

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040789.D
 Acq On : 25 Mar 2024 16:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	53619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	89330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	77634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	45852	50.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.720%			
35) Dibromofluoromethane	5.373	113	31659	47.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	8.640	98	108983	47.617	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.240%			
62) 4-Bromofluorobenzene	11.079	95	41935	46.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31531	45.442	ug/l	97
3) Chloromethane	1.300	50	28295	39.869	ug/l	95
4) Vinyl Chloride	1.373	62	30312	45.106	ug/l	98
5) Bromomethane	1.605	94	22019	48.606	ug/l	97
6) Chloroethane	1.684	64	19951	42.237	ug/l	96
7) Trichlorofluoromethane	1.886	101	55099	46.860	ug/l	96
8) Diethyl Ether	2.129	74	17048	45.106	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29180	43.155	ug/l	99
10) Methyl Iodide	2.453	142	38459	42.959	ug/l	99
11) Tert butyl alcohol	2.952	59	34960	242.149	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	28276	44.646	ug/l	97
13) Acrolein	2.233	56	19576	229.124	ug/l	100
14) Allyl chloride	2.660	41	50867	44.814	ug/l	90
15) Acrylonitrile	3.056	53	83124	233.228	ug/l	98
16) Acetone	2.373	43	71987	225.422	ug/l	100
17) Carbon Disulfide	2.514	76	75494	41.499	ug/l	100
18) Methyl Acetate	2.696	43	36559	42.716	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	99911	45.707	ug/l	99
20) Methylene Chloride	2.788	84	30613	43.855	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	28716	42.950	ug/l	97
22) Diisopropyl ether	3.751	45	101258	45.717	ug/l	96
23) Vinyl Acetate	3.715	43	488061	233.120	ug/l	98
24) 1,1-Dichloroethane	3.605	63	56682	44.556	ug/l	99
25) 2-Butanone	4.544	43	118989	237.890	ug/l	97
26) 2,2-Dichloropropane	4.464	77	50021	45.066	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	34543	44.601	ug/l	99
28) Bromochloromethane	4.891	49	27111	46.595	ug/l	99
29) Tetrahydrofuran	4.989	42	77904	234.156	ug/l	98
30) Chloroform	5.086	83	62352	45.781	ug/l	100
31) Cyclohexane	5.464	56	46886	43.769	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56476	48.243	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41365	42.031	ug/l	99
37) Ethyl Acetate	4.702	43	49135	43.966	ug/l	99
38) Carbon Tetrachloride	5.671	117	49388	44.584	ug/l	97
39) Methylcyclohexane	7.372	83	45598	41.820	ug/l	96
40) Benzene	6.031	78	119040	43.803	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040789.D
 Acq On : 25 Mar 2024 16:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	26642	46.101	ug/l	95
42) 1,2-Dichloroethane	6.074	62	50936	46.318	ug/l	97
43) Isopropyl Acetate	6.330	43	81137	46.234	ug/l	98
44) Trichloroethene	7.122	130	29112	44.693	ug/l	95
45) 1,2-Dichloropropane	7.421	63	28293	44.374	ug/l	98
46) Dibromomethane	7.574	93	22625	44.803	ug/l	98
47) Bromodichloromethane	7.817	83	46341	44.911	ug/l	99
48) Methyl methacrylate	7.683	41	37455	46.696	ug/l	94
49) 1,4-Dioxane	7.647	88	12524	925.173	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	250913	230.550	ug/l	96
52) Toluene	8.714	92	71620	44.189	ug/l	93
53) t-1,3-Dichloropropene	8.970	75	45741	42.852	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	49303	44.661	ug/l	100
55) 1,1,2-Trichloroethane	9.146	97	28031	42.469	ug/l	90
56) Ethyl methacrylate	9.110	69	48746	44.184	ug/l #	95
57) 1,3-Dichloropropane	9.305	76	48550	43.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	118088	203.949	ug/l	97
59) 2-Hexanone	9.427	43	186766	221.530	ug/l	97
60) Dibromochloromethane	9.518	129	34434	44.396	ug/l	99
61) 1,2-Dibromoethane	9.604	107	30184	43.307	ug/l	99
64) Tetrachloroethene	9.268	164	25045	43.310	ug/l	95
65) Chlorobenzene	10.079	112	81851	46.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	27840	46.463	ug/l	99
67) Ethyl Benzene	10.189	91	145775	46.228	ug/l	98
68) m/p-Xylenes	10.299	106	105691	91.544	ug/l	92
69) o-Xylene	10.640	106	51585	46.510	ug/l	92
70) Styrene	10.652	104	89209	48.047	ug/l	96
71) Bromoform	10.799	173	24059	49.161	ug/l #	99
73) Isopropylbenzene	10.957	105	137214	43.265	ug/l	100
74) N-amyl acetate	10.841	43	71315	45.671	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	45849	42.703	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41121m	45.743	ug/l	
77) Bromobenzene	11.195	156	33224	43.279	ug/l	98
78) n-propylbenzene	11.299	91	173391	44.340	ug/l	98
79) 2-Chlorotoluene	11.359	91	101294	44.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	118477	44.561	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.012	75	15866	44.649	ug/l	99
82) 4-Chlorotoluene	11.451	91	119346	42.170	ug/l	98
83) tert-Butylbenzene	11.713	119	116787	43.796	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	120148	44.900	ug/l	100
85) sec-Butylbenzene	11.890	105	151741	44.748	ug/l	100
86) p-Isopropyltoluene	12.006	119	131759	46.858	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65923	44.969	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	67008	43.040	ug/l	99
89) n-Butylbenzene	12.329	91	124272	43.826	ug/l	97
90) Hexachloroethane	12.536	117	23488	47.971	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	62329	43.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	11434	42.652	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	42713	41.728	ug/l	95
94) Hexachlorobutadiene	13.725	225	15804	39.170	ug/l	99
95) Naphthalene	13.774	128	141037	43.551	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41799	41.563	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
Data File : VX040789.D
Acq On : 25 Mar 2024 16:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

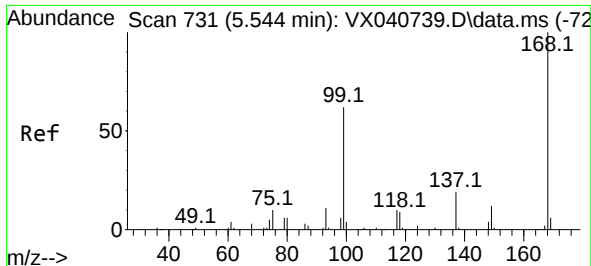
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

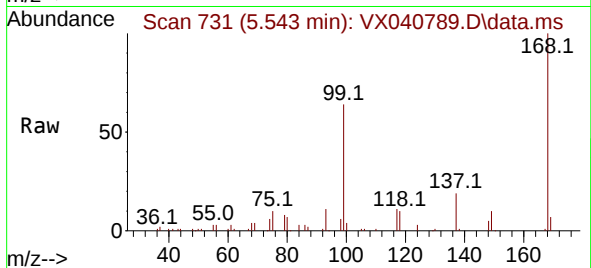
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

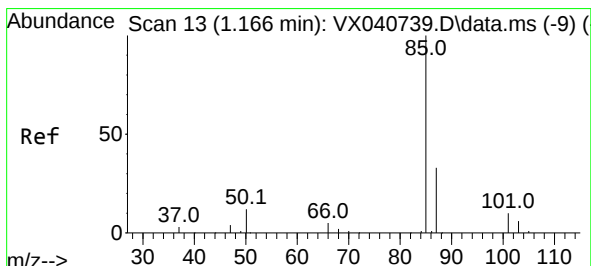
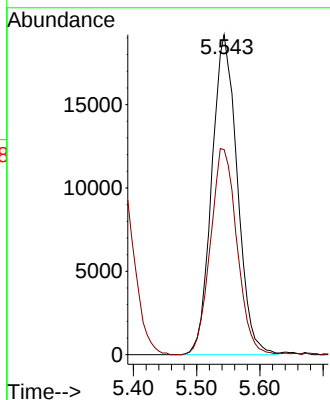
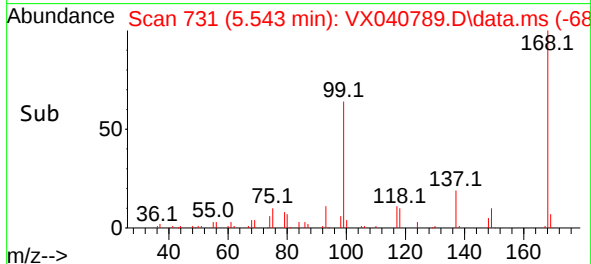
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 53619
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0

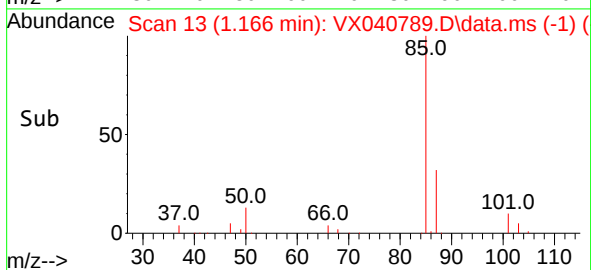
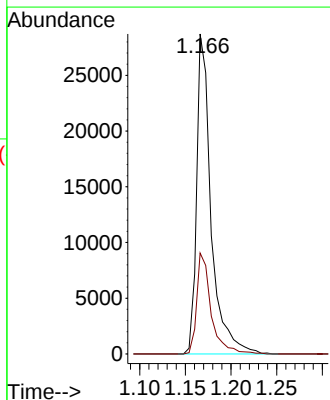
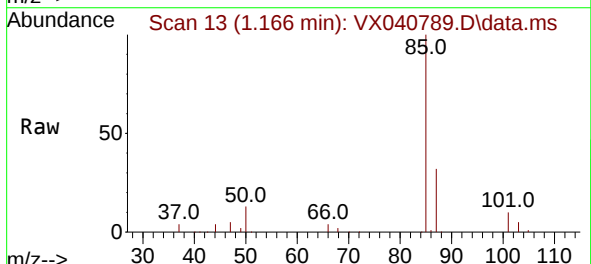
Manual Integrations
APPROVED

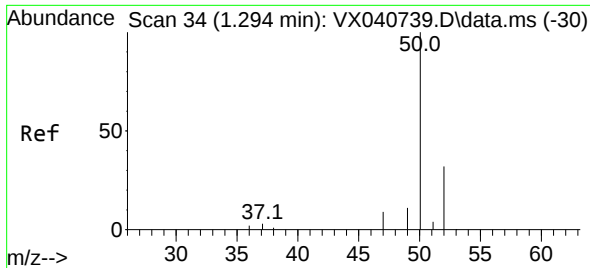
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#2
Dichlorodifluoromethane
Concen: 45.442 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 85 Resp: 31531
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





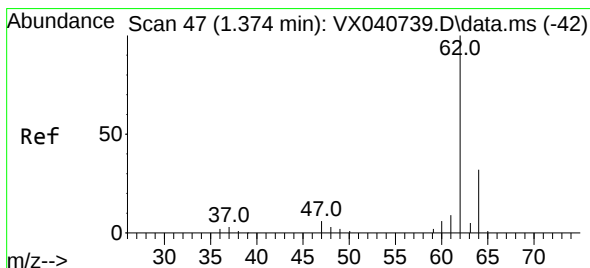
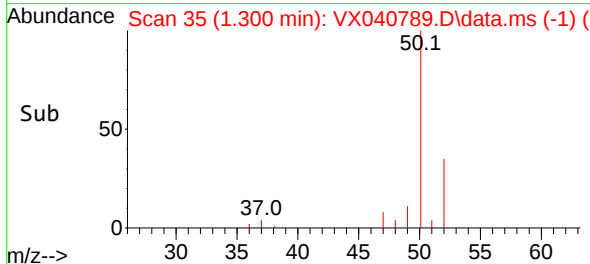
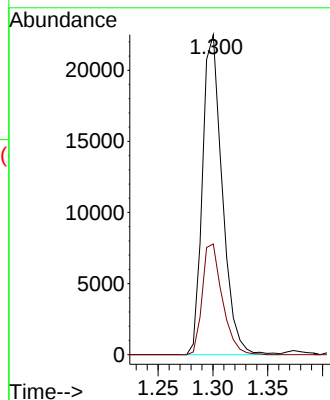
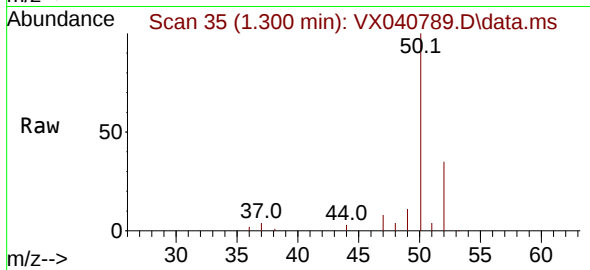
#3
Chloromethane
Concen: 39.869 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 2829
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3

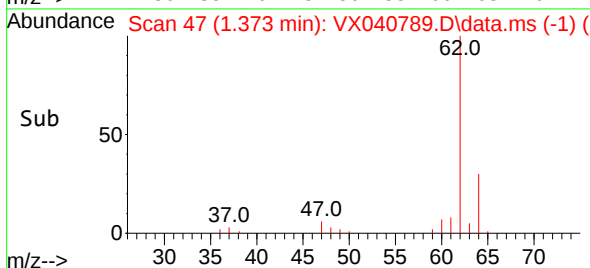
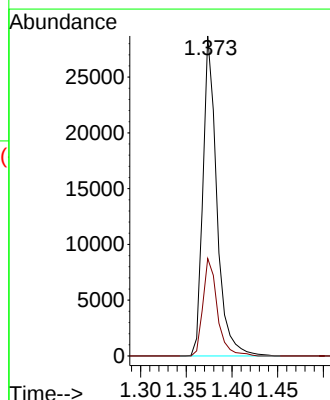
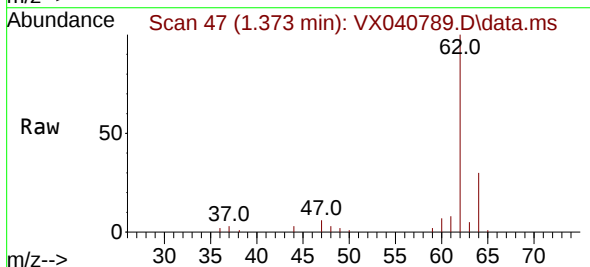
Manual Integrations
APPROVED

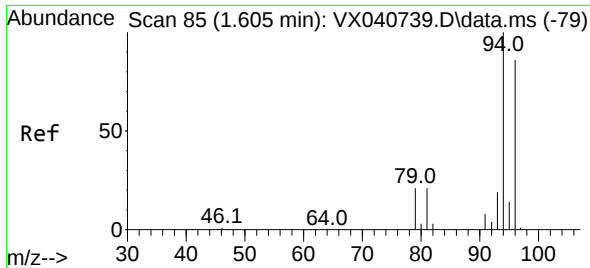
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#4
Vinyl Chloride
Concen: 45.106 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 62 Resp: 30312
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0





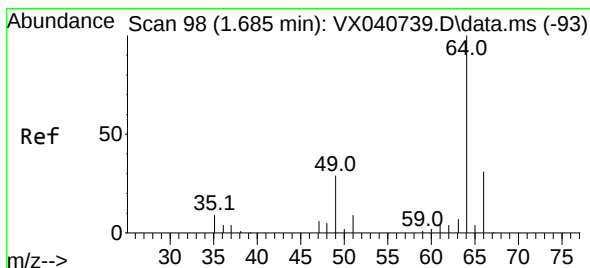
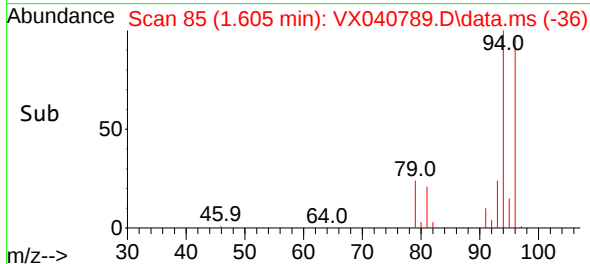
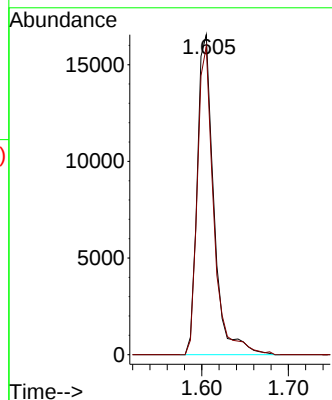
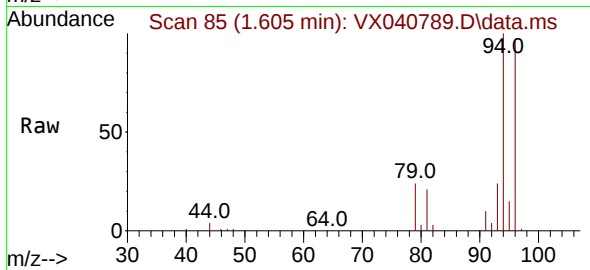
#5
Bromomethane
Concen: 48.606 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 22019
Ion Ratio Lower Upper
94 100
96 96.3 74.6 111.8

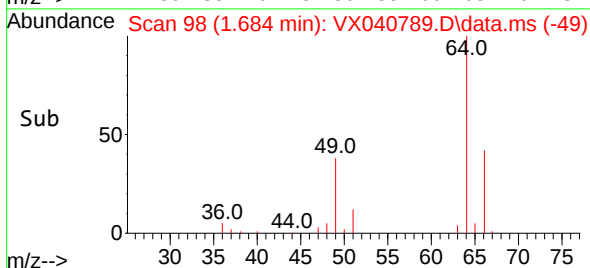
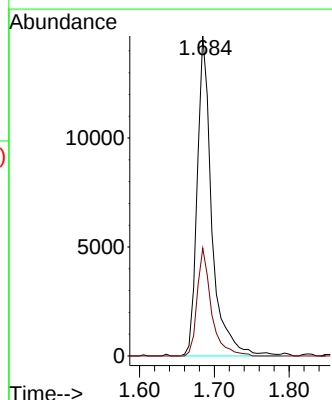
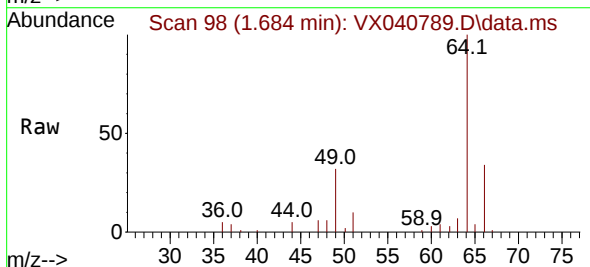
Manual Integrations
APPROVED

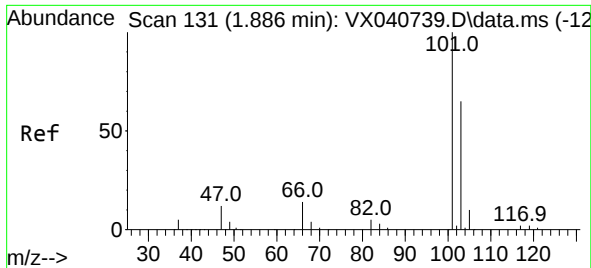
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#6
Chloroethane
Concen: 42.237 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

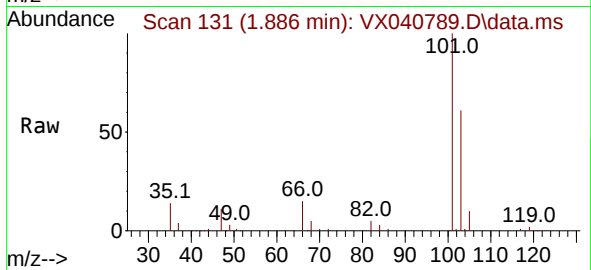
Tgt Ion: 64 Resp: 19951
Ion Ratio Lower Upper
64 100
66 33.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.860 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

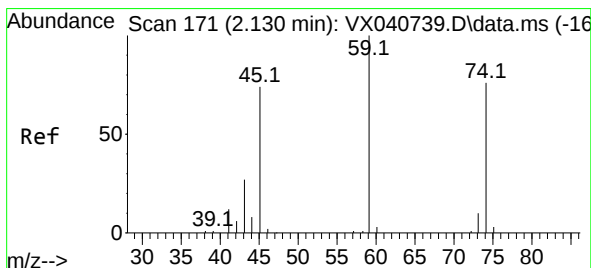
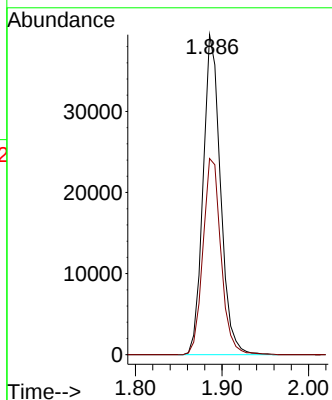
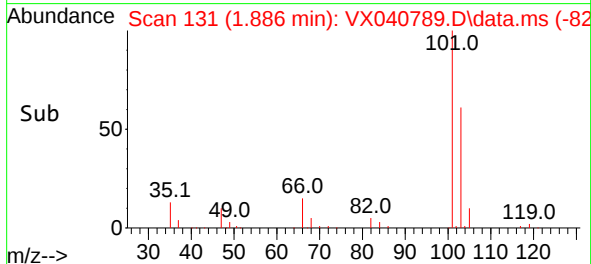
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 55099
Ion Ratio Lower Upper
101 100
103 61.3 51.4 77.2

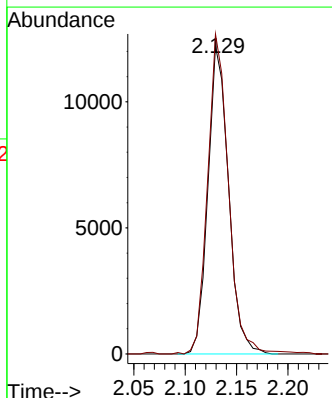
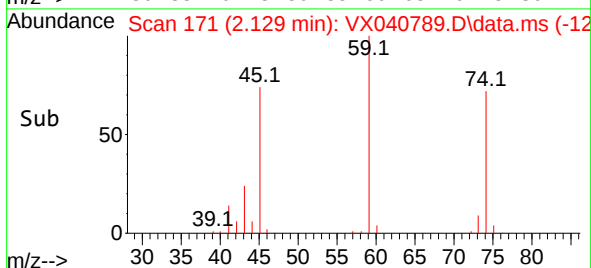
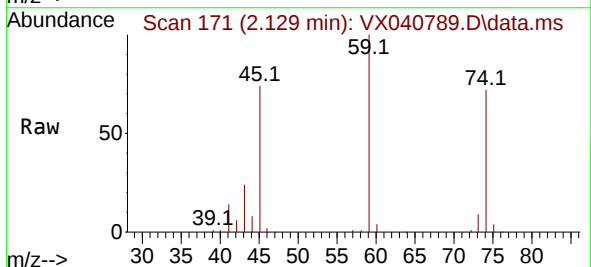
Manual Integrations
APPROVED

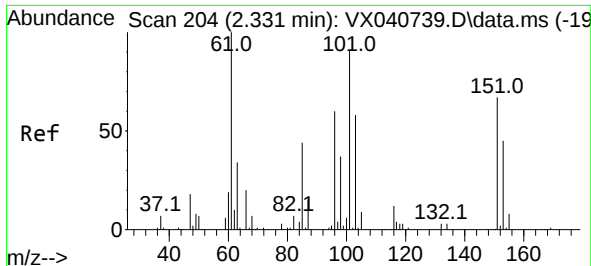
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#8
Diethyl Ether
Concen: 45.106 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 74 Resp: 17048
Ion Ratio Lower Upper
74 100
45 105.7 53.3 159.8





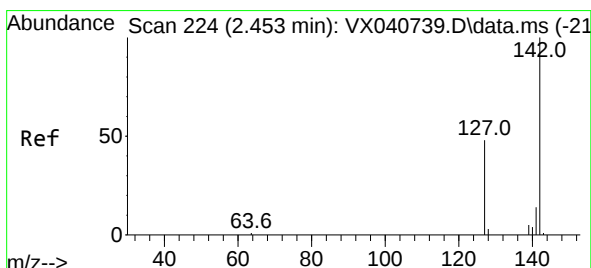
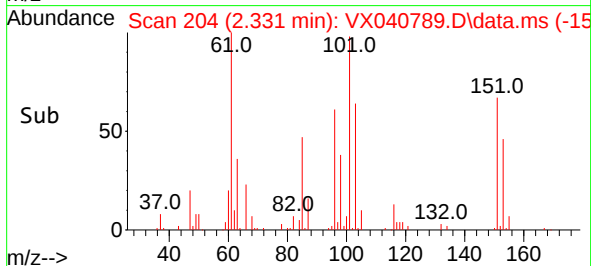
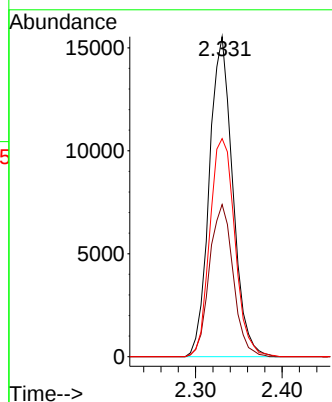
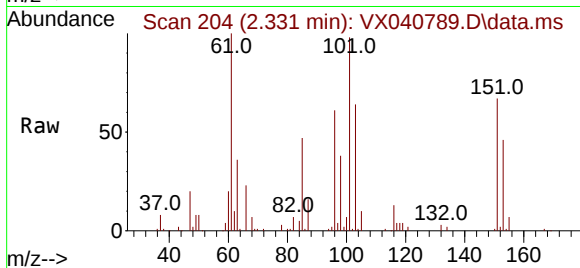
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.155 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 29180
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 73.0 58.6 87.8

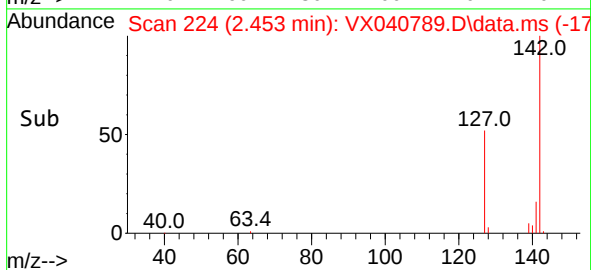
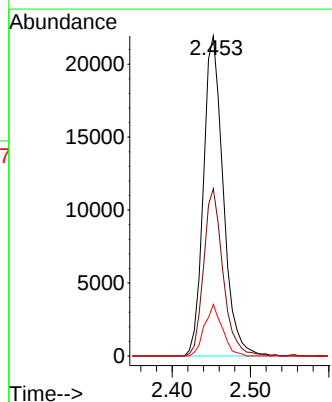
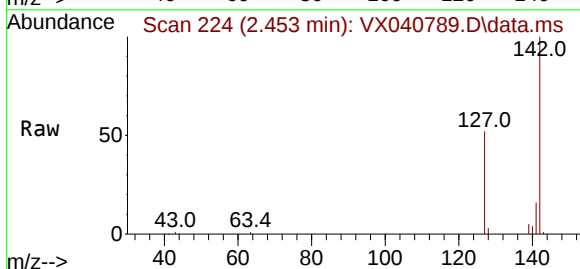
Manual Integrations
APPROVED

