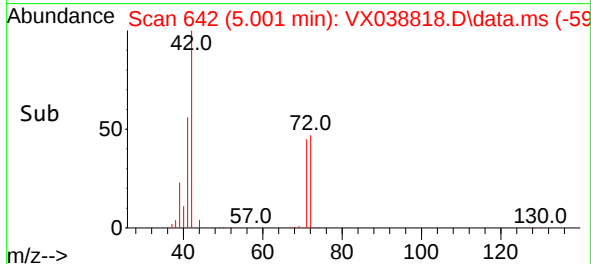
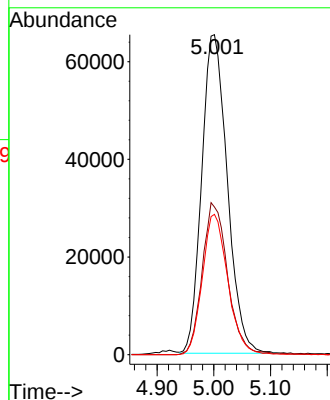
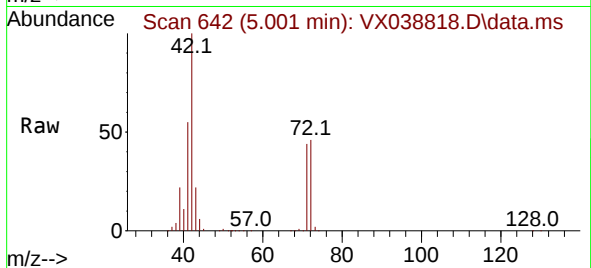
71 43.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 46.819 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038818.D

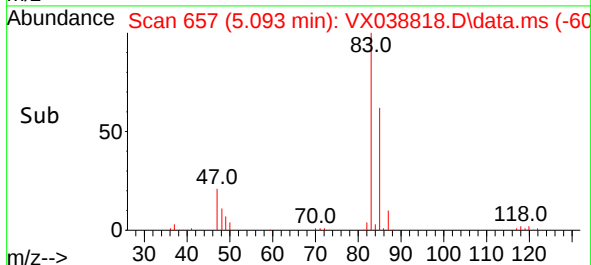
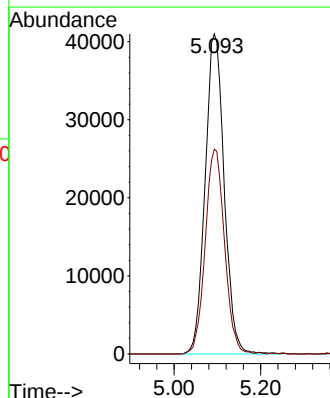
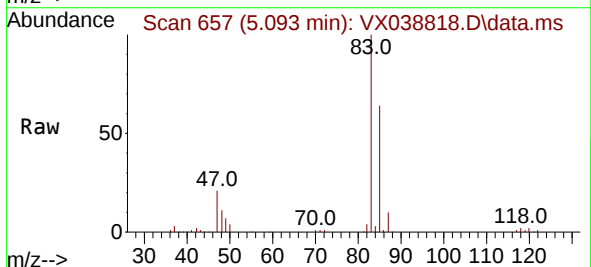
Acq: 14 Nov 2023 19:48

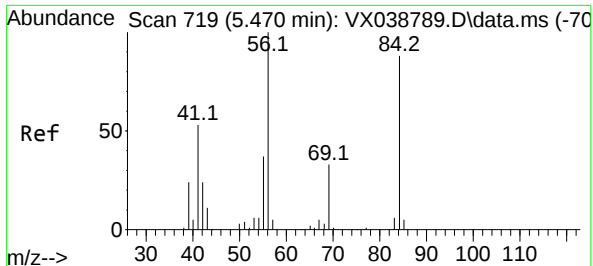
Tgt Ion: 83 Resp: 125226

Ion Ratio Lower Upper

83 100

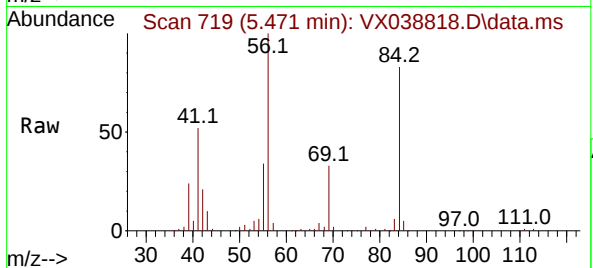
85 64.0 50.3 75.5





#31
Cyclohexane
Concen: 47.031 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

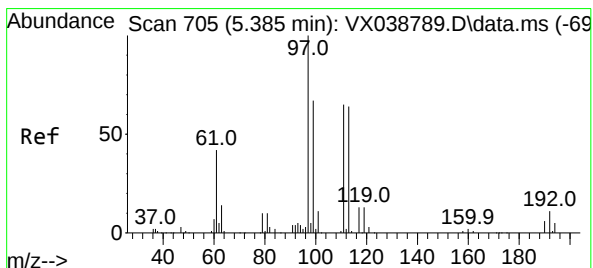
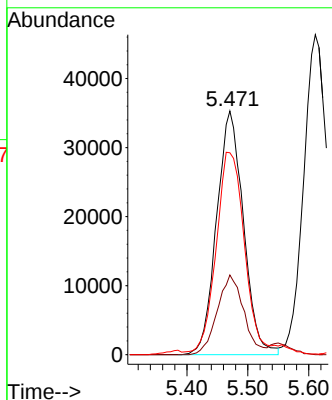
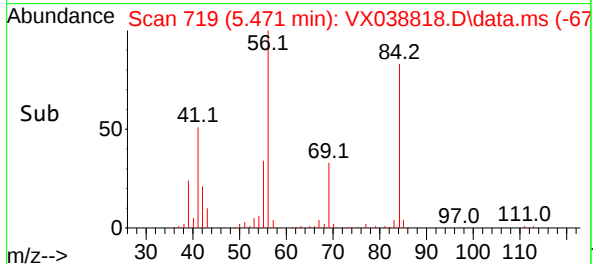
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108000
Ion Ratio Lower Upper
56 100
69 32.7 23.4 35.2
84 81.0 65.9 98.9

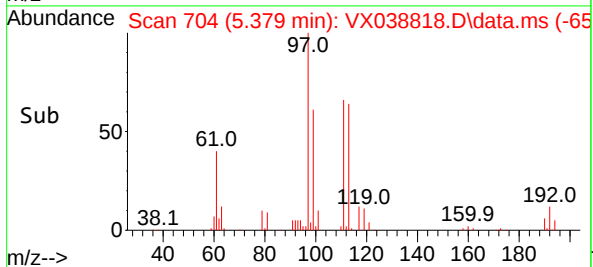
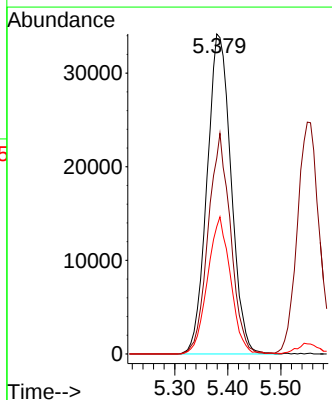
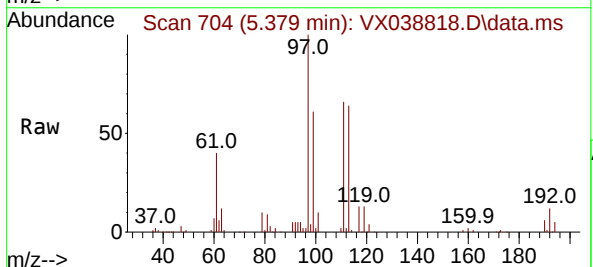
Manual Integrations
APPROVED

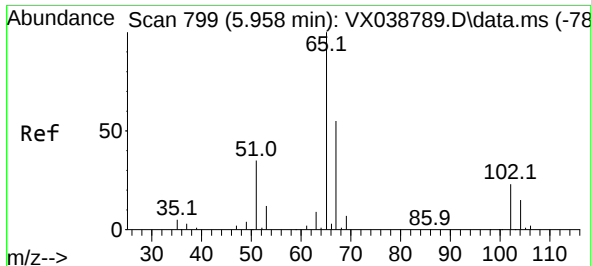
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 48.734 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 97 Resp: 107384
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 41.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.467 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 78352

Ion Ratio Lower Upper

65 100

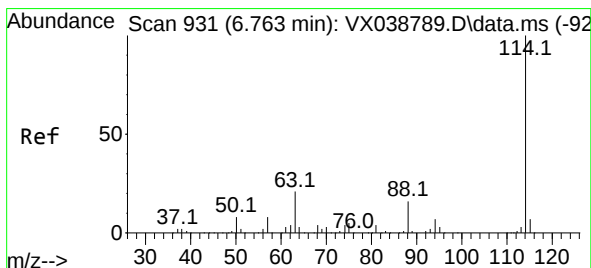
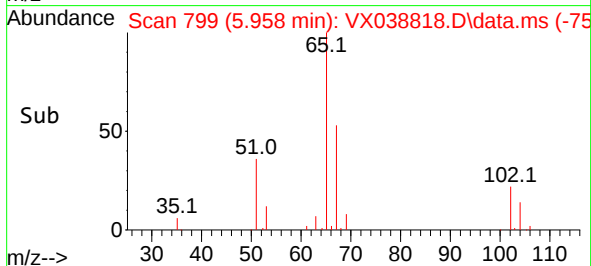
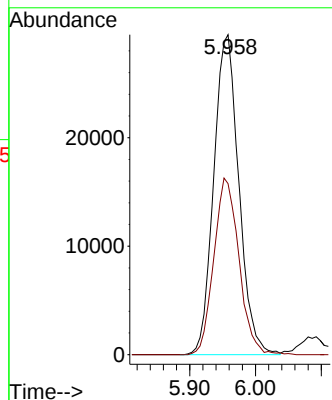
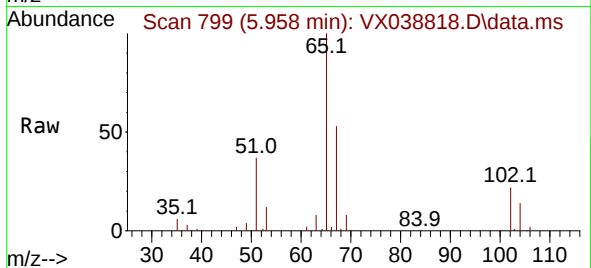
67 55.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

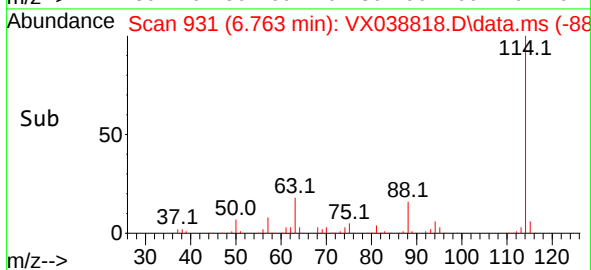
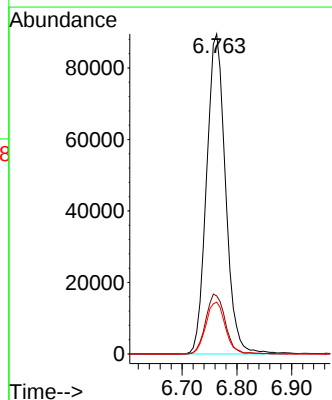
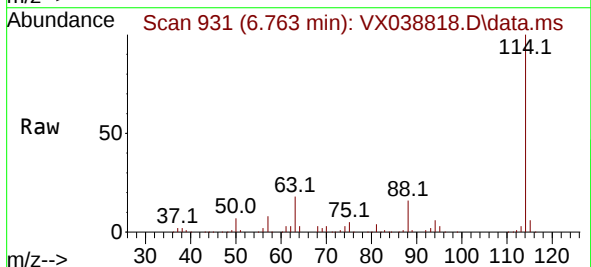
Tgt Ion:114 Resp: 214628

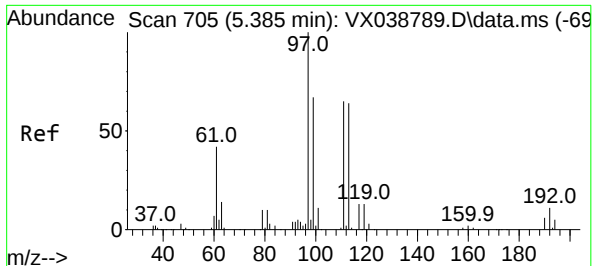
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.801 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 69008

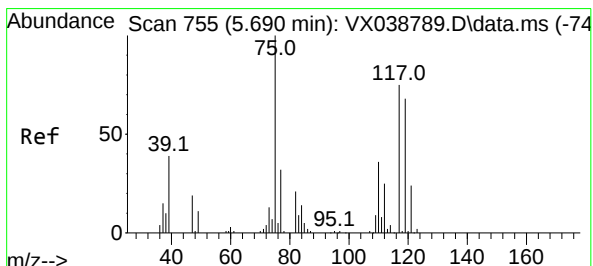
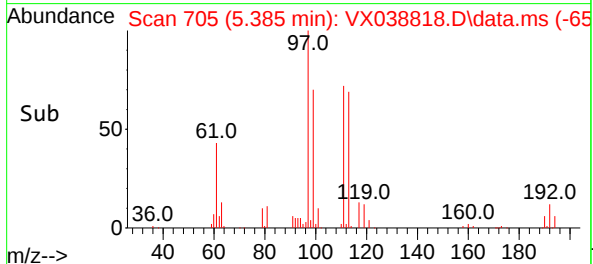
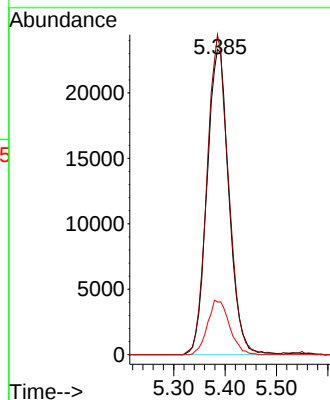
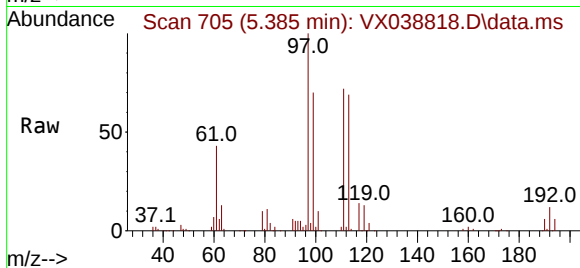
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	17.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 45.383 ug/l

RT: 5.690 min Scan# 755

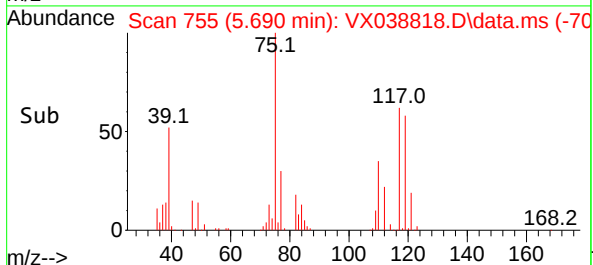
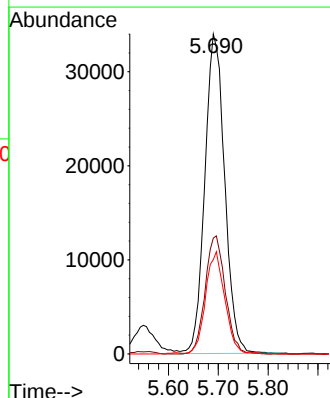
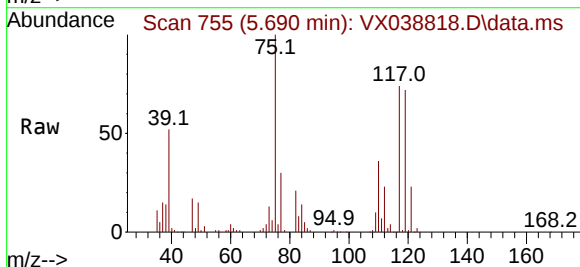
Delta R.T. 0.000 min

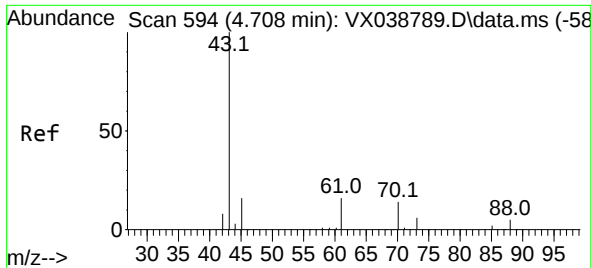
Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Tgt Ion: 75 Resp: 94078

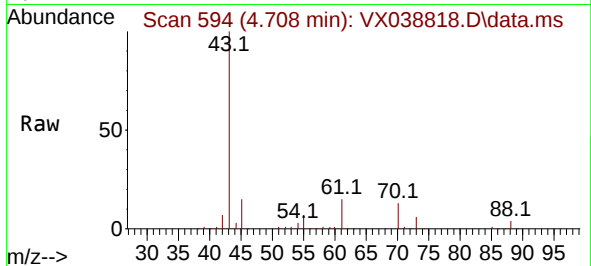
Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.0	50.9
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 48.171 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

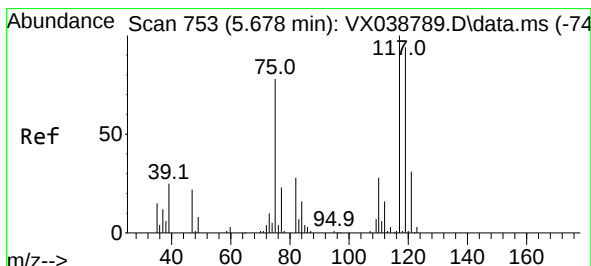
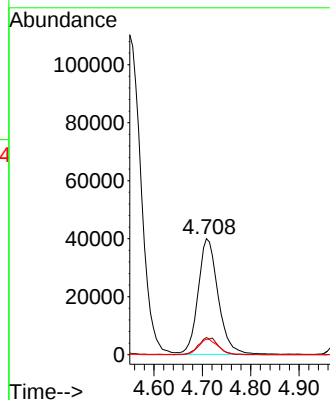
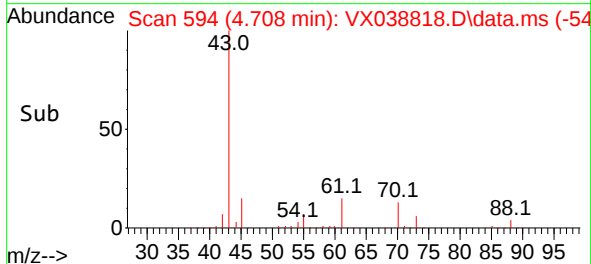
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114502
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 13.0 8.3 12.5

