

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041178.D
 Acq On : 19 Apr 2024 15:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 20 01:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	240714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	326844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117258	45.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.240%		
35) Dibromofluoromethane	5.379	113	104762	47.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.647	98	371313	48.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.100%		
62) 4-Bromofluorobenzene	11.079	95	141031	48.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	90600	47.452	ug/l	99
3) Chloromethane	1.301	50	90485	42.643	ug/l	97
4) Vinyl Chloride	1.374	62	97710	40.176	ug/l	100
5) Bromomethane	1.593	94	51694	33.904	ug/l	99
6) Chloroethane	1.660	64	35200	21.927	ug/l	95
7) Trichlorofluoromethane	1.855	101	153787	40.286	ug/l	96
8) Diethyl Ether	2.136	74	58623	39.133	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	92981	41.900	ug/l	87
10) Methyl Iodide	2.441	142	113245	48.578	ug/l	88
11) Tert butyl alcohol	3.038	59	110822	217.972	ug/l #	92
12) 1,1-Dichloroethene	2.300	96	81207	38.224	ug/l	90
13) Acrolein	2.239	56	118261	184.954	ug/l	100
14) Allyl chloride	2.654	41	138118	40.198	ug/l #	95
15) Acrylonitrile	3.069	53	271373	215.576	ug/l	99
16) Acetone	2.392	43	230604	211.106	ug/l	97
17) Carbon Disulfide	2.496	76	142844	29.537	ug/l	100
18) Methyl Acetate	2.709	43	121029	44.380	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	330780	50.373	ug/l	99
20) Methylene Chloride	2.782	84	90839	38.972	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	91682	42.070	ug/l	87
22) Diisopropyl ether	3.764	45	321311	48.830	ug/l #	82
23) Vinyl Acetate	3.715	43	1418485	237.865	ug/l #	95
24) 1,1-Dichloroethane	3.599	63	179917	46.700	ug/l	97
25) 2-Butanone	4.562	43	390189	227.343	ug/l	94
26) 2,2-Dichloropropane	4.465	77	153920	50.333	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	123133	46.769	ug/l	87
28) Bromochloromethane	4.891	49	68629	45.619	ug/l #	70
29) Tetrahydrofuran	5.007	42	255863	225.185	ug/l	94
30) Chloroform	5.087	83	191888	45.836	ug/l	99
31) Cyclohexane	5.458	56	147665	45.867	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	171160	46.587	ug/l	97
36) 1,1-Dichloropropene	5.684	75	126848	45.889	ug/l	95
37) Ethyl Acetate	4.715	43	151150	45.788	ug/l	98
38) Carbon Tetrachloride	5.666	117	147965	46.164	ug/l	99
39) Methylcyclohexane	7.373	83	171314	49.392	ug/l	91
40) Benzene	6.031	78	399740	47.374	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041178.D
 Acq On : 19 Apr 2024 15:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 20 01:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	84035	48.575	ug/l	94
42) 1,2-Dichloroethane	6.080	62	137904	45.609	ug/l	93
43) Isopropyl Acetate	6.342	43	240723	49.107	ug/l	95
44) Trichloroethene	7.117	130	116962	46.669	ug/l	87
45) 1,2-Dichloropropane	7.428	63	97451	48.638	ug/l	99
46) Dibromomethane	7.574	93	72873	46.258	ug/l #	74
47) Bromodichloromethane	7.818	83	139993	45.654	ug/l	97
48) Methyl methacrylate	7.696	41	117959	49.299	ug/l	90
49) 1,4-Dioxane	7.671	88	52026	930.499	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	788916	236.907	ug/l	96
52) Toluene	8.714	92	264254	47.975	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	143293	48.721	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	158136	48.941	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	106522	48.165	ug/l	96
56) Ethyl methacrylate	9.116	69	171668	48.048	ug/l	92
57) 1,3-Dichloropropane	9.305	76	171114	47.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	368389	236.847	ug/l	90
59) 2-Hexanone	9.433	43	625700	242.892	ug/l	94
60) Dibromochloromethane	9.519	129	124764	46.639	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111586	46.190	ug/l	98
64) Tetrachloroethene	9.269	164	115192	49.961	ug/l	91
65) Chlorobenzene	10.080	112	311187	48.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	112877	51.522	ug/l	98
67) Ethyl Benzene	10.189	91	507352	50.767	ug/l	98
68) m/p-Xylenes	10.299	106	410120	103.175	ug/l	91
69) o-Xylene	10.640	106	201325	52.030	ug/l	91
70) Styrene	10.653	104	343488	52.279	ug/l	94
71) Bromoform	10.799	173	102460	49.653	ug/l #	98
73) Isopropylbenzene	10.964	105	530128	53.760	ug/l	96
74) N-amyl acetate	10.842	43	218807	55.935	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	170588	52.719	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137774m	50.573	ug/l	
77) Bromobenzene	11.195	156	153278	52.946	ug/l	76
78) n-propylbenzene	11.305	91	586755	53.060	ug/l	95
79) 2-Chlorotoluene	11.366	91	355595	52.749	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	446714	54.383	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	50121	47.685	ug/l	92
82) 4-Chlorotoluene	11.451	91	404671	51.556	ug/l	91
83) tert-Butylbenzene	11.713	119	486290	55.508	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	451542	55.081	ug/l	93
85) sec-Butylbenzene	11.890	105	576817	54.873	ug/l	94
86) p-Isopropyltoluene	12.006	119	514403	55.140	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	280028	51.274	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	280087	48.629	ug/l	95
89) n-Butylbenzene	12.329	91	412788	52.155	ug/l	97
90) Hexachloroethane	12.536	117	81963	51.883	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	281646	51.968	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37940	54.058	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	205464	50.443	ug/l	96
94) Hexachlorobutadiene	13.725	225	108132	55.688	ug/l	99
95) Naphthalene	13.774	128	621910	56.530	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220508	54.522	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
Data File : VX041178.D
Acq On : 19 Apr 2024 15:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

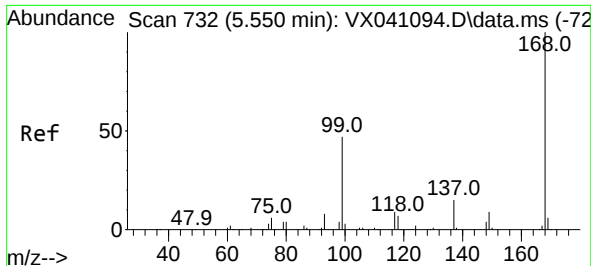
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

Quant Time: Apr 20 01:32:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

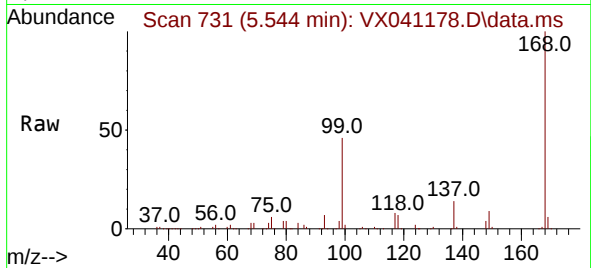
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

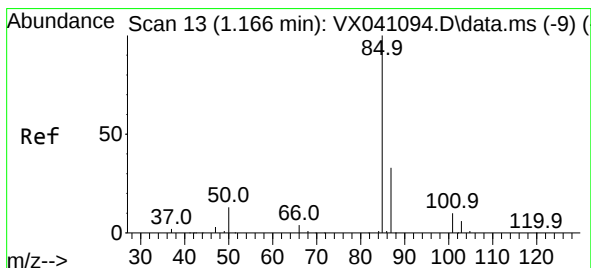
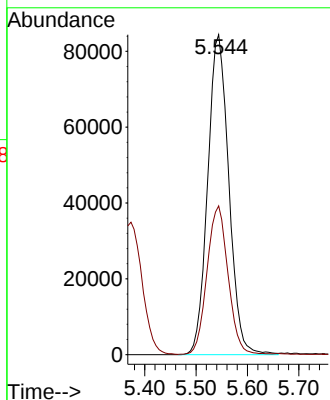
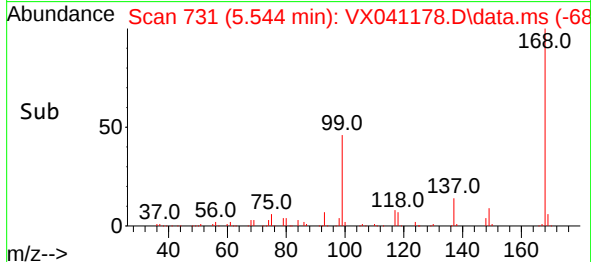
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 240714
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0