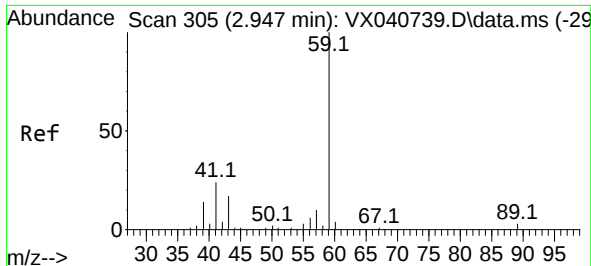
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#10
Methyl Iodide
Concen: 42.959 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:142 Resp: 38459
Ion Ratio Lower Upper
142 100
127 51.1 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 242.149 ug/l

RT: 2.952 min Scan# 305

Delta R.T. 0.005 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 34960

Ion Ratio Lower Upper

59 100

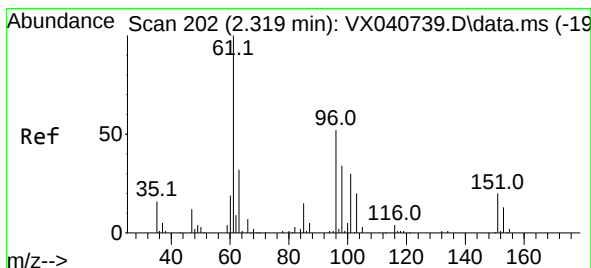
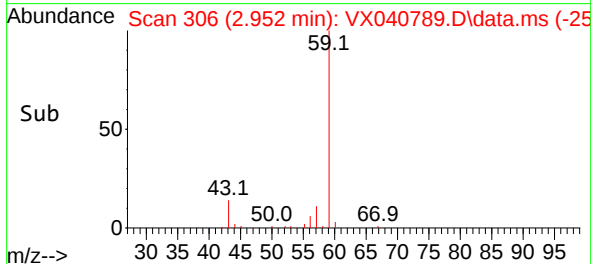
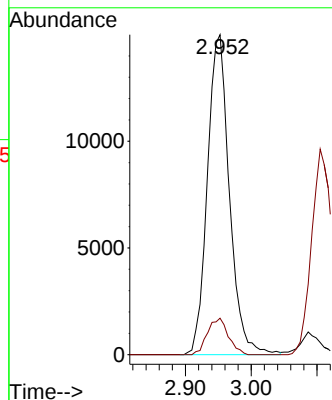
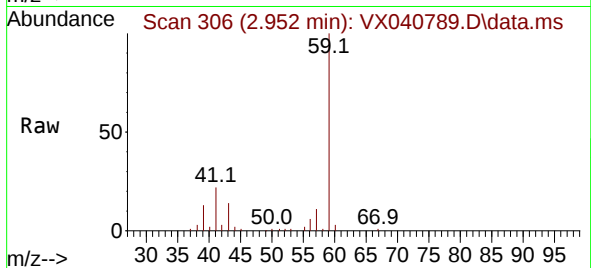
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#12

1,1-Dichloroethene

Concen: 44.646 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

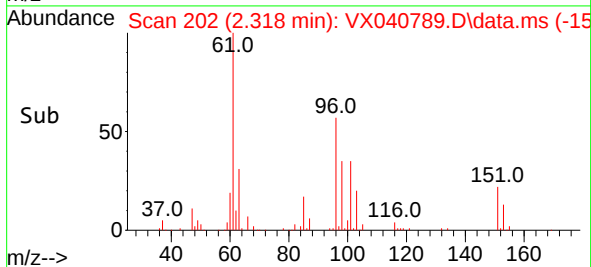
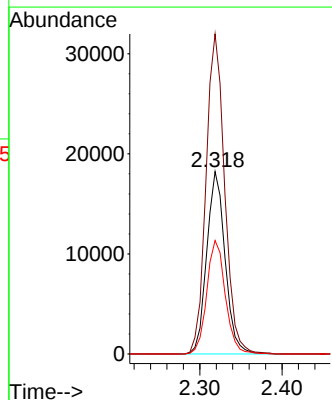
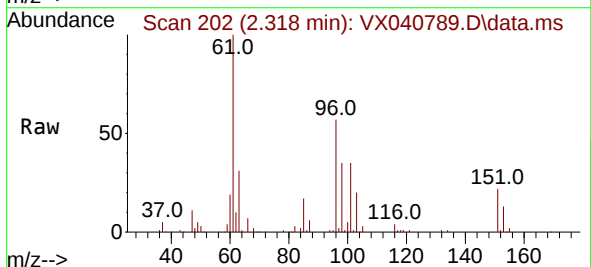
Tgt Ion: 96 Resp: 28276

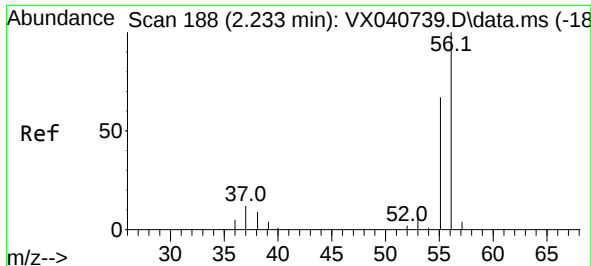
Ion Ratio Lower Upper

96 100

61 175.5 144.6 216.8

98 62.2 50.4 75.6





#13

Acrolein

Concen: 229.124 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1957

Ion Ratio Lower Upper

56 100

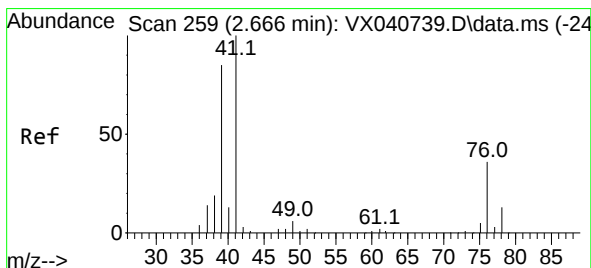
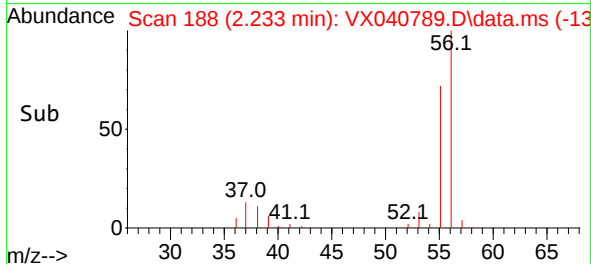
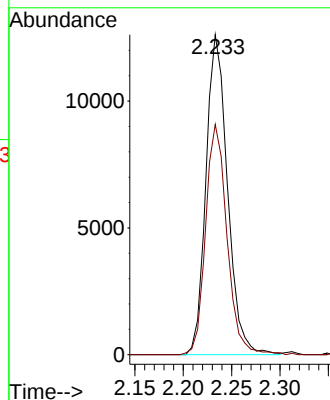
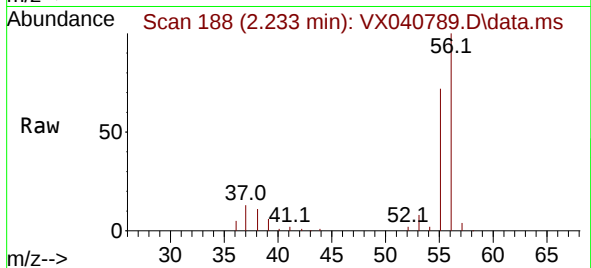
55 71.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#14

Allyl chloride

Concen: 44.814 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

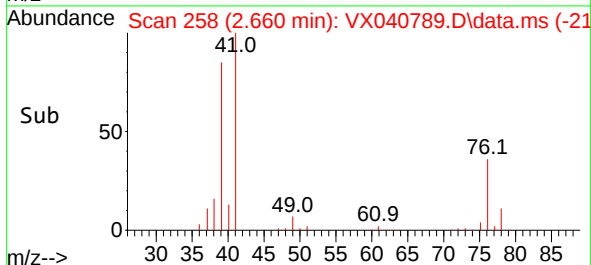
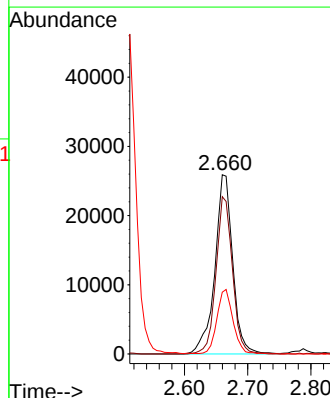
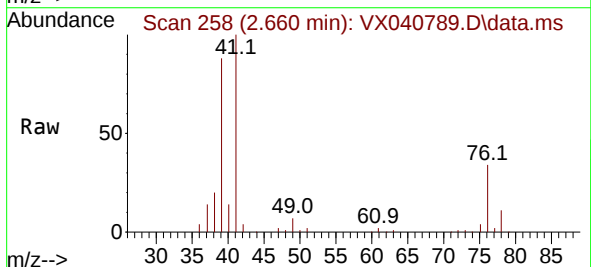
Tgt Ion: 41 Resp: 50867

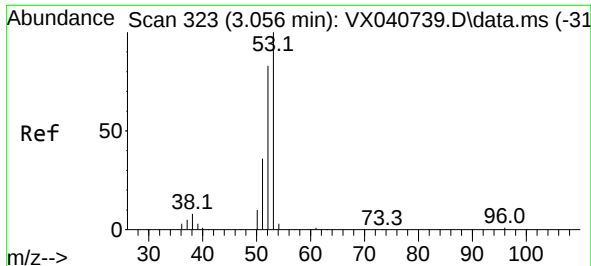
Ion Ratio Lower Upper

41 100

39 80.4 55.8 83.6

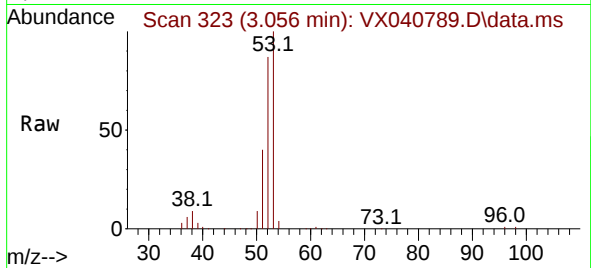
76 32.3 24.3 36.5





#15
Acrylonitrile
Concen: 233.228 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

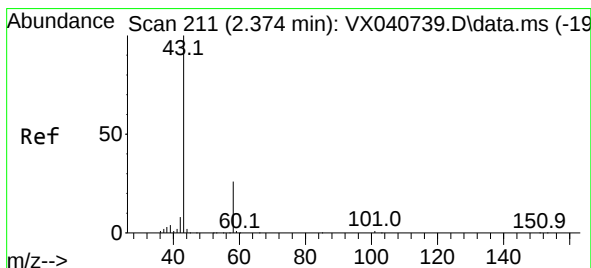
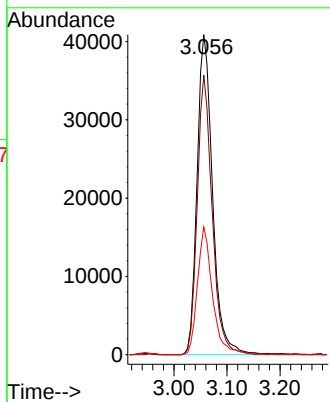
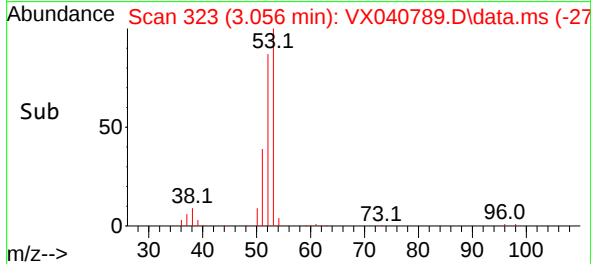
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



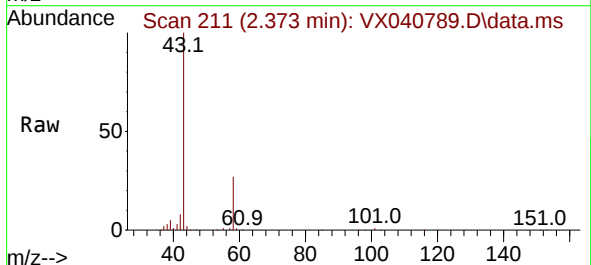
Tgt Ion: 53 Resp: 83124
Ion Ratio Lower Upper
53 100
52 84.6 66.0 99.0
51 38.7 29.8 44.6

Manual Integrations
APPROVED

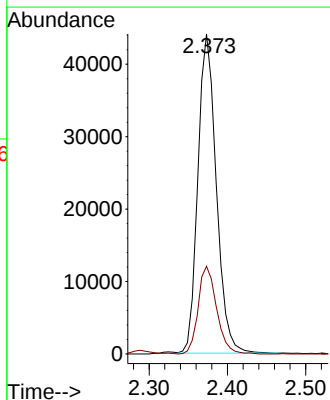
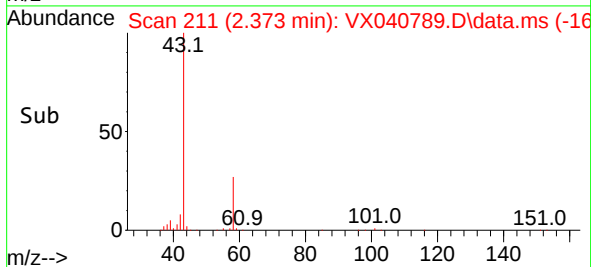
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

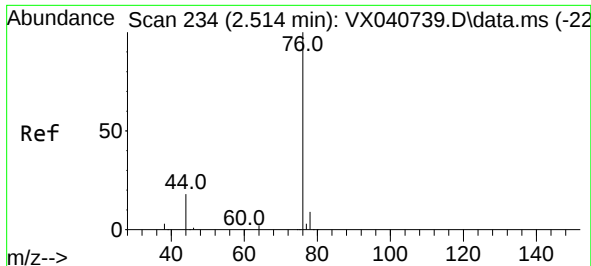


#16
Acetone
Concen: 225.422 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35



Tgt Ion: 43 Resp: 71987
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9





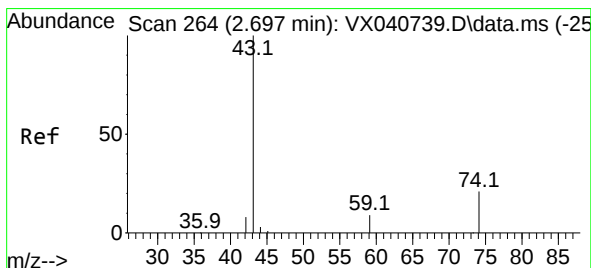
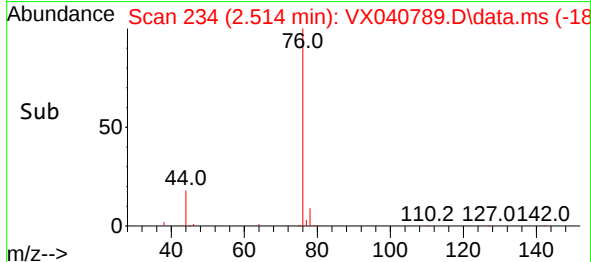
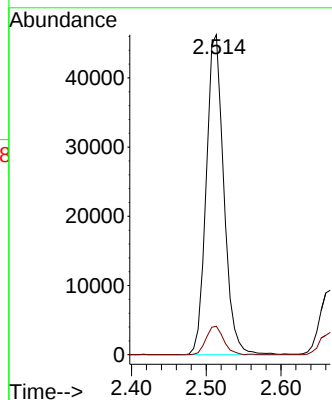
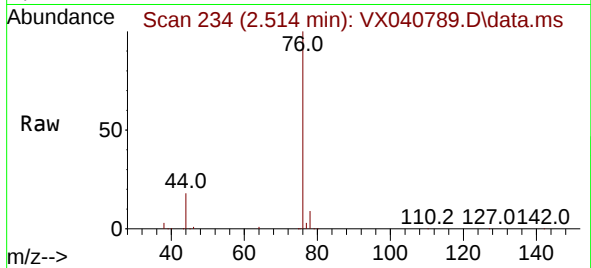
#17
Carbon Disulfide
Concen: 41.499 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 75494
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

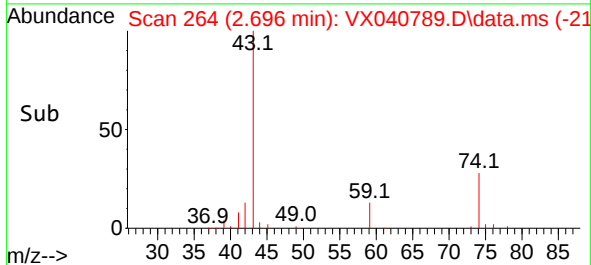
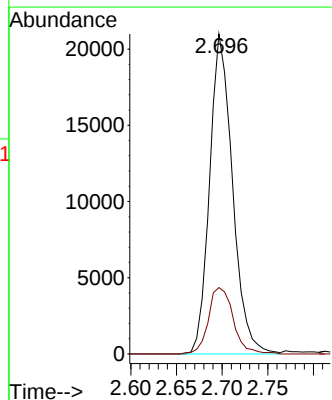
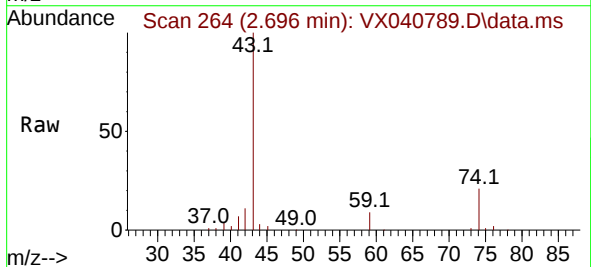
Manual Integrations
APPROVED

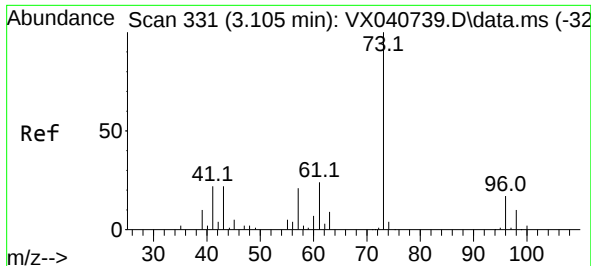
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#18
Methyl Acetate
Concen: 42.716 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.001 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 43 Resp: 36559
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8





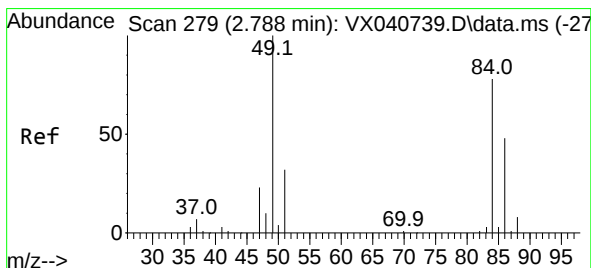
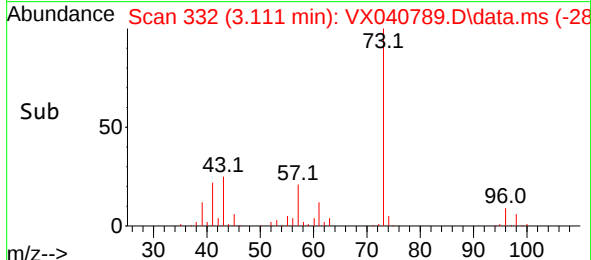
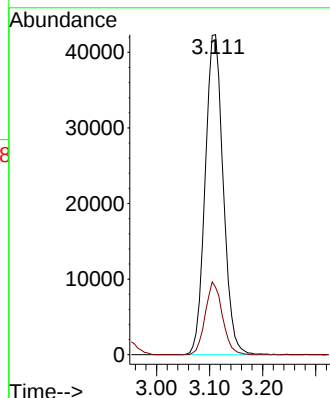
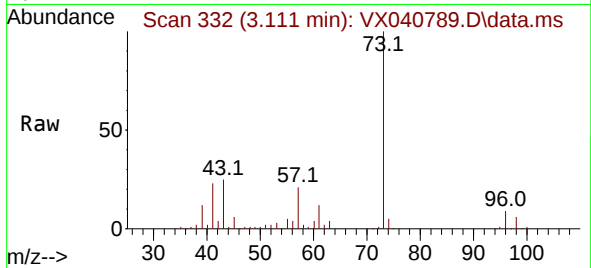
#19
Methyl tert-butyl Ether
Concen: 45.707 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 9991
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

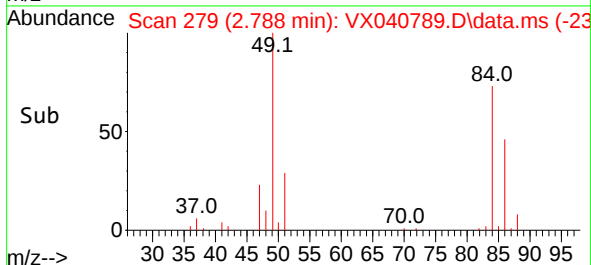
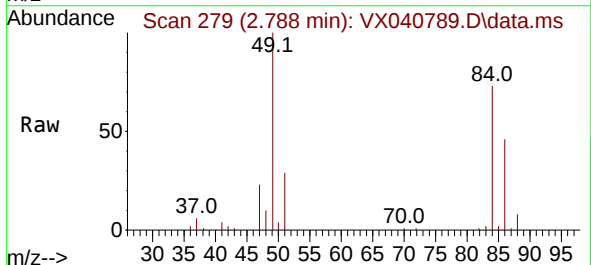
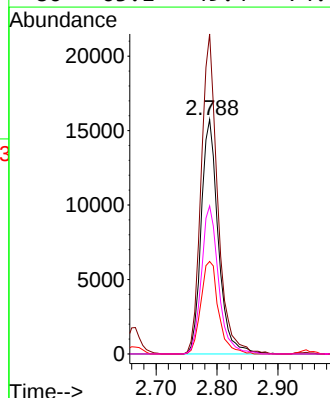
Manual Integrations
APPROVED

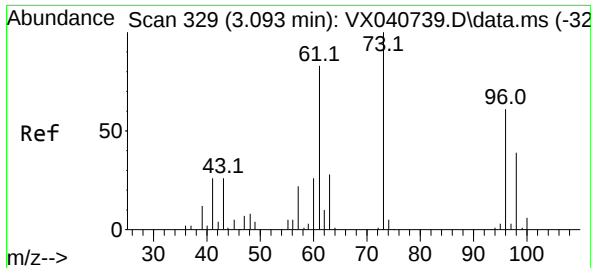
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#20
Methylene Chloride
Concen: 43.855 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 84 Resp: 30613
Ion Ratio Lower Upper
84 100
49 136.6 103.6 155.4
51 39.5 33.8 50.6
86 63.1 49.4 74.0





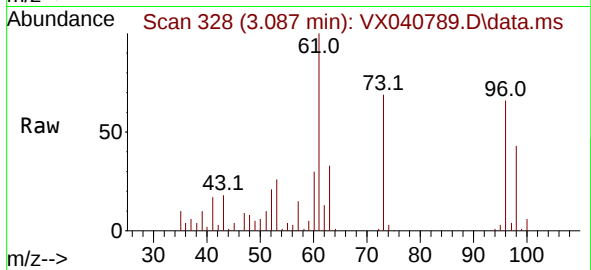
#21
trans-1,2-Dichloroethene
Concen: 42.950 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



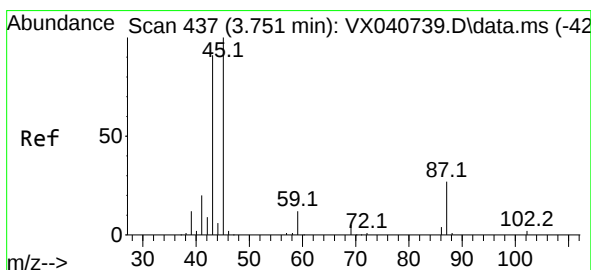
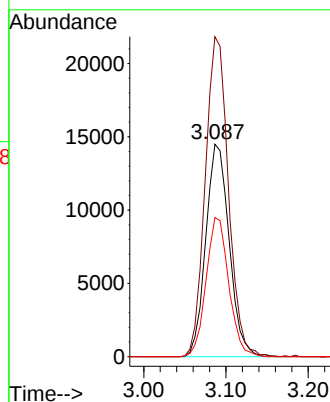
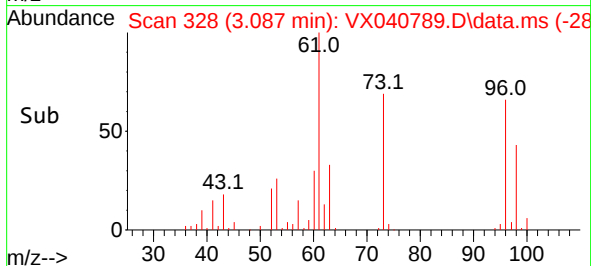
Tgt Ion: 96 Resp: 28710
Ion Ratio Lower Upper
96 100
61 150.6 119.2 178.8
98 65.5 48.7 73.1

Manual Integrations

APPROVED

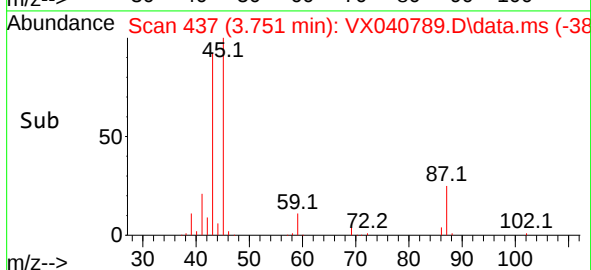
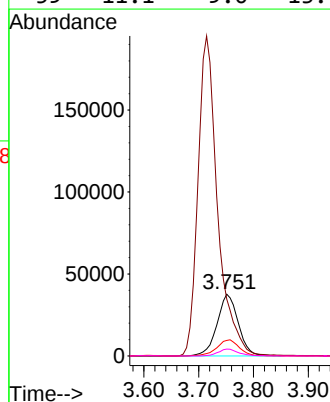
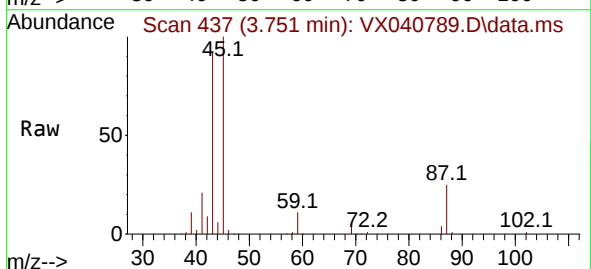
Reviewed By :John Carlone 03/26/2024