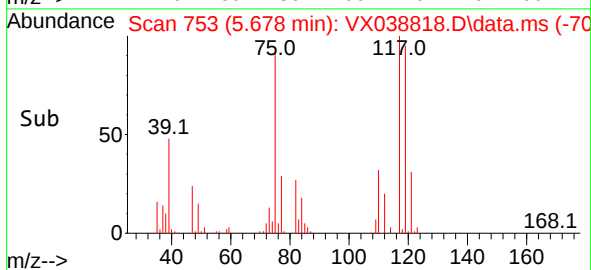
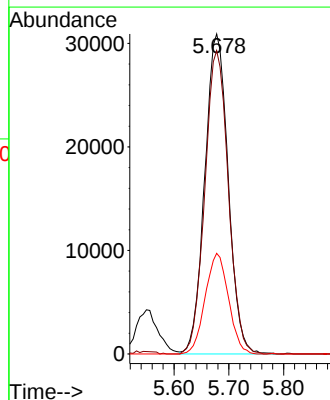
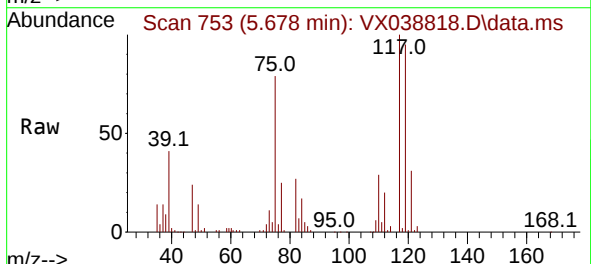
Manual Integrations
APPROVED

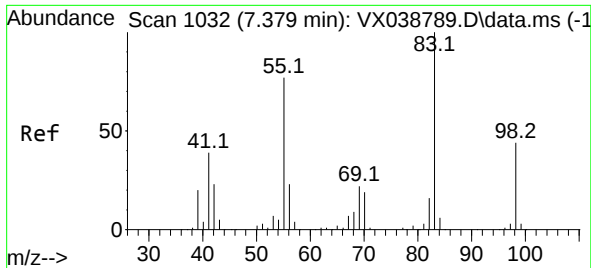
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#38
Carbon Tetrachloride
Concen: 47.812 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:117 Resp: 91622
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
121 31.4 24.4 36.6





#39
Methylcyclohexane
Concen: 45.896 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

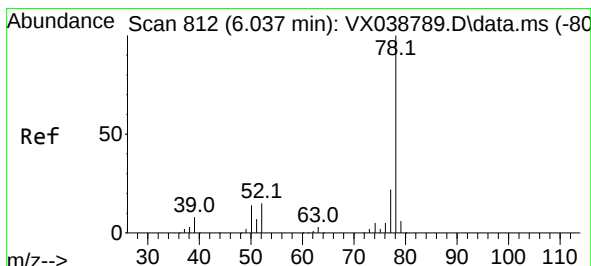
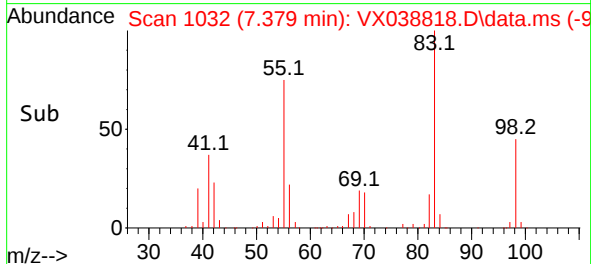
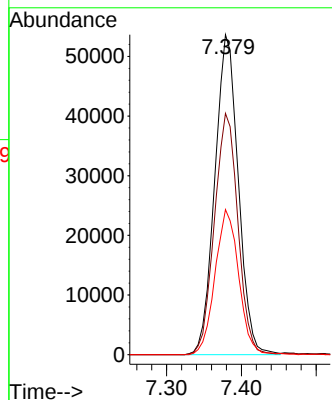
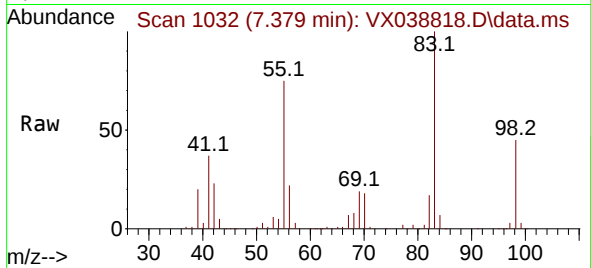
VSTDCCC050EC

Tgt Ion: 83 Resp: 11759
Ion Ratio Lower Upper
83 100
55 75.4 64.6 97.0
98 45.3 36.7 55.1

Manual Integrations

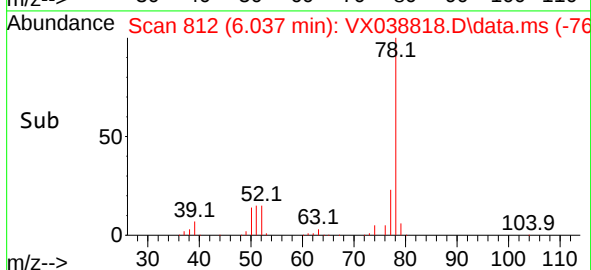
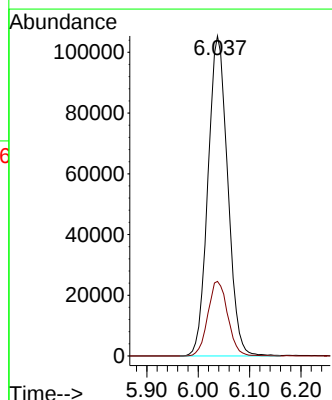
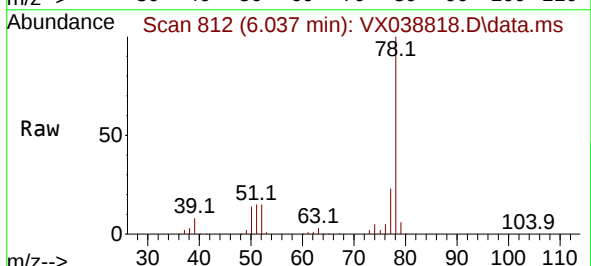
APPROVED

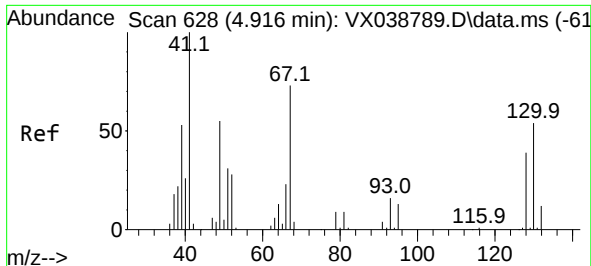
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#40
Benzene
Concen: 46.622 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 78 Resp: 280649
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





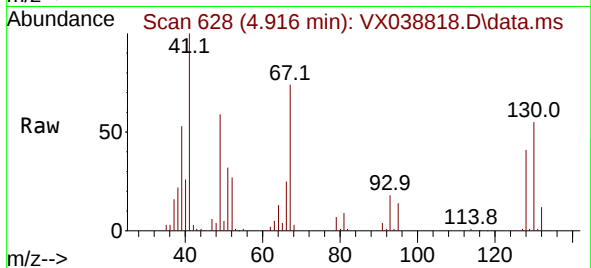
#41
Methacrylonitrile
Concen: 47.580 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



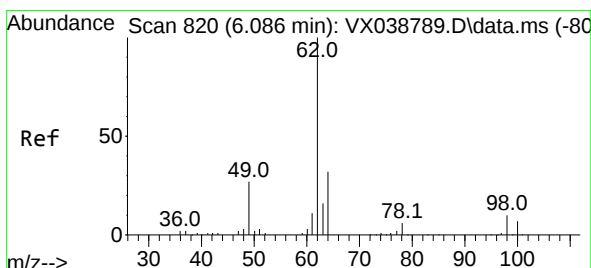
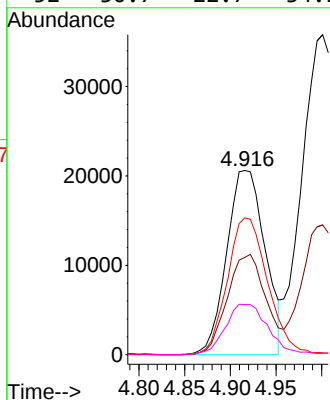
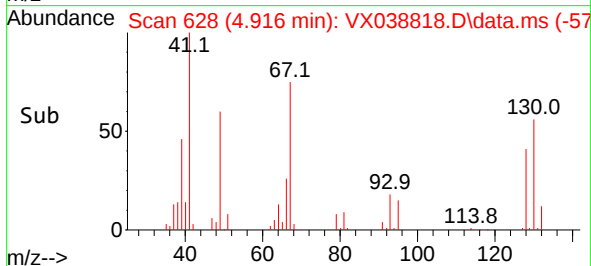
Tgt Ion:	41	Resp:	6025
Ion Ratio	100	Lower	Upper
39	55.8	45.2	67.8
67	78.3	52.6	78.8
52	30.7	22.7	34.1

Manual Integrations

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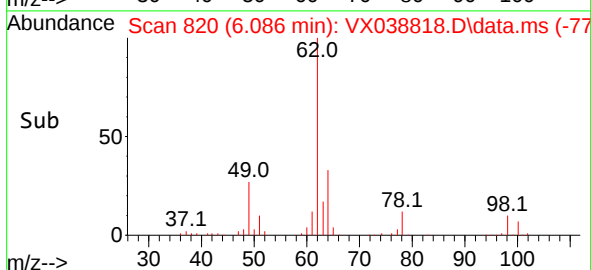
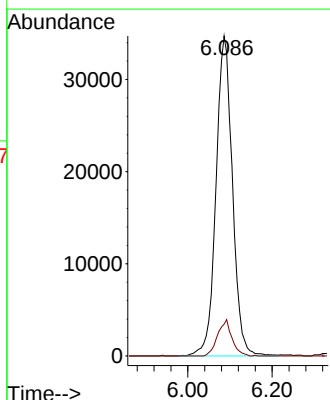
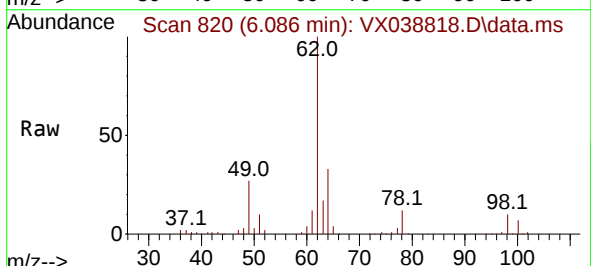
Reviewed By :John Carlone 11/15/2023

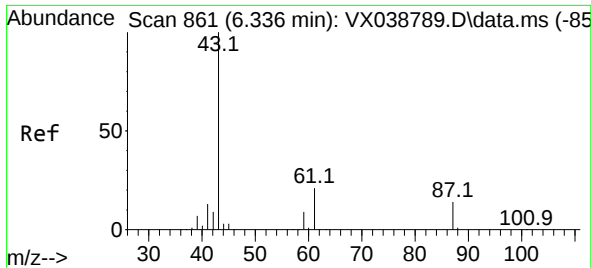
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 45.691 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:	62	Resp:	93795
Ion Ratio	100	Lower	Upper
98	9.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 48.416 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 173364

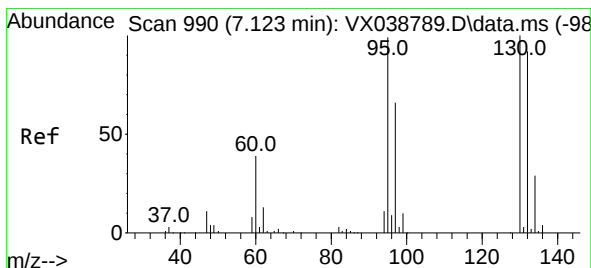
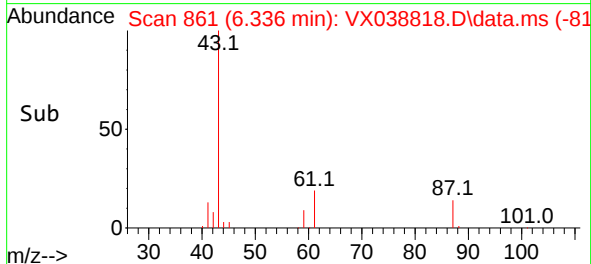
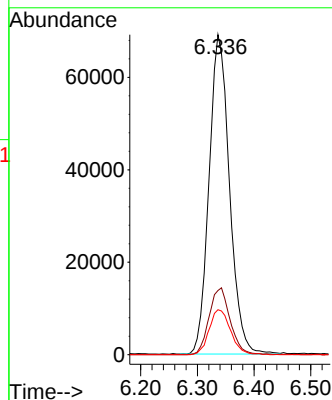
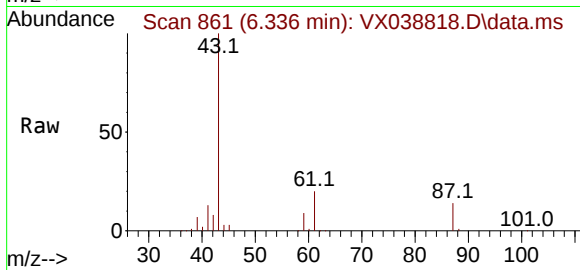
Ion	Ratio	Lower	Upper
43	100		
61	21.4	15.2	22.8
87	14.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#44

Trichloroethene

Concen: 47.770 ug/l

RT: 7.123 min Scan# 990

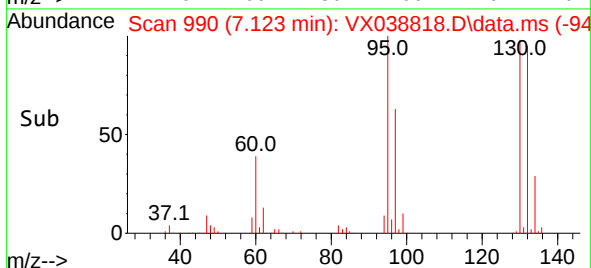
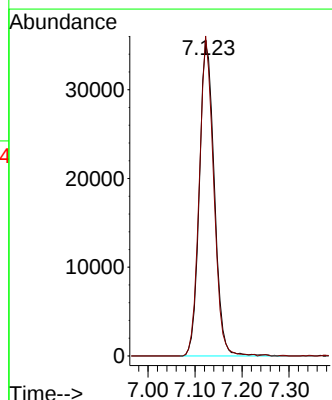
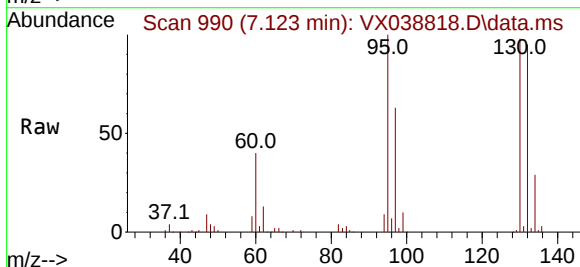
Delta R.T. 0.000 min

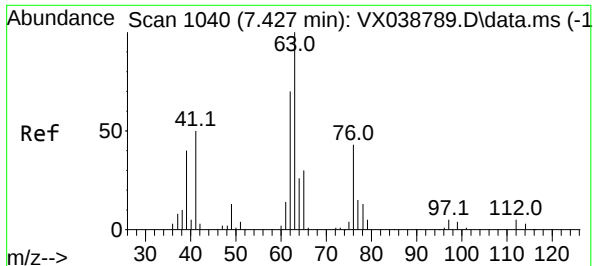
Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Tgt Ion:130 Resp: 78230

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 48.927 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7301

Ion Ratio Lower Upper

63 100

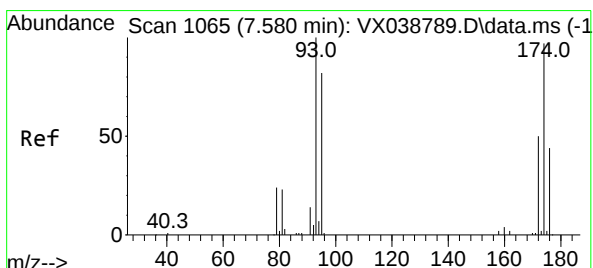
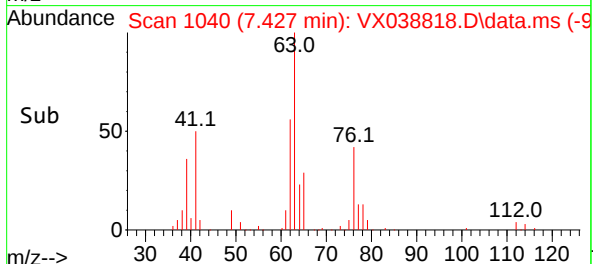
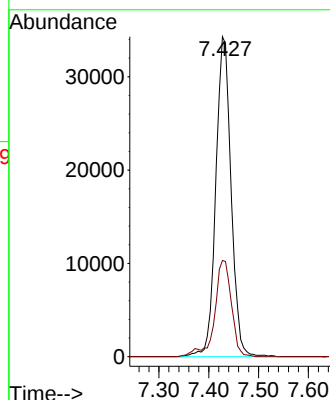
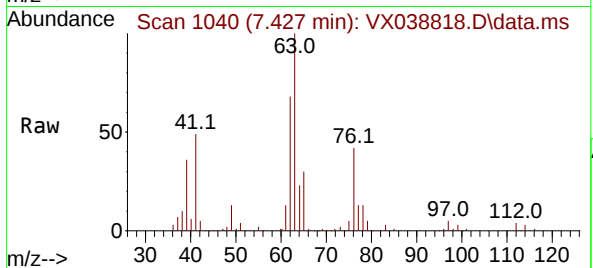
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 48.188 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