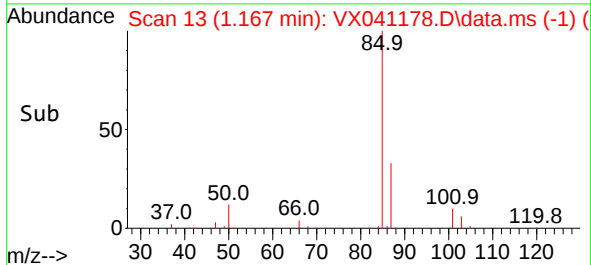
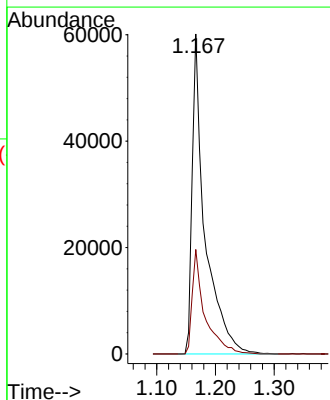
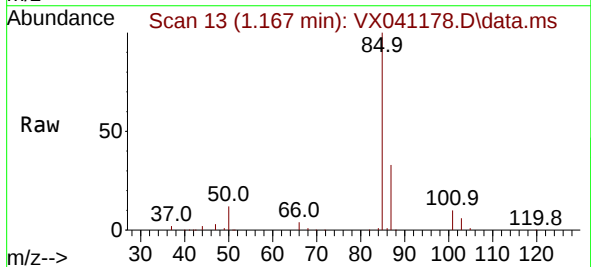
Manual Integrations
APPROVED

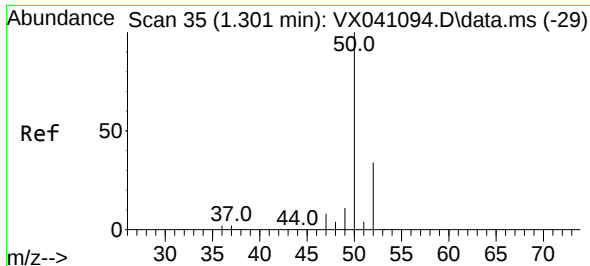
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#2
Dichlorodifluoromethane
Concen: 47.452 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

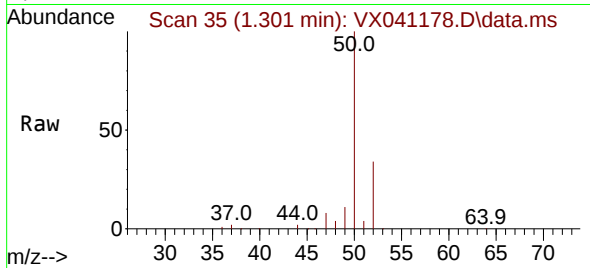
Tgt Ion: 85 Resp: 90600
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 42.643 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

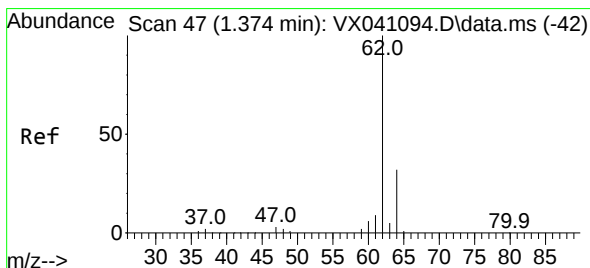
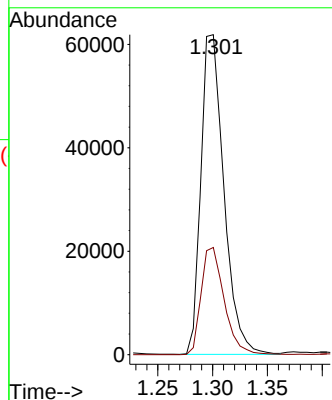
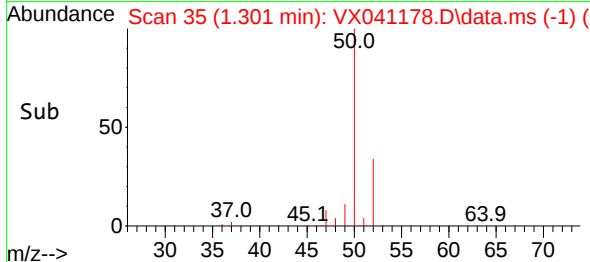
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 90485
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

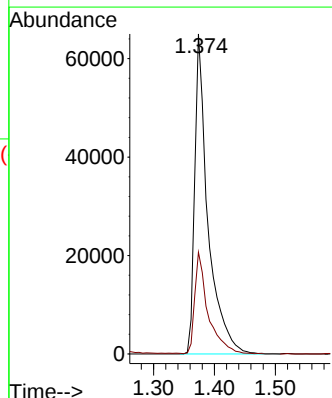
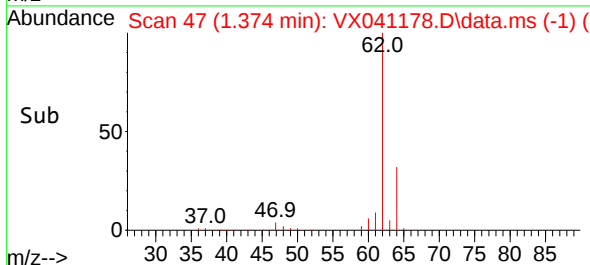
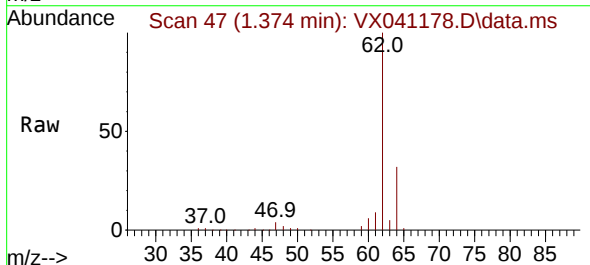
Manual Integrations
APPROVED

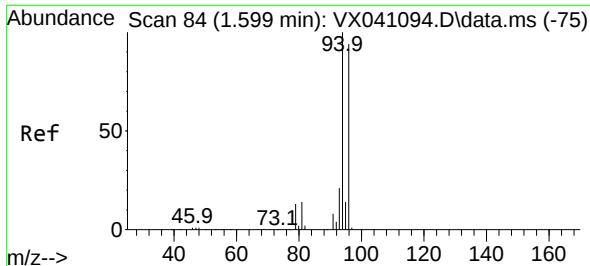
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#4
Vinyl Chloride
Concen: 40.176 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

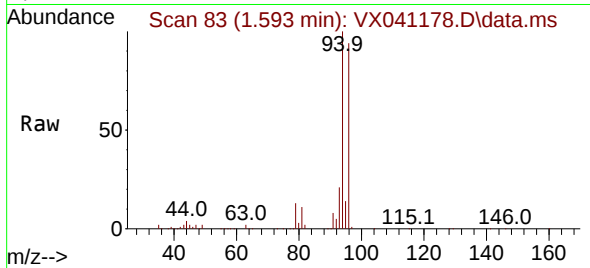
Tgt Ion: 62 Resp: 97710
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 33.904 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

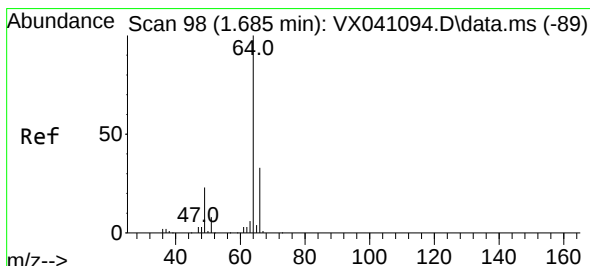
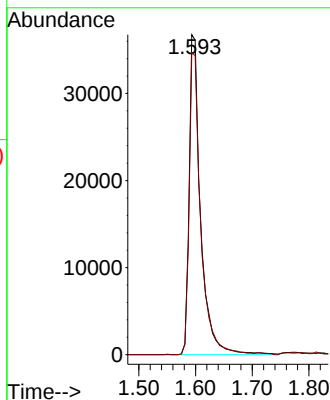
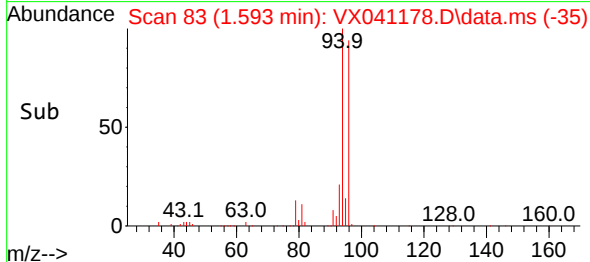
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 51694
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

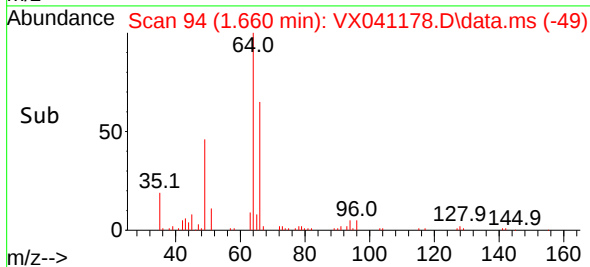
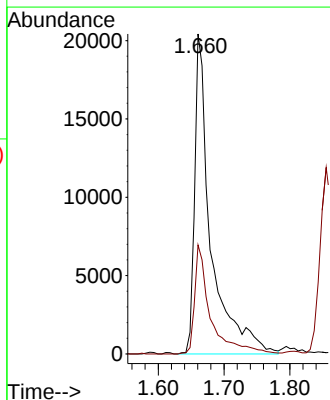
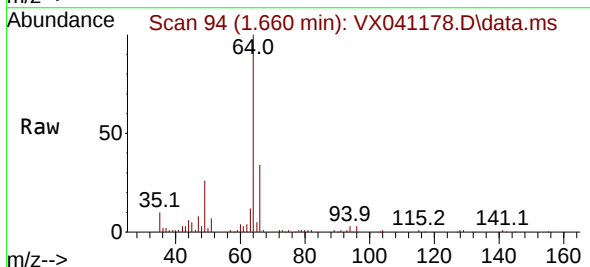
Manual Integrations
APPROVED