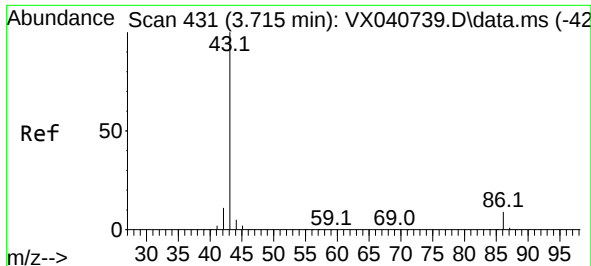
Supervised By :Mahesh Dadoda 03/26/2024



#22
Diisopropyl ether
Concen: 45.717 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 45 Resp: 101258
Ion Ratio Lower Upper
45 100
43 91.3 69.7 104.5
87 25.1 20.8 31.2
59 11.1 9.0 13.4





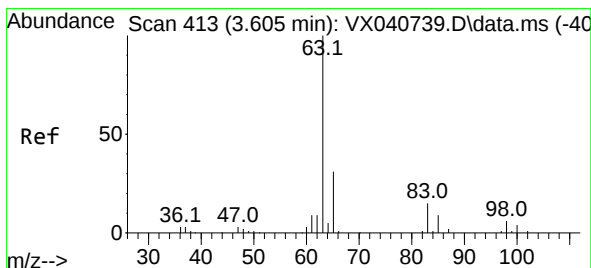
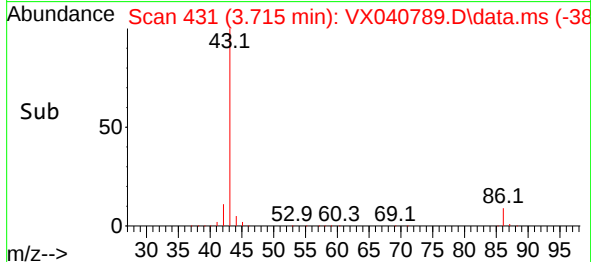
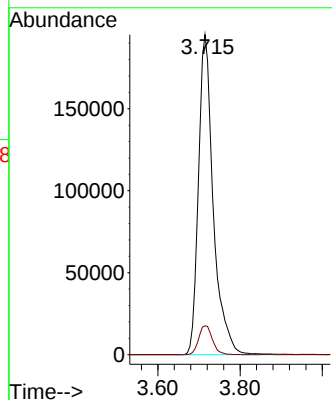
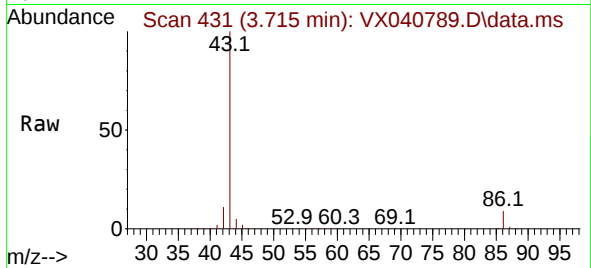
#23
 Vinyl Acetate
 Concen: 233.120 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040789.D
 Acq: 25 Mar 2024 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 48806
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8

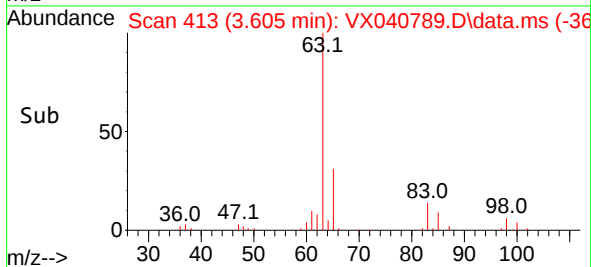
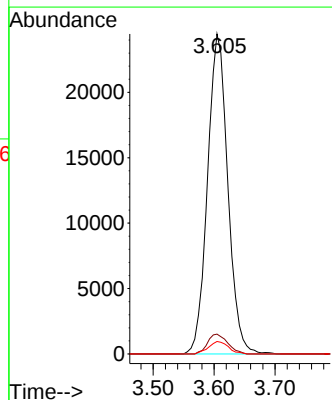
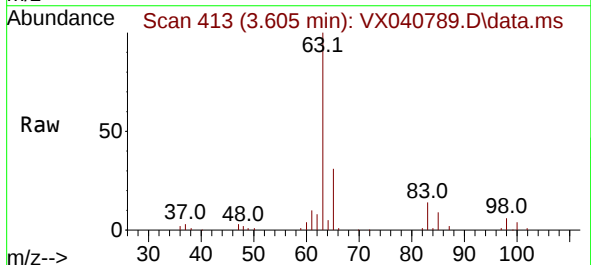
Manual Integrations
 APPROVED

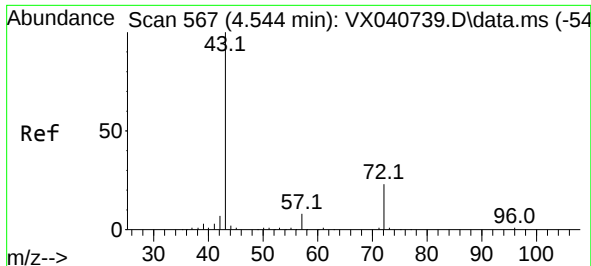
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#24
 1,1-Dichloroethane
 Concen: 44.556 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040789.D
 Acq: 25 Mar 2024 16:35

Tgt Ion: 63 Resp: 56682
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.9 2.1 6.5





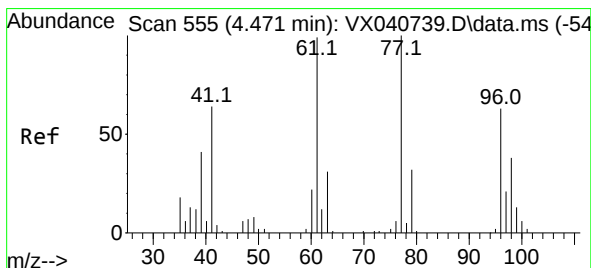
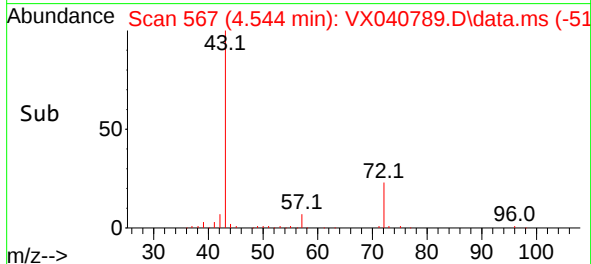
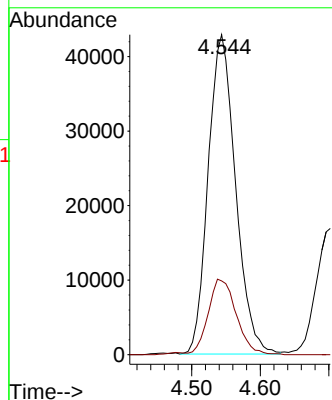
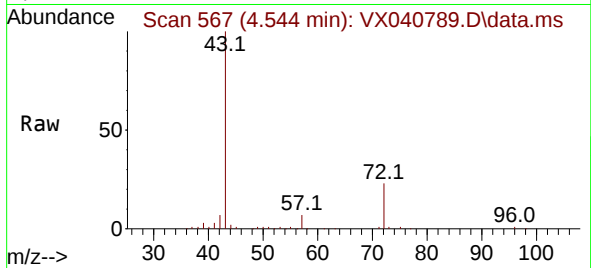
#25
2-Butanone
Concen: 237.890 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 118989
Ion Ratio Lower Upper
43 100
72 22.9 19.4 29.2

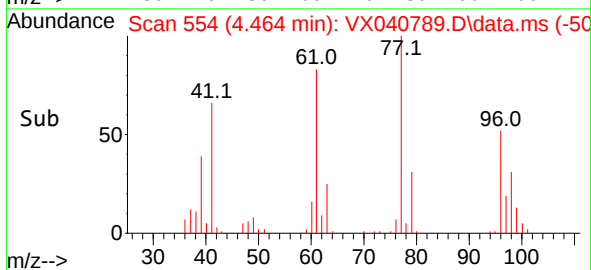
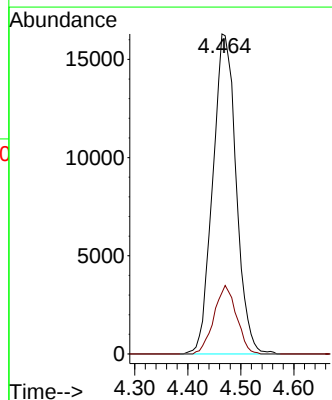
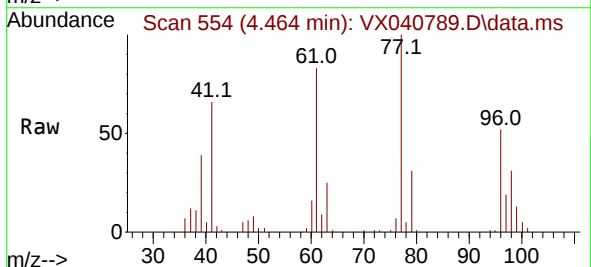
Manual Integrations
APPROVED

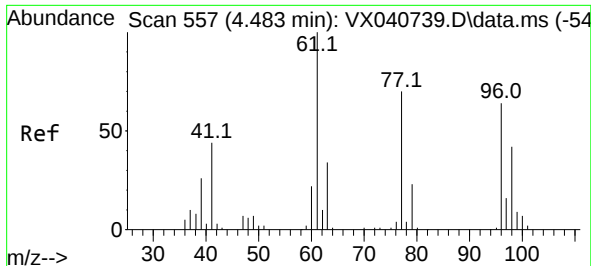
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#26
2,2-Dichloropropane
Concen: 45.066 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.007 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 77 Resp: 50021
Ion Ratio Lower Upper
77 100
97 20.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 44.601 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 3454

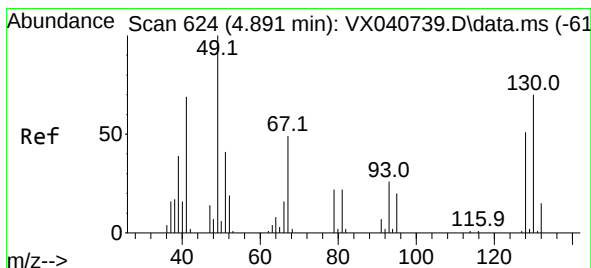
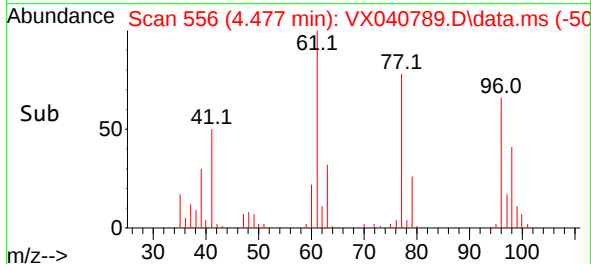
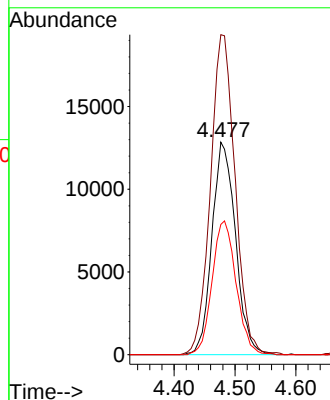
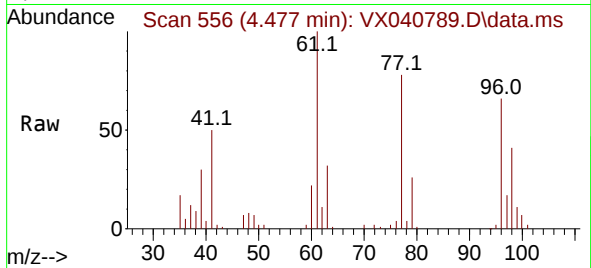
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	312.2
98	64.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#28

Bromochloromethane

Concen: 46.595 ug/l

RT: 4.891 min Scan# 624

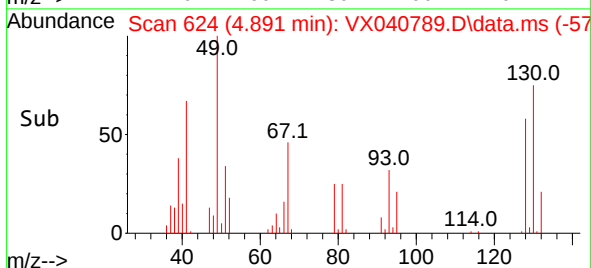
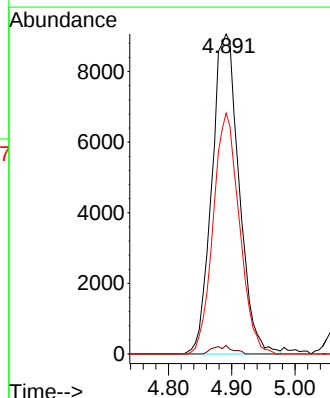
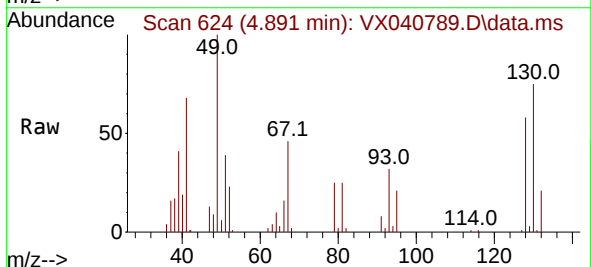
Delta R.T. 0.000 min

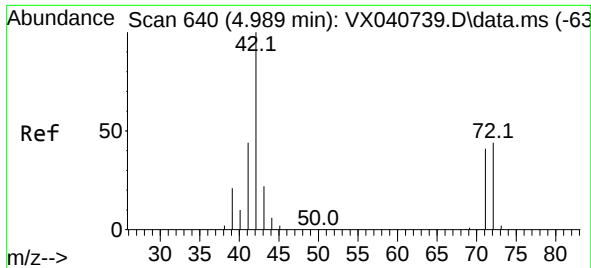
Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion: 49 Resp: 27111

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	72.4	57.5	86.3





#29

Tetrahydrofuran

Concen: 234.156 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 77904

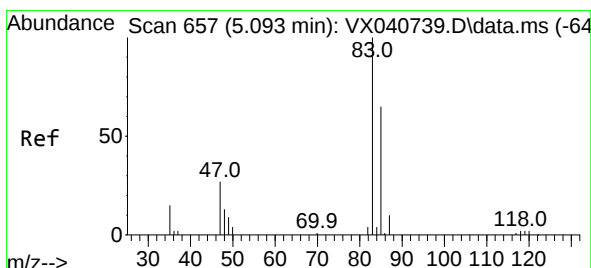
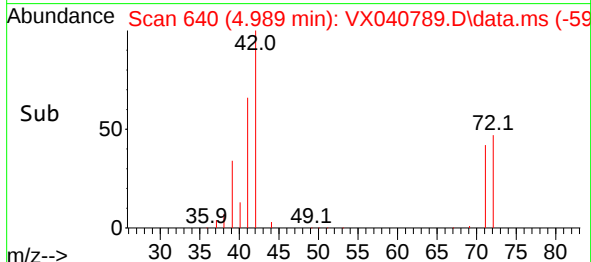
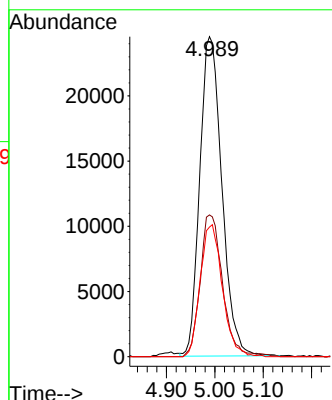
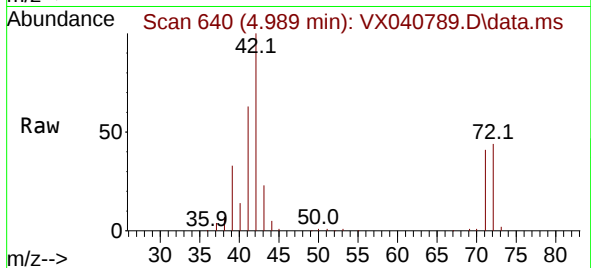
Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	41.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#30

Chloroform

Concen: 45.781 ug/l

RT: 5.086 min Scan# 656

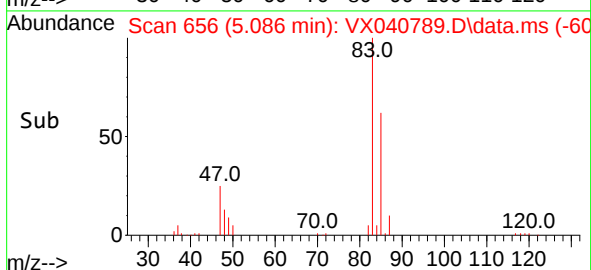
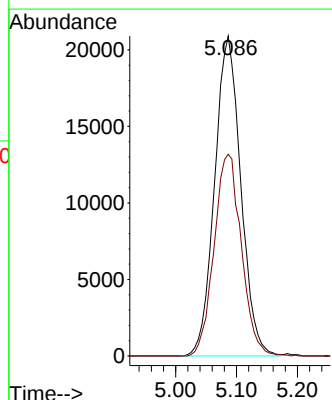
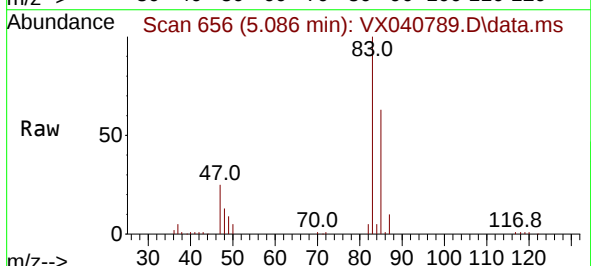
Delta R.T. -0.007 min

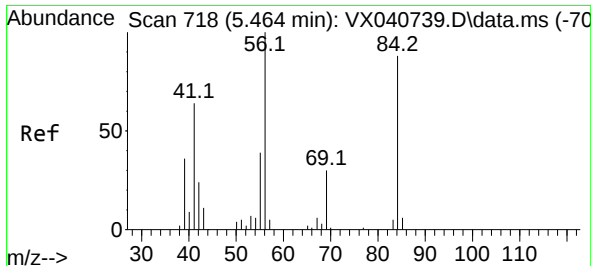
Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion: 83 Resp: 62352

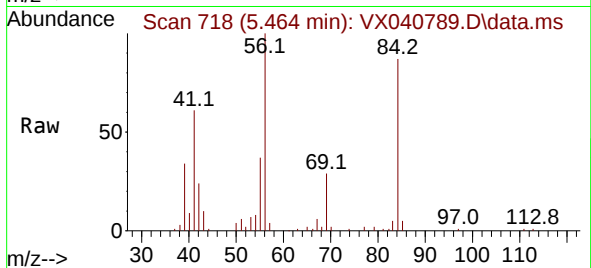
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 43.769 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

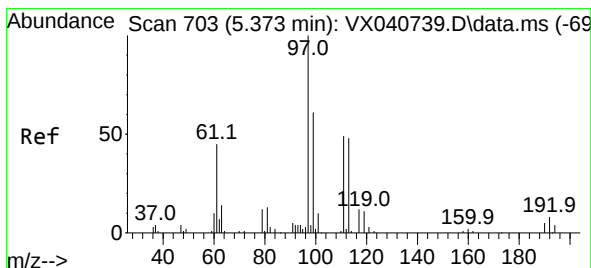
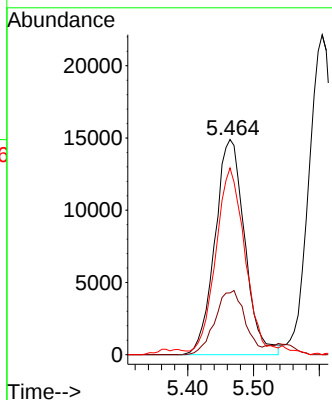
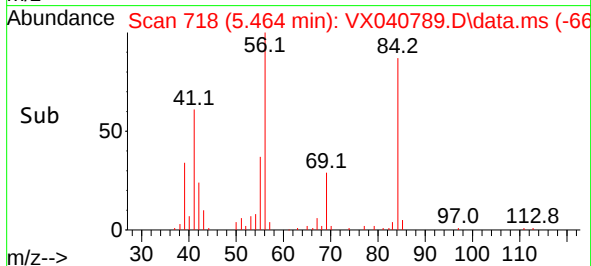
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 46880
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.2
84 84.3 65.9 98.9

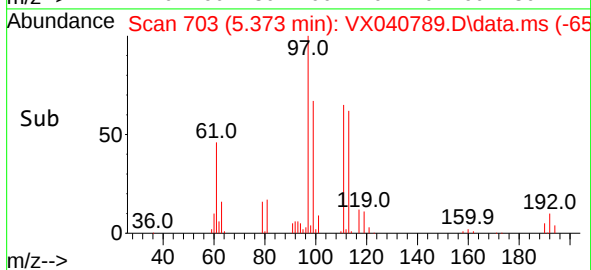
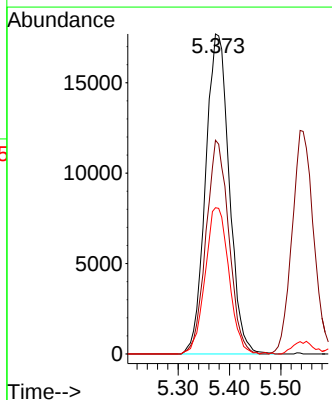
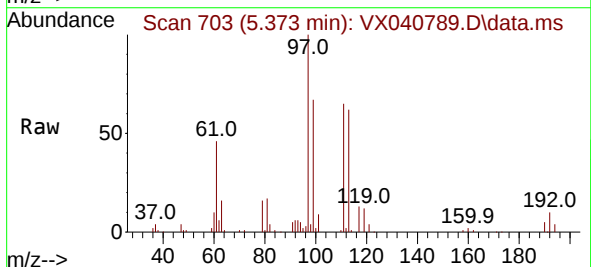
Manual Integrations
APPROVED

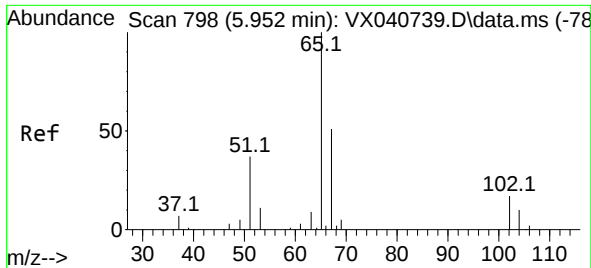
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#32
1,1,1-Trichloroethane
Concen: 48.243 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 97 Resp: 56476
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 46.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.857 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 45852

Ion Ratio Lower Upper

65 100

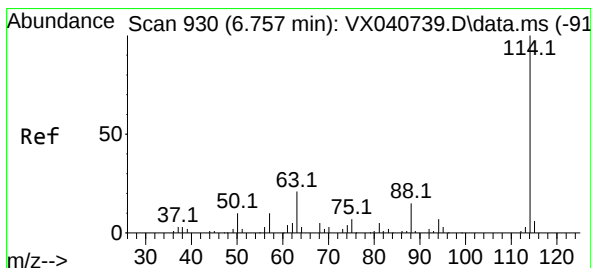
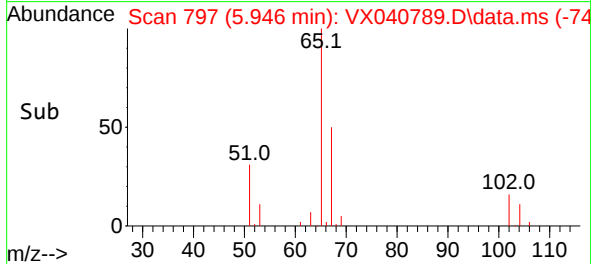
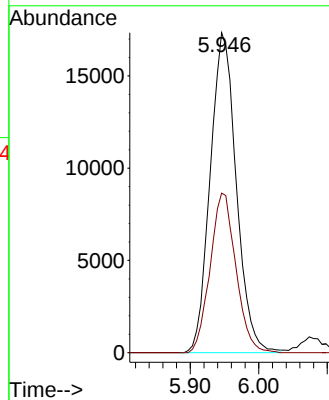
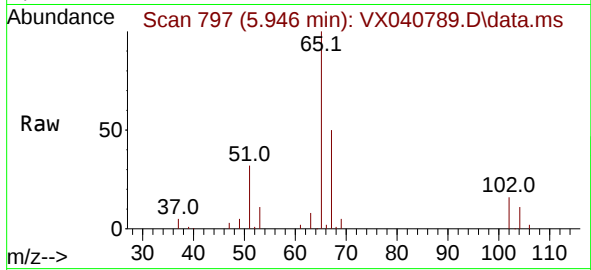
67 49.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

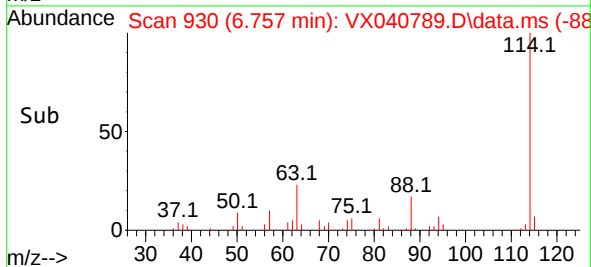
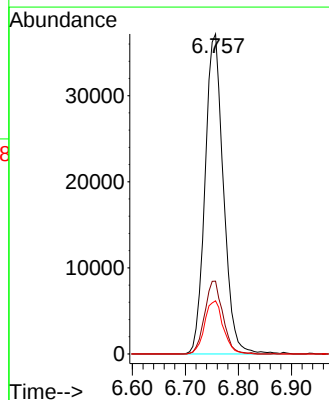
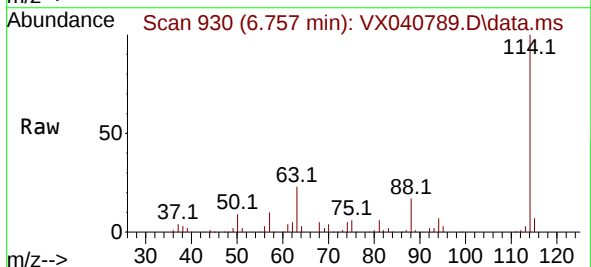
Tgt Ion:114 Resp: 89330