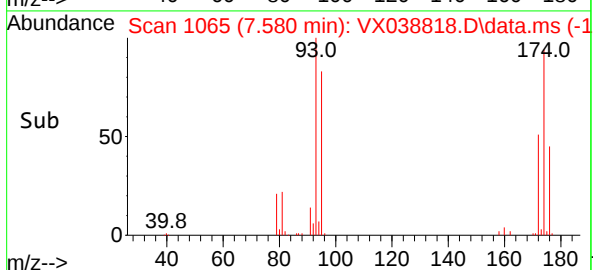
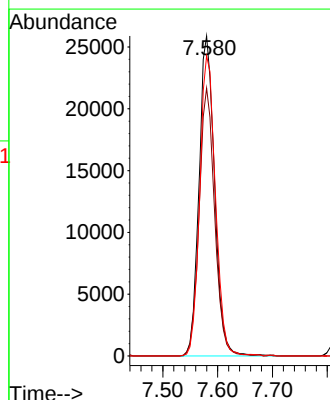
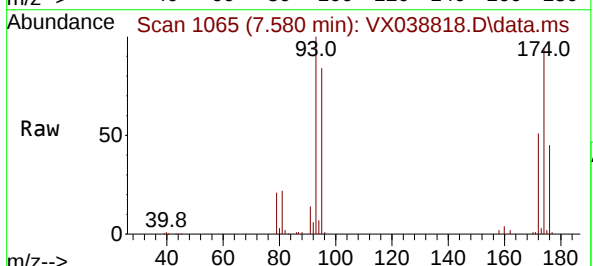
Tgt Ion: 93 Resp: 51070

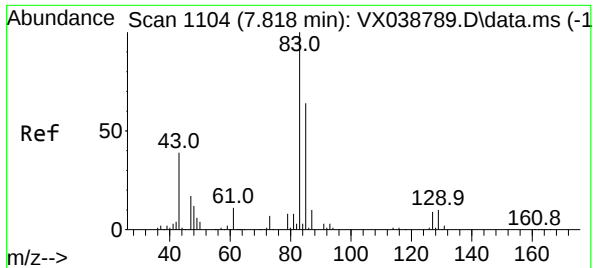
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 94.7 69.4 104.0





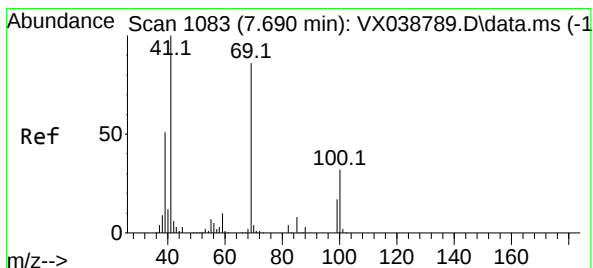
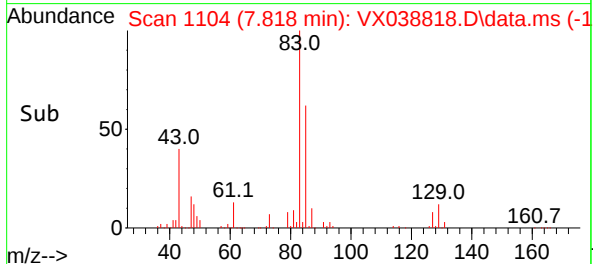
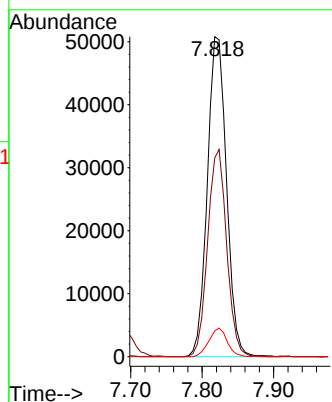
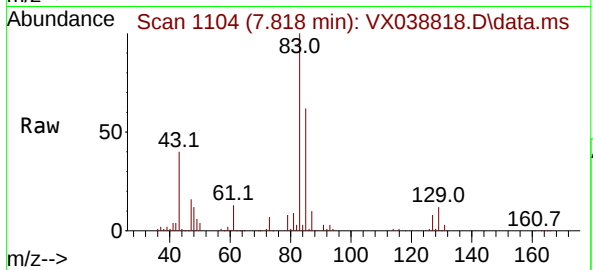
#47
Bromodichloromethane
Concen: 47.858 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 94669
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 8.1 7.1 10.7

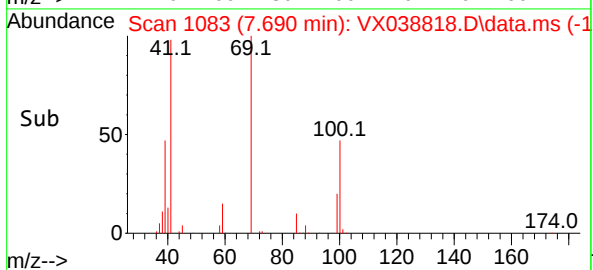
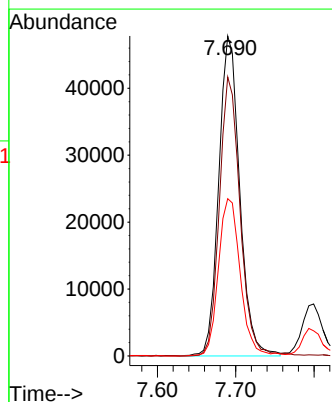
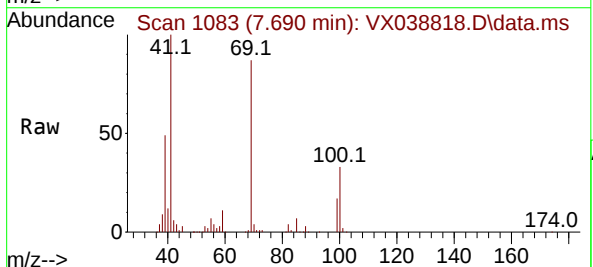
Manual Integrations
APPROVED

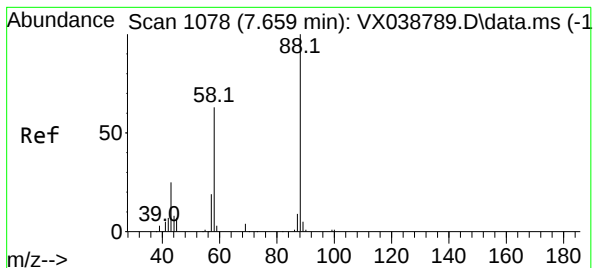
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 50.836 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 41 Resp: 89089
Ion Ratio Lower Upper
41 100
69 86.4 59.2 88.8
39 51.3 47.7 71.5





#49

1,4-Dioxane

Concen: 957.145 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3410

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0

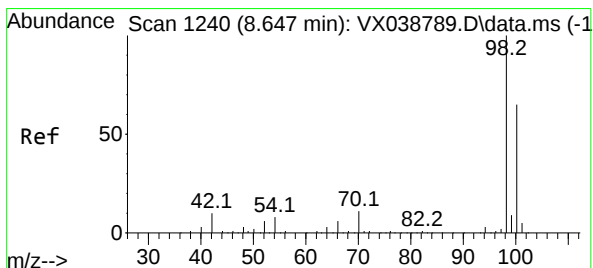
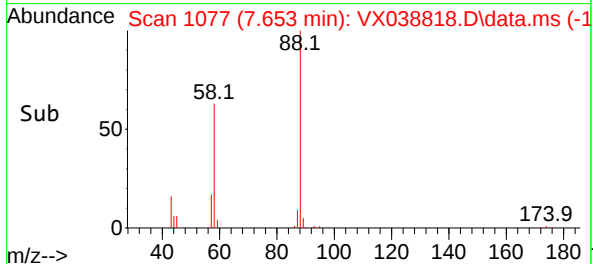
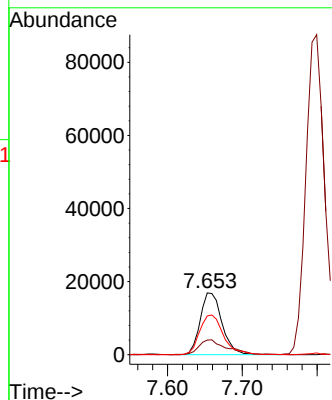
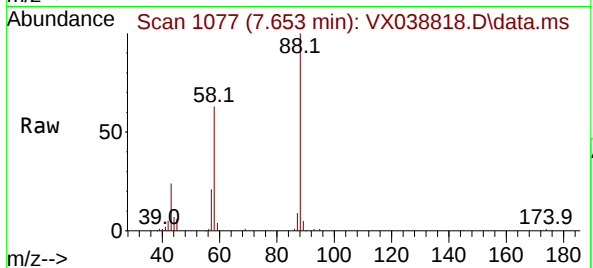
58 70.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 47.941 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038818.D

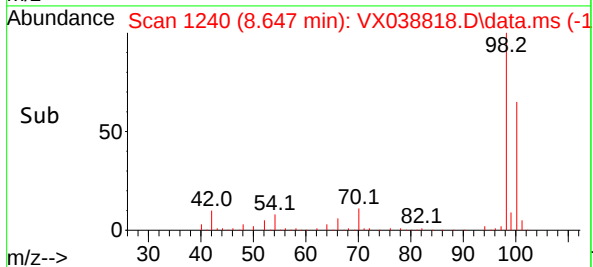
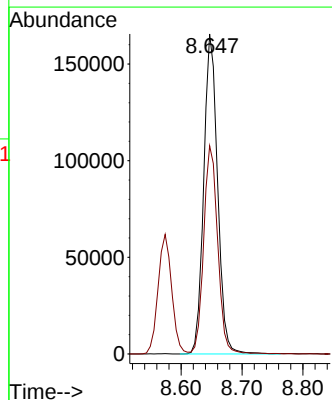
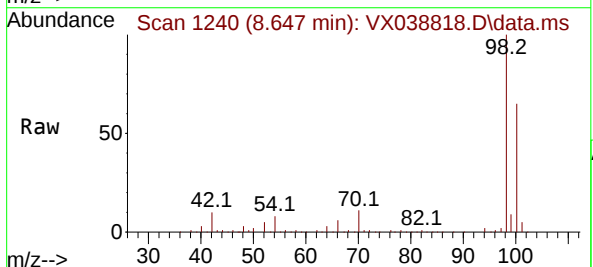
Acq: 14 Nov 2023 19:48

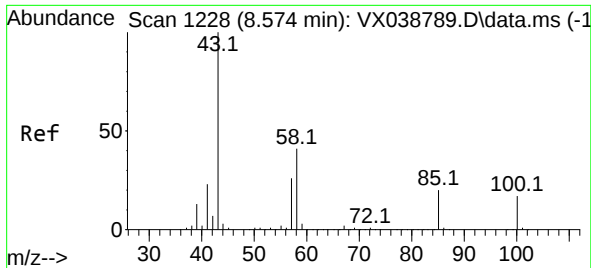
Tgt Ion: 98 Resp: 261837

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





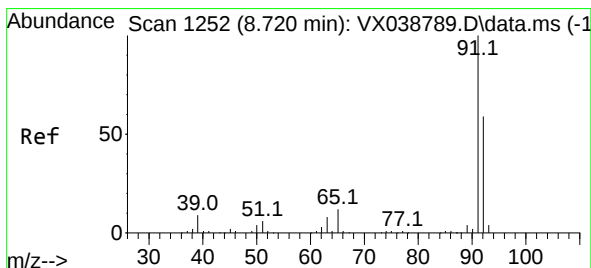
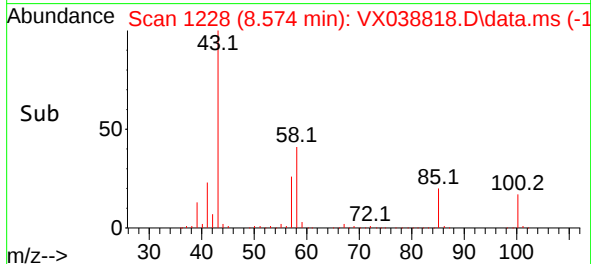
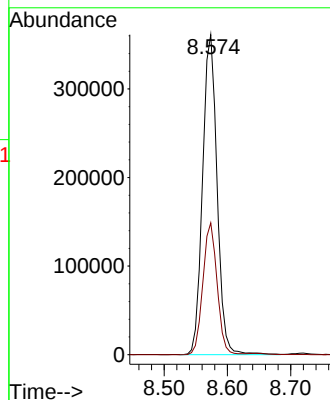
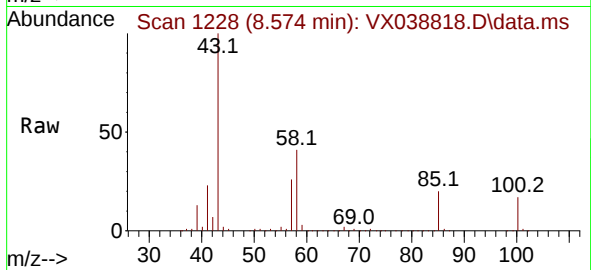
#51
4-Methyl-2-Pentanone
Concen: 238.931 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 57812
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

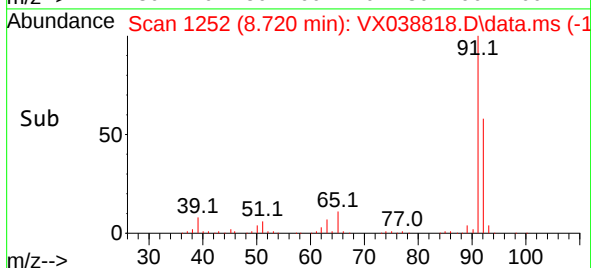
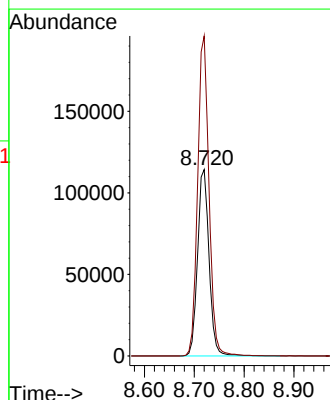
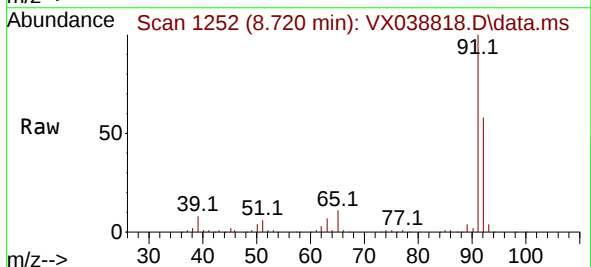
Manual Integrations
APPROVED

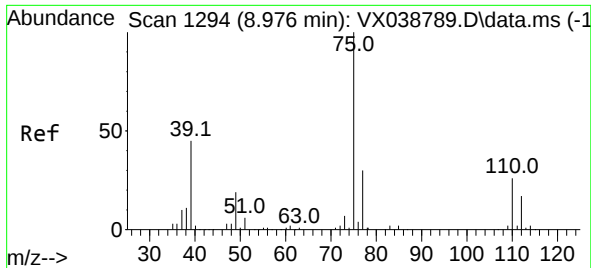
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 49.109 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion: 92 Resp: 182626
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2





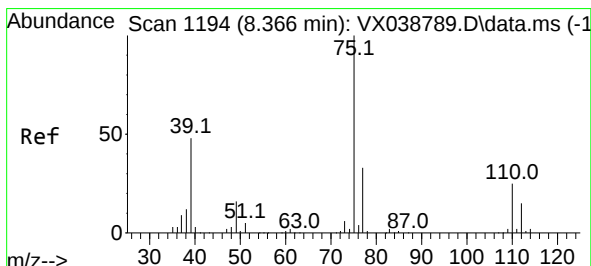
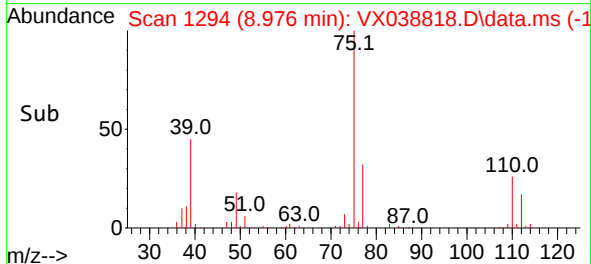
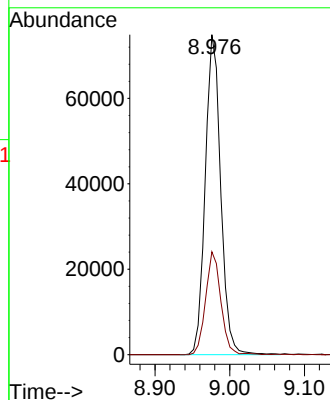
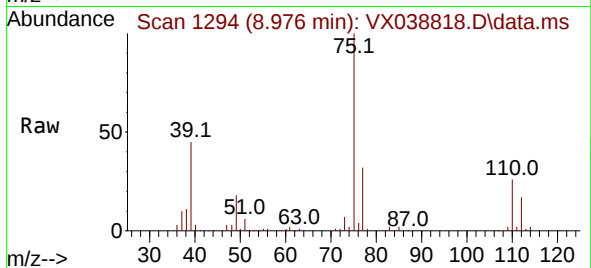
#53
t-1,3-Dichloropropene
Concen: 52.002 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 107702
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

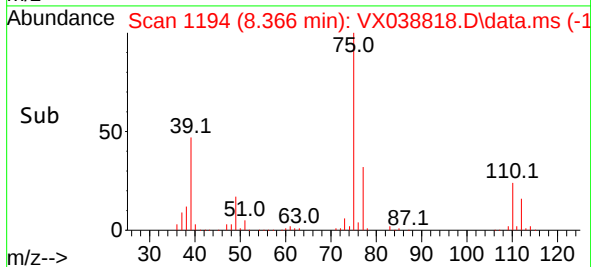
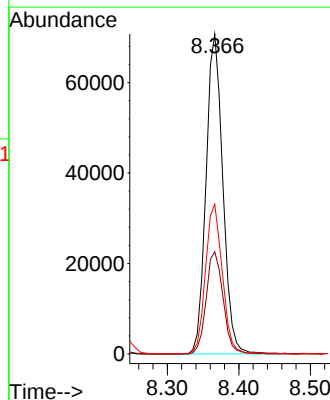
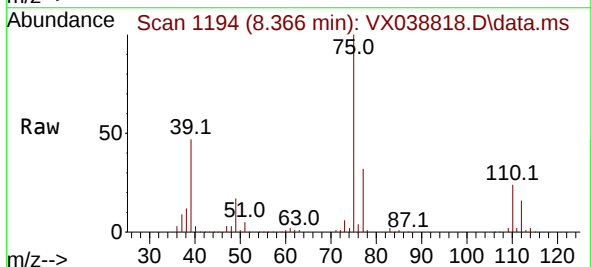
Manual Integrations
APPROVED