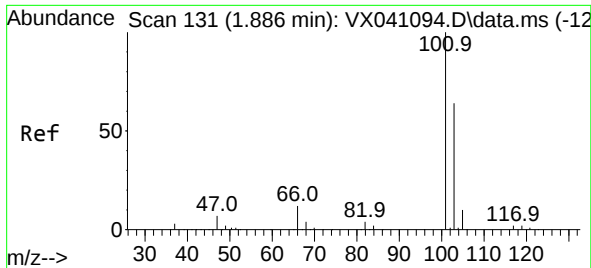
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#6
Chloroethane
Concen: 21.927 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

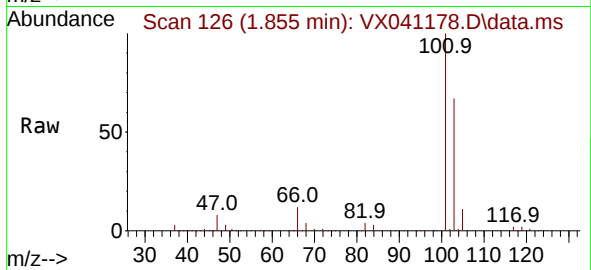
Tgt Ion: 64 Resp: 35200
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 40.286 ug/l
RT: 1.855 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

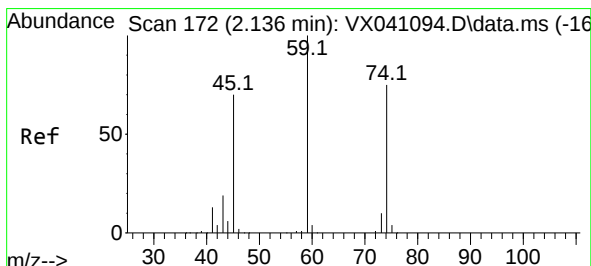
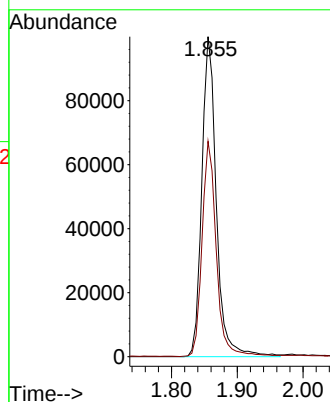
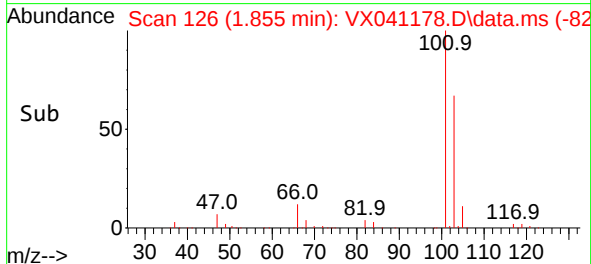
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 15378
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.2

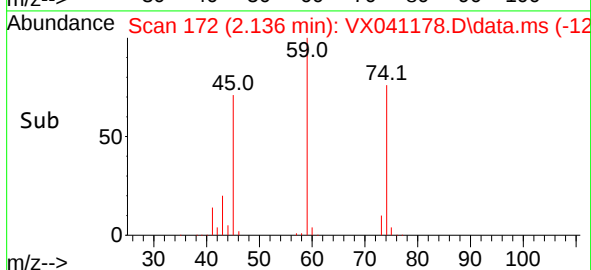
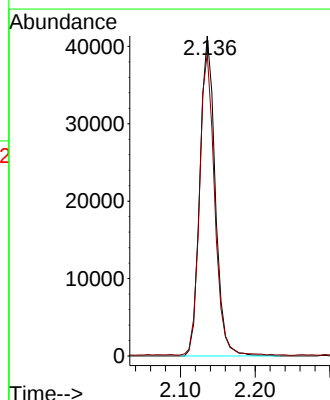
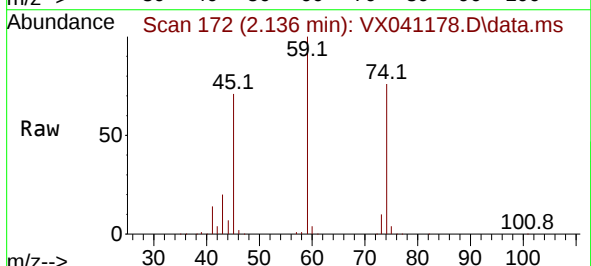
Manual Integrations
APPROVED

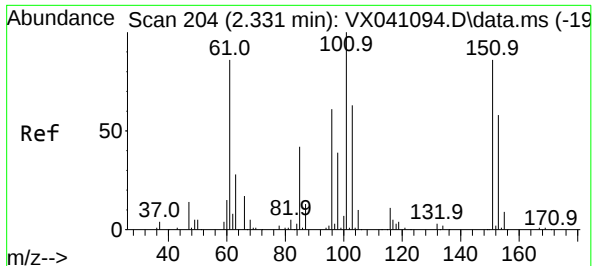
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#8
Diethyl Ether
Concen: 39.133 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 74 Resp: 58623
Ion Ratio Lower Upper
74 100
45 93.5 53.3 159.8





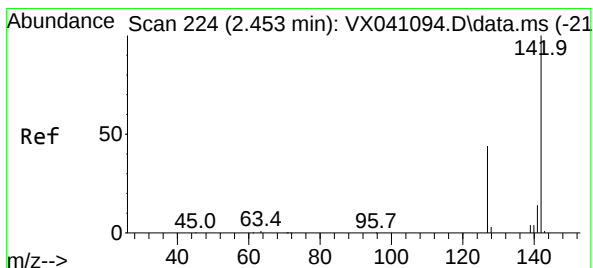
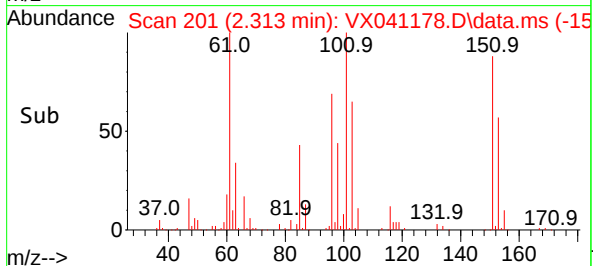
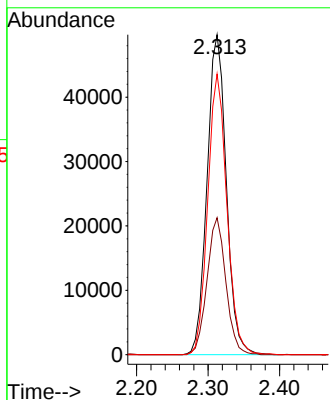
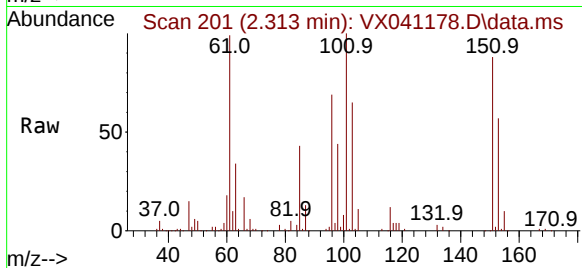
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.900 ug/l
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9298
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 87.2 58.6 87.8

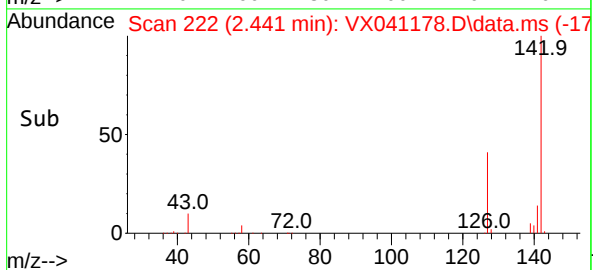
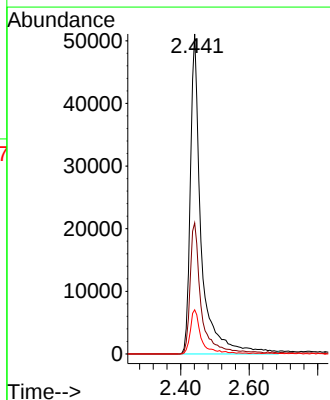
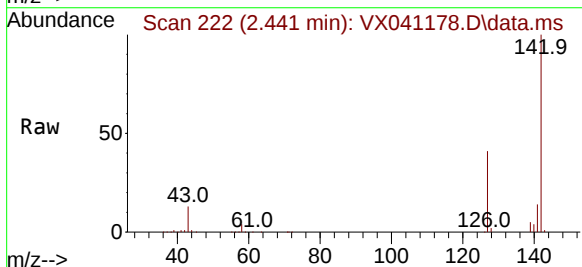
Manual Integrations
APPROVED