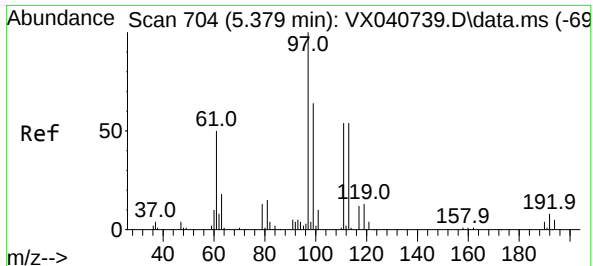
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.364 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

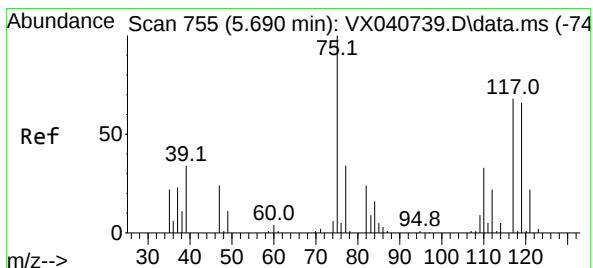
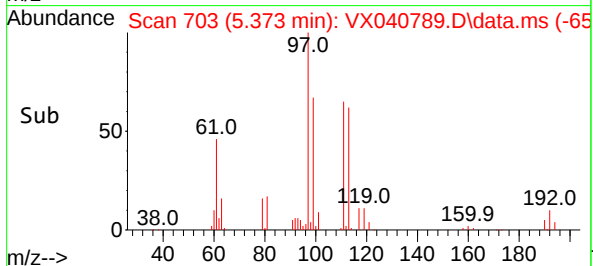
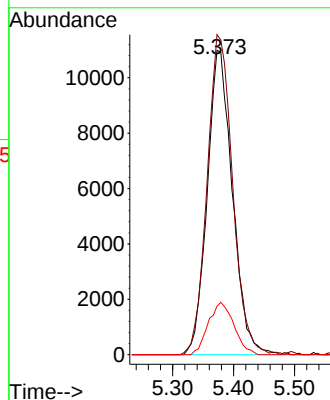
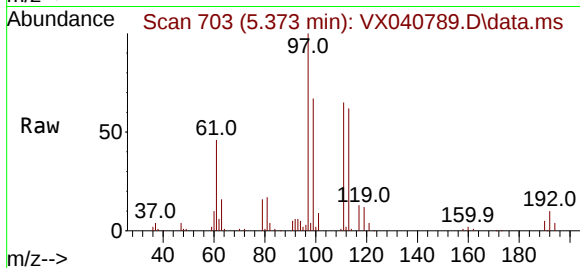
Tgt Ion:	113	Resp:	3165
Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	17.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#36

1,1-Dichloropropene

Concen: 42.031 ug/l

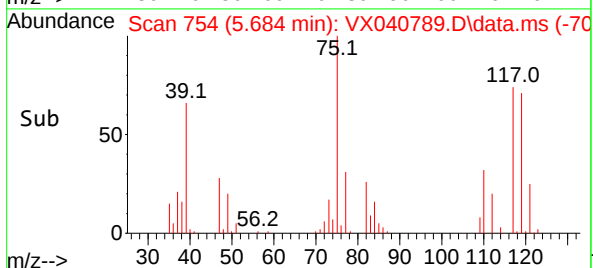
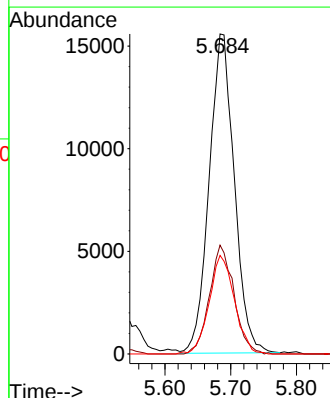
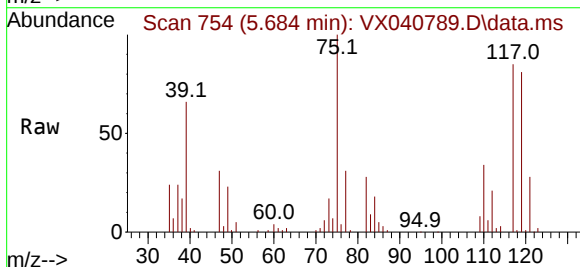
RT: 5.684 min Scan# 754

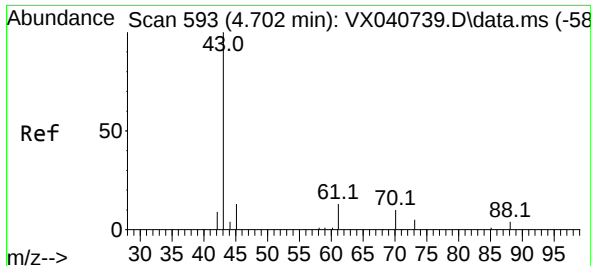
Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion:	75	Resp:	41365
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.0	50.9
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 43.966 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

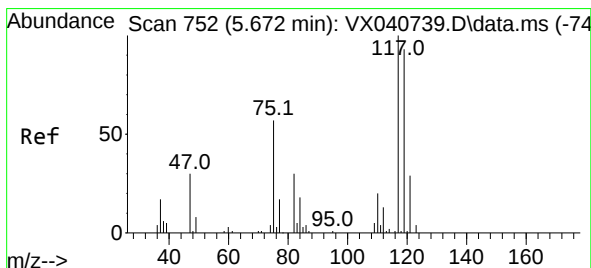
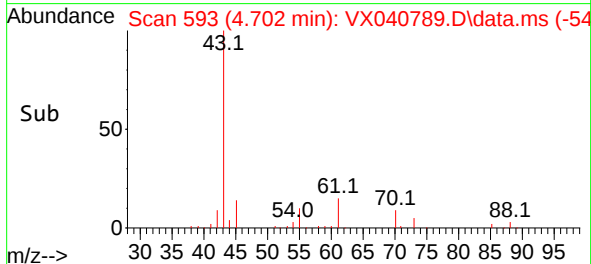
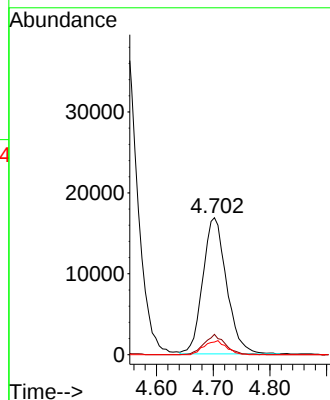
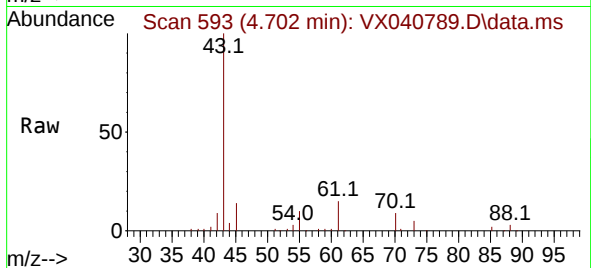
Tgt Ion:	43	Resp:	4913
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	16.0
70	9.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#38

Carbon Tetrachloride

Concen: 44.584 ug/l

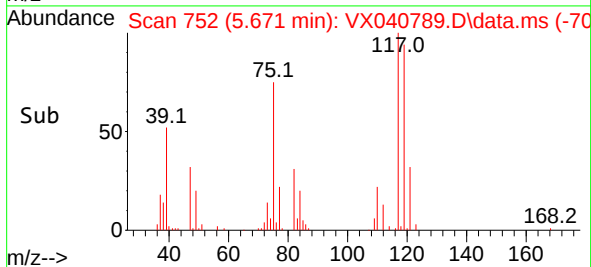
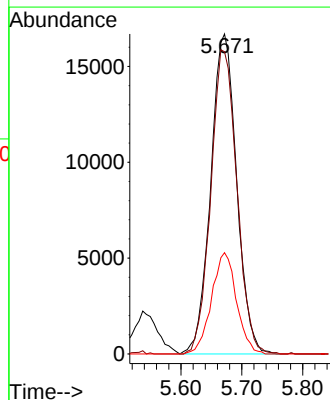
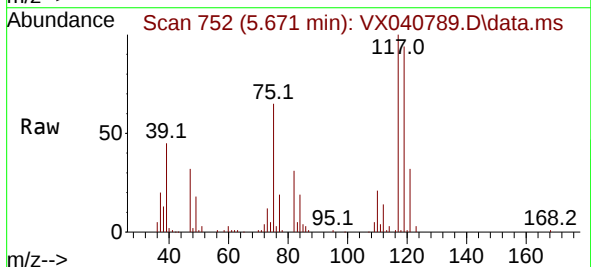
RT: 5.671 min Scan# 752

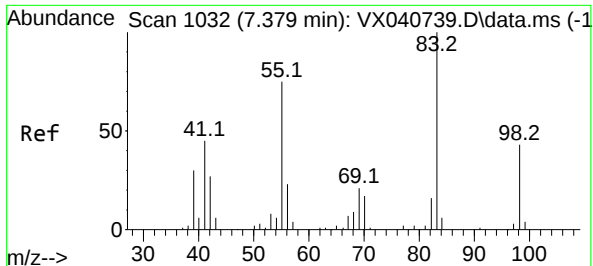
Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion:	117	Resp:	49388
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.2
121	31.7	24.4	36.6





#39

Methylcyclohexane

Concen: 41.820 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 45598

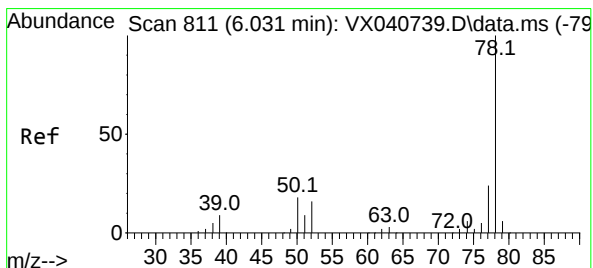
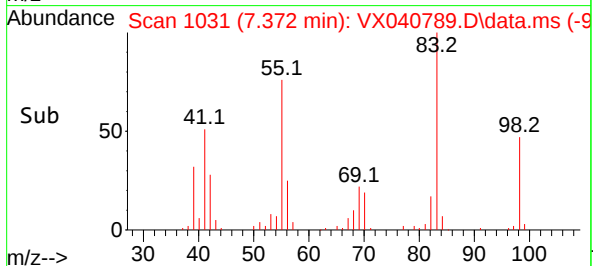
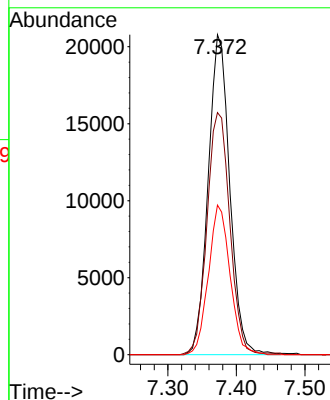
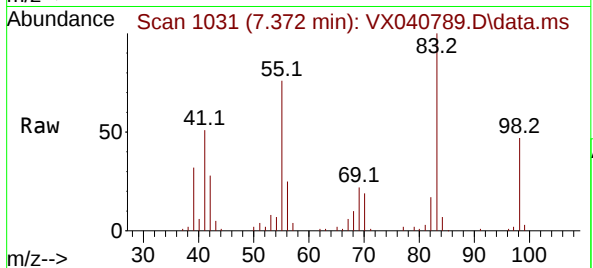
Ion	Ratio	Lower	Upper
83	100		
55	75.7	64.6	97.0
98	46.8	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#40

Benzene

Concen: 43.803 ug/l

RT: 6.031 min Scan# 811

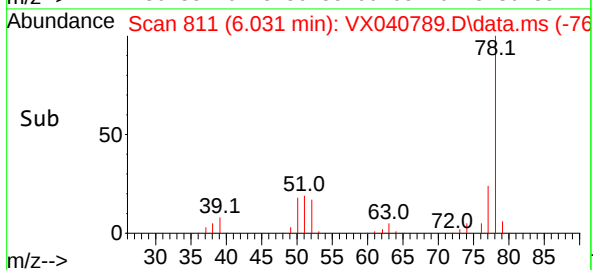
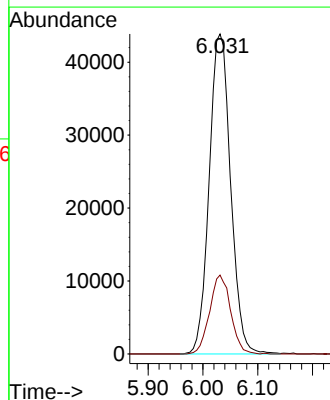
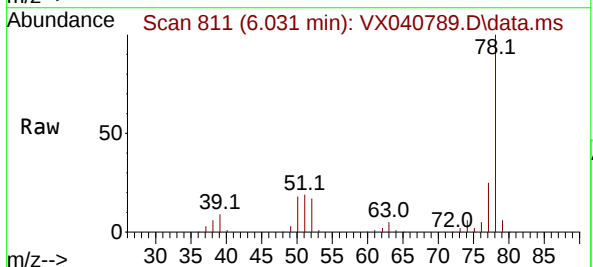
Delta R.T. -0.000 min

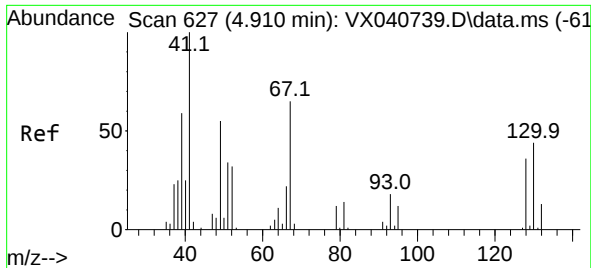
Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion: 78 Resp: 119040

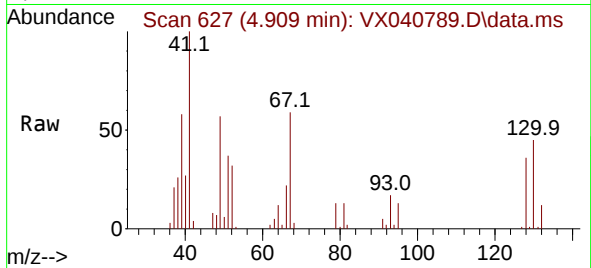
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41
Methacrylonitrile
Concen: 46.101 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

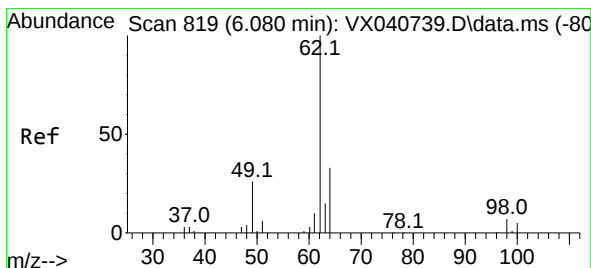
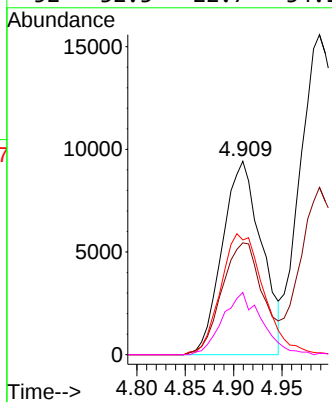
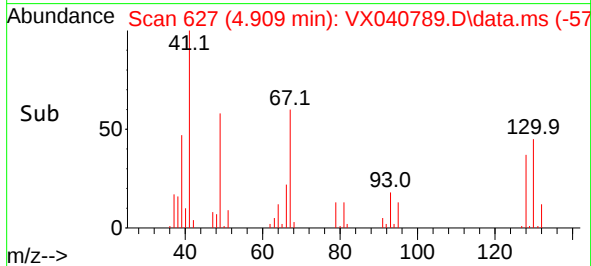
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 2664
Ion Ratio Lower Upper
41 100
39 60.1 45.2 67.8
67 68.4 52.6 78.8
52 32.3 22.7 34.1

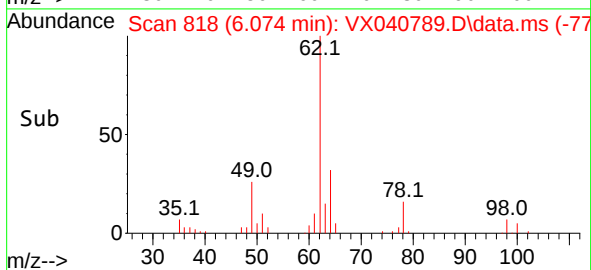
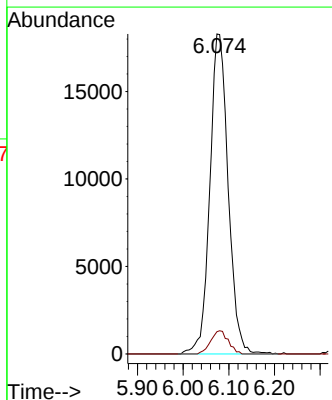
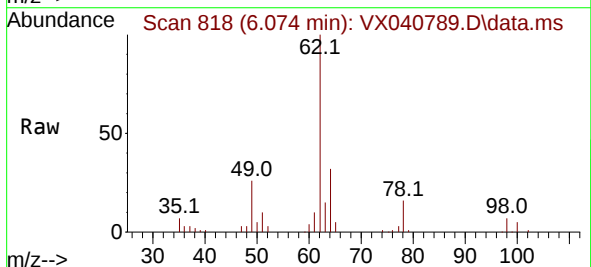
Manual Integrations
APPROVED

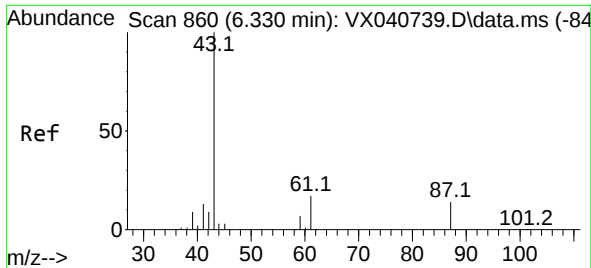
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#42
1,2-Dichloroethane
Concen: 46.318 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

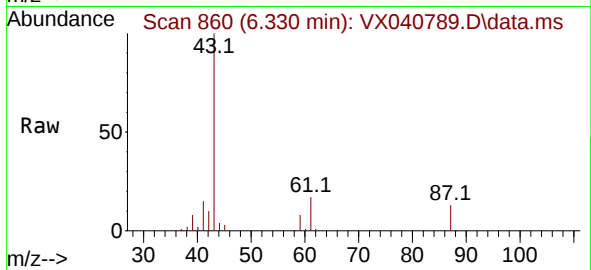
Tgt Ion: 62 Resp: 50936
Ion Ratio Lower Upper
62 100
98 6.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.234 ug/l
RT: 6.330 min Scan# 8113
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

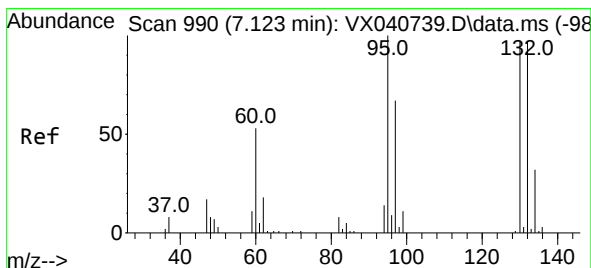
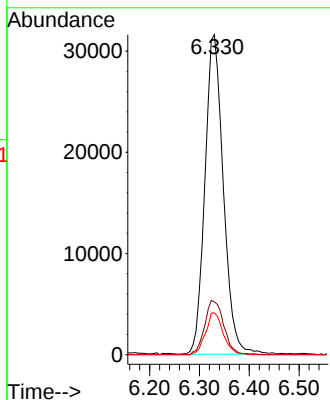
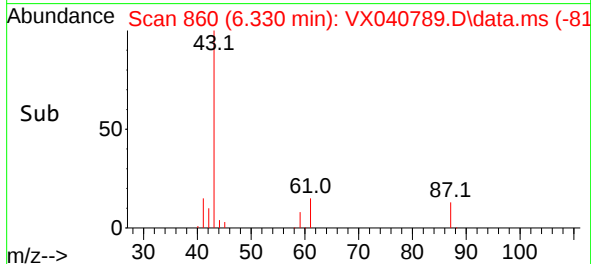
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.5 9.8 14.6

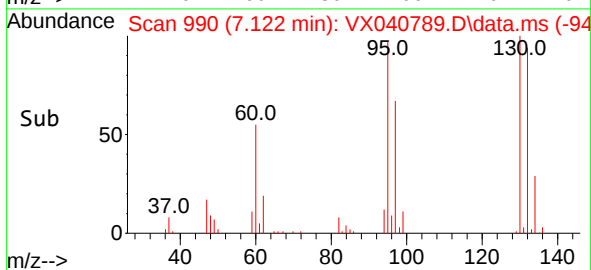
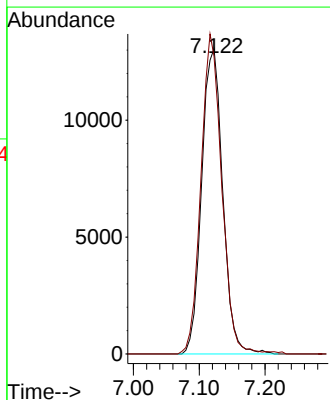
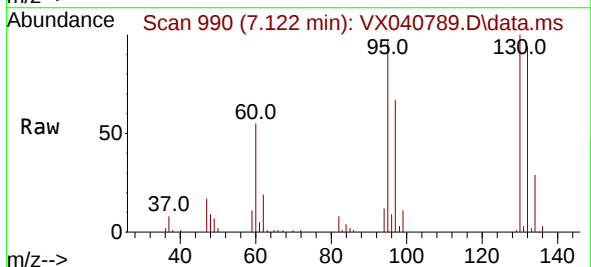
Manual Integrations
APPROVED

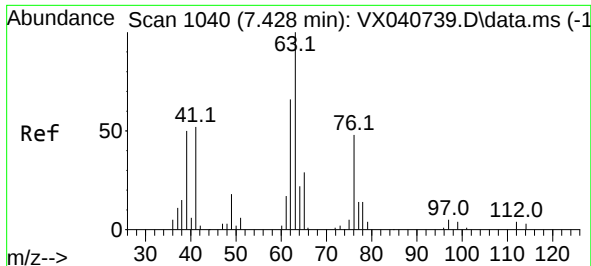
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#44
Trichloroethene
Concen: 44.693 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:130 Resp: 29112
Ion Ratio Lower Upper
130 100
95 97.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 44.374 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 2829

Ion Ratio Lower Upper

63 100

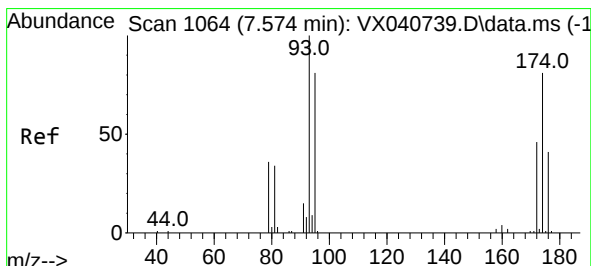
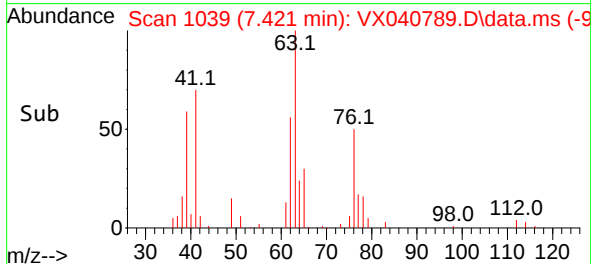
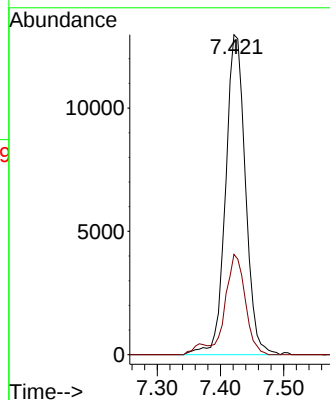
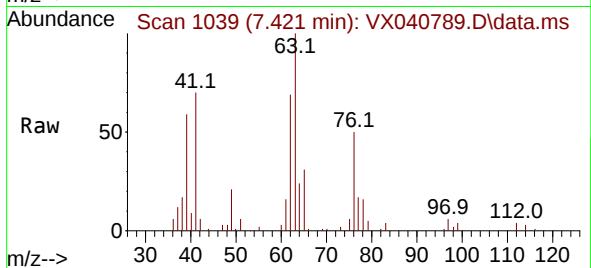
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#46

Dibromomethane

Concen: 44.803 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

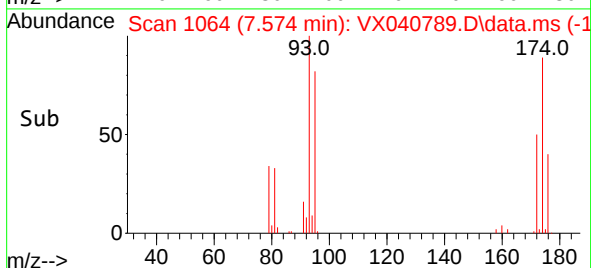
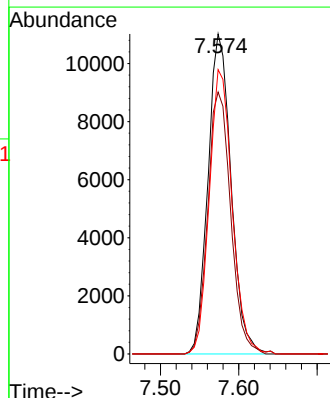
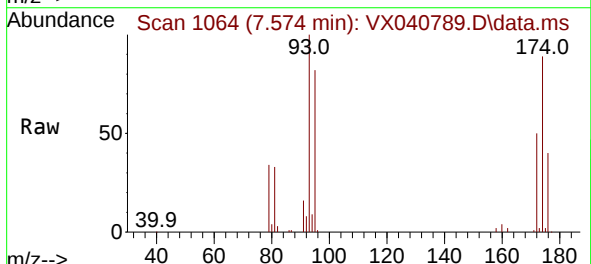
Tgt Ion: 93 Resp: 22625

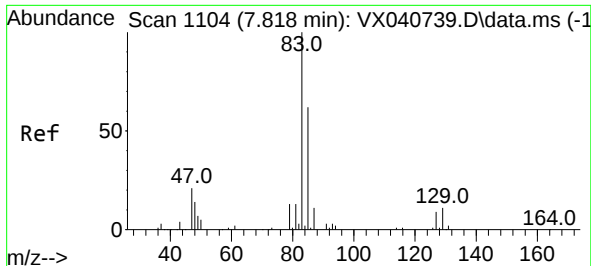
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