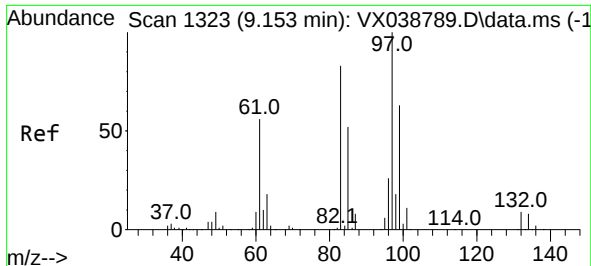
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 50.128 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

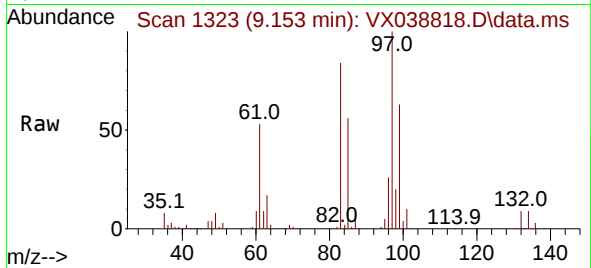
Tgt Ion: 75 Resp: 115551
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 46.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 47.520 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

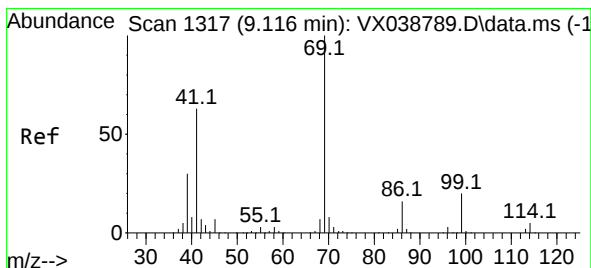
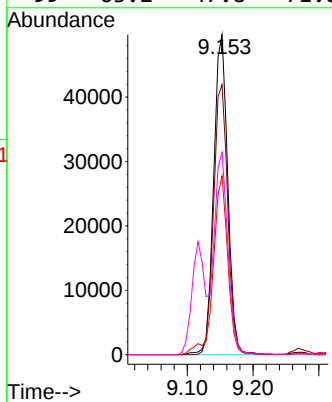
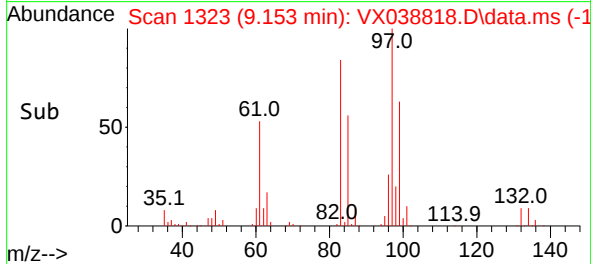
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



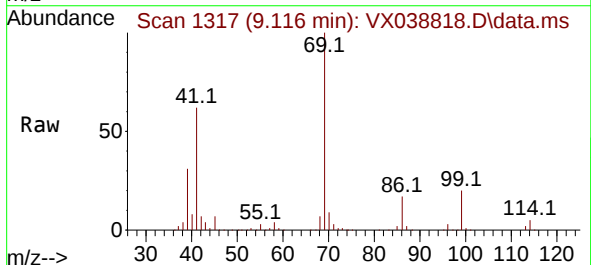
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	55.9	41.6	62.4
99	63.2	47.8	71.8

Manual Integrations
APPROVED

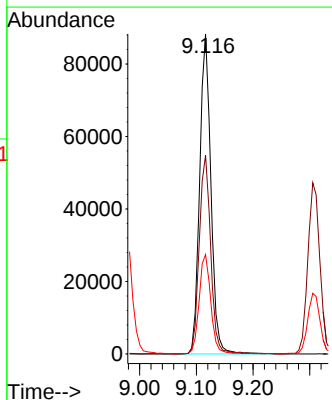
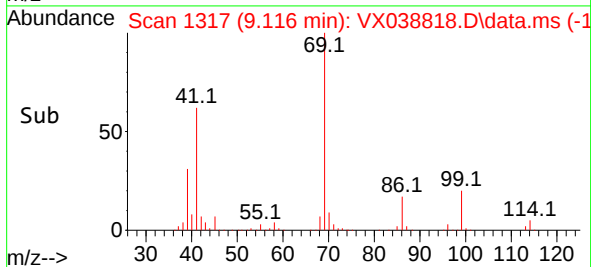
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

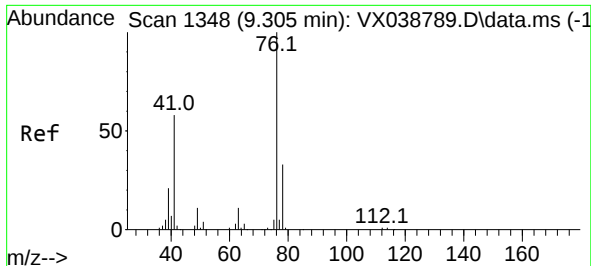


#56
Ethyl methacrylate
Concen: 50.266 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	56.8	85.2
39	32.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.579 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 120839

Ion Ratio Lower Upper

76 100

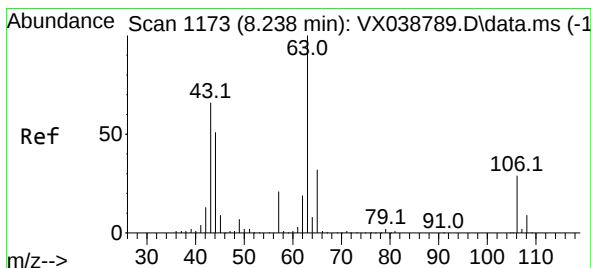
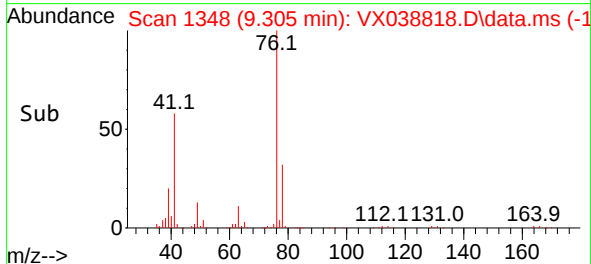
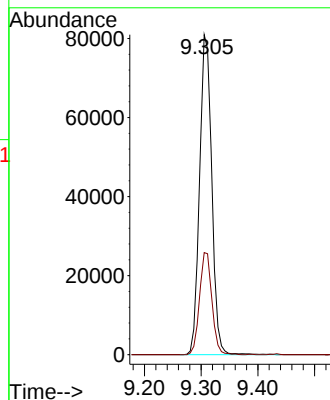
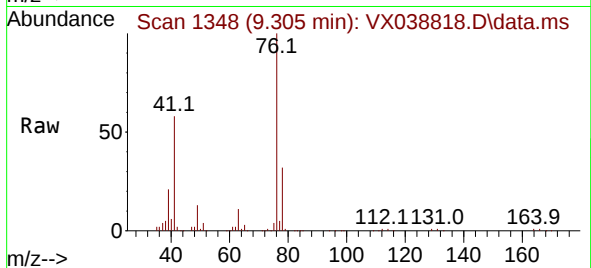
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.631 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038818.D

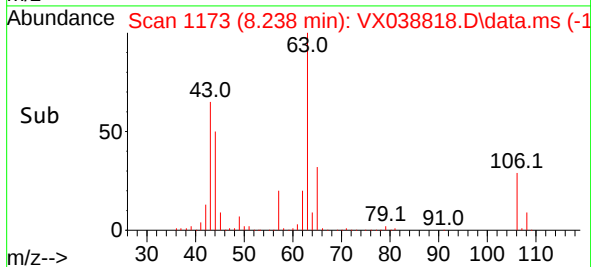
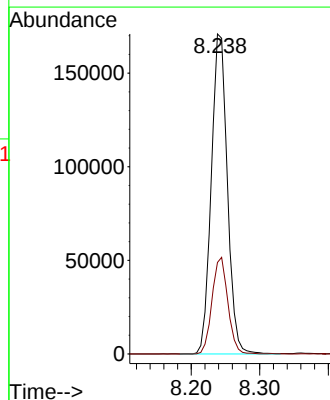
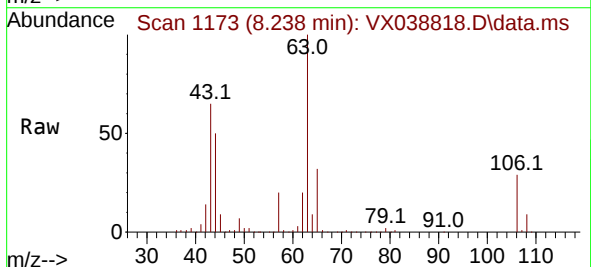
Acq: 14 Nov 2023 19:48

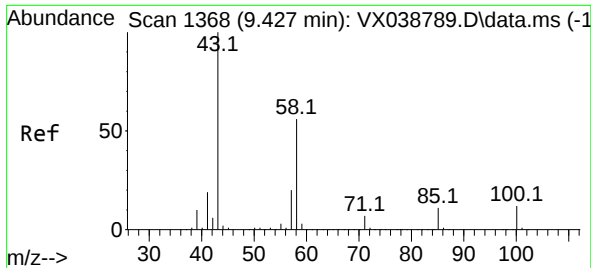
Tgt Ion: 63 Resp: 279244

Ion Ratio Lower Upper

63 100

106 29.6 22.5 33.7





#59

2-Hexanone

Concen: 234.620 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 457472

Ion Ratio Lower Upper

43 100

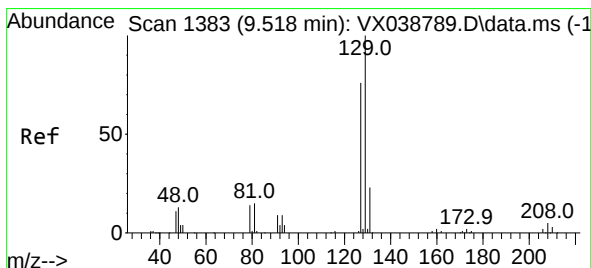
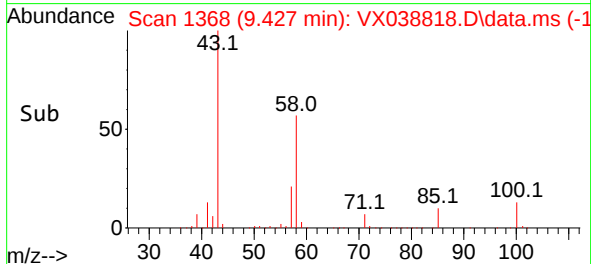
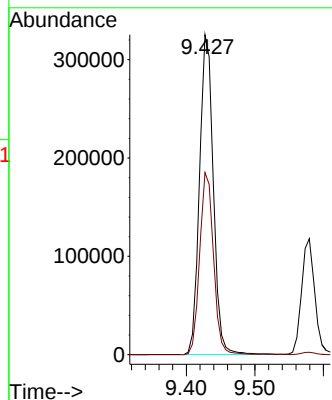
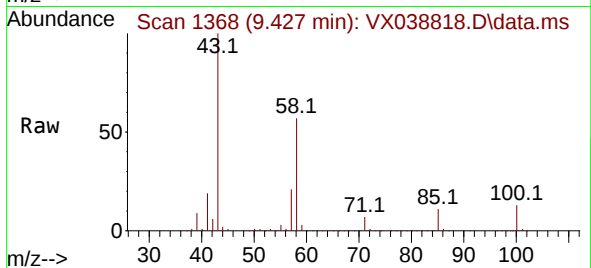
58 57.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#60

Dibromochloromethane

Concen: 51.863 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038818.D

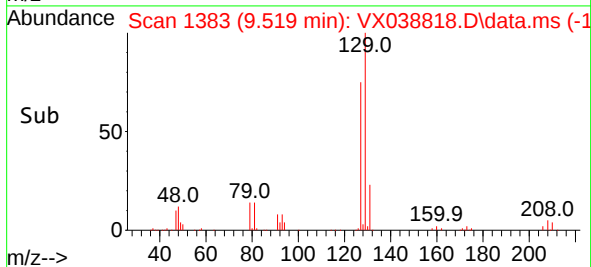
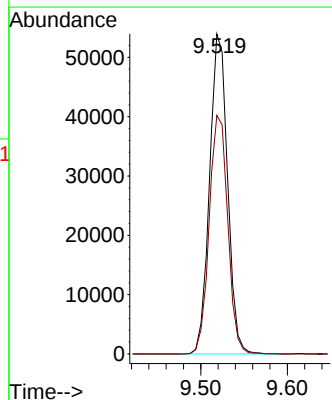
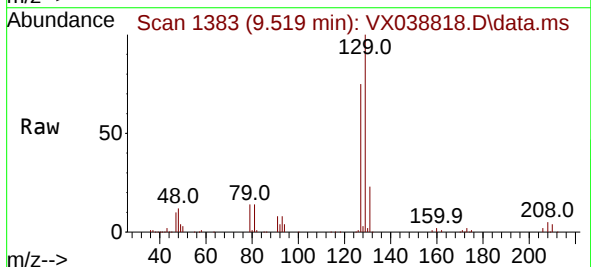
Acq: 14 Nov 2023 19:48

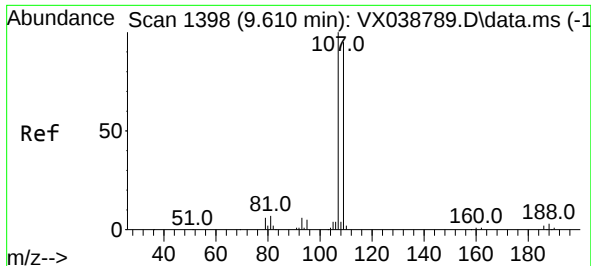
Tgt Ion:129 Resp: 77657

Ion Ratio Lower Upper

129 100

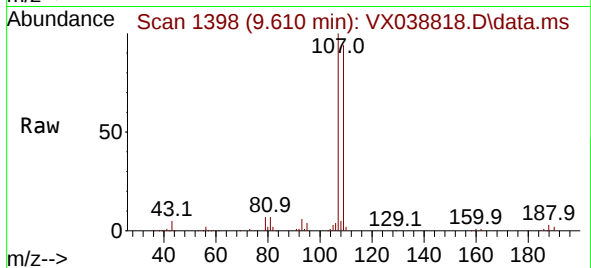
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.040 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

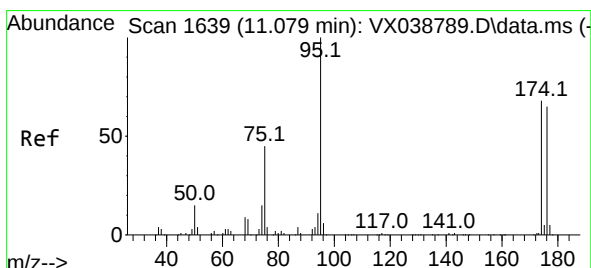
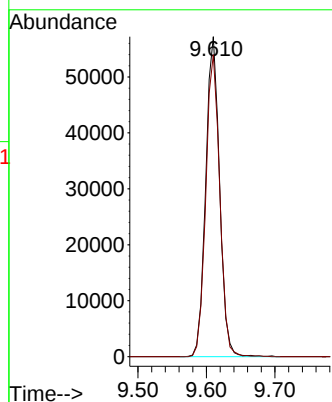
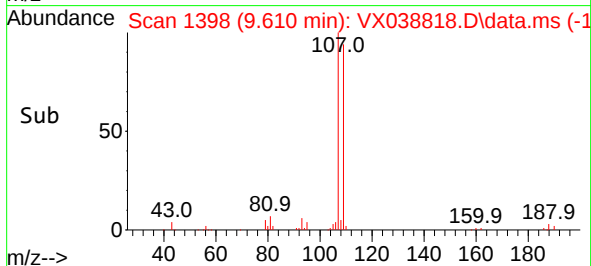
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



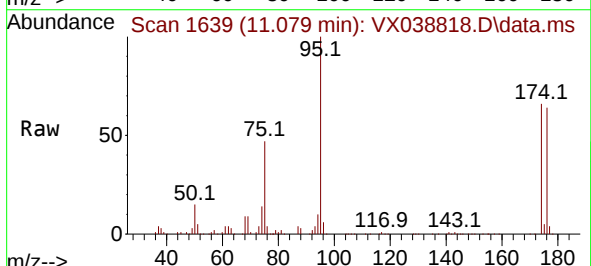
Tgt Ion:107 Resp: 80532
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
APPROVED

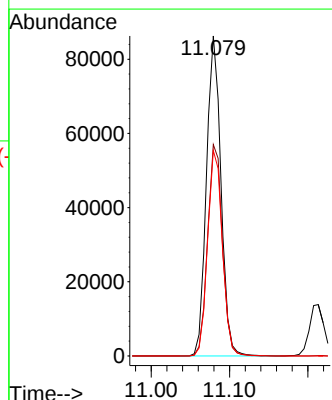
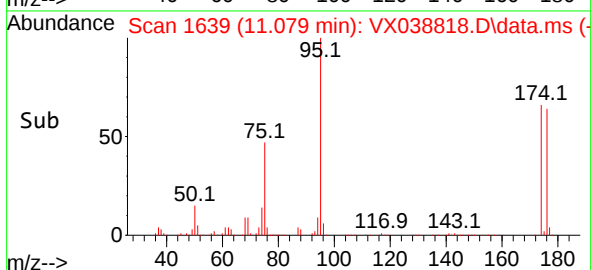
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