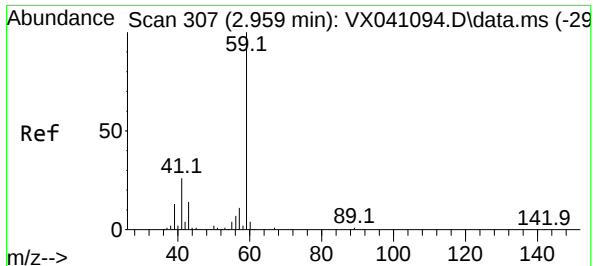
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#10
Methyl Iodide
Concen: 48.578 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion:142 Resp: 113245
Ion Ratio Lower Upper
142 100
127 41.8 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 217.972 ug/l

RT: 3.038 min Scan# 307

Delta R.T. 0.079 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 11082

Ion Ratio Lower Upper

59 100

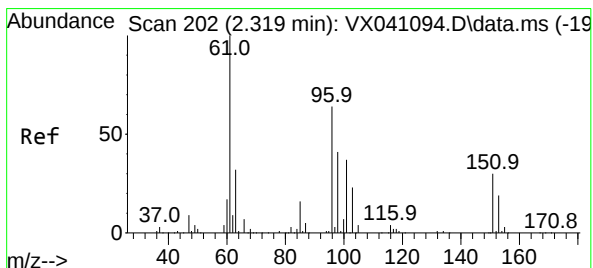
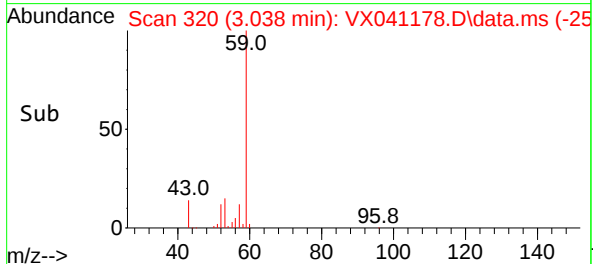
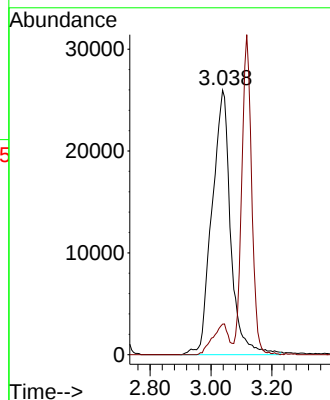
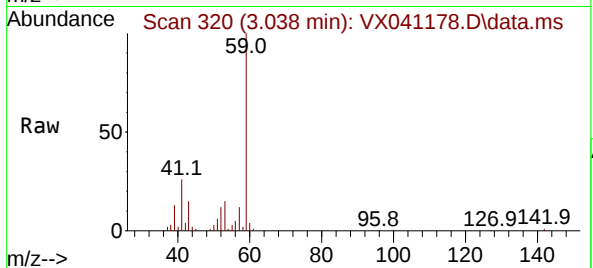
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#12

1,1-Dichloroethene

Concen: 38.224 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.018 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

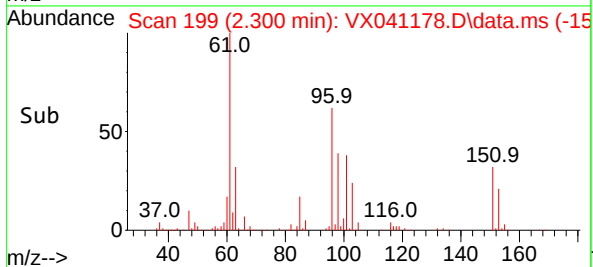
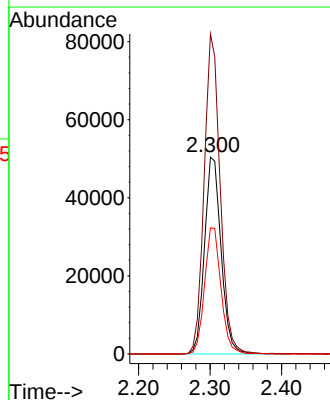
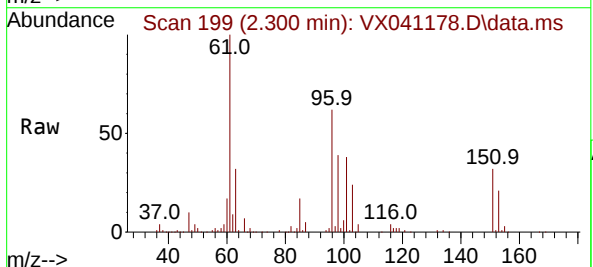
Tgt Ion: 96 Resp: 81207

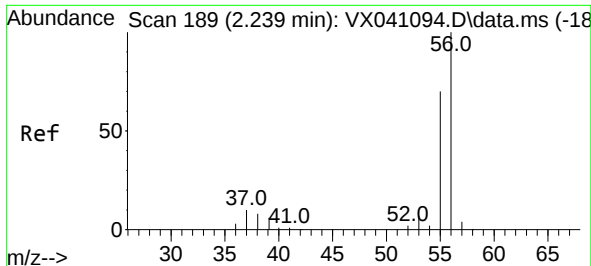
Ion Ratio Lower Upper

96 100

61 162.6 144.6 216.8

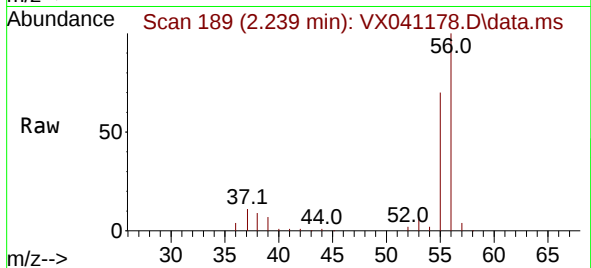
98 64.1 50.4 75.6





#13
Acrolein
Concen: 184.954 ug/l
RT: 2.239 min Scan# 11826
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

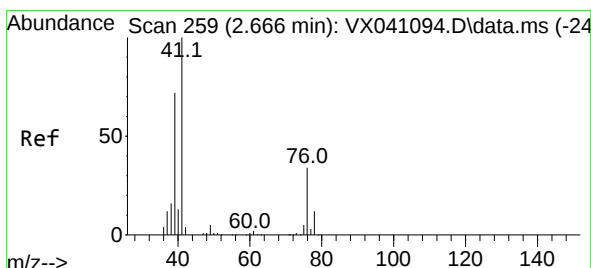
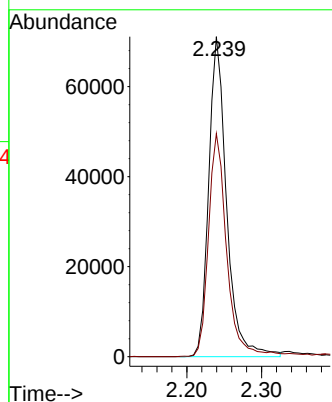
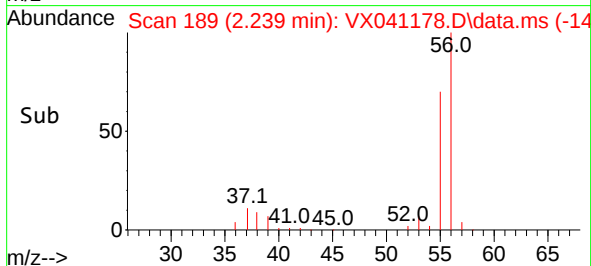
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11826
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

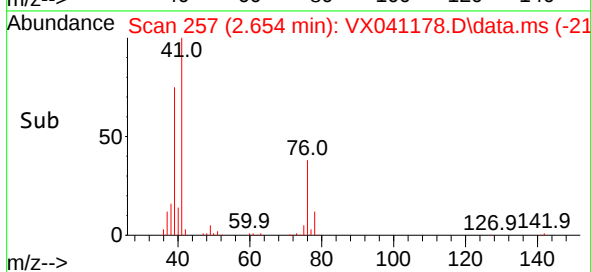
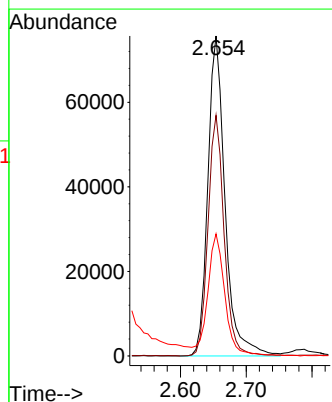
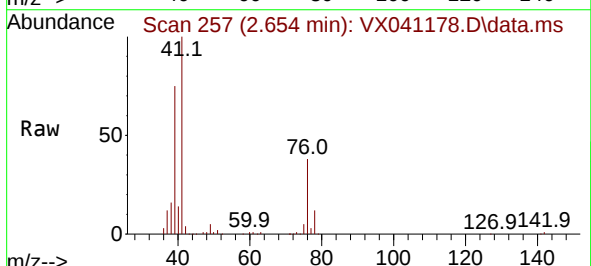
Manual Integrations
APPROVED