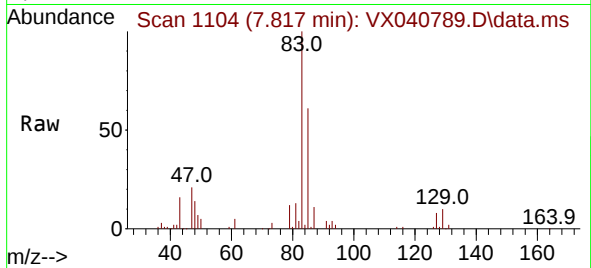
174 87.9 69.4 104.0





#47
Bromodichloromethane
Concen: 44.911 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

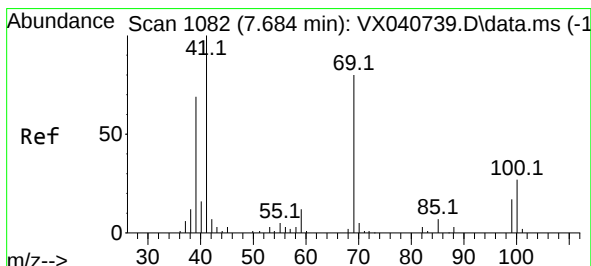
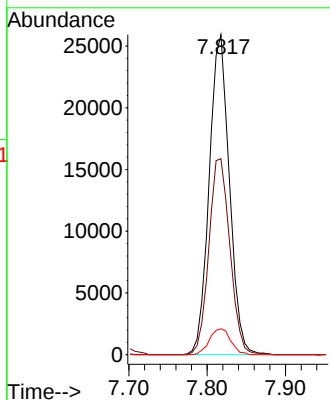
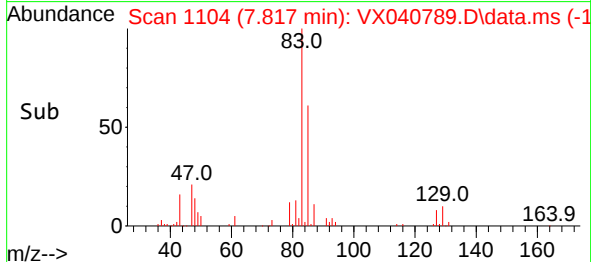
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 4634
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 8.1 7.1 10.7

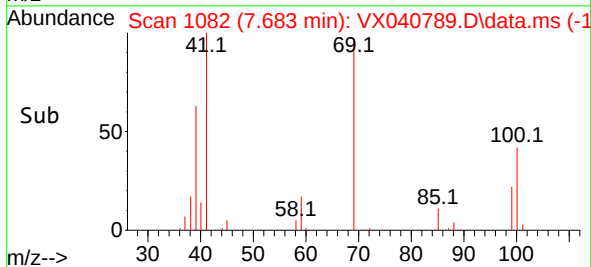
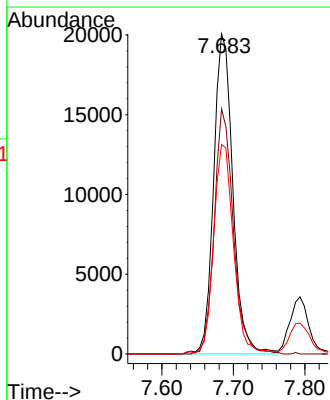
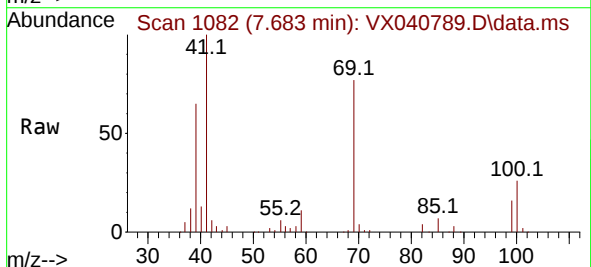
Manual Integrations
APPROVED

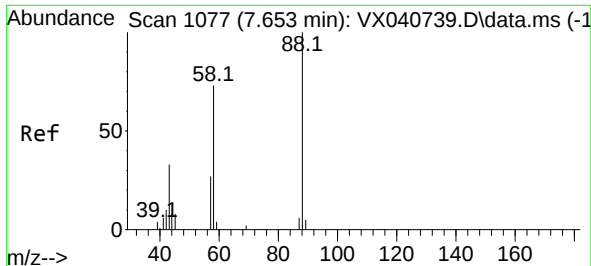
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#48
Methyl methacrylate
Concen: 46.696 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 41 Resp: 37455
Ion Ratio Lower Upper
41 100
69 75.5 59.2 88.8
39 67.8 47.7 71.5





#49

1,4-Dioxane

Concen: 925.173 ug/l

RT: 7.647 min Scan# 110

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 12524

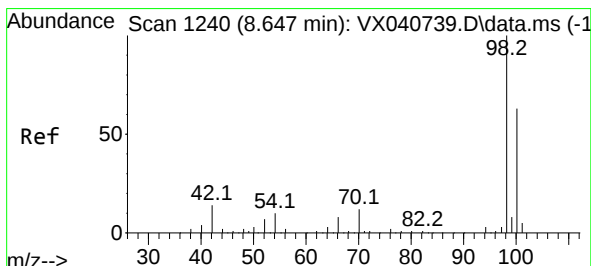
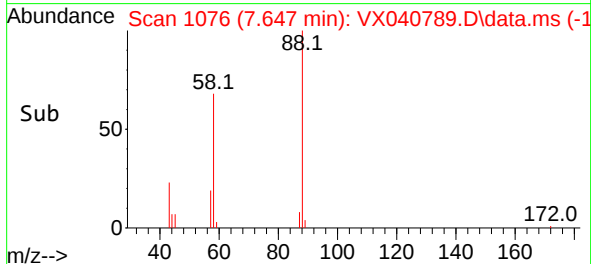
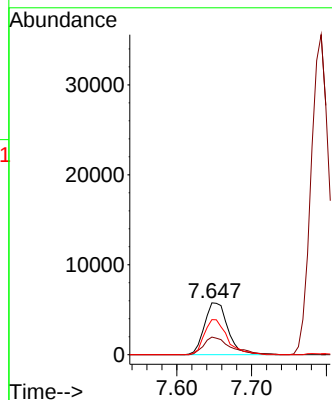
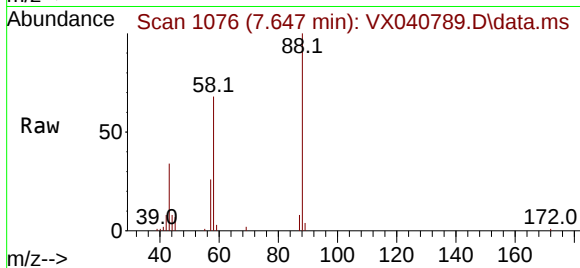
Ion	Ratio	Lower	Upper
88	100		
43	39.5	0.0	0.0
58	66.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#50

Toluene-d8

Concen: 47.617 ug/l

RT: 8.640 min Scan# 1239

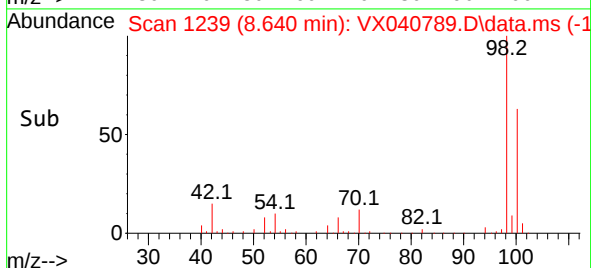
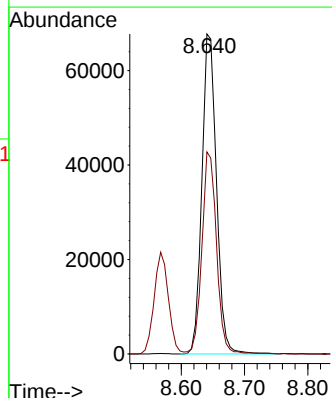
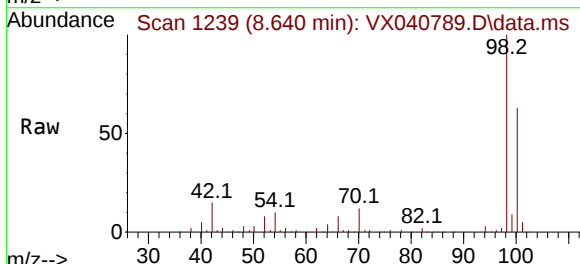
Delta R.T. -0.006 min

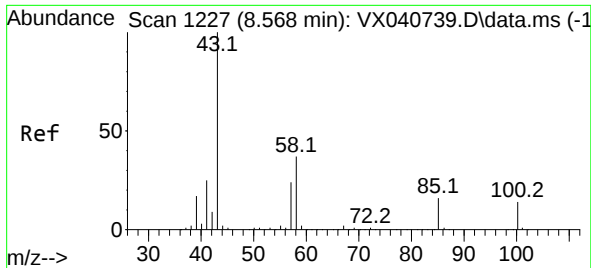
Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion: 98 Resp: 108983

Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.1	79.7





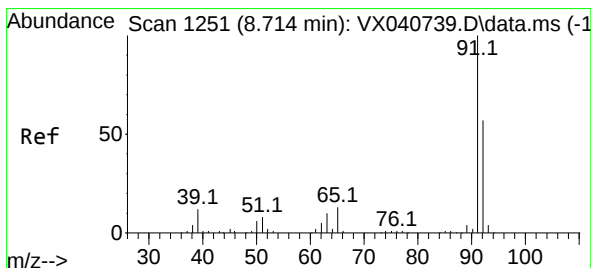
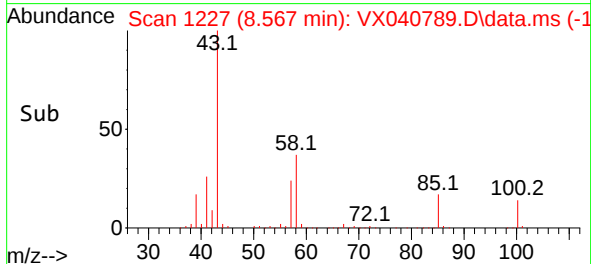
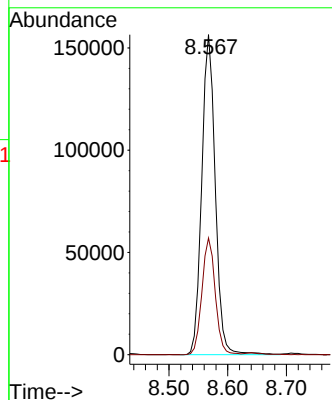
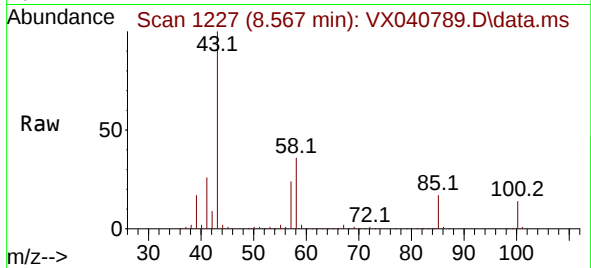
#51
4-Methyl-2-Pentanone
Concen: 230.550 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25091
Ion Ratio Lower Upper
43 100
58 35.8 30.4 45.6

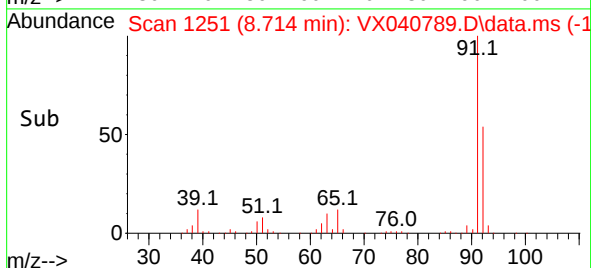
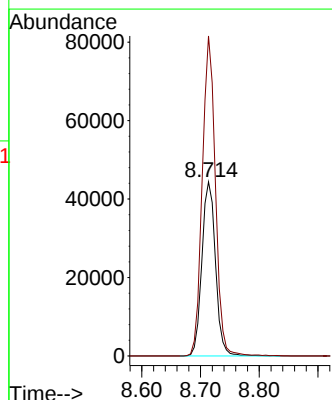
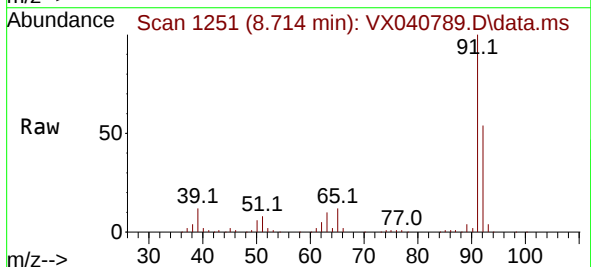
Manual Integrations
APPROVED

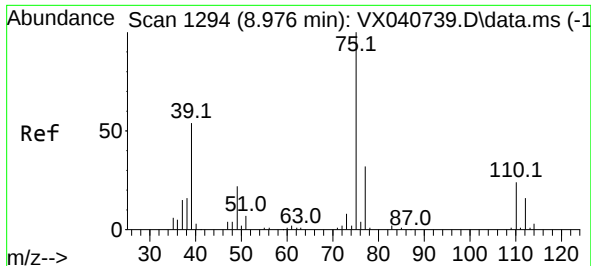
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#52
Toluene
Concen: 44.189 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 92 Resp: 71620
Ion Ratio Lower Upper
92 100
91 177.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 42.852 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 4574

Ion Ratio Lower Upper

75 100

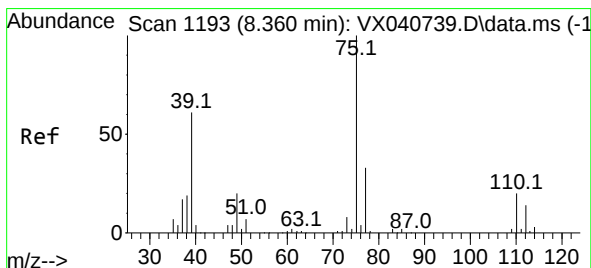
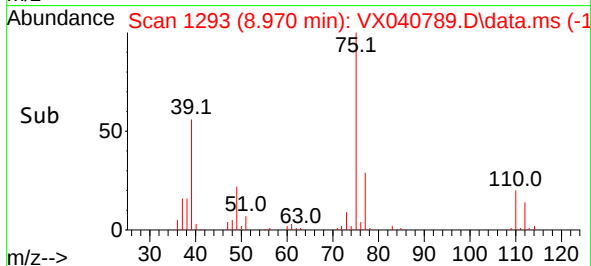
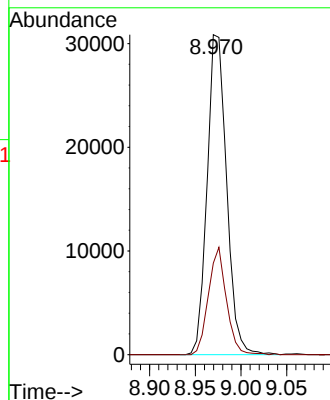
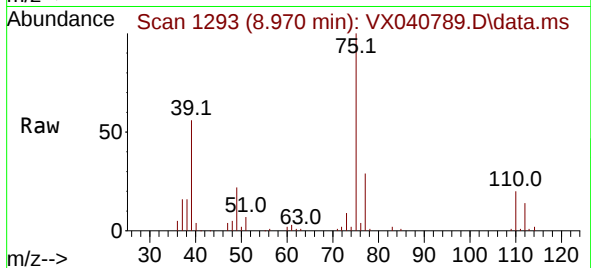
77 28.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#54

cis-1,3-Dichloropropene

Concen: 44.661 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

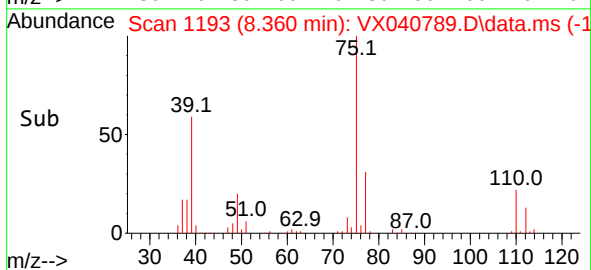
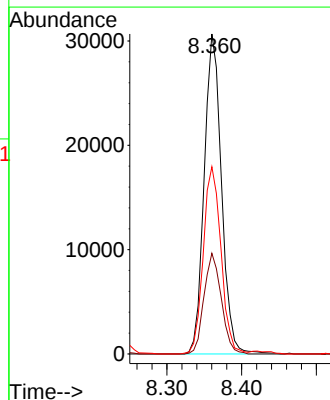
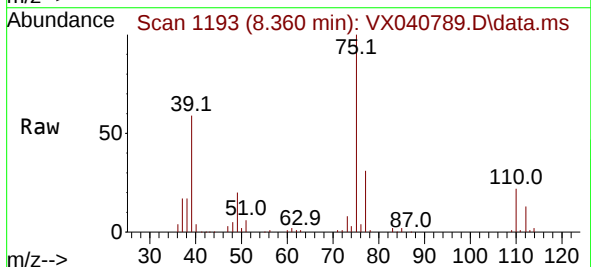
Tgt Ion: 75 Resp: 49303

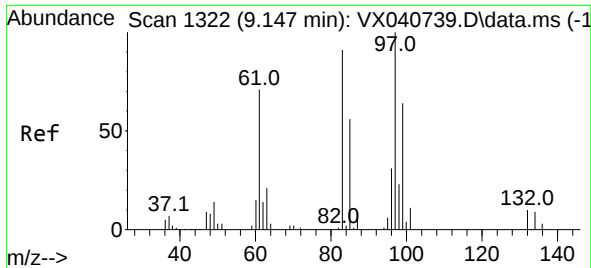
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 58.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 42.469 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

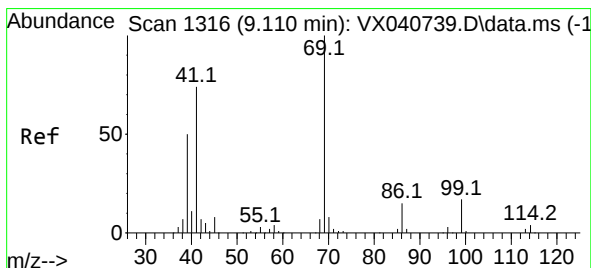
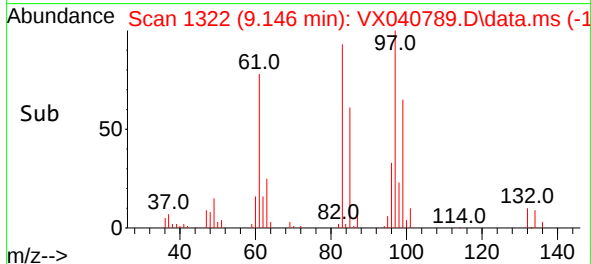
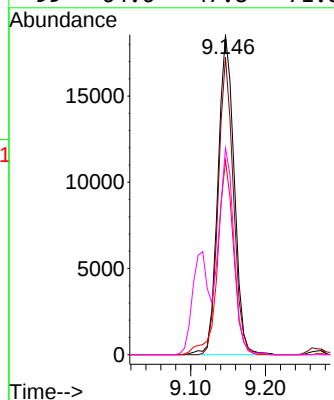
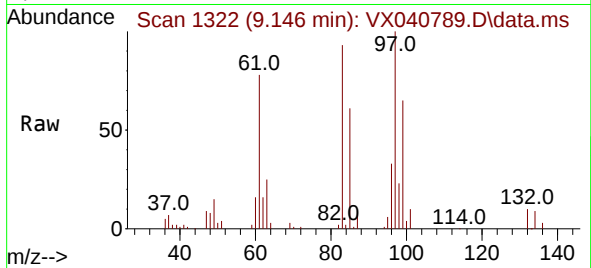
Tgt Ion: 97 Resp: 2803
Ion Ratio Lower Upper
97 100
83 93.0 65.8 98.8
85 60.6 41.6 62.4
99 64.6 47.8 71.8

Manual Integrations

APPROVED

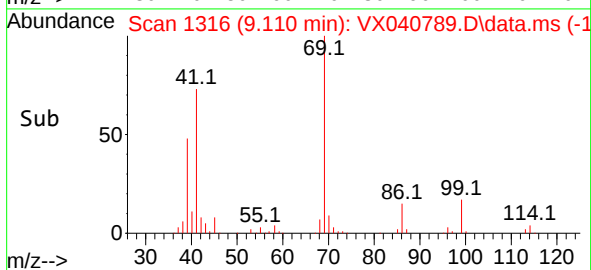
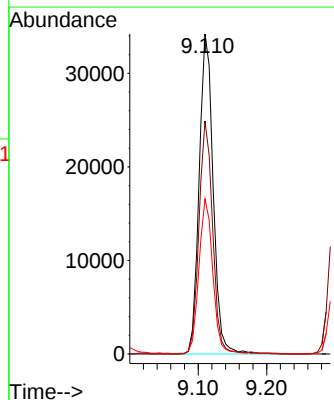
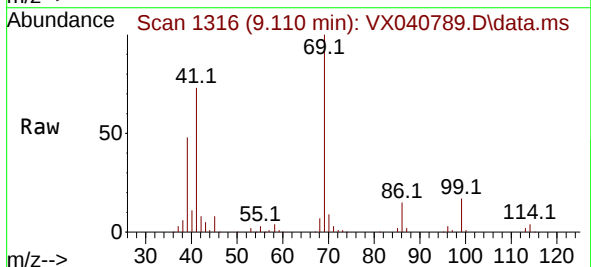
Reviewed By :John Carlone 03/26/2024

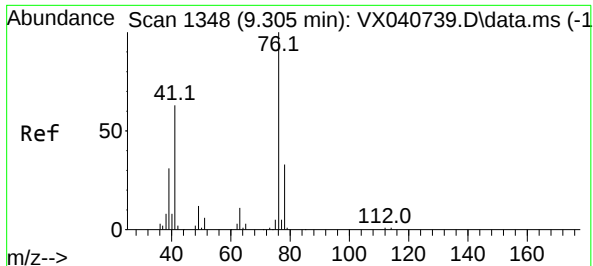
Supervised By :Mahesh Dadoda 03/26/2024



#56
Ethyl methacrylate
Concen: 44.184 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 69 Resp: 48746
Ion Ratio Lower Upper
69 100
41 71.3 56.8 85.2
39 48.1 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 43.105 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 48550

Ion Ratio Lower Upper

76 100

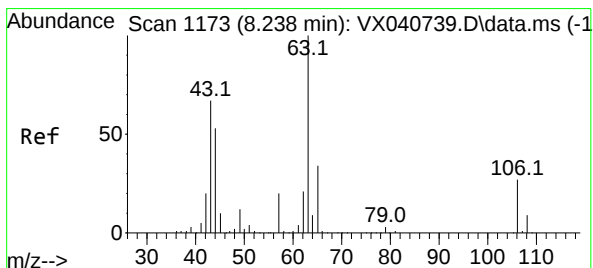
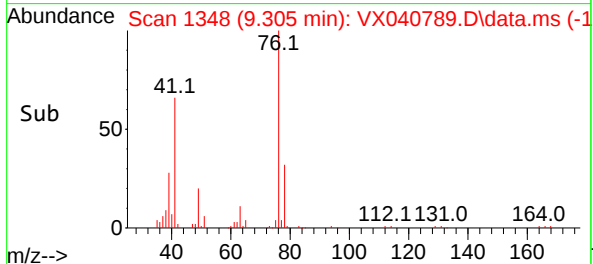
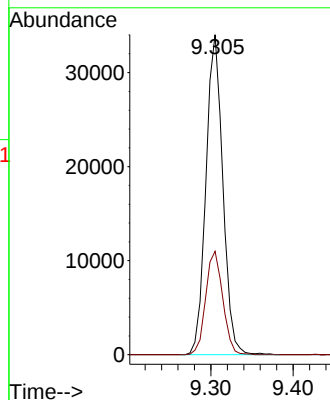
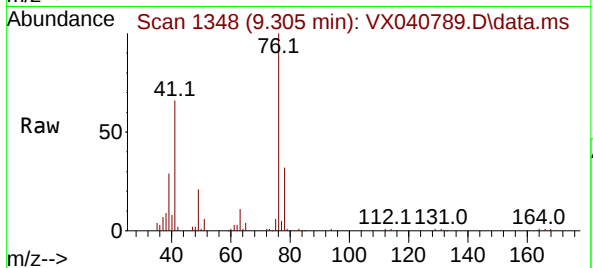
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 203.949 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040789.D

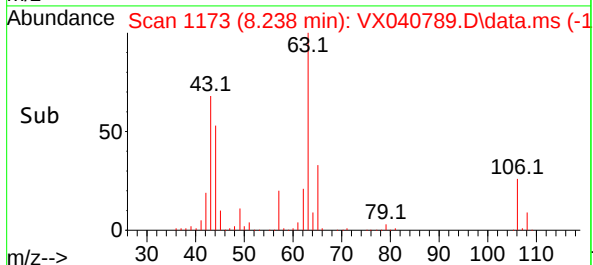
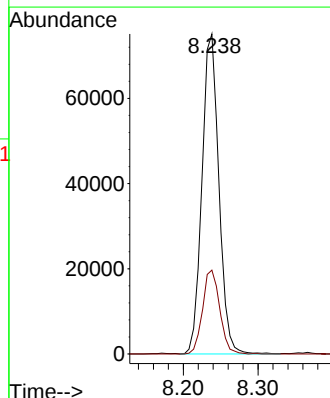
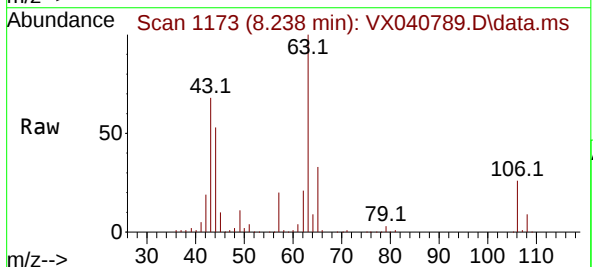
Acq: 25 Mar 2024 16:35