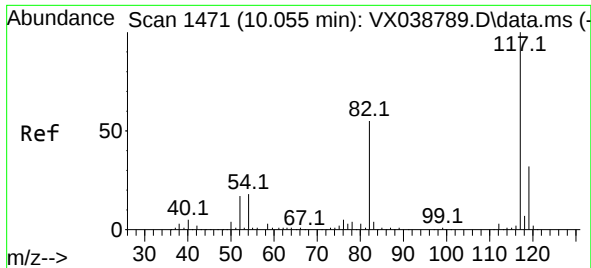


#62
4-Bromofluorobenzene
Concen: 48.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



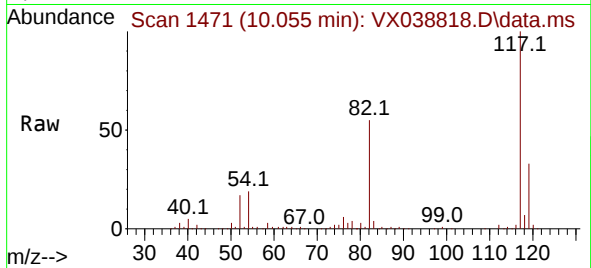
Tgt Ion: 95 Resp: 110522
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

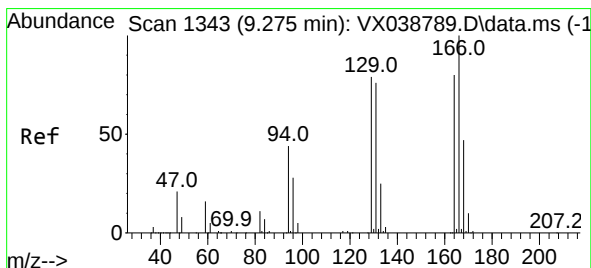
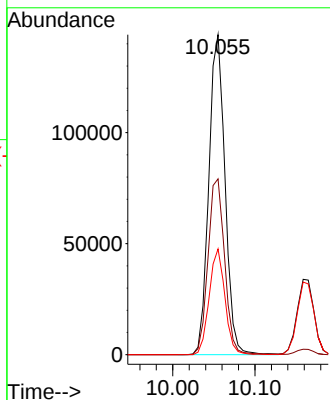
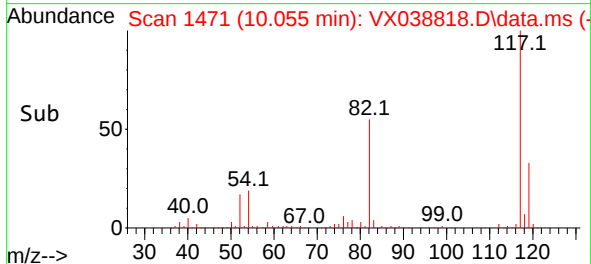
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 197589
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 33.1 25.5 38.3

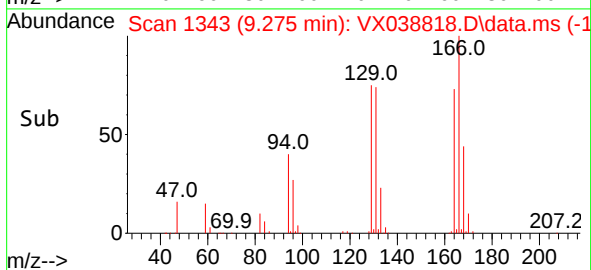
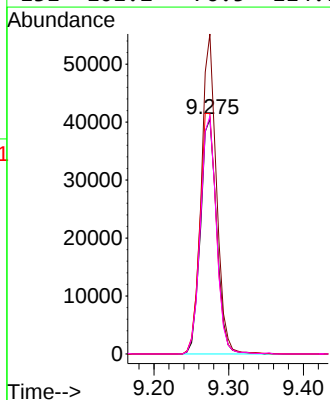
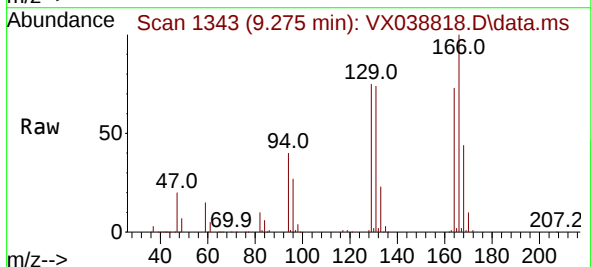
Manual Integrations
APPROVED

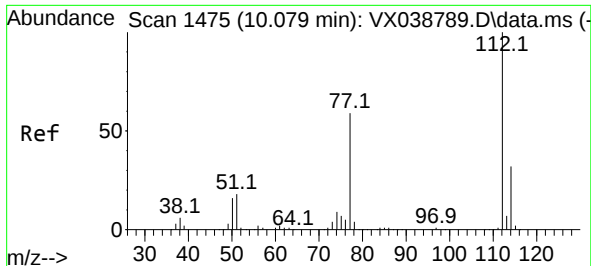
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 48.043 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:164 Resp: 60634
Ion Ratio Lower Upper
164 100
166 136.2 102.7 154.1
129 102.3 80.4 120.6
131 101.2 76.5 114.7





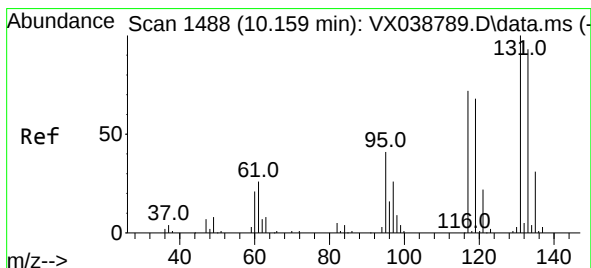
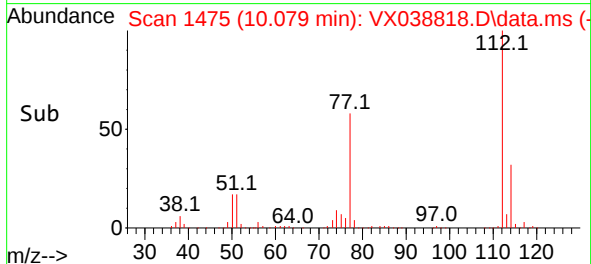
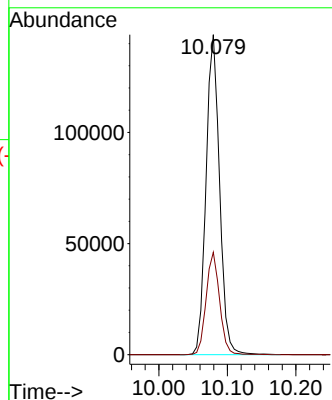
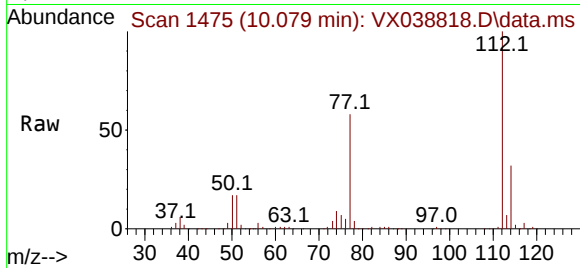
#65
Chlorobenzene
Concen: 48.916 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 197609
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

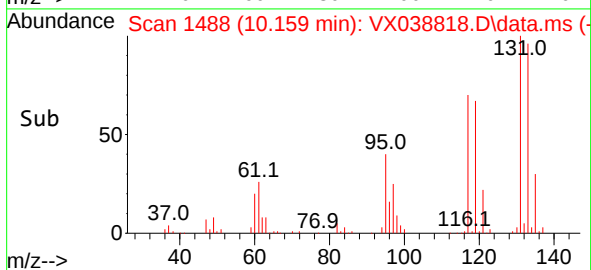
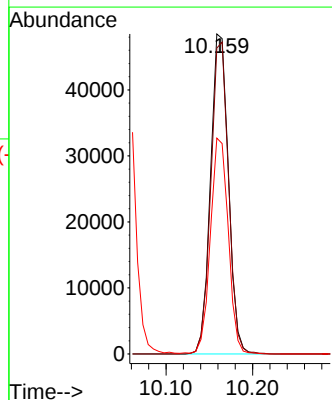
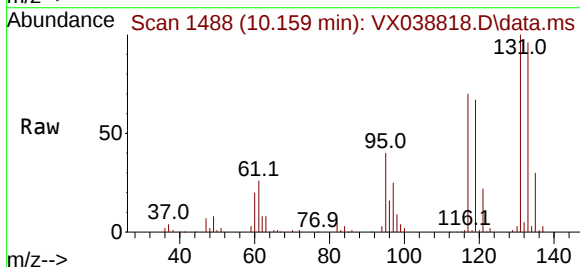
Manual Integrations
APPROVED

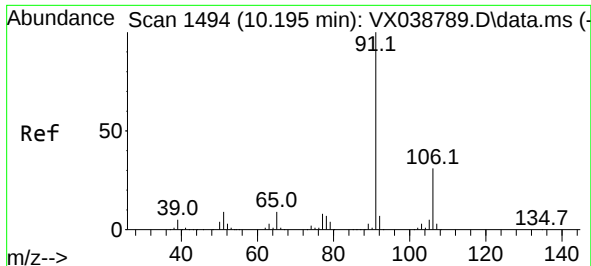
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.330 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:131 Resp: 69520
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 67.4 32.2 96.6





#67

Ethyl Benzene

Concen: 48.015 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 344849

Ion Ratio Lower Upper

91 100

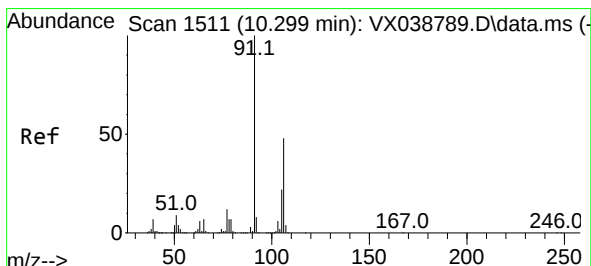
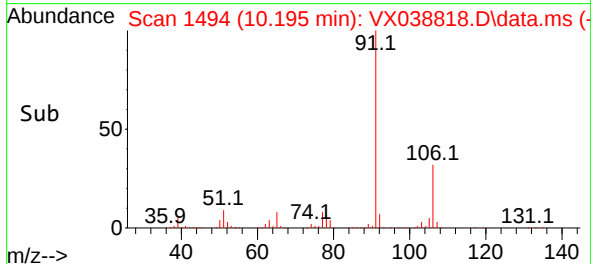
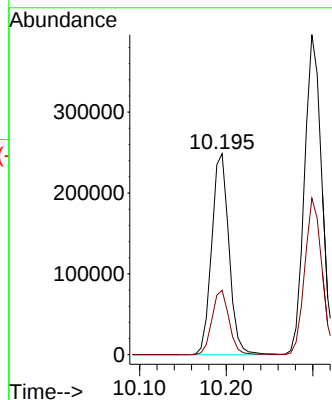
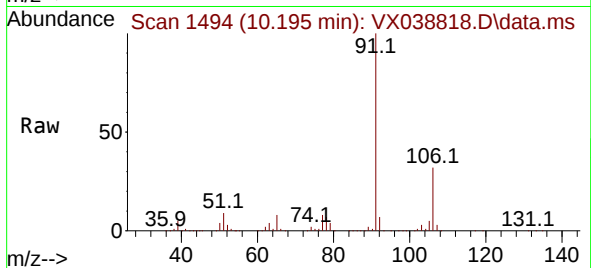
106 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#68

m/p-Xylenes

Concen: 97.695 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038818.D

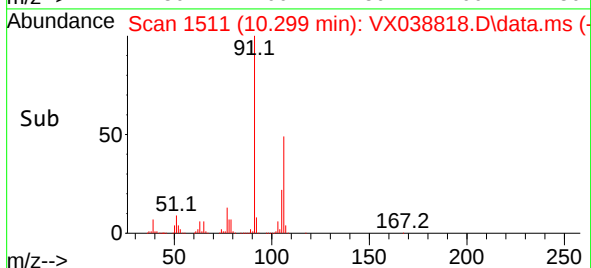
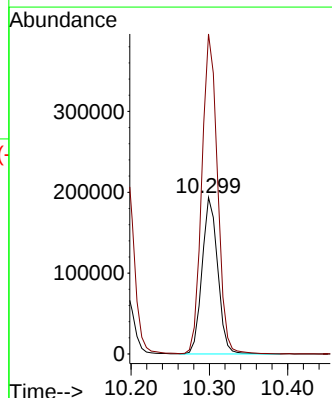
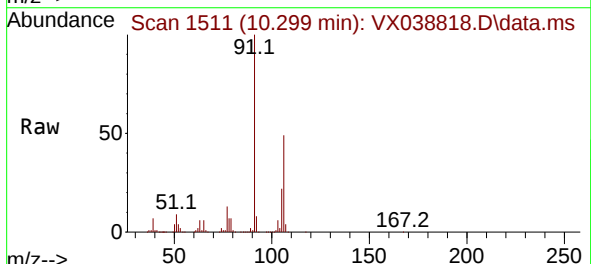
Acq: 14 Nov 2023 19:48

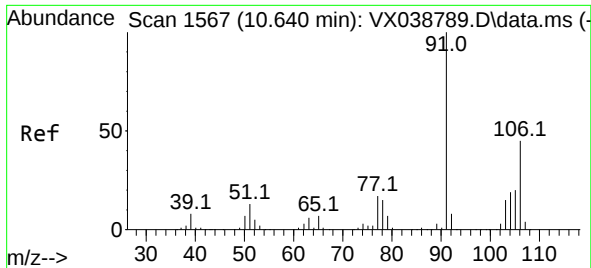
Tgt Ion:106 Resp: 267577

Ion Ratio Lower Upper

106 100

91 205.6 165.5 248.3





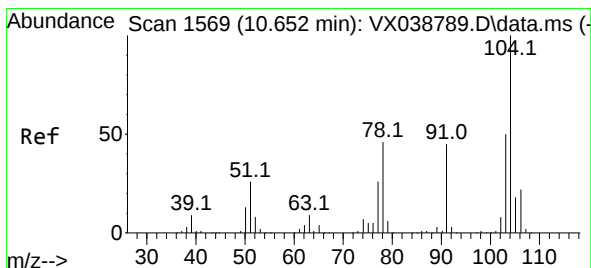
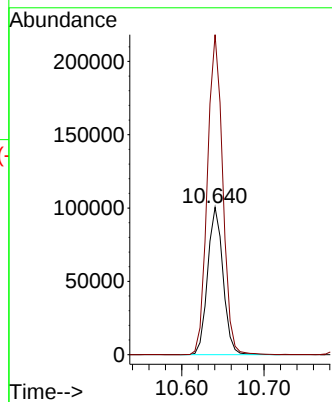
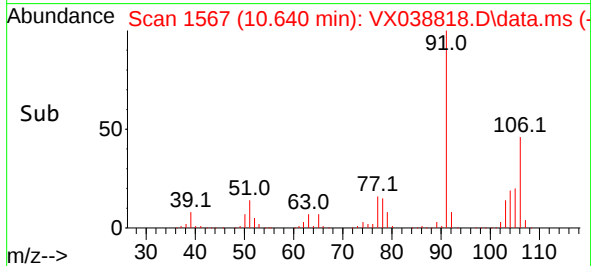
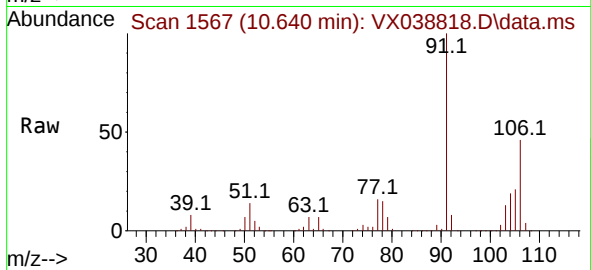
#69
o-Xylene
Concen: 49.171 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 130680
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.8

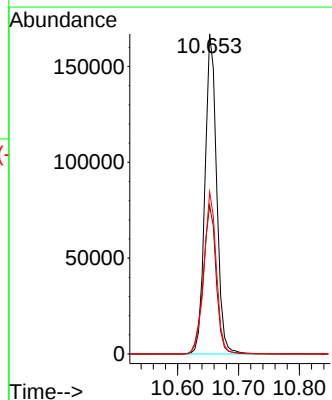
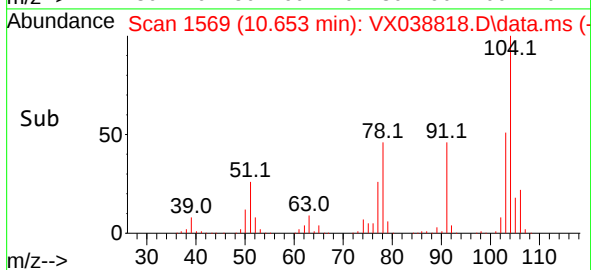
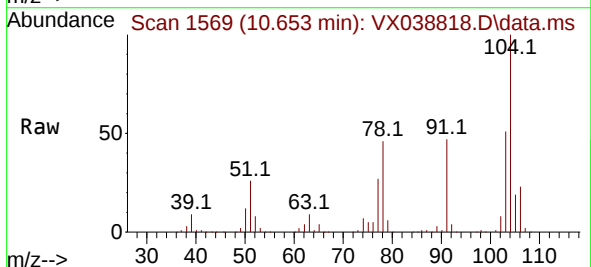
Manual Integrations
APPROVED

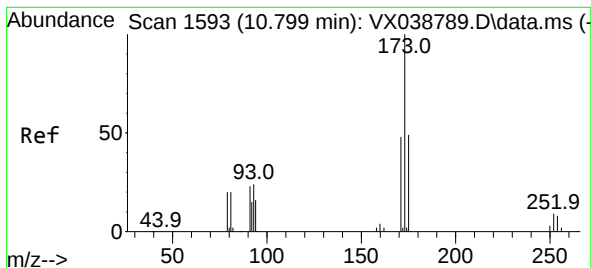
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 50.240 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:104 Resp: 223391
Ion Ratio Lower Upper
104 100
78 51.1 43.6 65.4
103 53.8 43.6 65.4