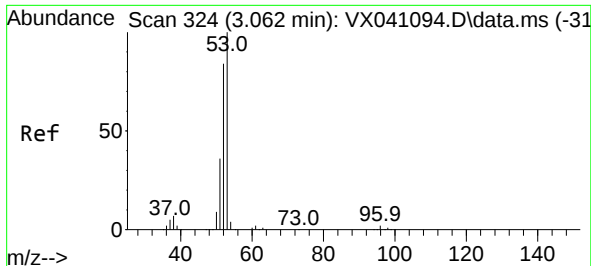
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#14
Allyl chloride
Concen: 40.198 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

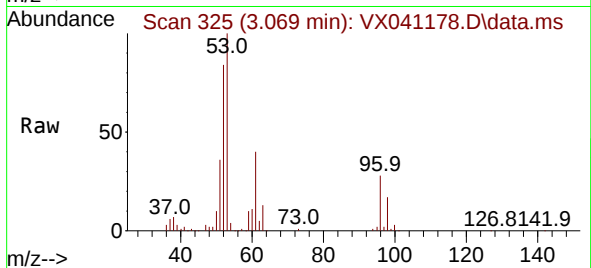
Tgt Ion: 41 Resp: 138118
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 38.3 24.3 36.5





#15
Acrylonitrile
Concen: 215.576 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

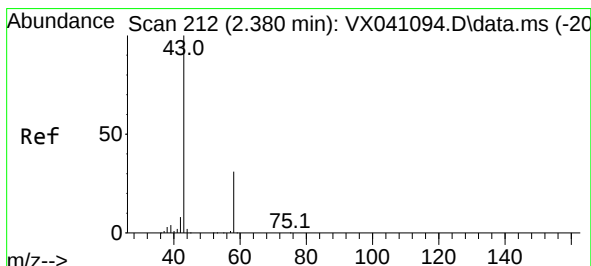
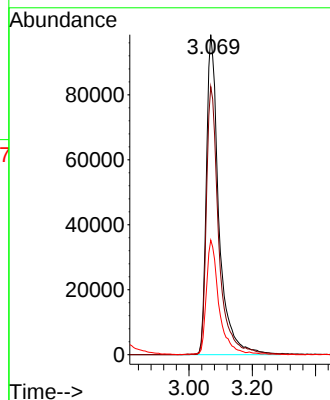
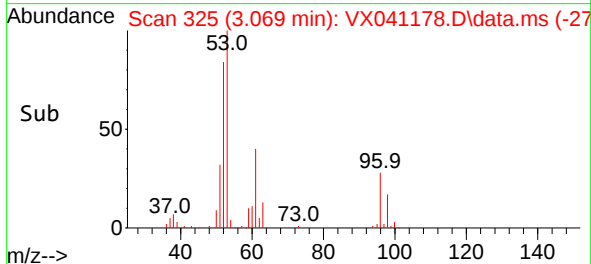
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 27137
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 35.9 29.8 44.6

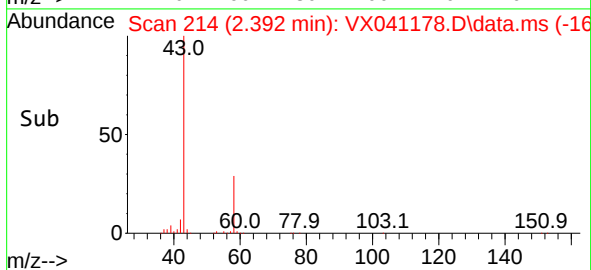
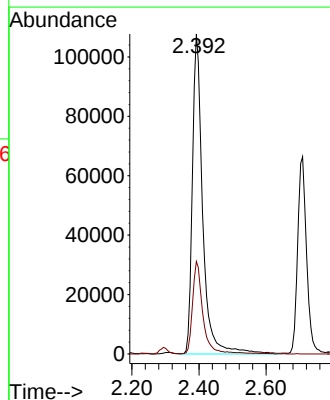
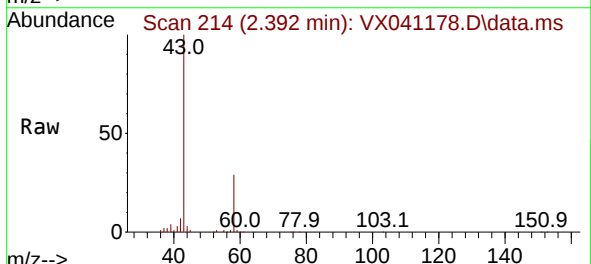
Manual Integrations
APPROVED

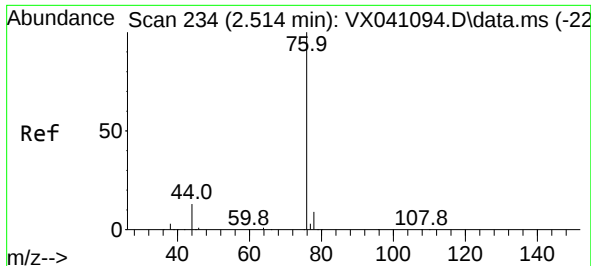
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#16
Acetone
Concen: 211.106 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 43 Resp: 230604
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9





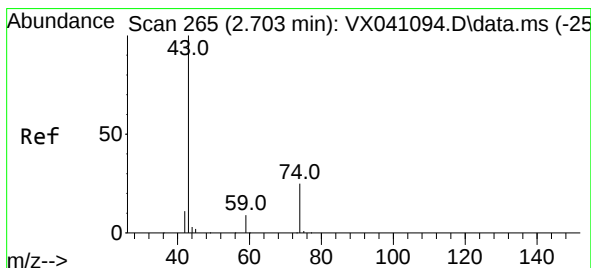
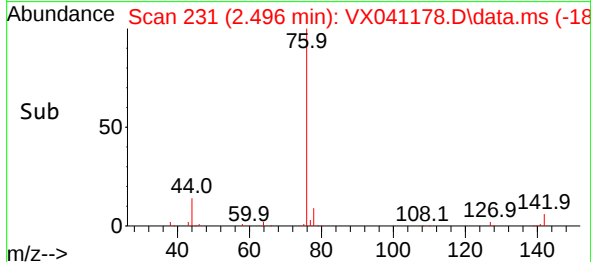
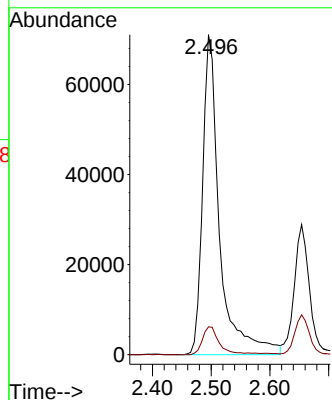
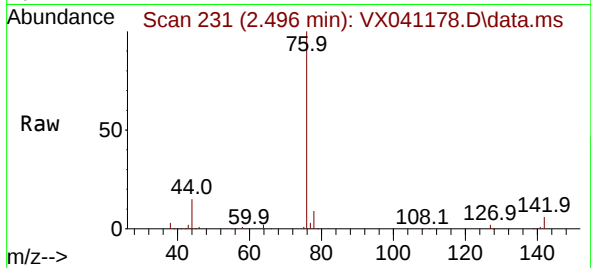
#17
Carbon Disulfide
Concen: 29.537 ug/l
RT: 2.496 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 142844
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

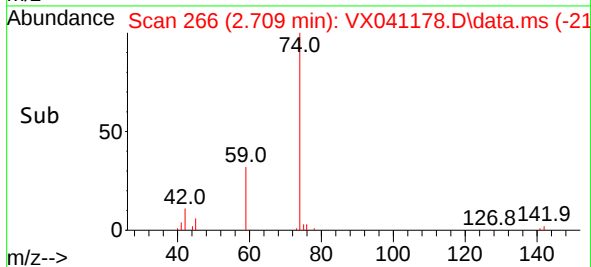
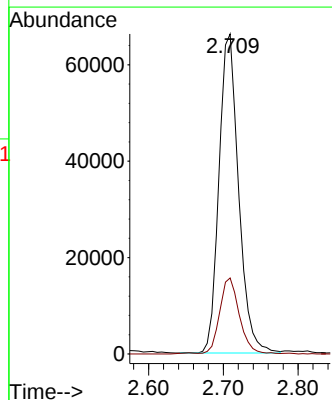
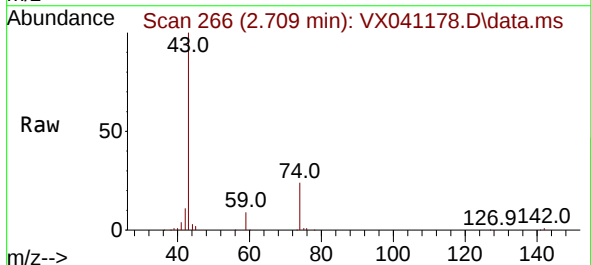
Manual Integrations
APPROVED