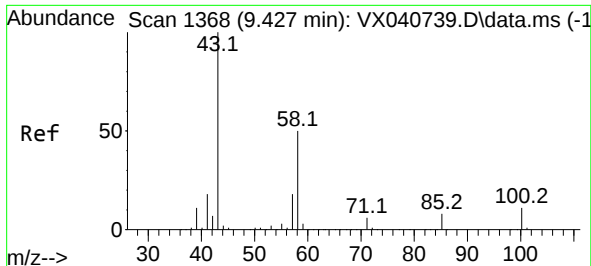
Tgt Ion: 63 Resp: 118088

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7





#59

2-Hexanone

Concen: 221.530 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 186760

Ion Ratio Lower Upper

43 100

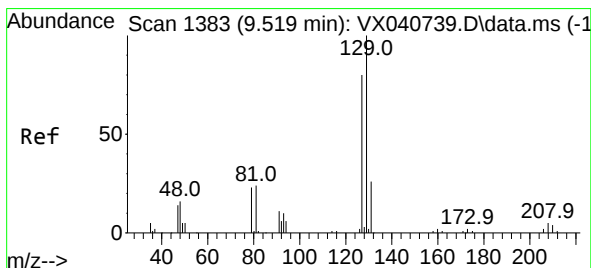
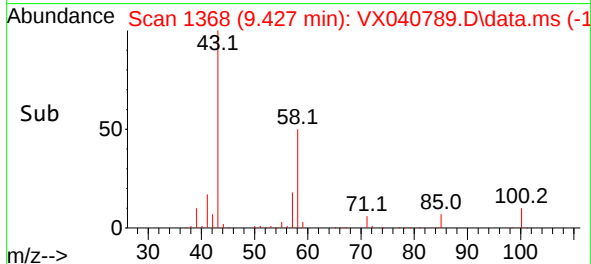
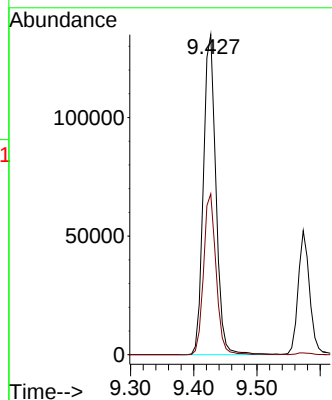
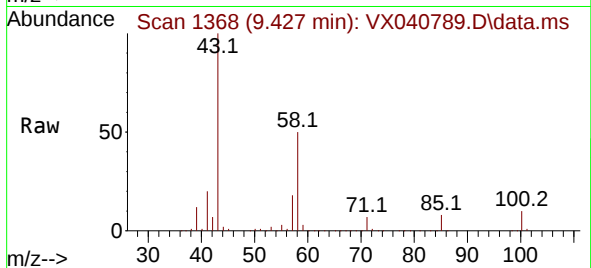
58 50.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#60

Dibromochloromethane

Concen: 44.396 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040789.D

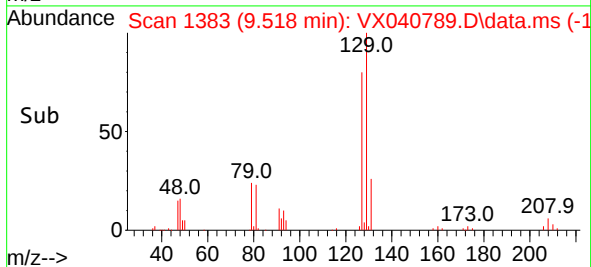
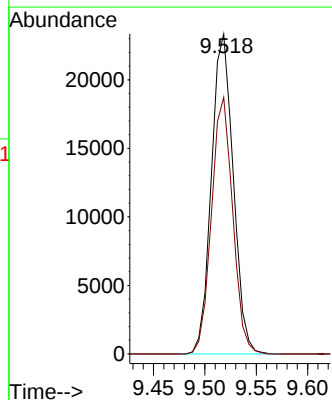
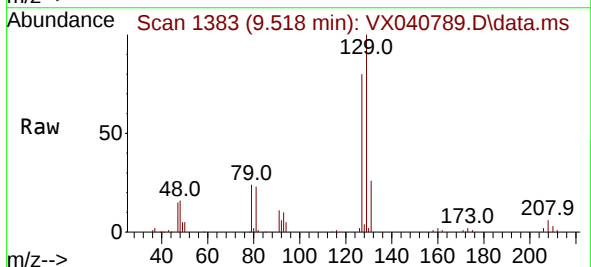
Acq: 25 Mar 2024 16:35

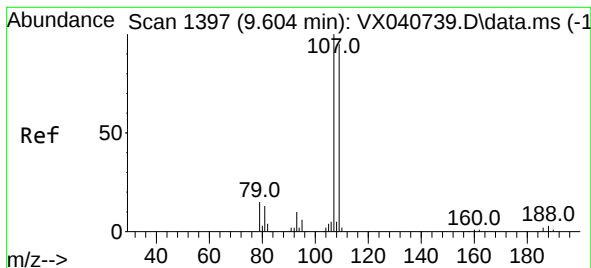
Tgt Ion:129 Resp: 34434

Ion Ratio Lower Upper

129 100

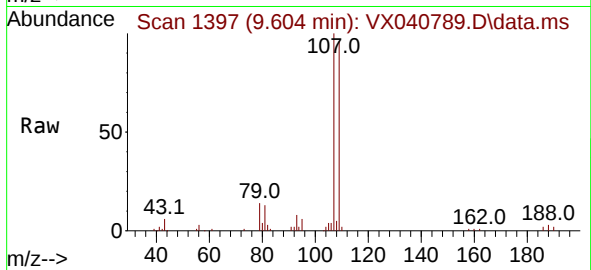
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 43.307 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

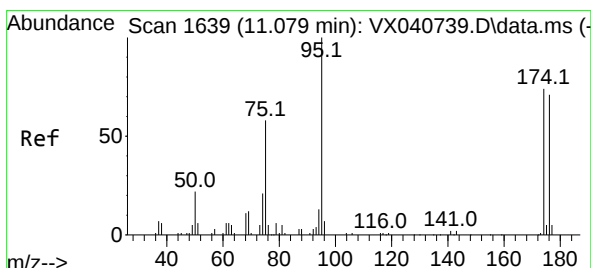
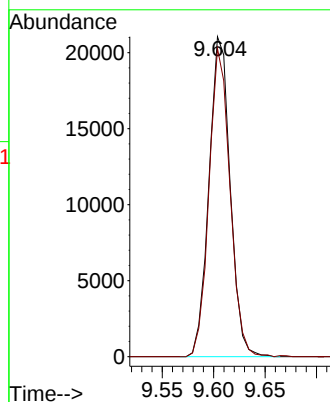
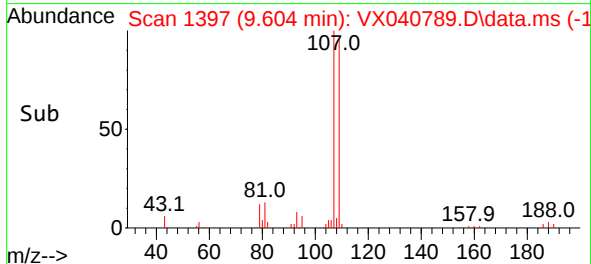
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 30184
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

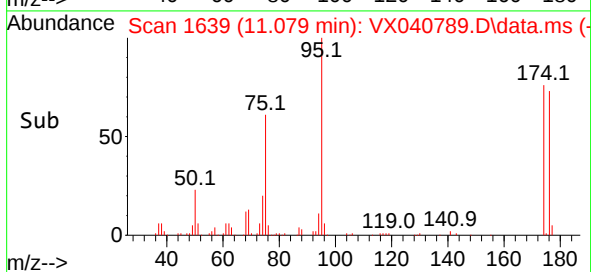
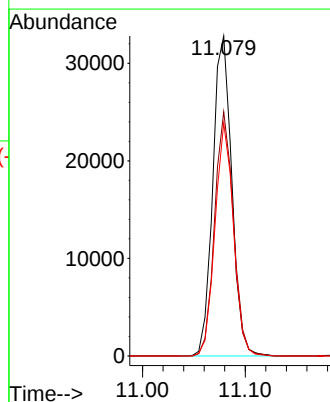
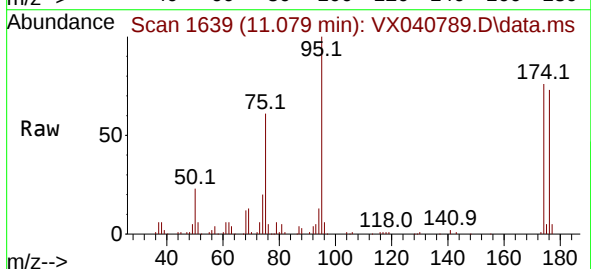
Manual Integrations
APPROVED

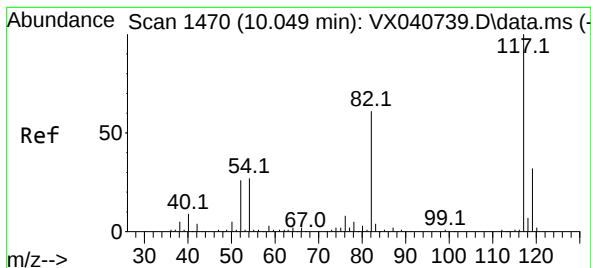
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#62
4-Bromofluorobenzene
Concen: 46.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

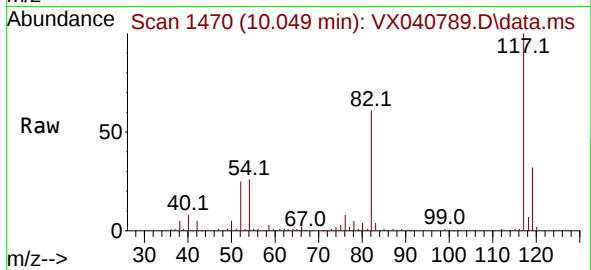
Tgt Ion: 95 Resp: 41935
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 70.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

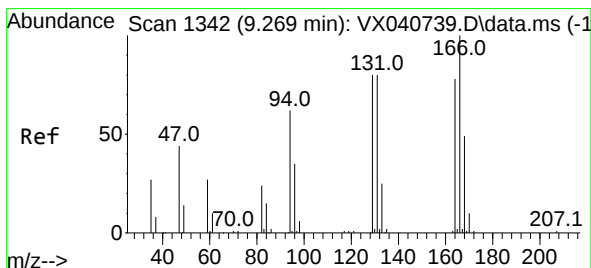
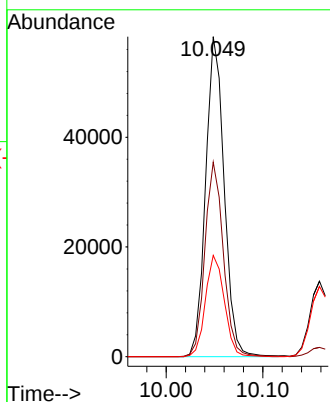
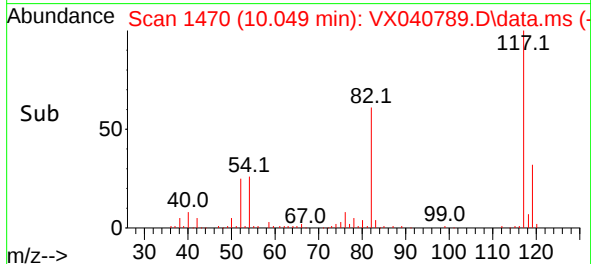
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 77634
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 31.7 25.5 38.3

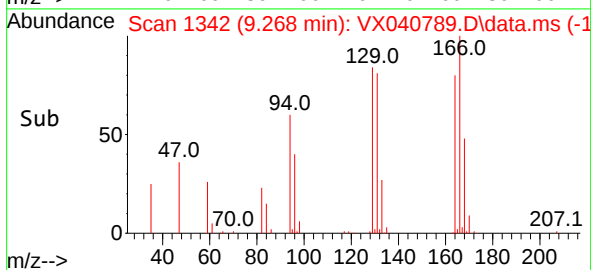
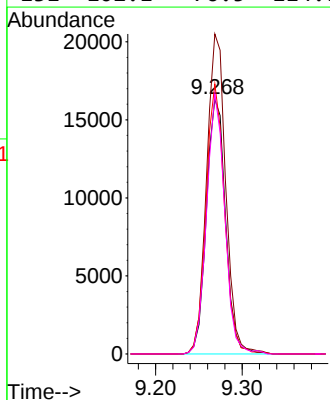
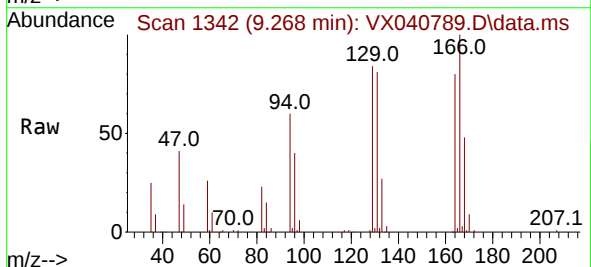
Manual Integrations
APPROVED

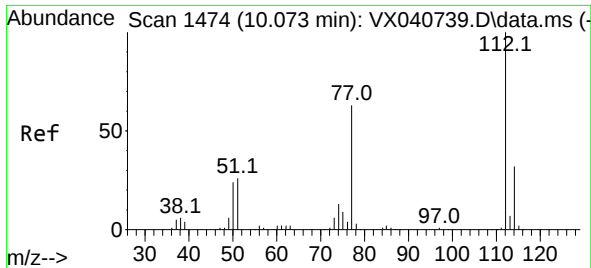
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#64
Tetrachloroethene
Concen: 43.310 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:164 Resp: 25045
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 106.0 80.4 120.6
131 102.1 76.5 114.7





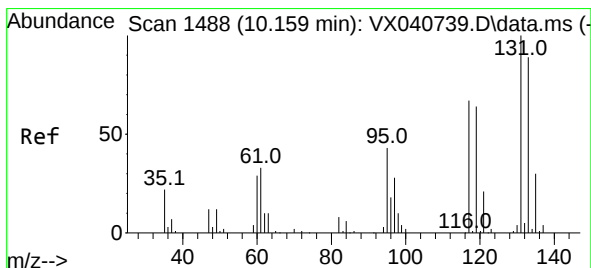
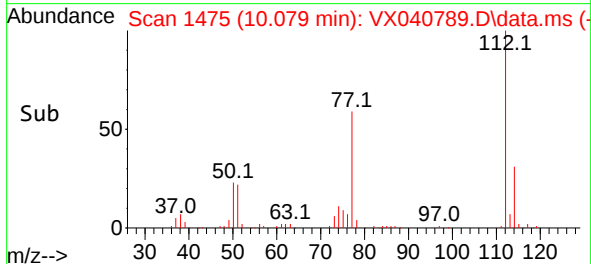
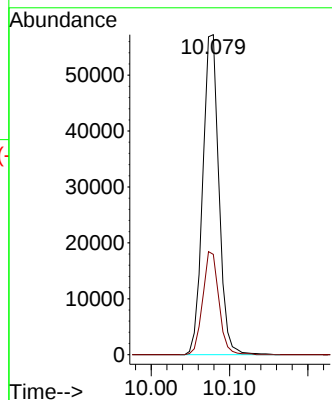
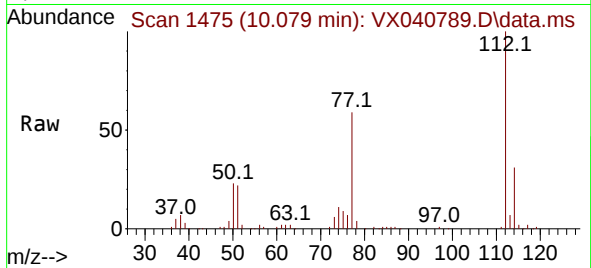
#65
Chlorobenzene
Concen: 46.485 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 8185
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

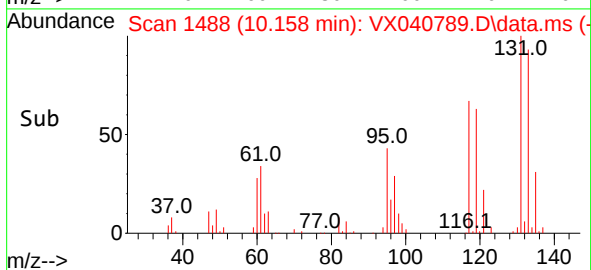
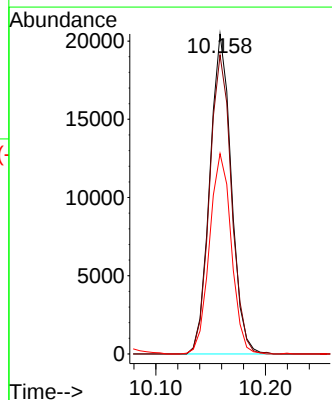
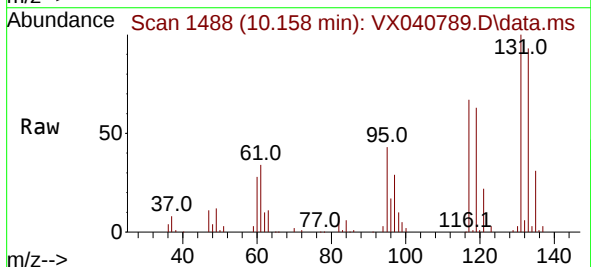
Manual Integrations
APPROVED

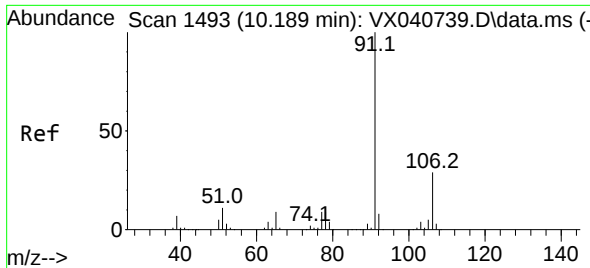
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 46.463 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

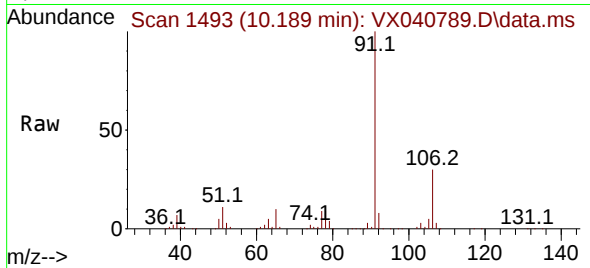
Tgt Ion:131 Resp: 27840
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 63.6 32.2 96.6





#67
Ethyl Benzene
Concen: 46.228 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

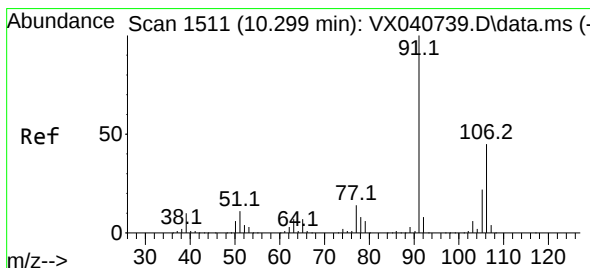
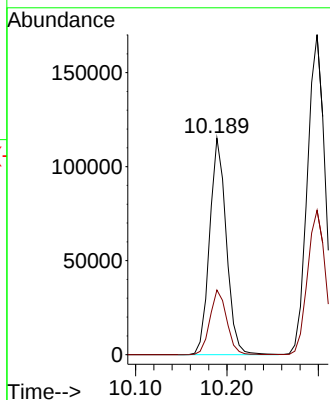
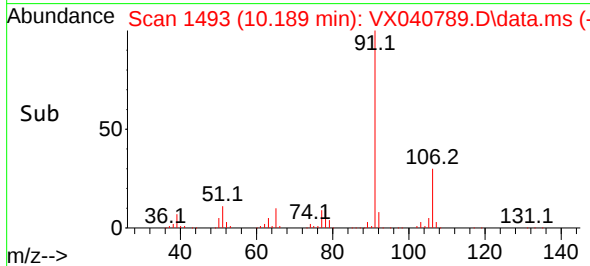
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



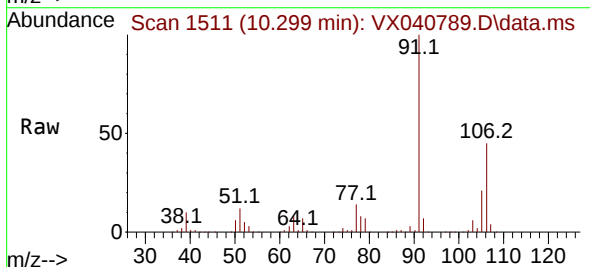
Tgt Ion: 91 Resp: 145775
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

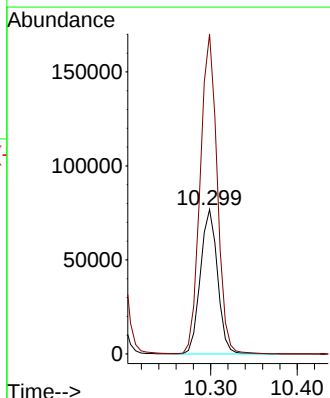
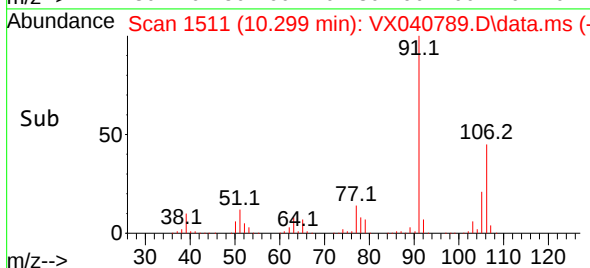
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

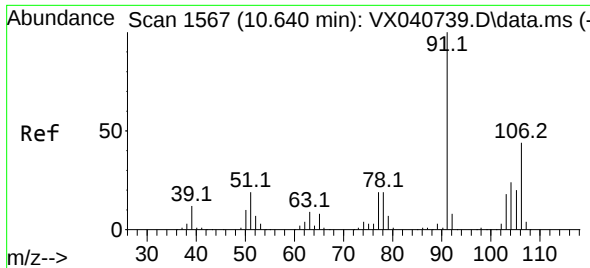


#68
m/p-Xylenes
Concen: 91.544 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35



Tgt Ion:106 Resp: 105691
Ion Ratio Lower Upper
106 100
91 218.8 165.5 248.3





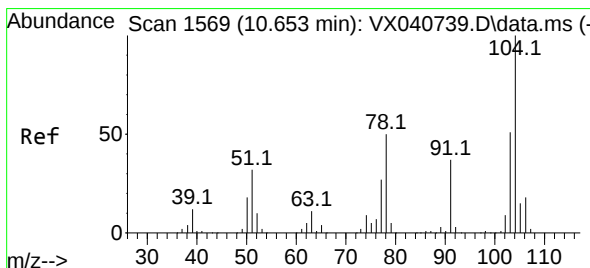
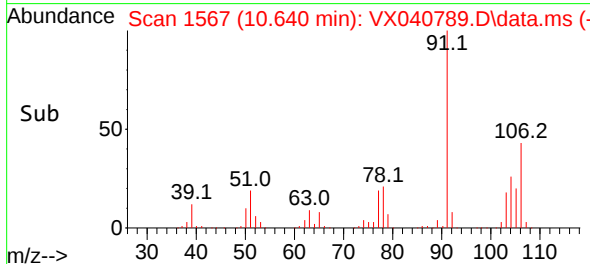
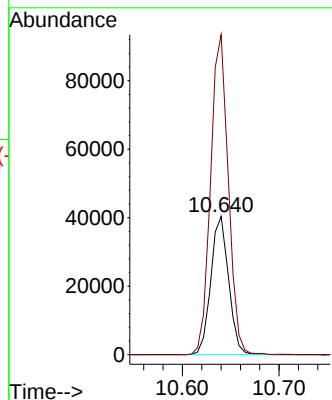
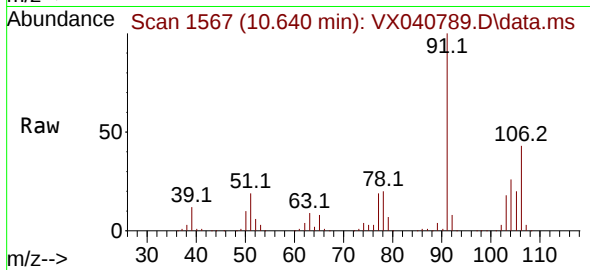
#69
o-Xylene
Concen: 46.510 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 5158
Ion Ratio Lower Upper
106 100
91 231.1 108.9 326.8

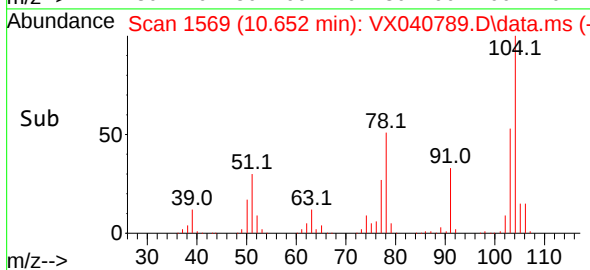
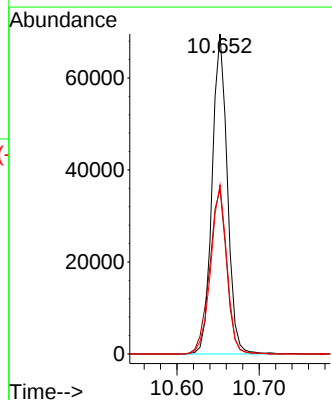
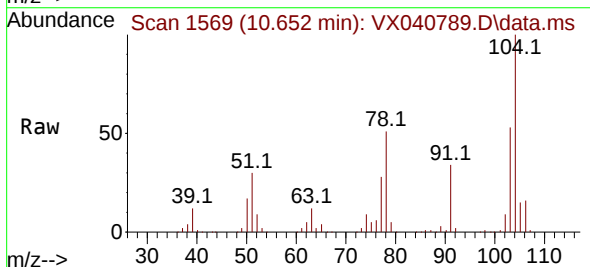
Manual Integrations
APPROVED

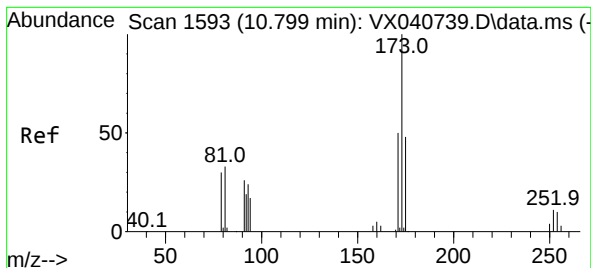
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#70
Styrene
Concen: 48.047 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:104 Resp: 89209
Ion Ratio Lower Upper
104 100
78 58.0 43.6 65.4
103 56.2 43.6 65.4





#71

Bromoform

Concen: 49.161 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

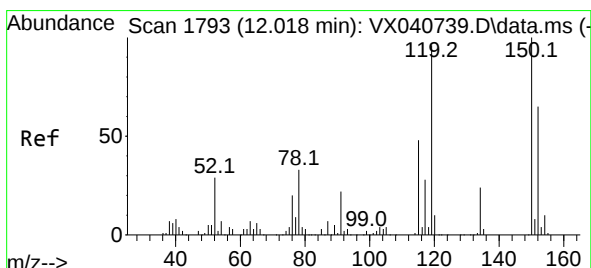
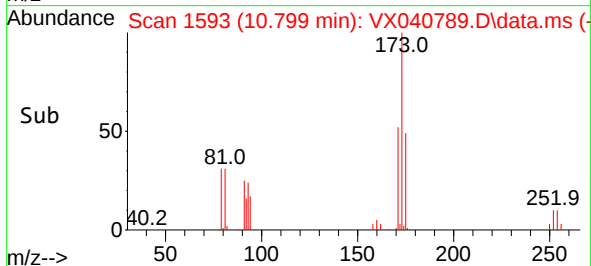
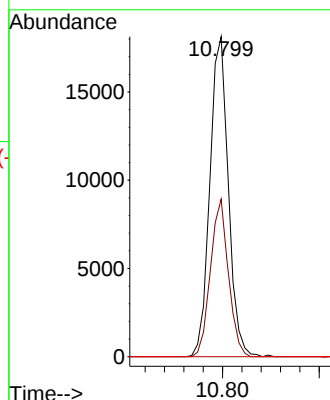
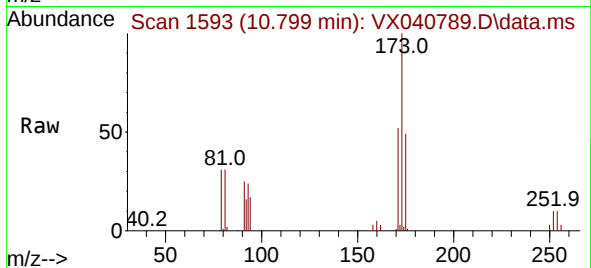
Tgt Ion:	173	Resp:	2405
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