#71

Bromoform

Concen: 51.420 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

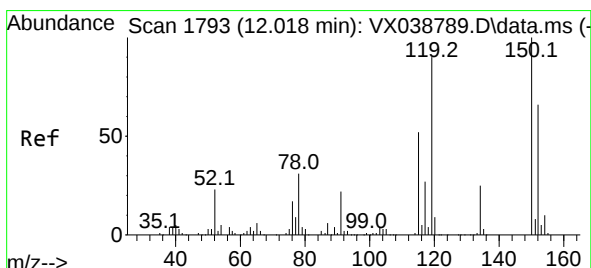
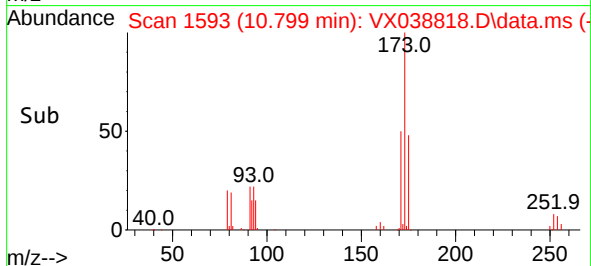
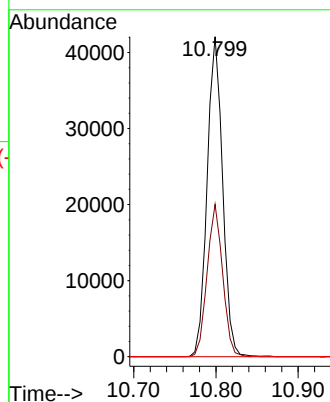
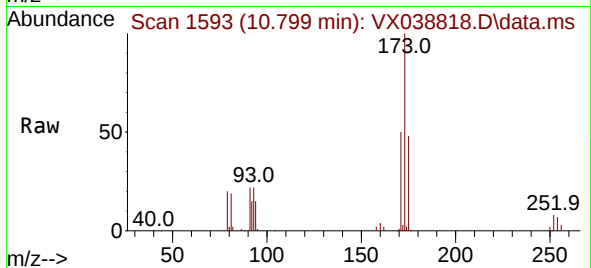
Tgt Ion:173 Resp: 5504
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

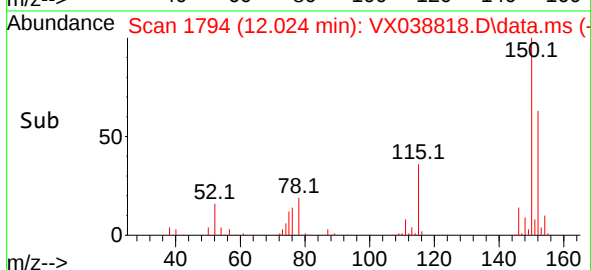
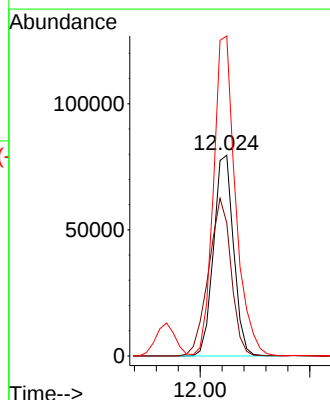
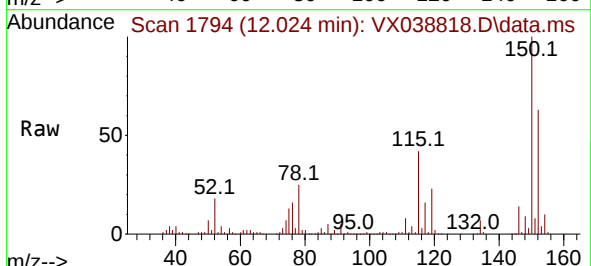
RT: 12.024 min Scan# 1794

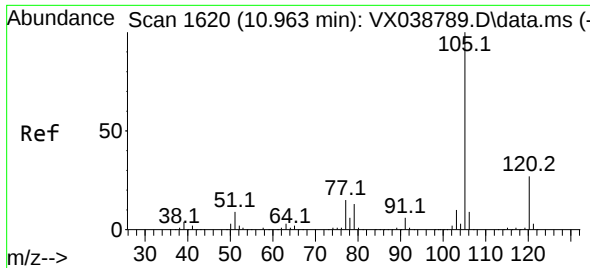
Delta R.T. 0.006 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Tgt Ion:152 Resp: 100899
 Ion Ratio Lower Upper
 152 100
 115 88.5 43.3 129.9
 150 175.7 0.0 345.0





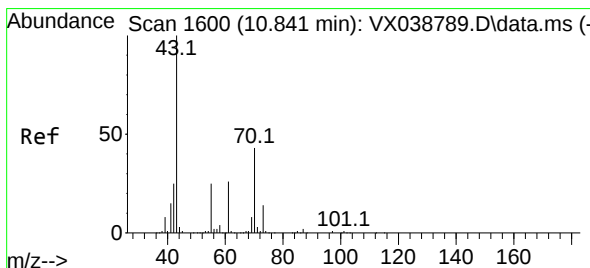
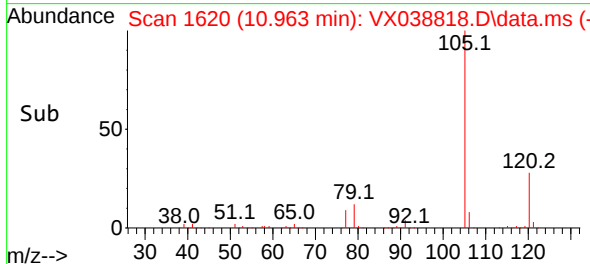
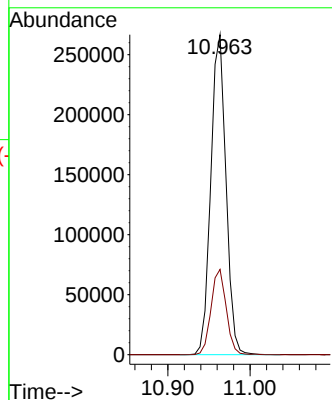
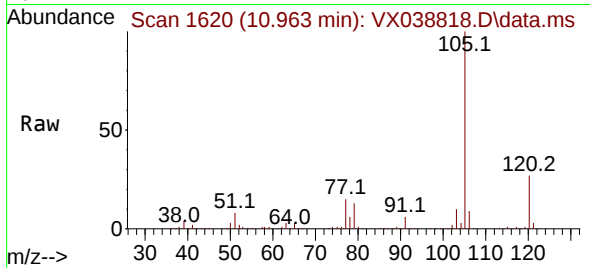
#73
Isopropylbenzene
Concen: 48.703 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 341750
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

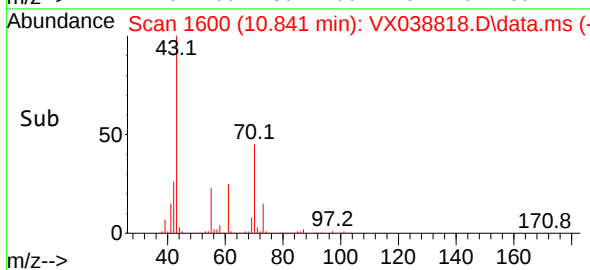
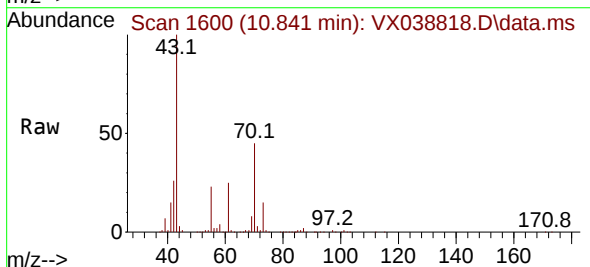
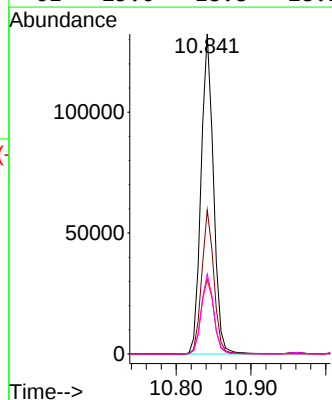
Manual Integrations
APPROVED

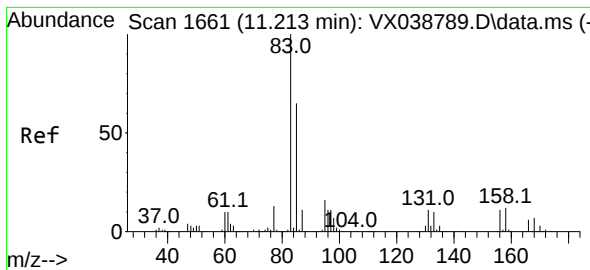
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#74
N-ethyl acetate
Concen: 52.449 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

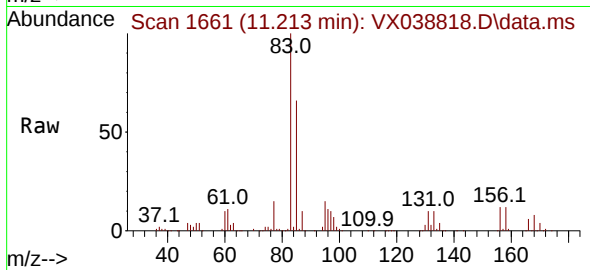
Tgt Ion: 43 Resp: 152833
Ion Ratio Lower Upper
43 100
70 43.9 32.9 49.3
55 24.2 19.3 28.9
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.062 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

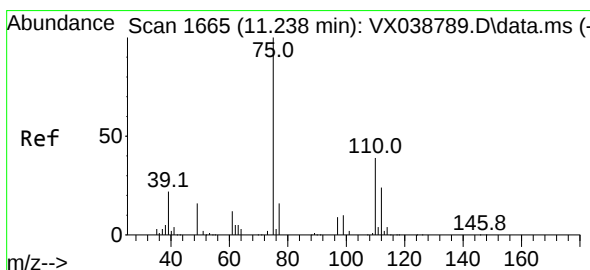
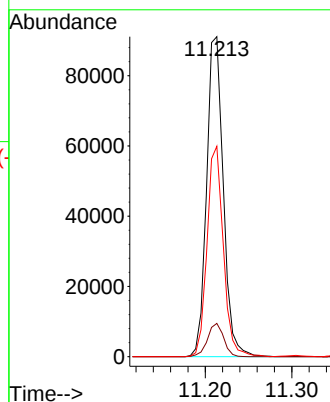
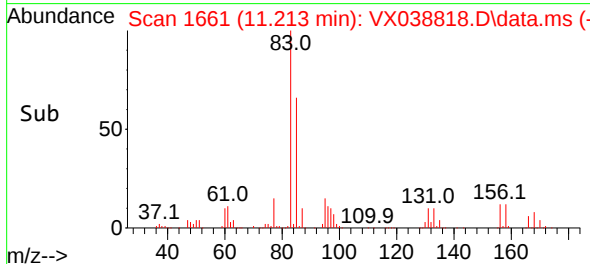
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



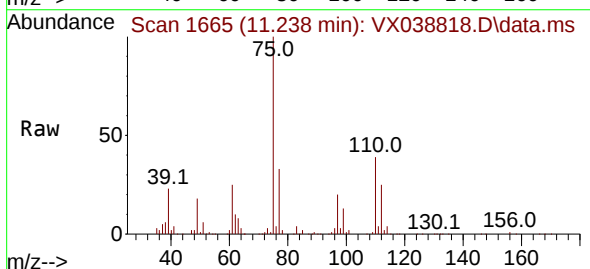
Tgt Ion: 83 Resp: 12204
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
APPROVED

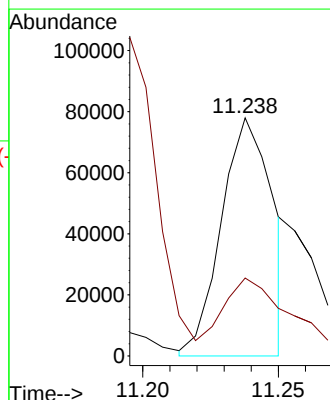
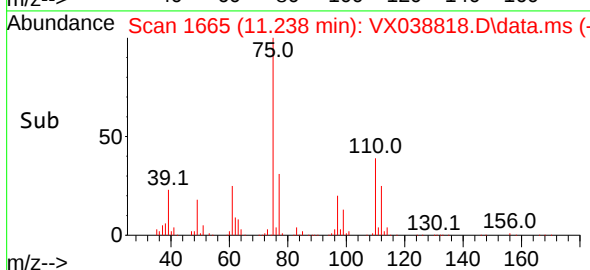
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

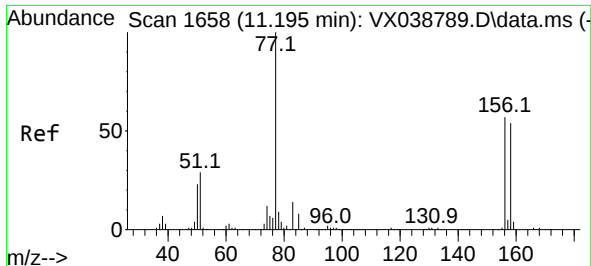


#76
1,2,3-Trichloropropane
Concen: 47.612 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



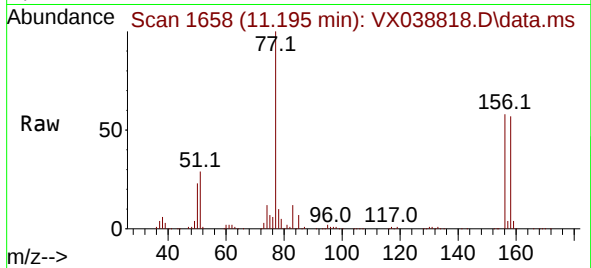
Tgt Ion: 75 Resp: 102576
Ion Ratio Lower Upper
75 100
77 43.8 19.1 57.5





#77
Bromobenzene
Concen: 49.742 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

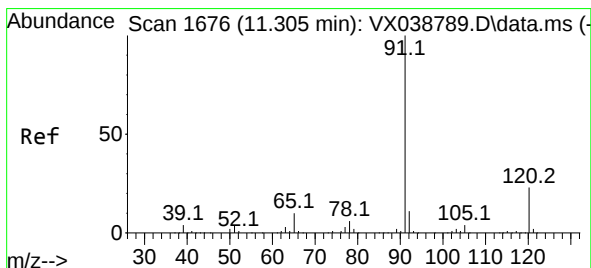
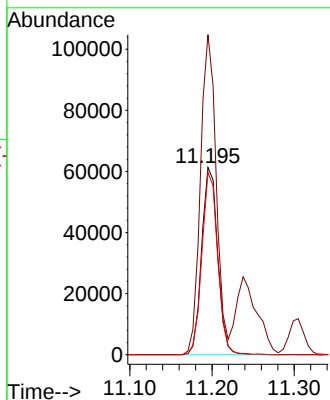
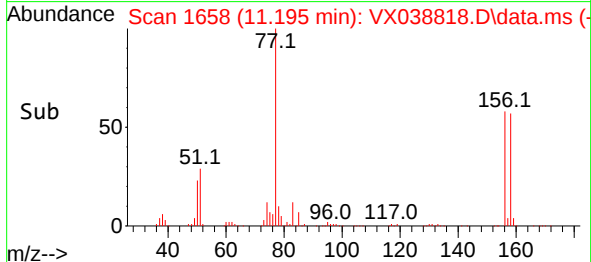
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



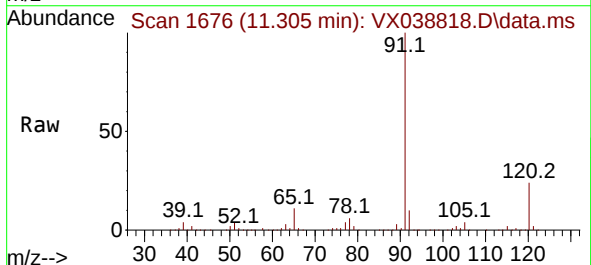
Tgt Ion:156 Resp: 83070
Ion Ratio Lower Upper
156 100
77 167.6 88.4 265.3
158 95.7 48.0 144.0

Manual Integrations
APPROVED

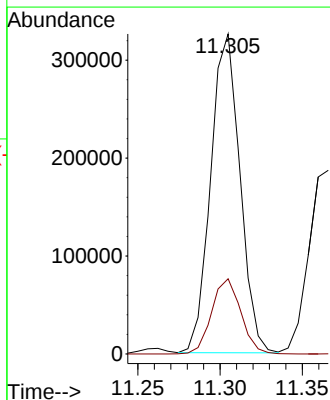
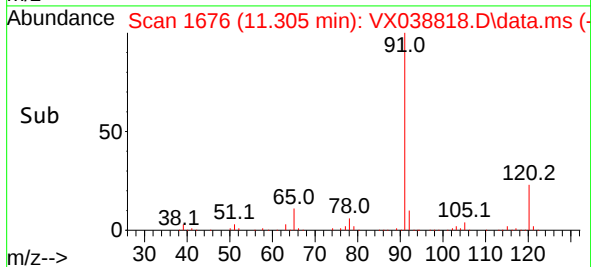
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

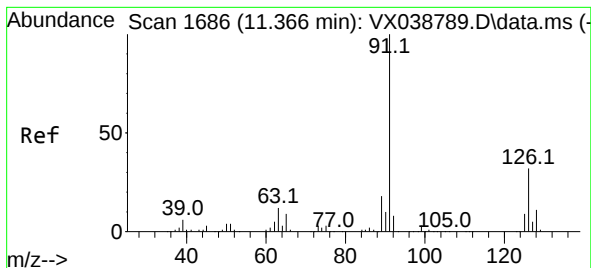


#78
n-propylbenzene
Concen: 48.068 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