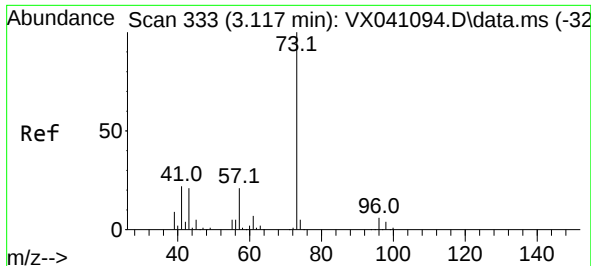
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#18
Methyl Acetate
Concen: 44.380 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

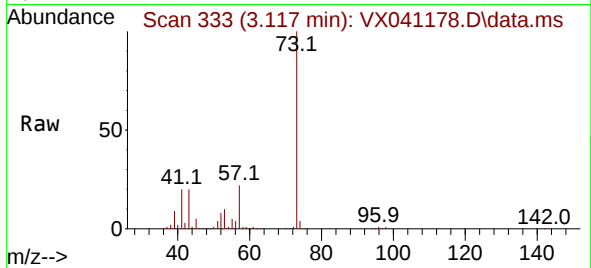
Tgt Ion: 43 Resp: 121029
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.373 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

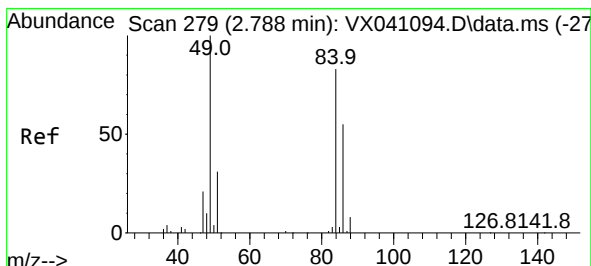
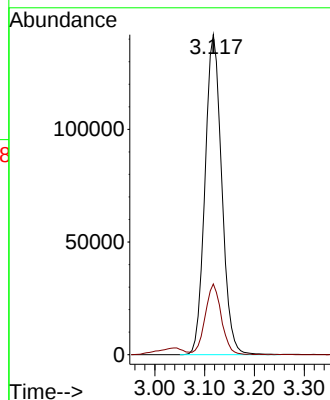
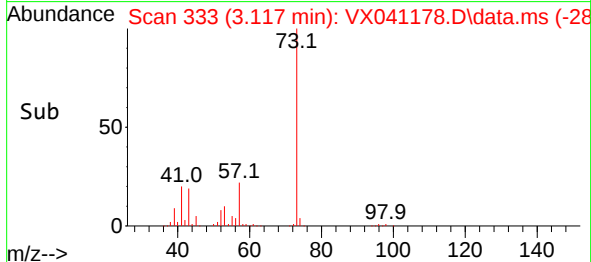
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 330780
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

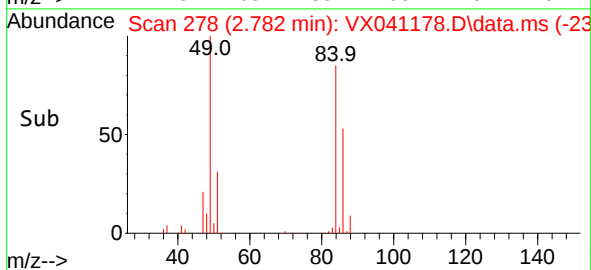
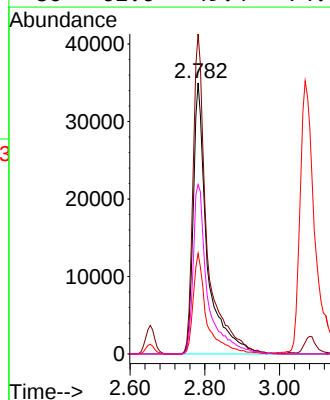
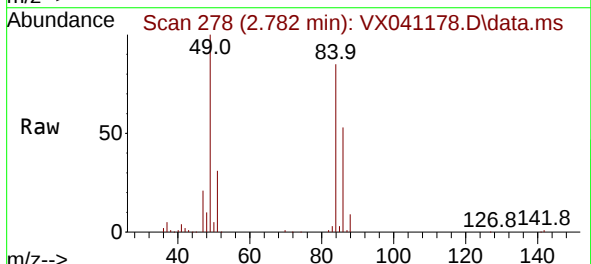
Manual Integrations
APPROVED

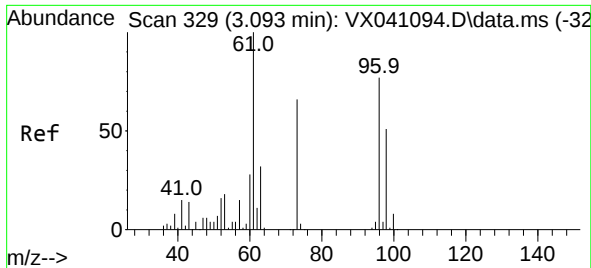
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#20
Methylene Chloride
Concen: 38.972 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 84 Resp: 90839
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 37.1 33.8 50.6
86 62.6 49.4 74.0





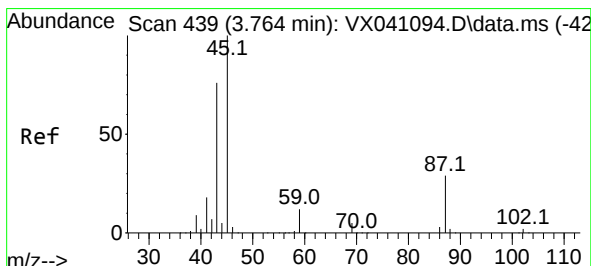
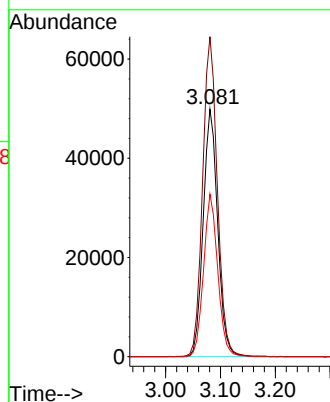
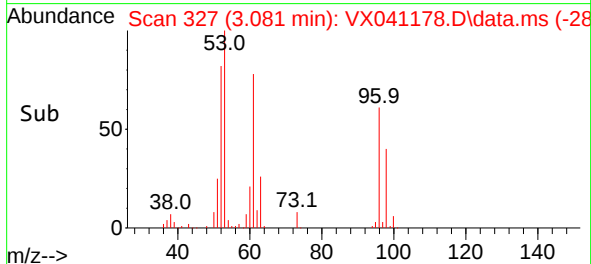
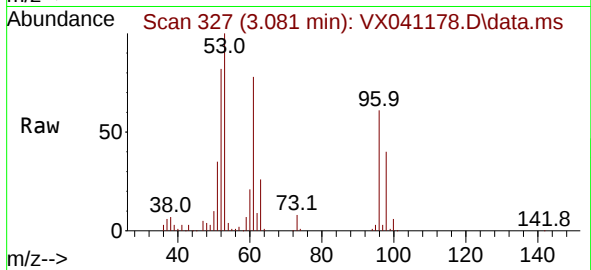
#21
trans-1,2-Dichloroethene
Concen: 42.070 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 9168
Ion Ratio Lower Upper
96 100
61 129.2 119.2 178.8
98 65.7 48.7 73.1

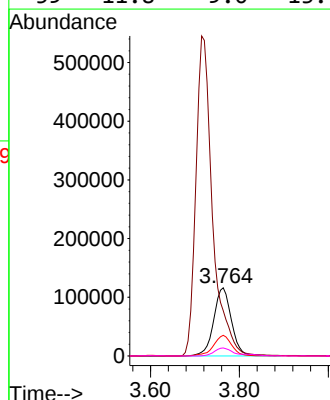
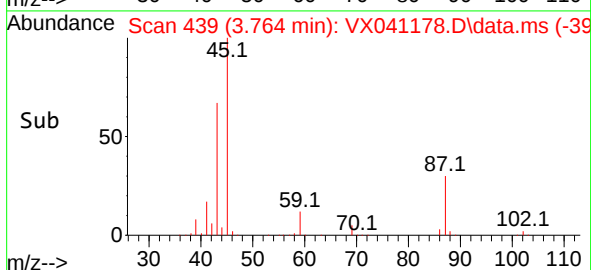
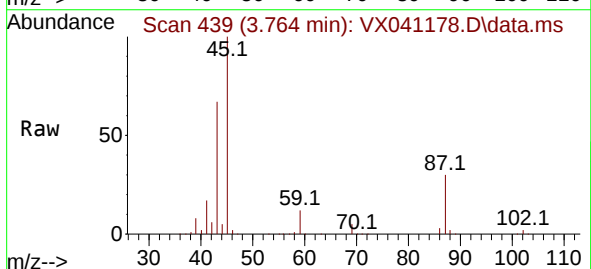
Manual Integrations
APPROVED

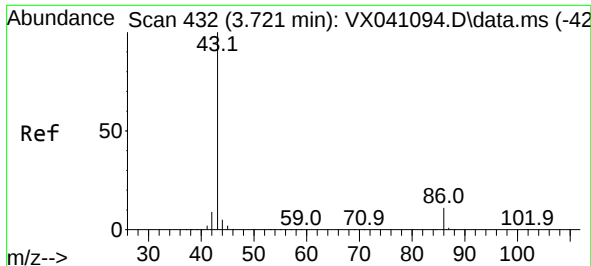
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#22
Diisopropyl ether
Concen: 48.830 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 45 Resp: 321311
Ion Ratio Lower Upper
45 100
43 66.5 69.7 104.5#
87 30.4 20.8 31.2
59 11.8 9.0 13.4