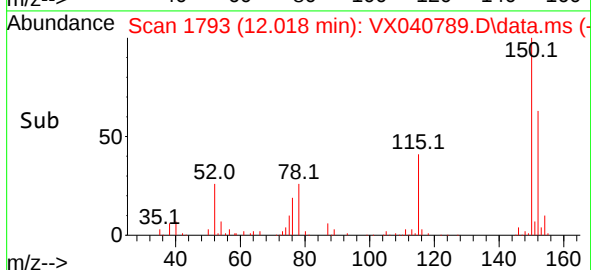
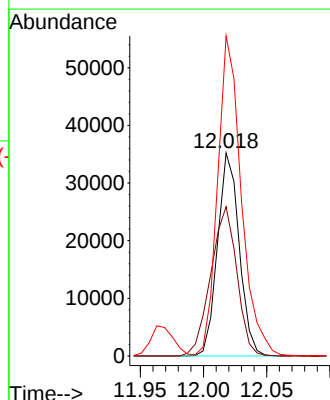
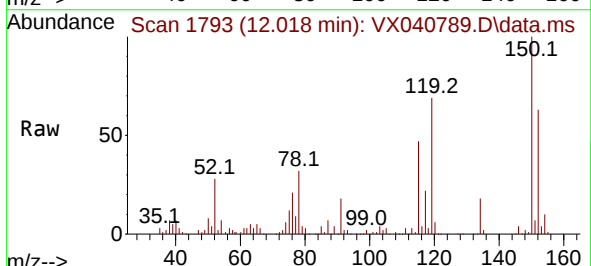
RT: 12.018 min Scan# 1793

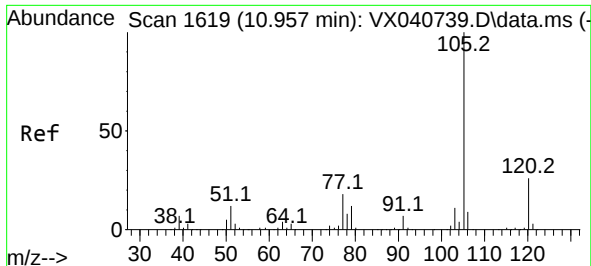
Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion:	152	Resp:	41798
Ion Ratio	Lower	Upper	
152	100		
115	88.7	43.3	129.9
150	172.8	0.0	345.0





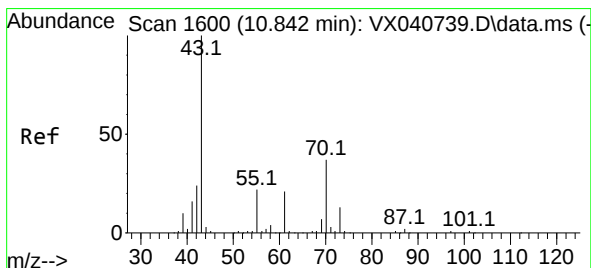
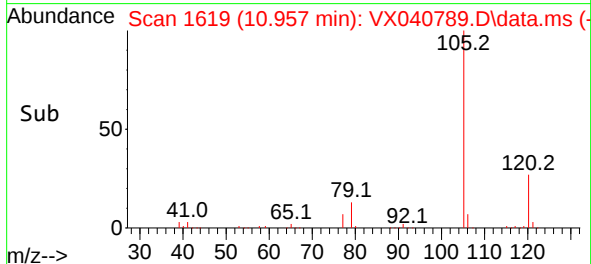
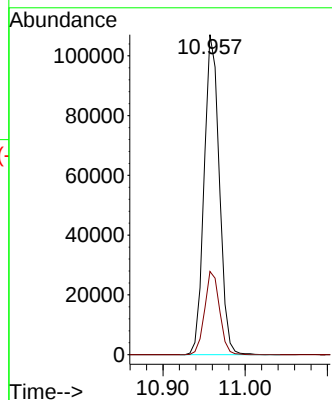
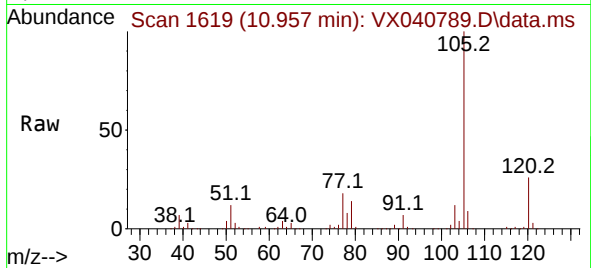
#73
Isopropylbenzene
Concen: 43.265 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 137214
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

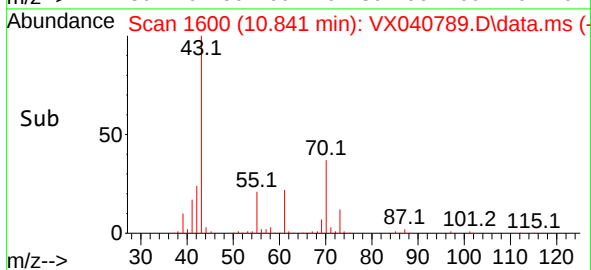
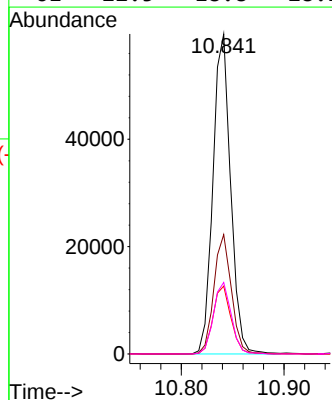
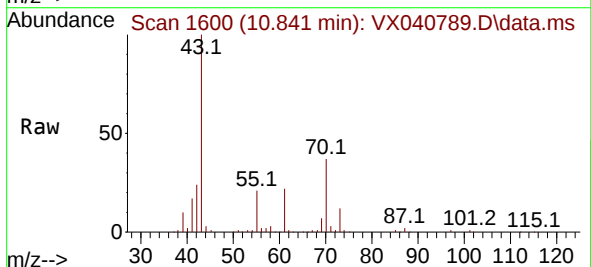
Manual Integrations
APPROVED

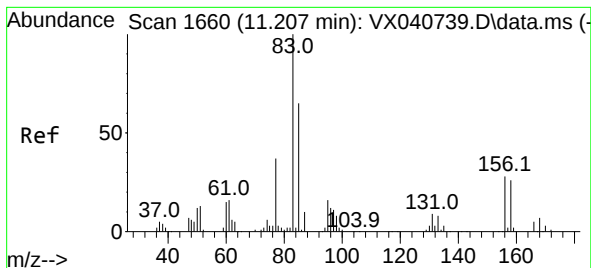
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#74
N-ethyl acetate
Concen: 45.671 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 43 Resp: 71315
Ion Ratio Lower Upper
43 100
70 37.0 32.9 49.3
55 21.7 19.3 28.9
61 22.5 18.8 28.2





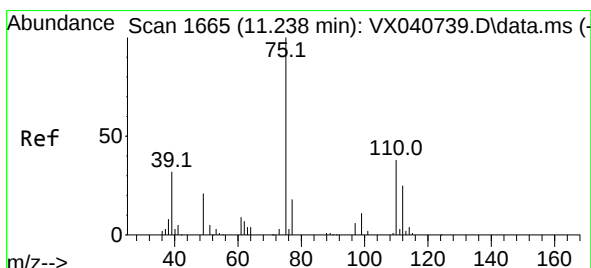
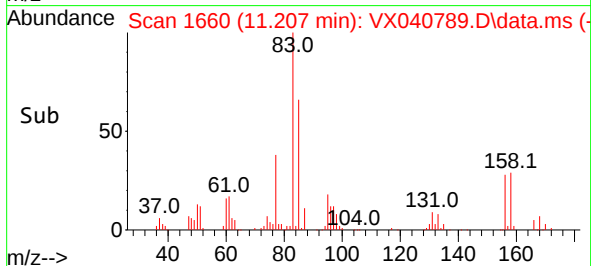
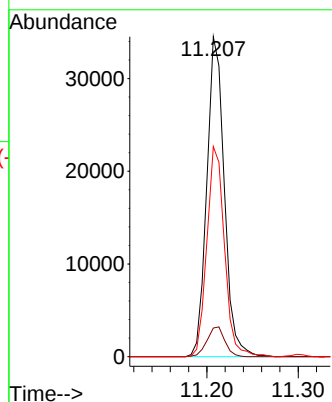
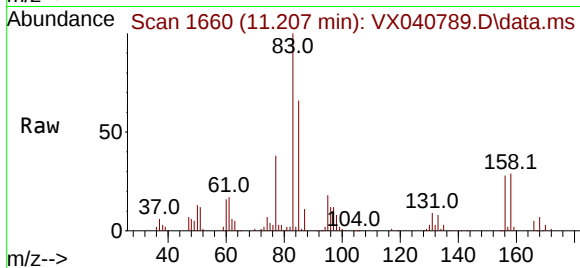
#75
1,1,2,2-Tetrachloroethane
Concen: 42.703 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 45849
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 65.9 32.0 96.2

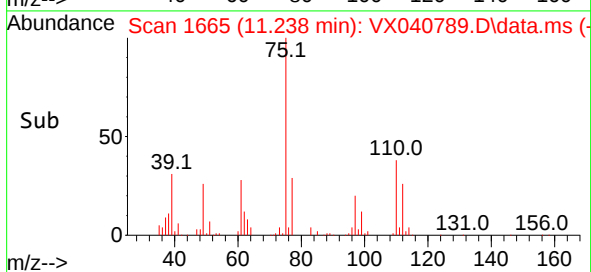
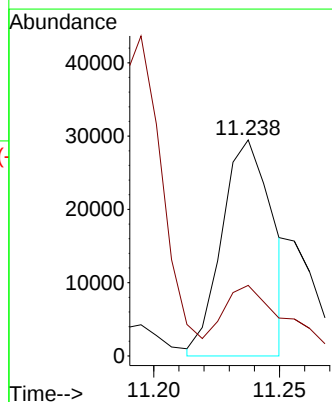
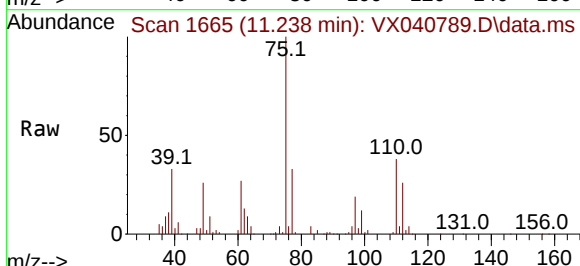
Manual Integrations
APPROVED

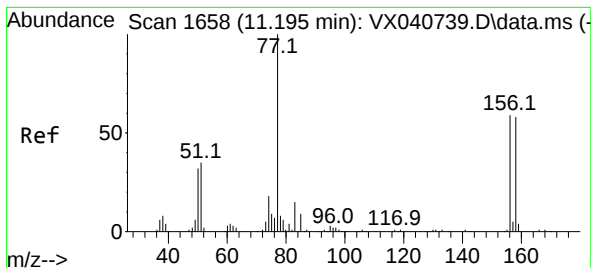
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#76
1,2,3-Trichloropropane
Concen: 45.743 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion: 75 Resp: 41121
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 43.279 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

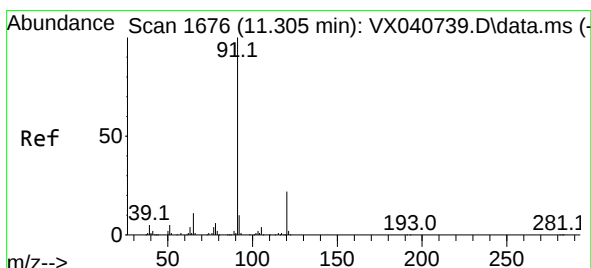
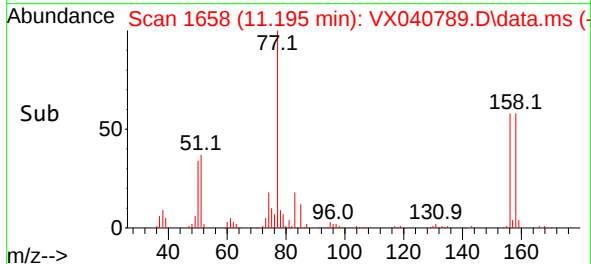
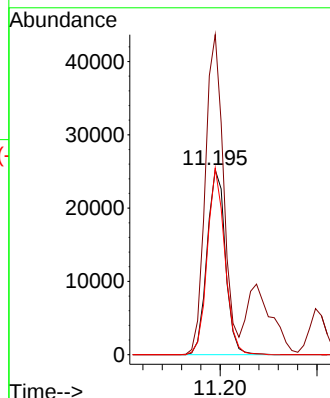
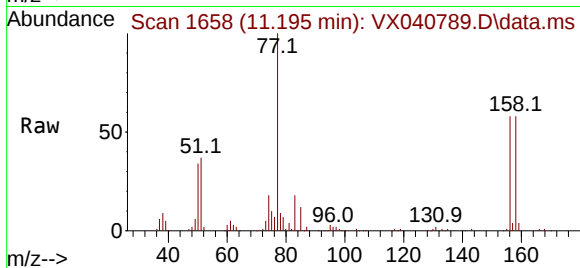
Tgt Ion:	156	Resp:	33224
Ion Ratio	Lower	Upper	
156	100		
77	172.7	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#78

n-propylbenzene

Concen: 44.340 ug/l

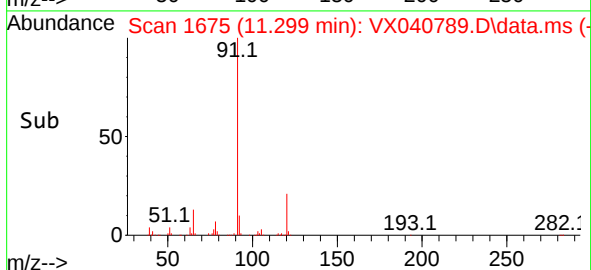
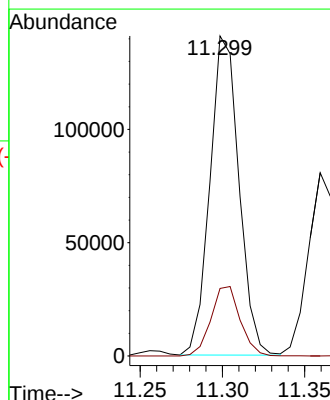
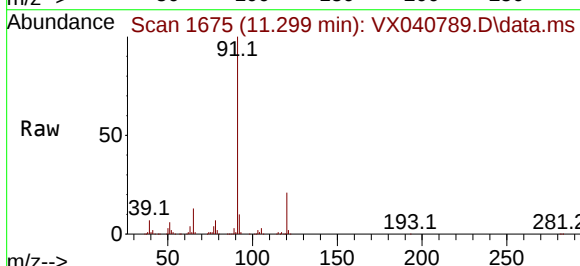
RT: 11.299 min Scan# 1675

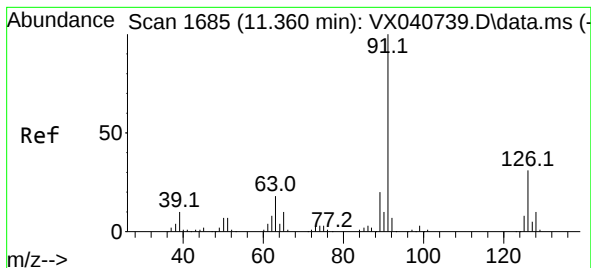
Delta R.T. -0.006 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion:	91	Resp:	173391
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4





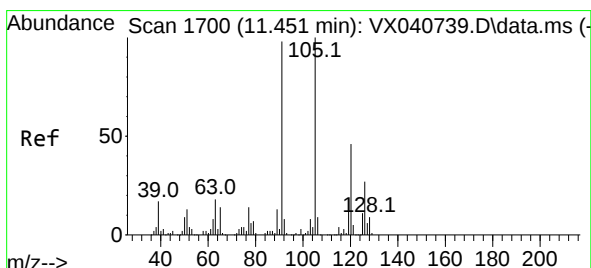
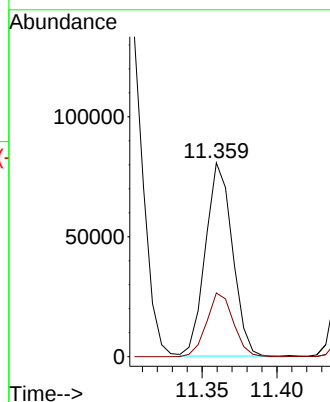
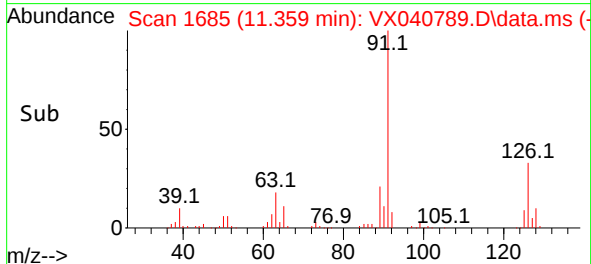
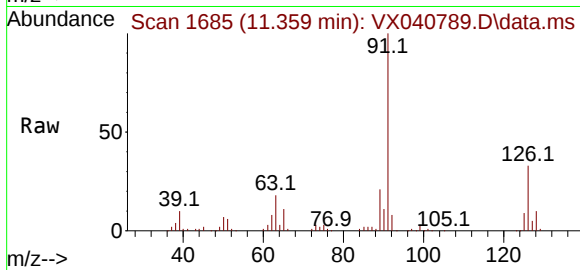
#79
2-Chlorotoluene
Concen: 44.892 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 101294
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

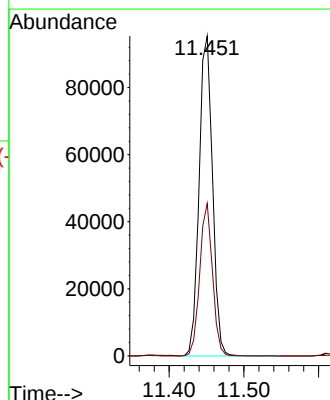
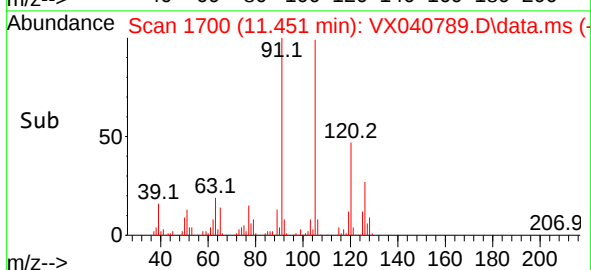
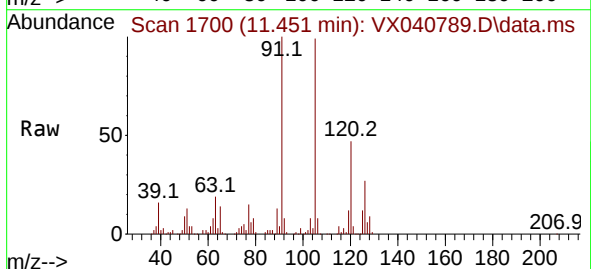
Manual Integrations
APPROVED

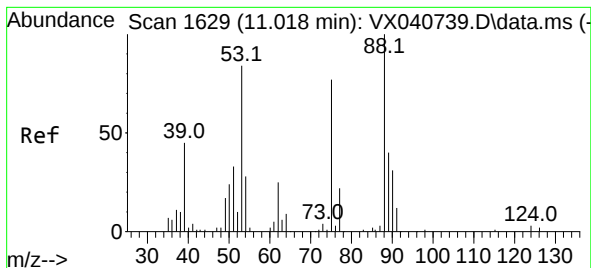
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.561 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:105 Resp: 118477
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





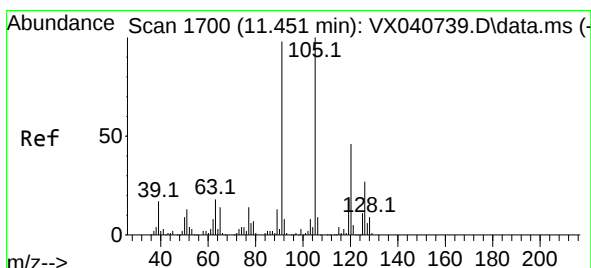
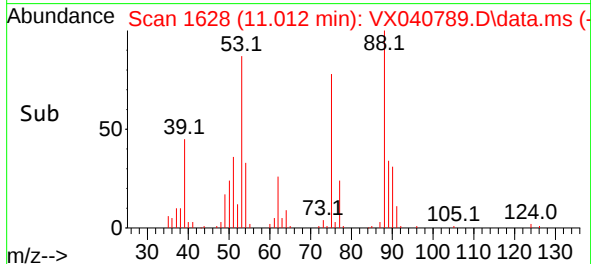
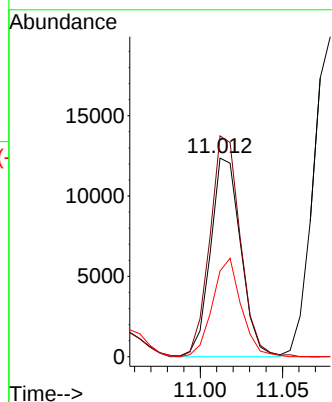
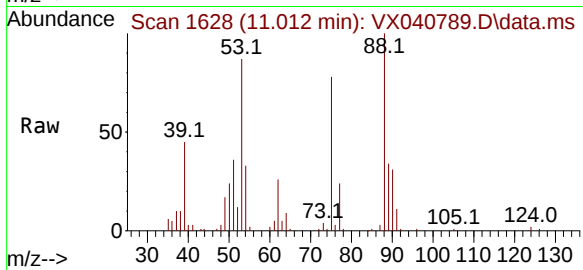
#81
trans-1,4-Dichloro-2-butene
Concen: 44.649 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 15860
Ion Ratio Lower Upper
75 100
53 111.5 90.5 135.7
89 46.8 36.9 55.3

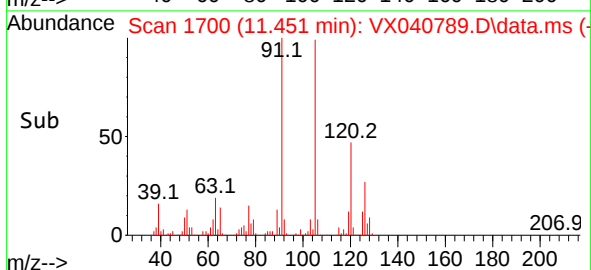
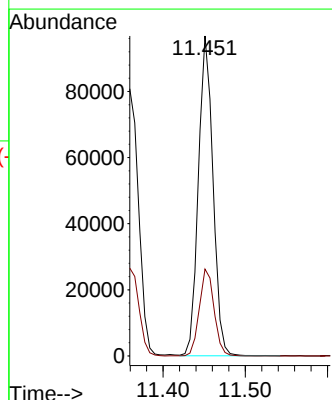
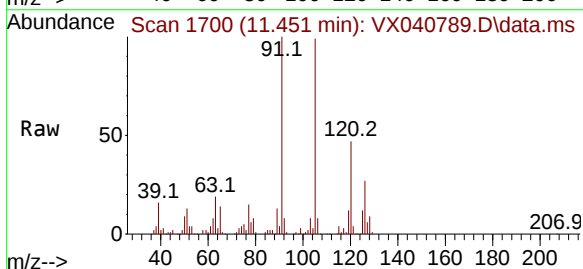
Manual Integrations
APPROVED

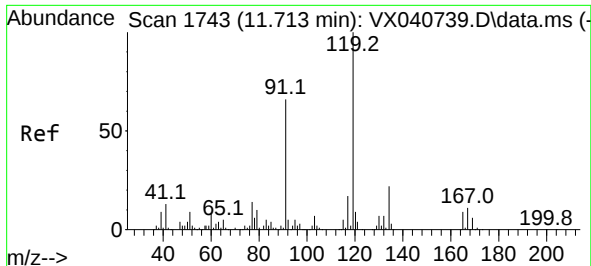
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#82
4-Chlorotoluene
Concen: 42.170 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

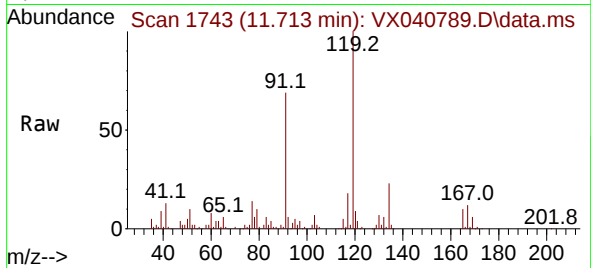
Tgt Ion: 91 Resp: 119346
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 43.796 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

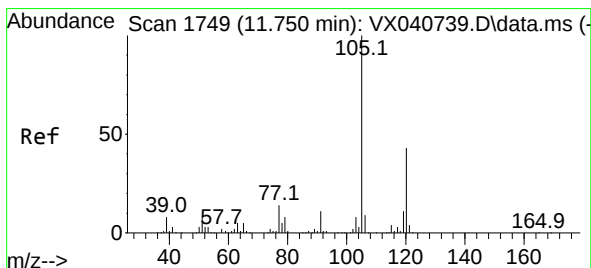
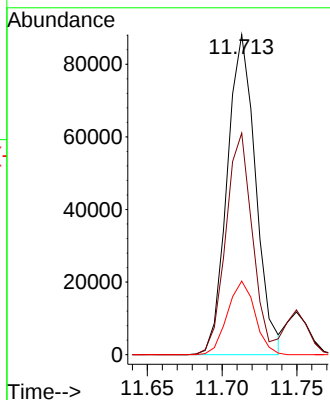
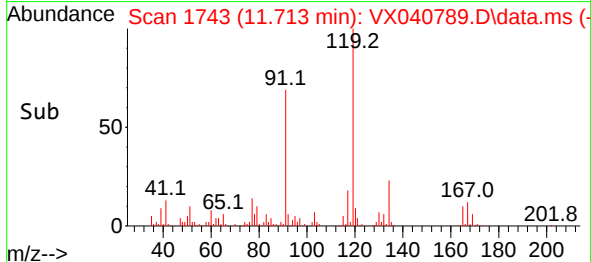
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