Tgt Ion: 91 Resp: 403428
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





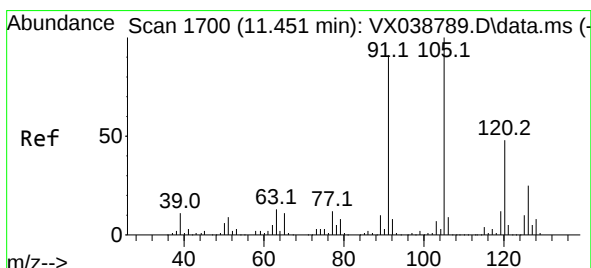
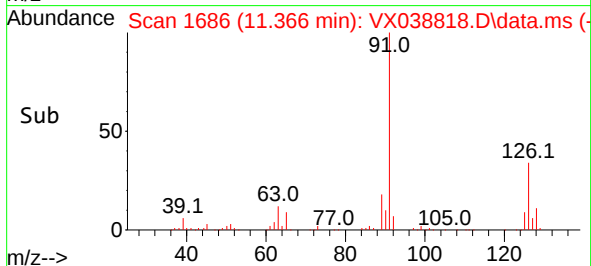
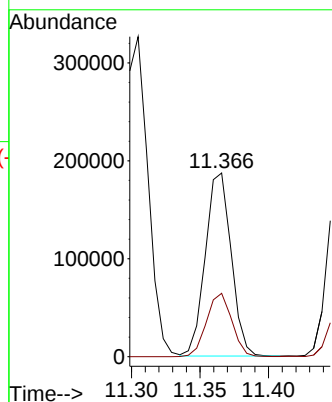
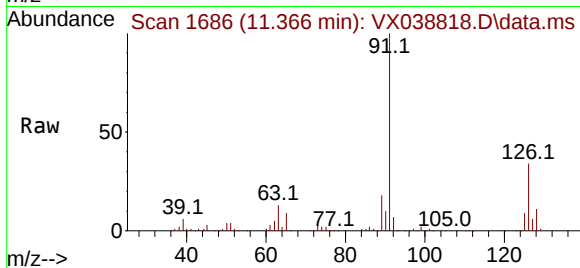
#79
2-Chlorotoluene
Concen: 47.710 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 245529
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

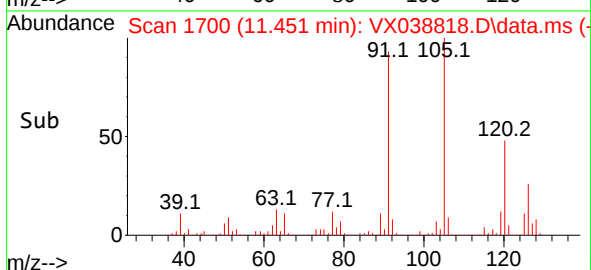
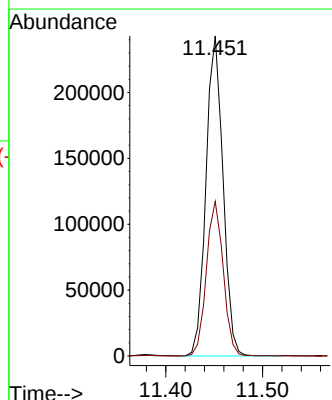
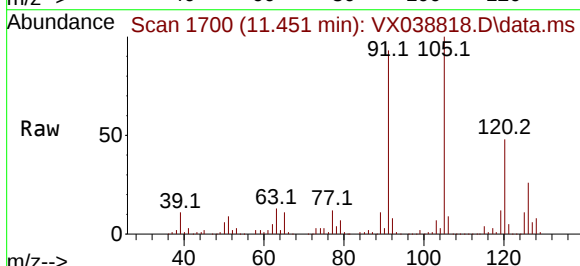
Manual Integrations
APPROVED

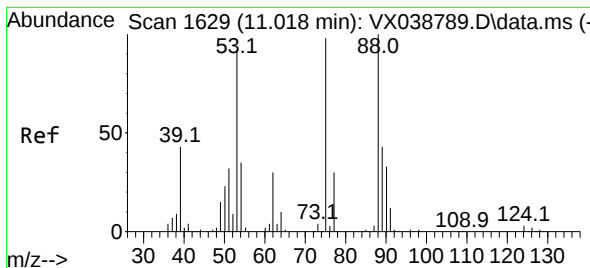
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.413 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:105 Resp: 298004
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





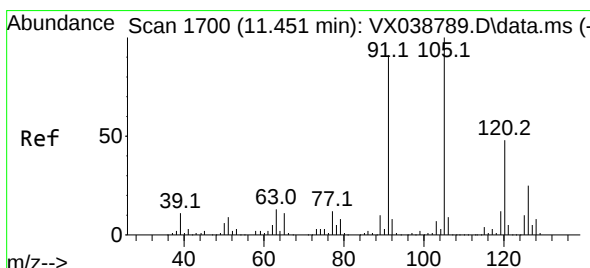
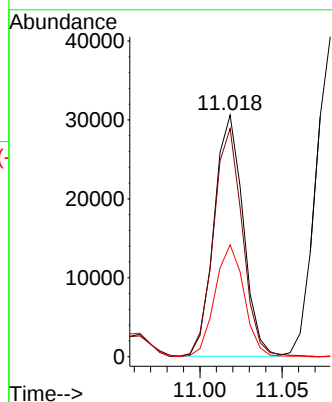
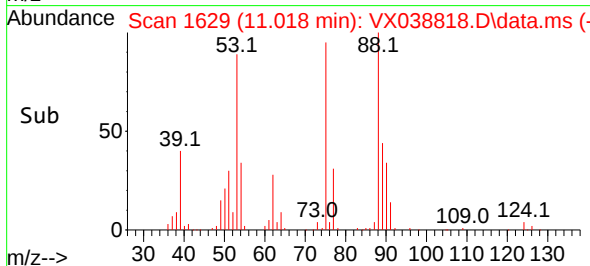
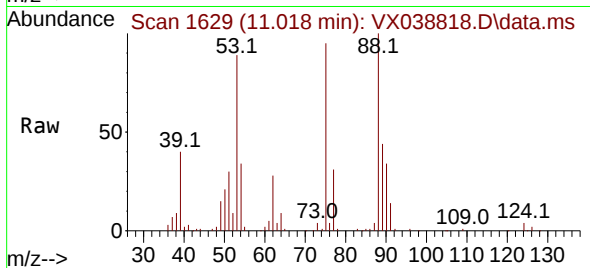
#81
trans-1,4-Dichloro-2-butene
Concen: 50.095 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 37559
Ion Ratio Lower Upper
75 100
53 94.4 90.5 135.7
89 46.6 36.9 55.3

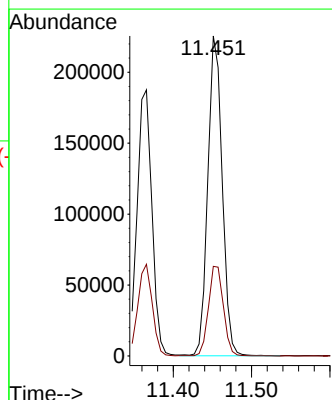
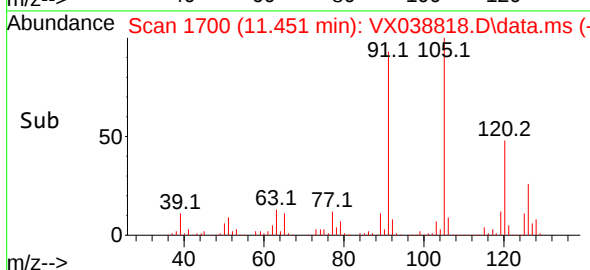
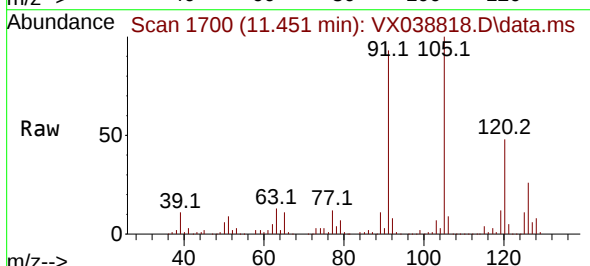
Manual Integrations
APPROVED

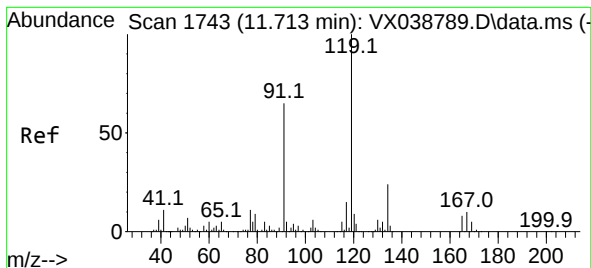
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 48.423 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

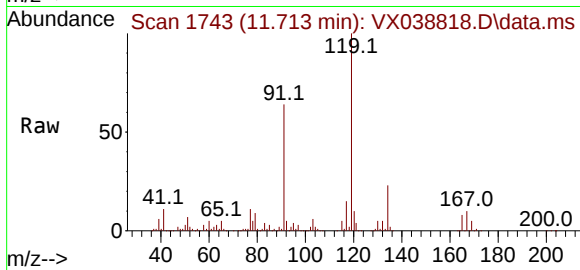
Tgt Ion: 91 Resp: 286880
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.904 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

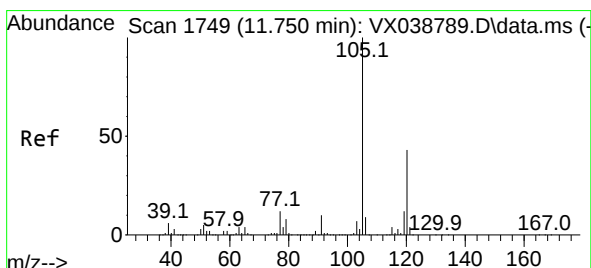
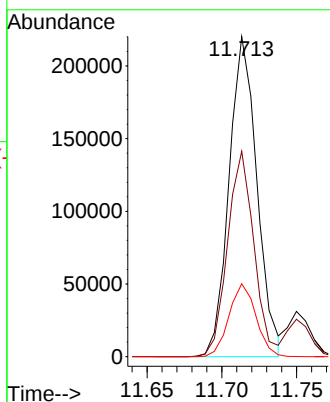
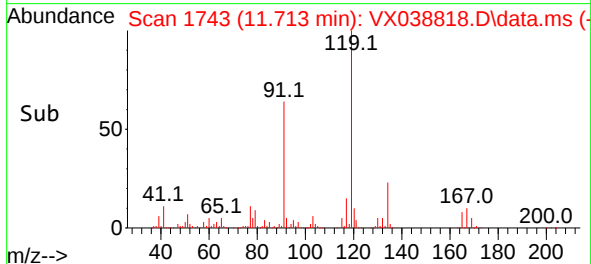
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



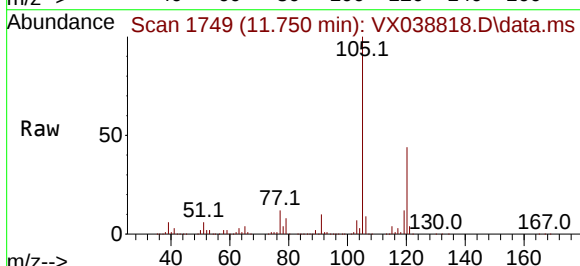
Tgt Ion:119 Resp: 28573
Ion Ratio Lower Upper
119 100
91 60.8 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
APPROVED

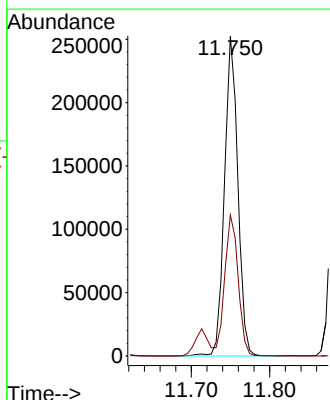
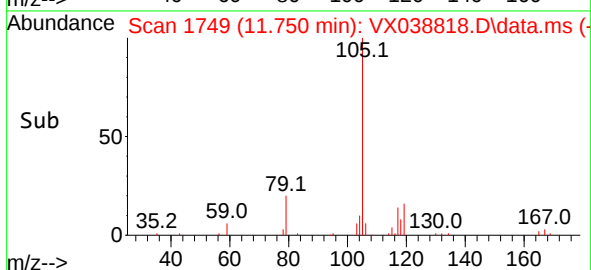
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

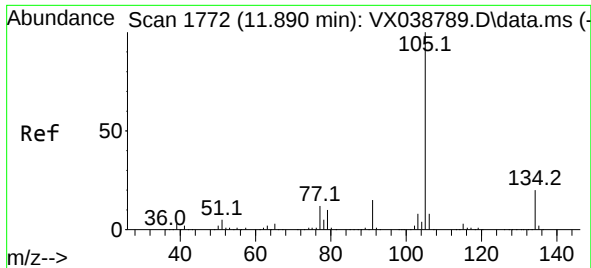


#84
1,2,4-Trimethylbenzene
Concen: 49.410 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



Tgt Ion:105 Resp: 299187
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6





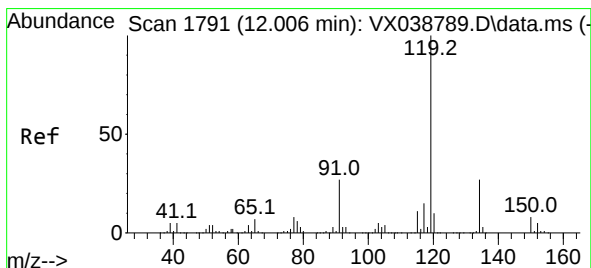
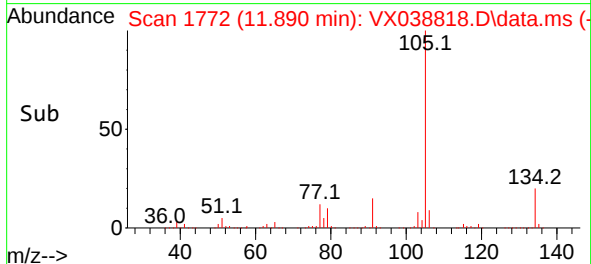
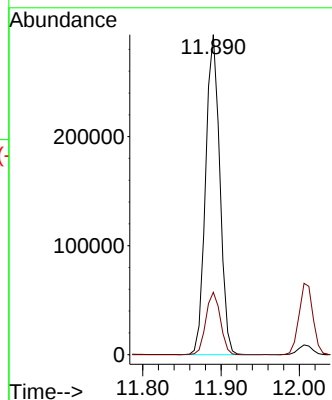
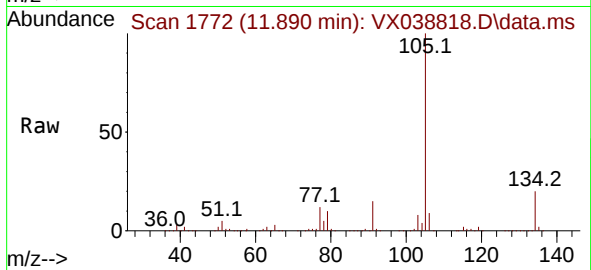
#85
 sec-Butylbenzene
 Concen: 48.547 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038818.D
 Acq: 14 Nov 2023 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 36746
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

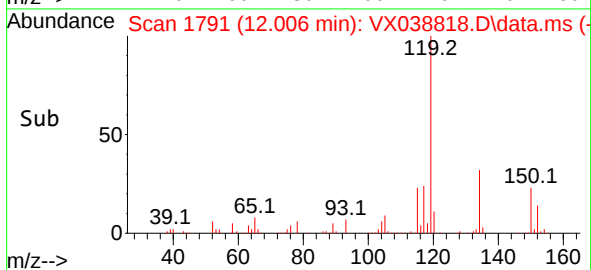
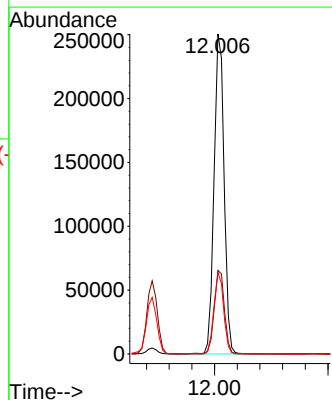
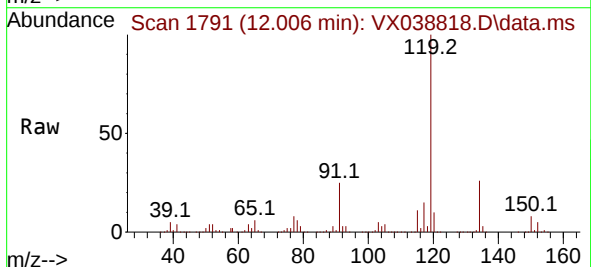
Manual Integrations
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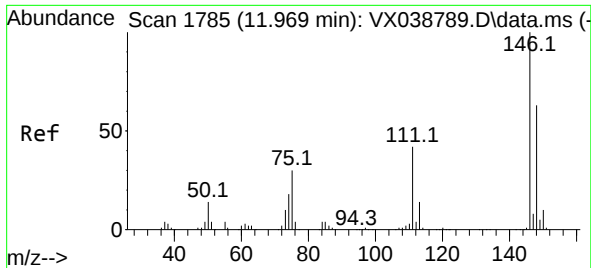
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 49.907 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038818.D
 Acq: 14 Nov 2023 19:48

Tgt Ion:119 Resp: 307988
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.261 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 158870

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.1

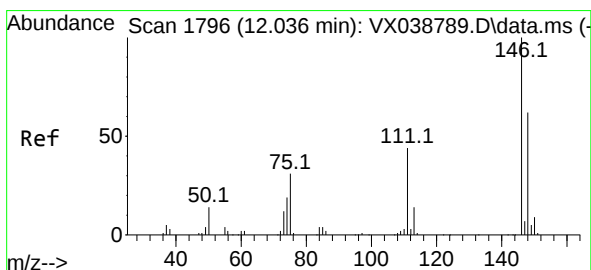
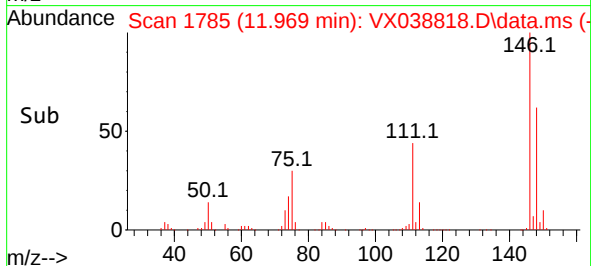
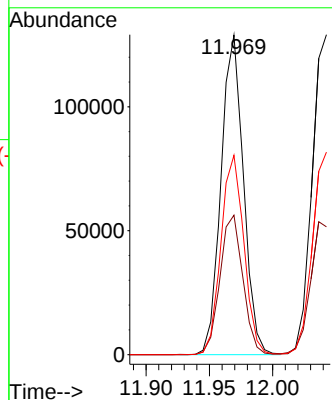
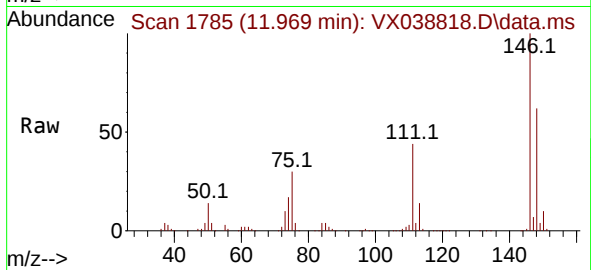
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 47.286 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