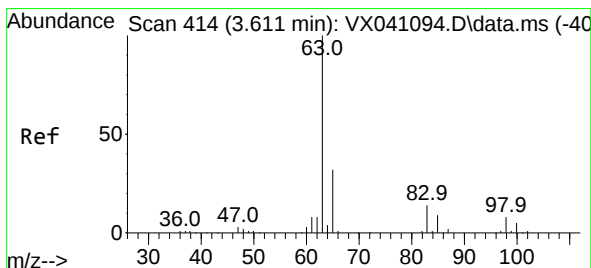
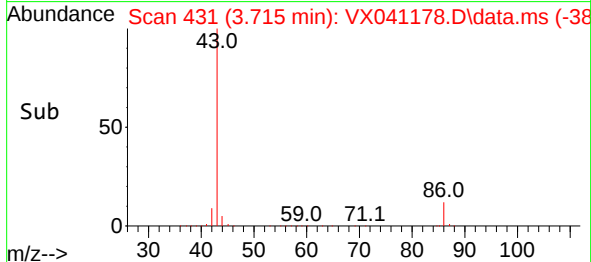
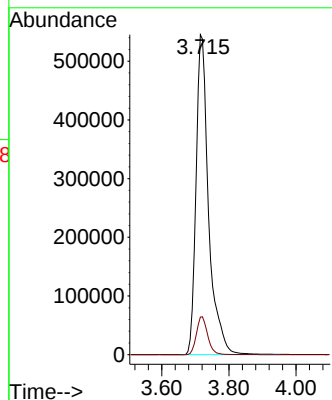
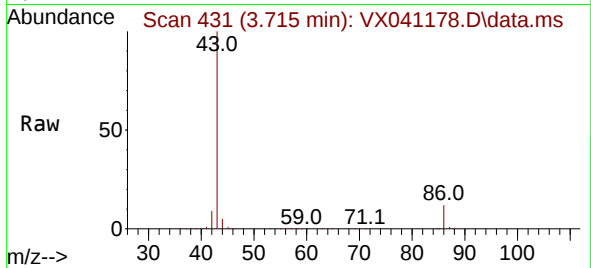
#23
 Vinyl Acetate
 Concen: 237.865 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX041178.D
 Acq: 19 Apr 2024 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 141848
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

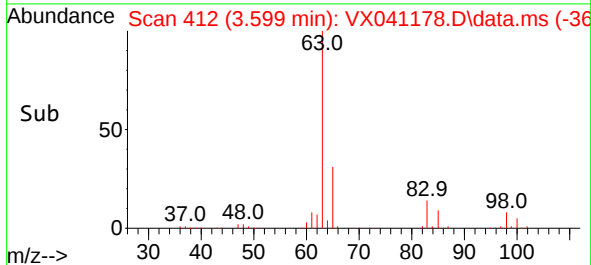
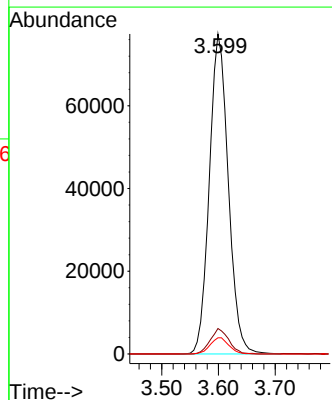
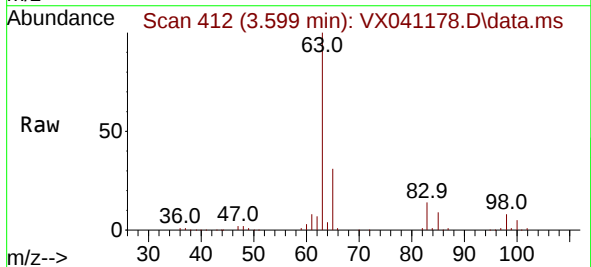
Manual Integrations
 APPROVED

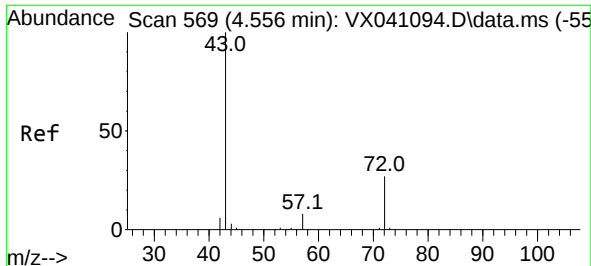
Reviewed By :John Carlone 04/22/2024
 Supervised By :Mahesh Dadoda 04/22/2024



#24
 1,1-Dichloroethane
 Concen: 46.700 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.012 min
 Lab File: VX041178.D
 Acq: 19 Apr 2024 15:46

Tgt Ion: 63 Resp: 179917
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 5.1 2.1 6.5





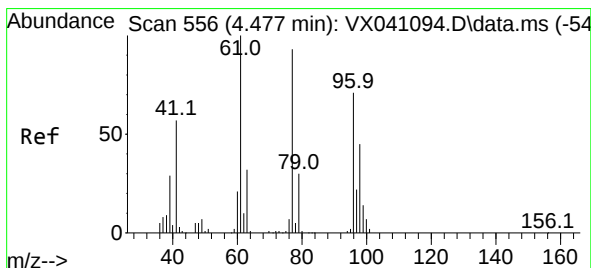
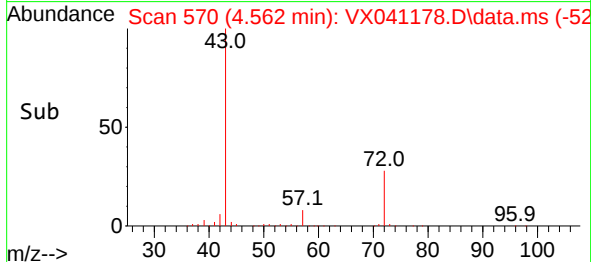
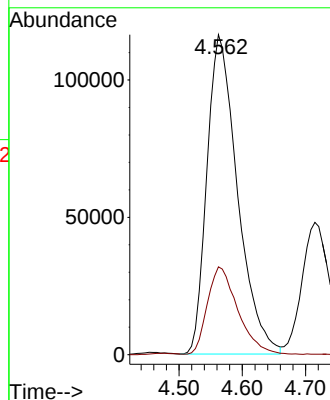
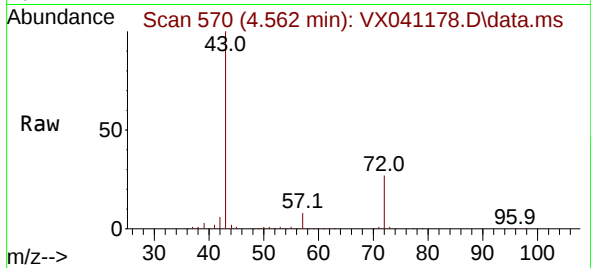
#25
2-Butanone
Concen: 227.343 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 390189
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

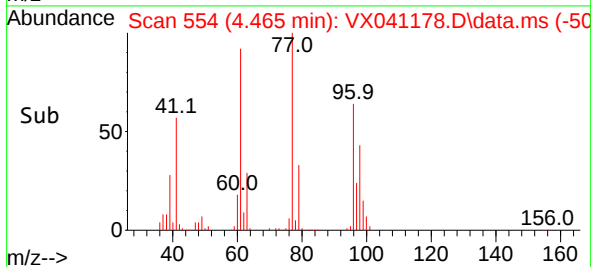
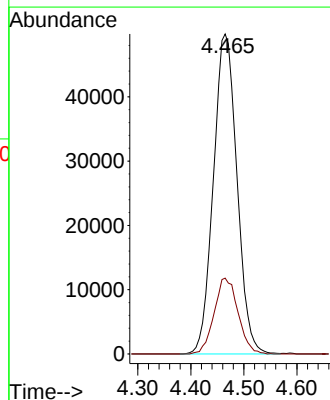
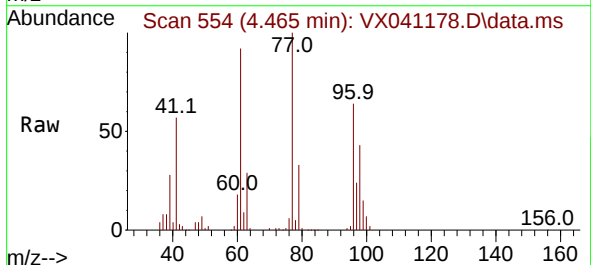
Manual Integrations
APPROVED

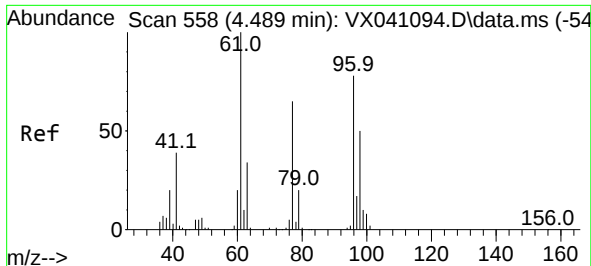
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#26
2,2-Dichloropropane
Concen: 50.333 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 77 Resp: 153920
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.769 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 12313