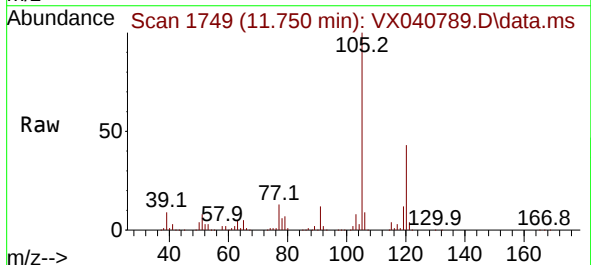
Tgt Ion:119 Resp: 11678
Ion Ratio Lower Upper
119 100
91 65.7 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
APPROVED

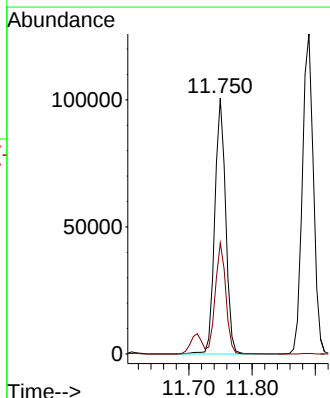
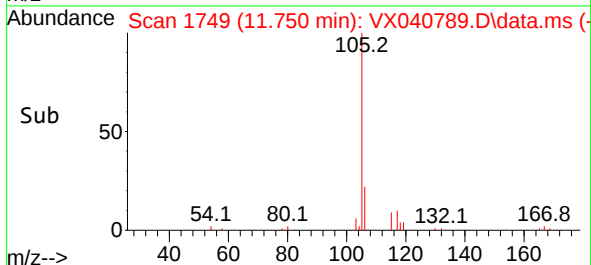
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

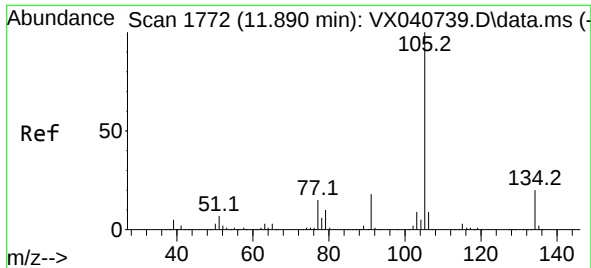


#84
1,2,4-Trimethylbenzene
Concen: 44.900 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35



Tgt Ion:105 Resp: 120148
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 44.748 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040789.D
 Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

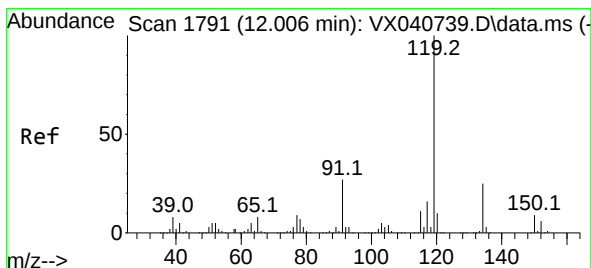
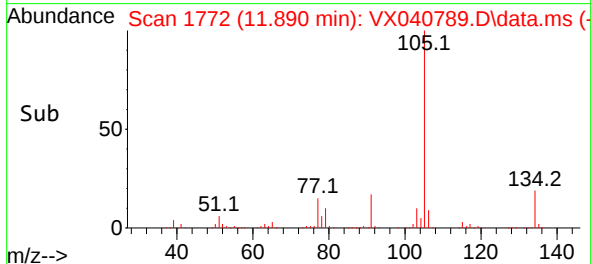
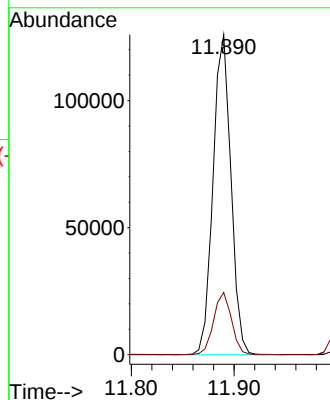
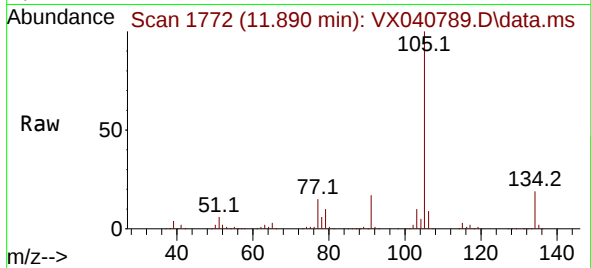
VSTDCCC050EC

Tgt Ion:105 Resp: 15174
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations

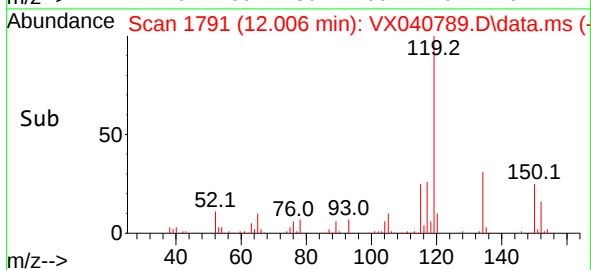
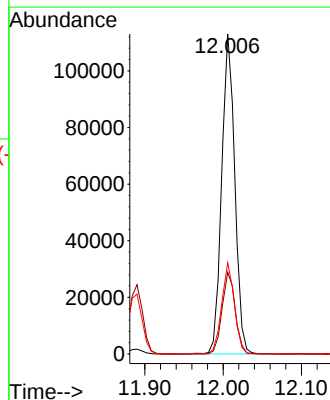
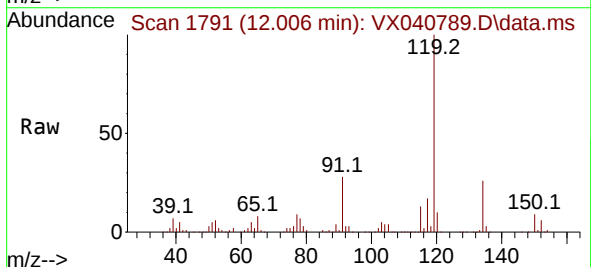
APPROVED

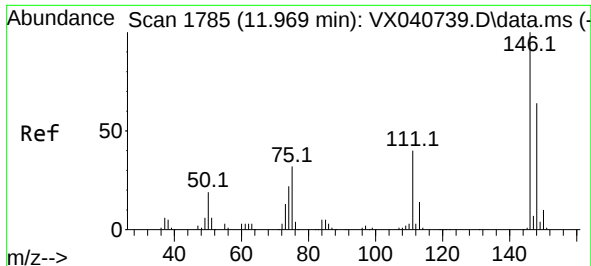
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#86
 p-Isopropyltoluene
 Concen: 46.858 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040789.D
 Acq: 25 Mar 2024 16:35

Tgt Ion:119 Resp: 131759
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 44.969 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040789.D

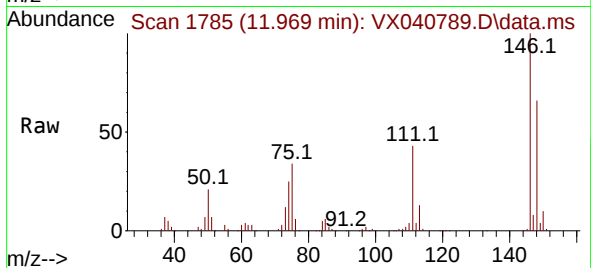
Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 65923

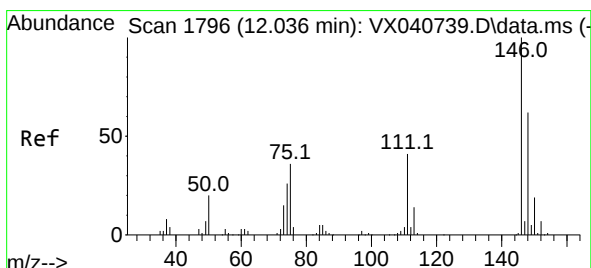
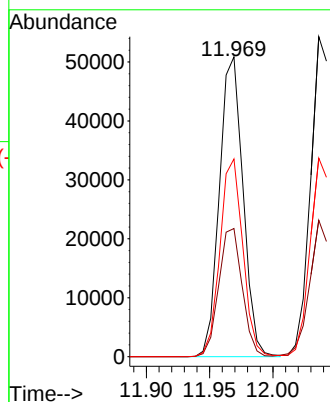
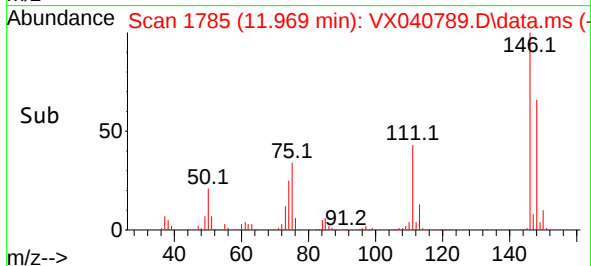
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.1	66.1
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#88

1,4-Dichlorobenzene

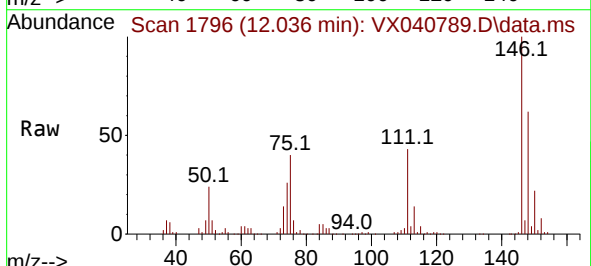
Concen: 43.040 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

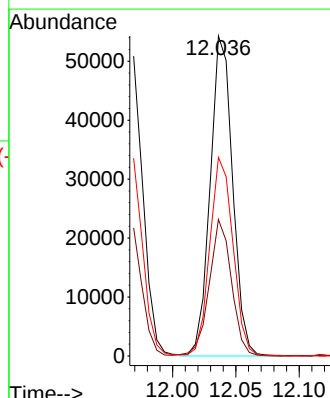
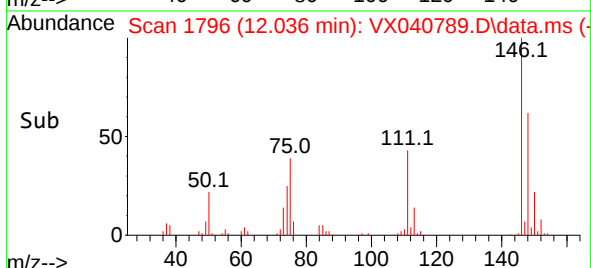
Lab File: VX040789.D

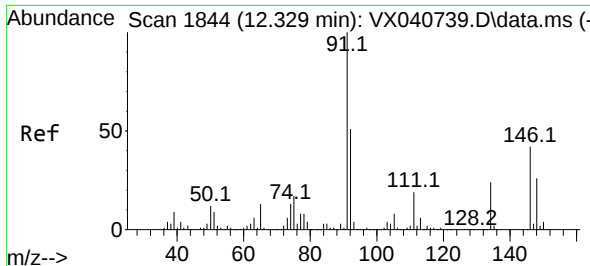
Acq: 25 Mar 2024 16:35



Tgt Ion:146 Resp: 67008

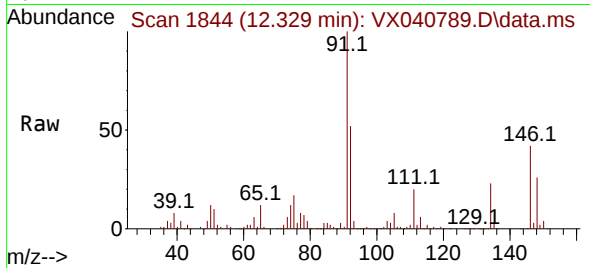
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.2	31.8	95.4





#89
n-Butylbenzene
Concen: 43.826 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

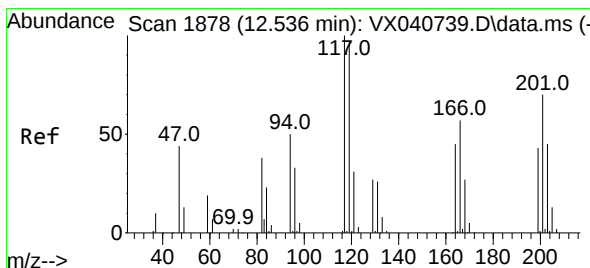
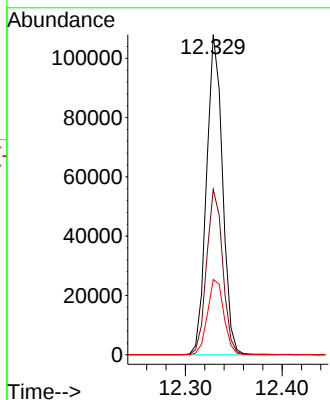
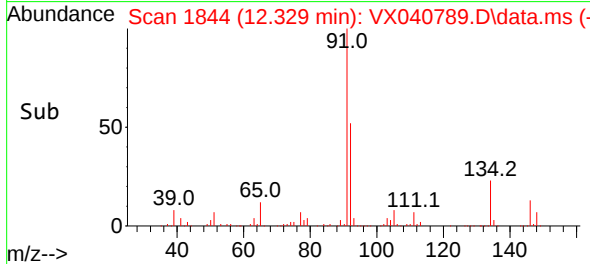
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 124272
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 24.1 12.6 37.8

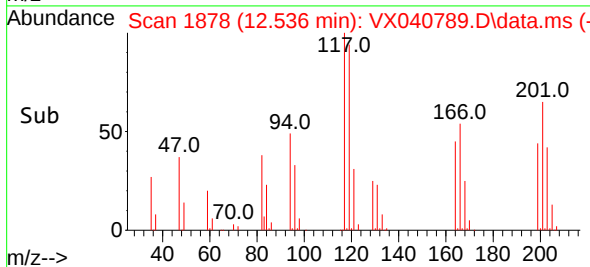
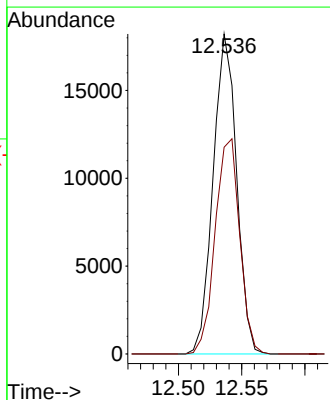
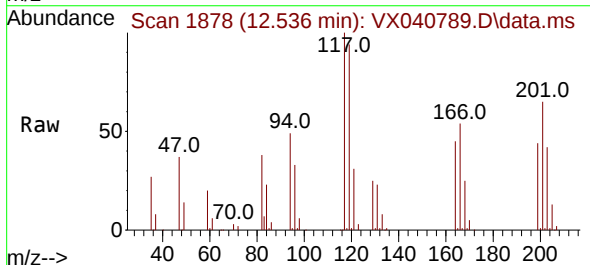
Manual Integrations
APPROVED

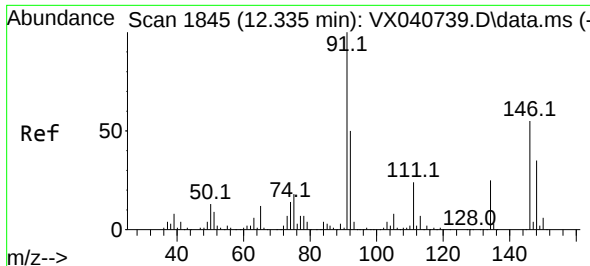
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#90
Hexachloroethane
Concen: 47.971 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Tgt Ion:117 Resp: 23488
Ion Ratio Lower Upper
117 100
201 70.2 32.9 98.6





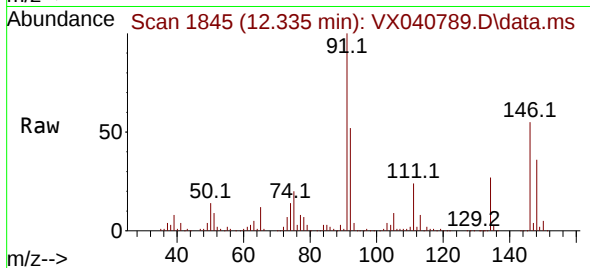
#91
1,2-Dichlorobenzene
Concen: 43.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



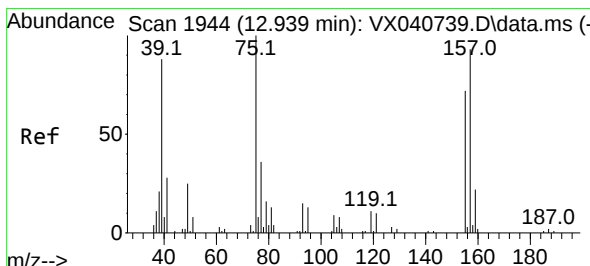
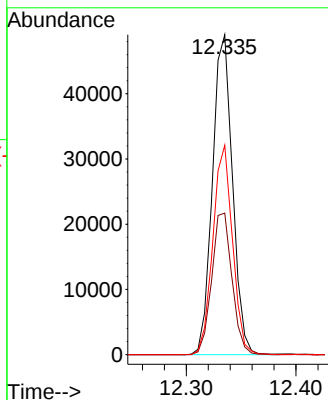
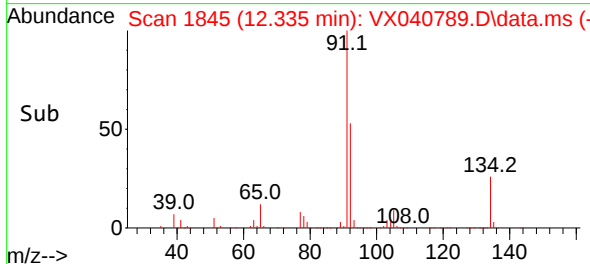
Tgt Ion:146 Resp: 62329
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations

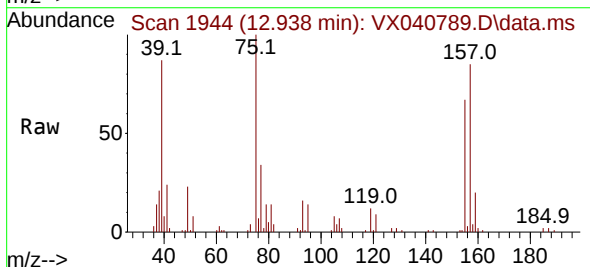
APPROVED

Reviewed By :John Carlone 03/26/2024

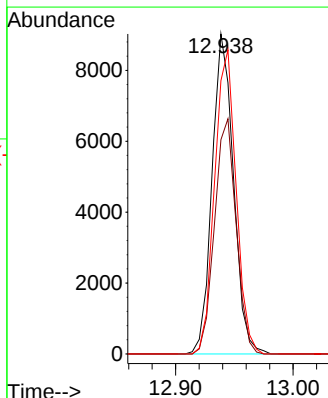
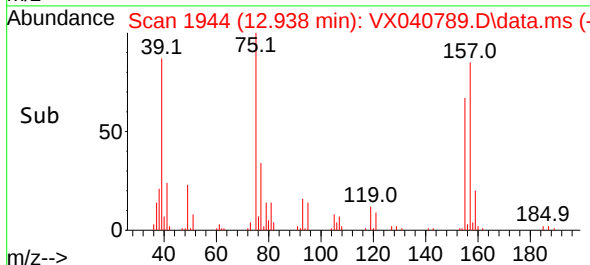
Supervised By :Mahesh Dadoda 03/26/2024

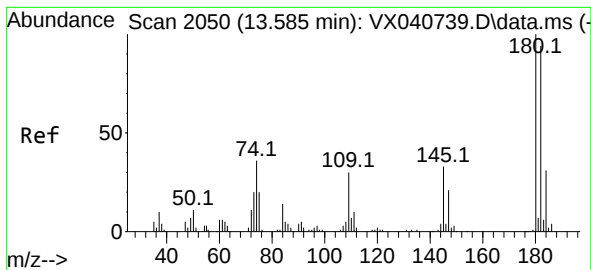


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.652 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35



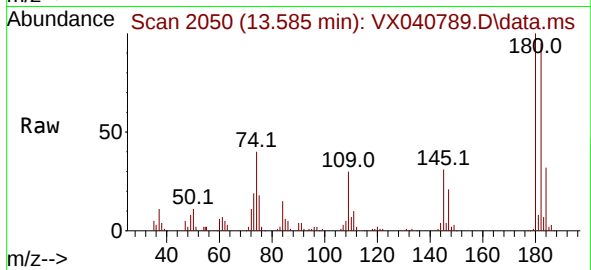
Tgt Ion: 75 Resp: 11434
Ion Ratio Lower Upper
75 100
155 74.1 36.1 108.5
157 95.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 41.728 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35

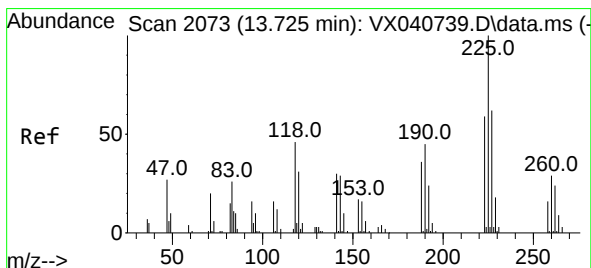
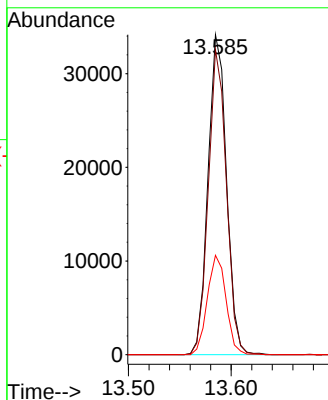
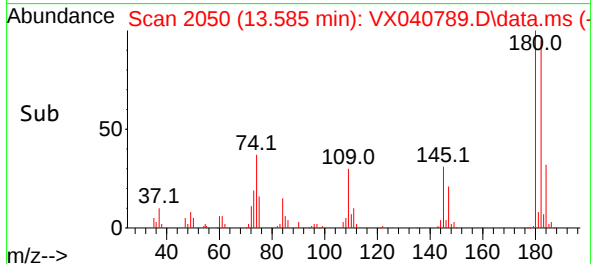
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



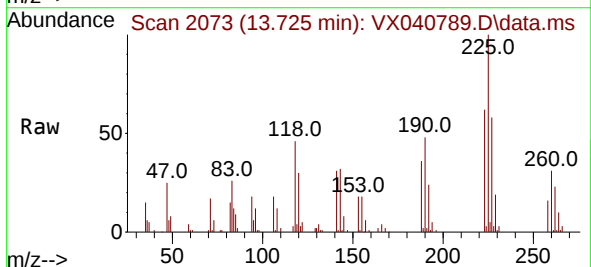
Tgt Ion:180 Resp: 42711
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.8
145 31.5 18.0 54.0

Manual Integrations
APPROVED

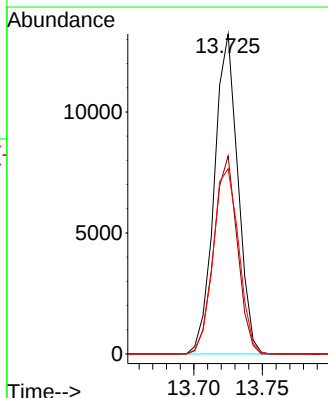
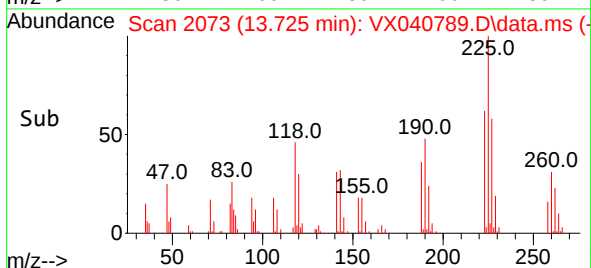
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

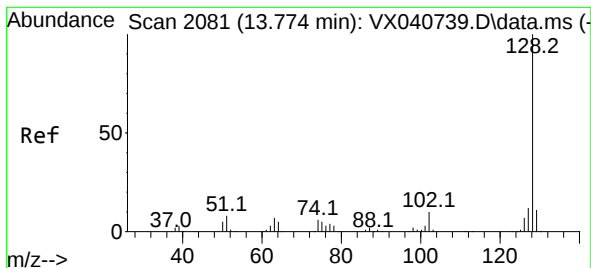


#94
Hexachlorobutadiene
Concen: 39.170 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040789.D
Acq: 25 Mar 2024 16:35



Tgt Ion:225 Resp: 15804
Ion Ratio Lower Upper
225 100
223 61.8 31.1 93.2
227 63.2 32.5 97.5





#95

Naphthalene

Concen: 43.551 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 14103

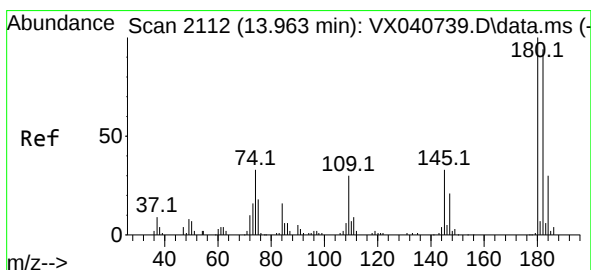
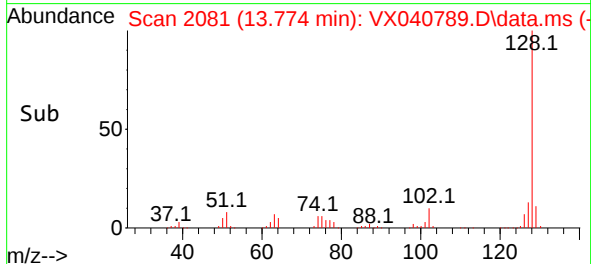
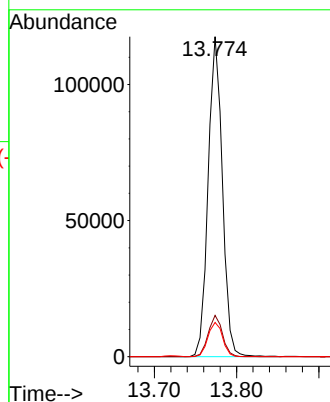
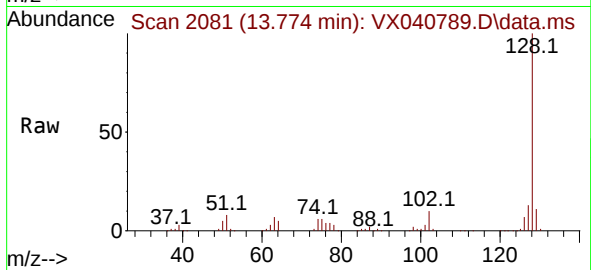
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 41.563 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040789.D

Acq: 25 Mar 2024 16:35

Tgt Ion:180 Resp: 41799

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.9	140.6
145	33.9	17.8	53.5