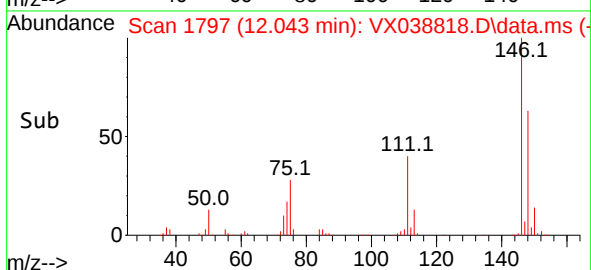
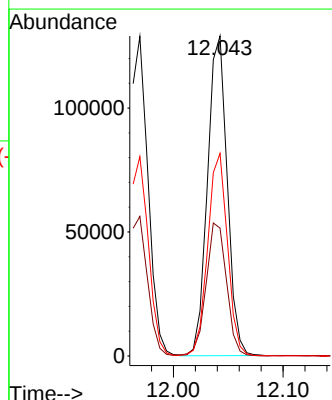
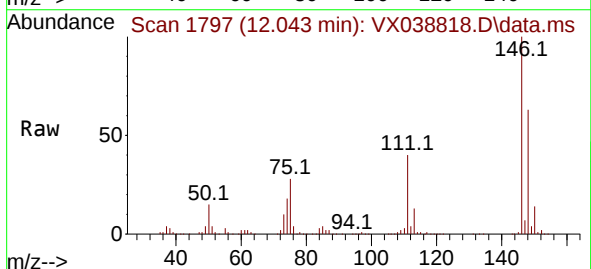
Tgt Ion:146 Resp: 161058

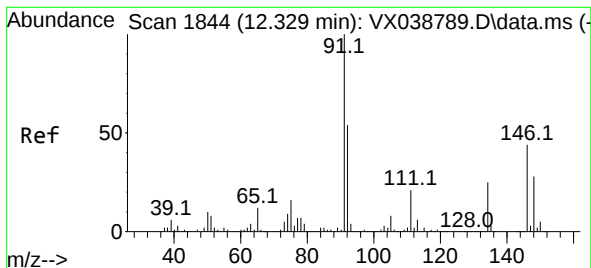
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

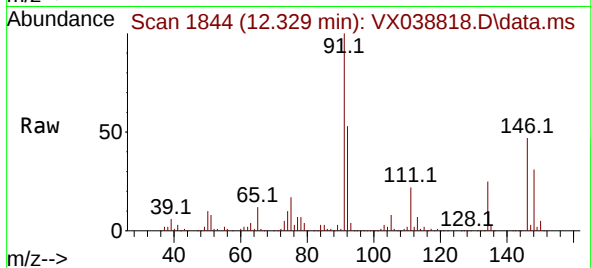
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 48.764 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

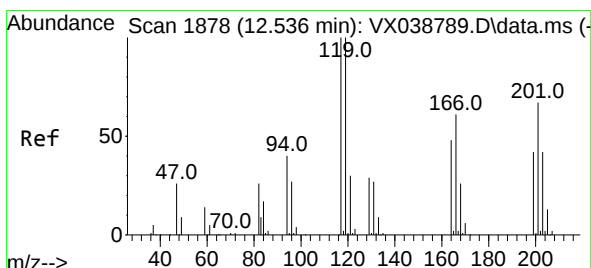
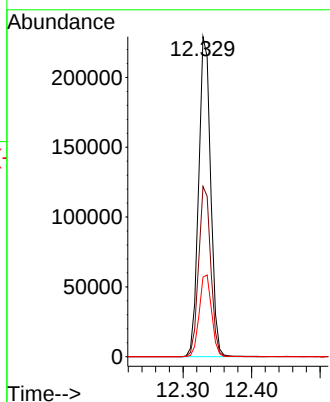
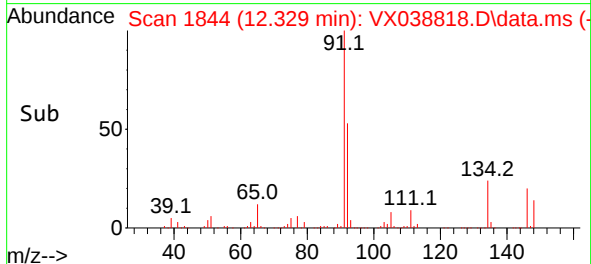
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 280339
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 26.2 12.6 37.8

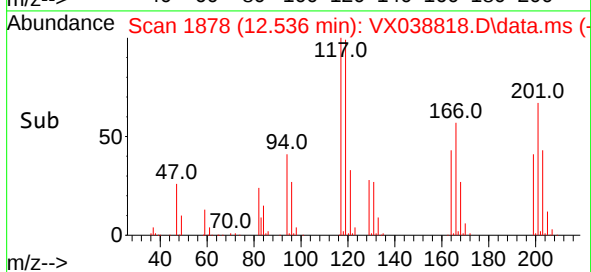
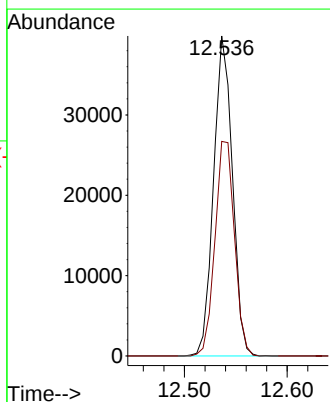
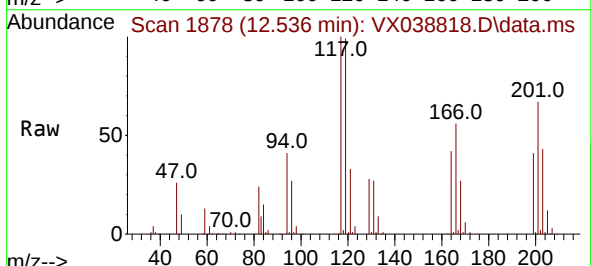
Manual Integrations
APPROVED

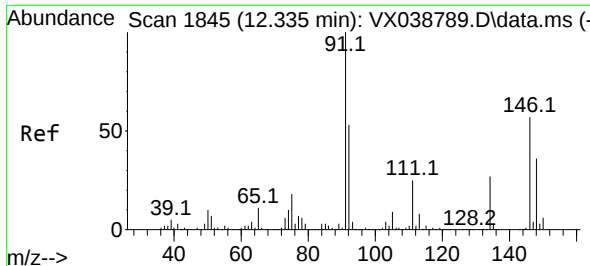
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 51.412 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Tgt Ion:117 Resp: 50663
Ion Ratio Lower Upper
117 100
201 69.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.310 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

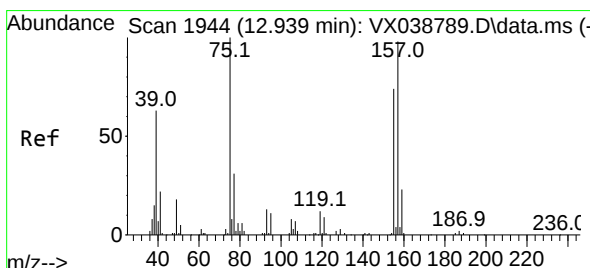
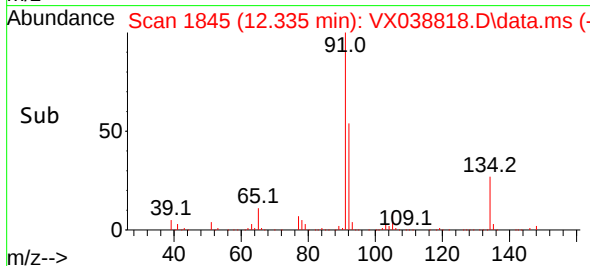
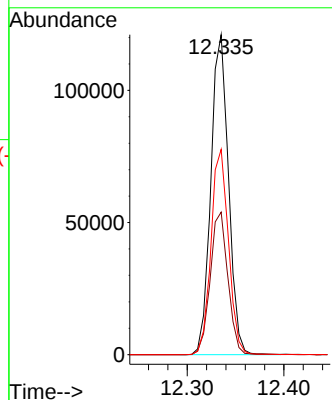
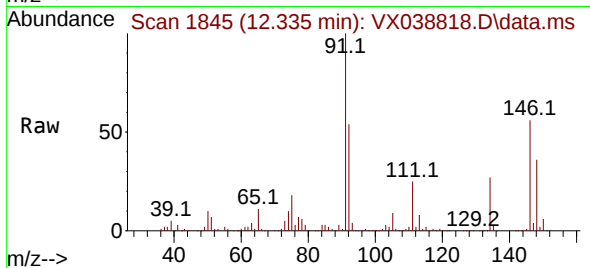
Tgt Ion:146 Resp: 15348
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

APPROVED

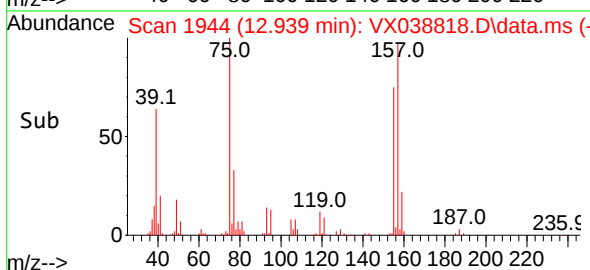
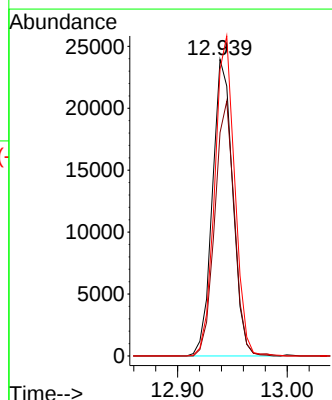
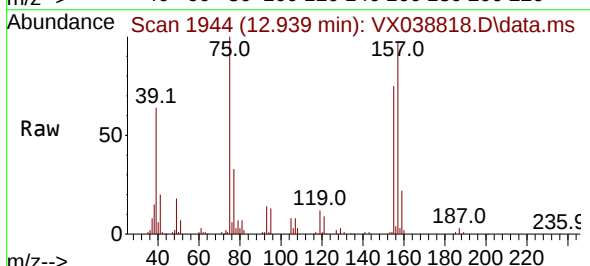
Reviewed By :John Carlone 11/15/2023

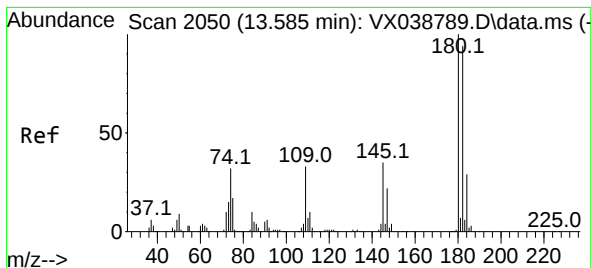
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.929 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

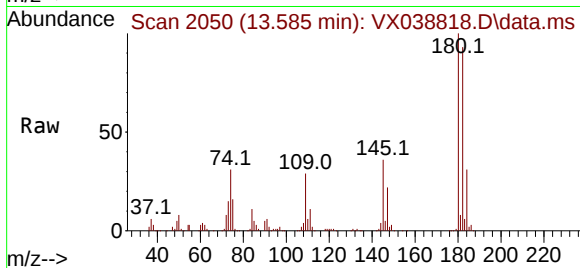
Tgt Ion: 75 Resp: 30848
Ion Ratio Lower Upper
75 100
155 82.9 36.1 108.5
157 106.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.970 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48

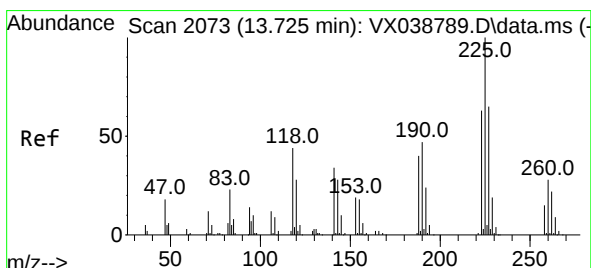
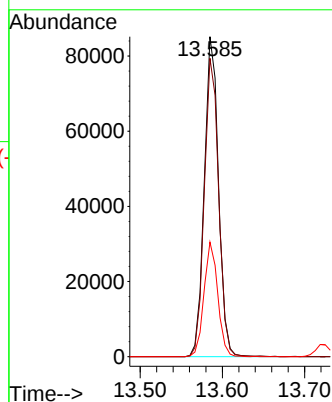
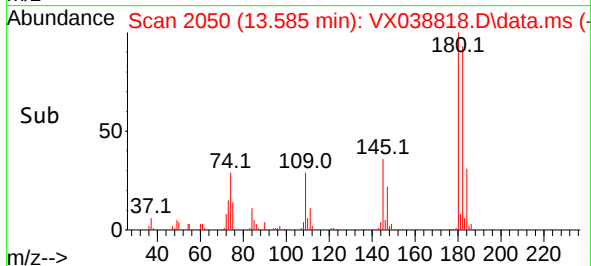
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



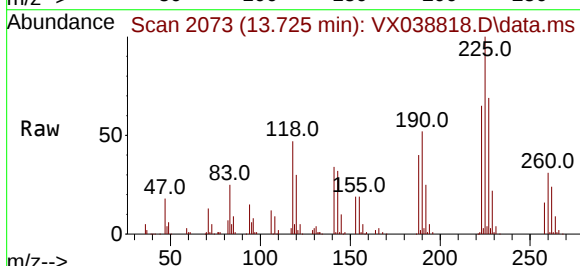
Tgt Ion:180 Resp: 102220
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 34.7 18.0 54.0

Manual Integrations
APPROVED

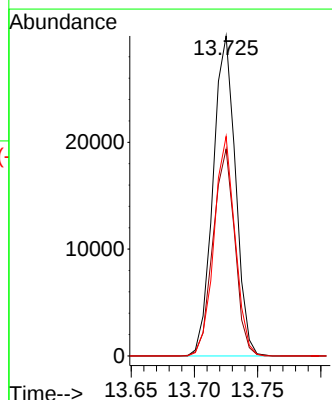
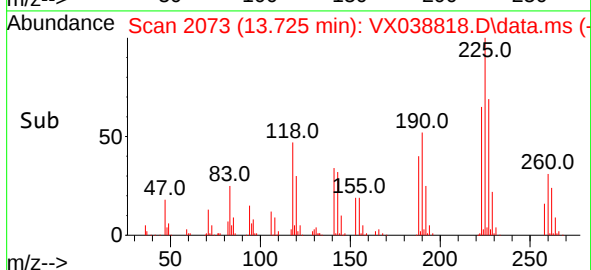
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

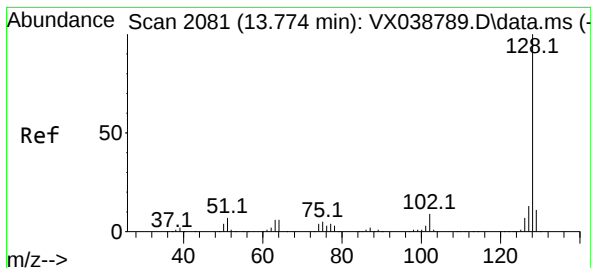


#94
Hexachlorobutadiene
Concen: 47.396 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038818.D
Acq: 14 Nov 2023 19:48



Tgt Ion:225 Resp: 36945
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 64.2 32.5 97.5





#95

Naphthalene

Concen: 50.235 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

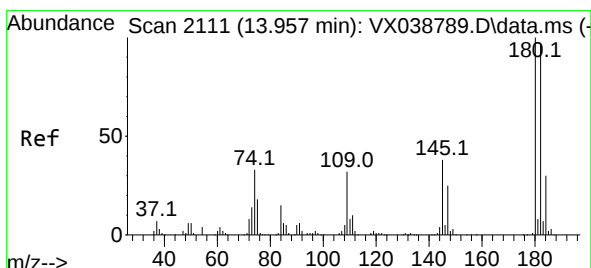
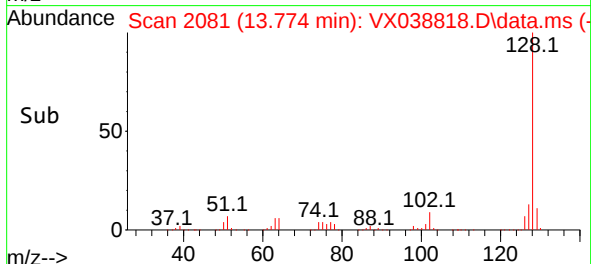
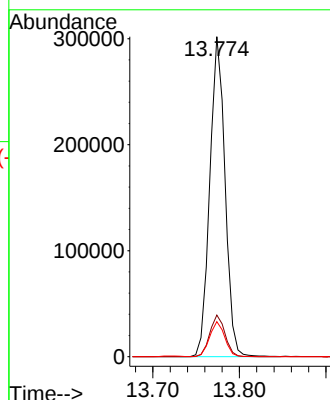
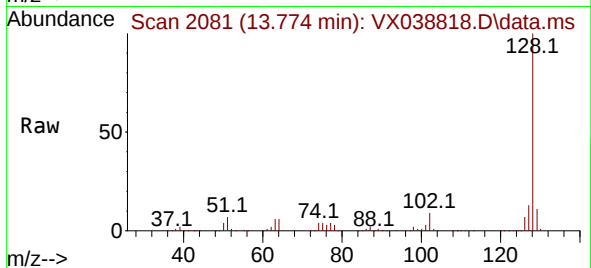
Tgt Ion:128 Resp: 36905
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.536 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038818.D

Acq: 14 Nov 2023 19:48

Tgt Ion:180 Resp: 97709
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.6
 145 37.7 17.8 53.5