Ion Ratio Lower Upper

96 100

61 133.5 0.0 312.2

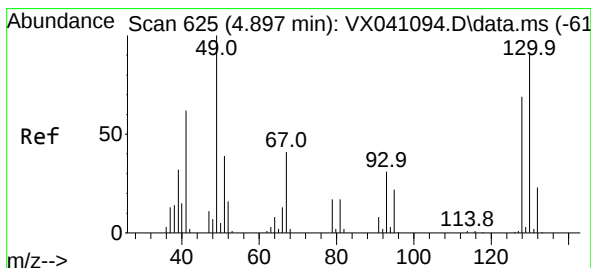
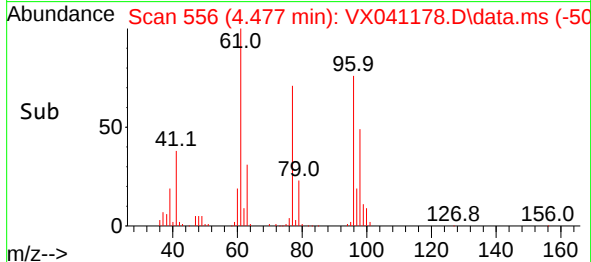
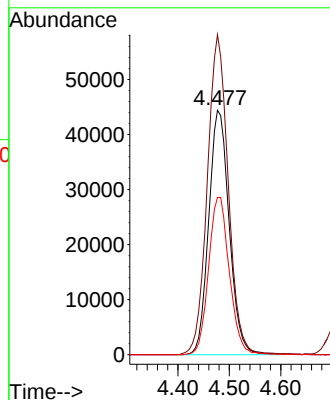
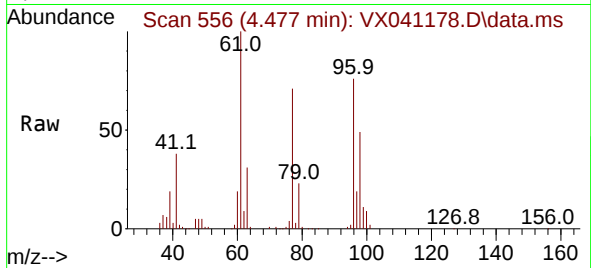
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#28

Bromochloromethane

Concen: 45.619 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

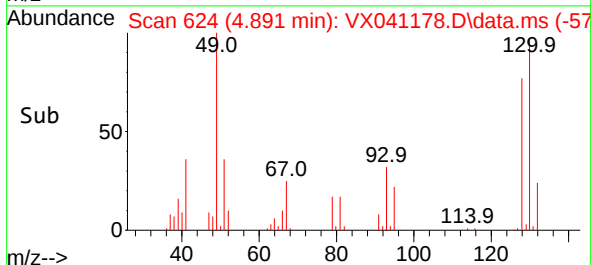
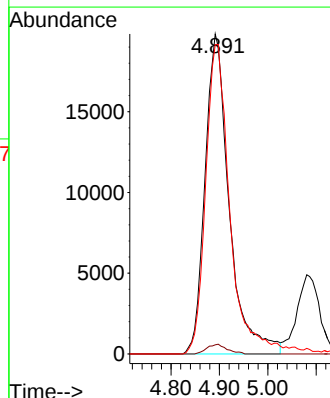
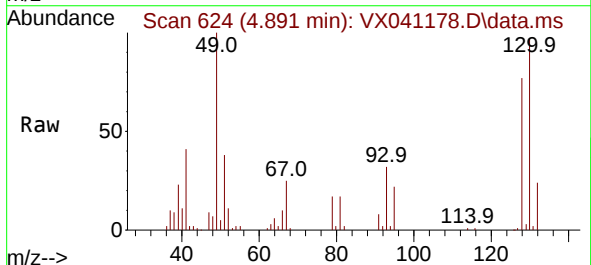
Tgt Ion: 49 Resp: 68629

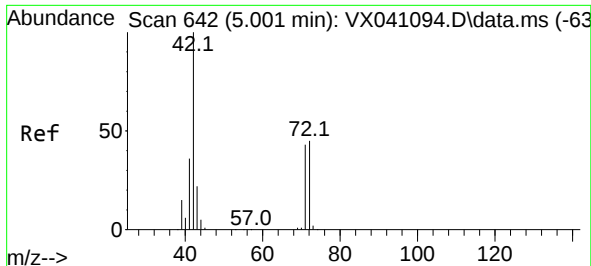
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

130 97.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 225.185 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX041178.D

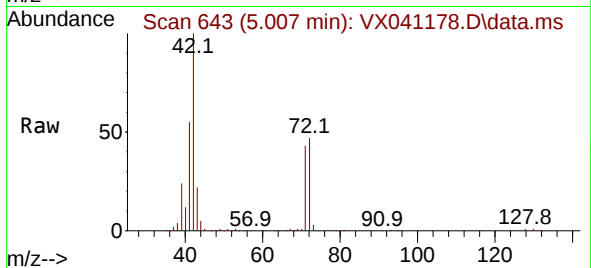
Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 25586

Ion Ratio Lower Upper

42 100

72 47.4 34.2 51.4

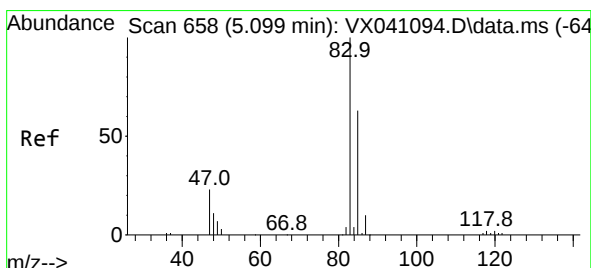
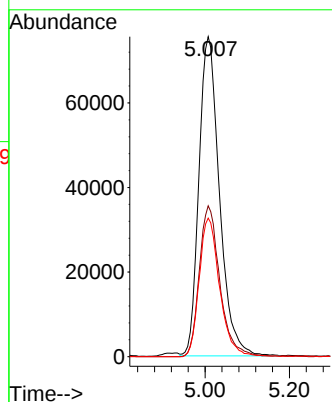
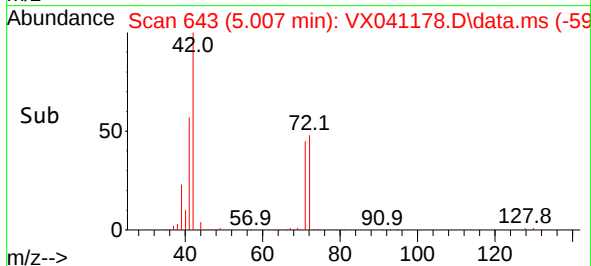
71 43.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#30

Chloroform

Concen: 45.836 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX041178.D

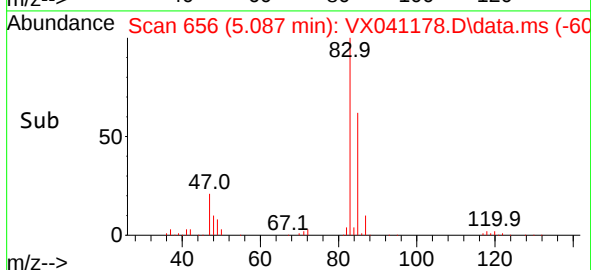
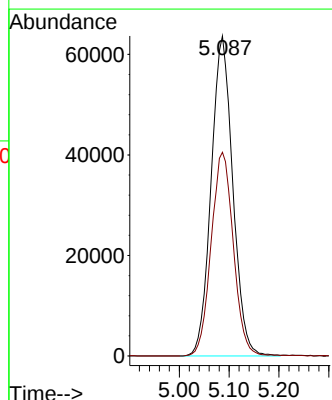
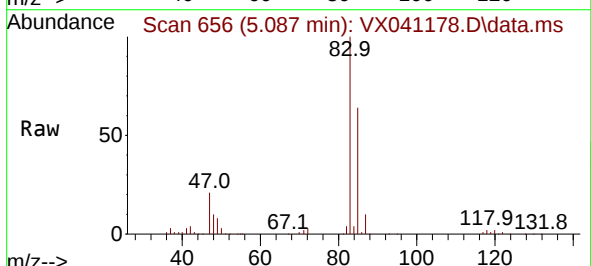
Acq: 19 Apr 2024 15:46

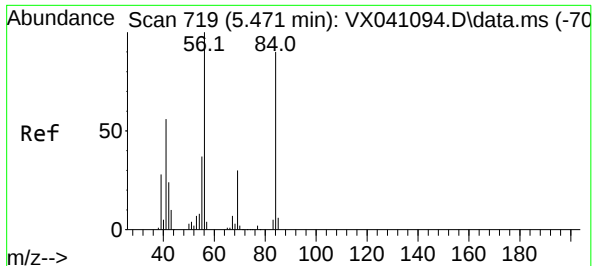
Tgt Ion: 83 Resp: 191888

Ion Ratio Lower Upper

83 100

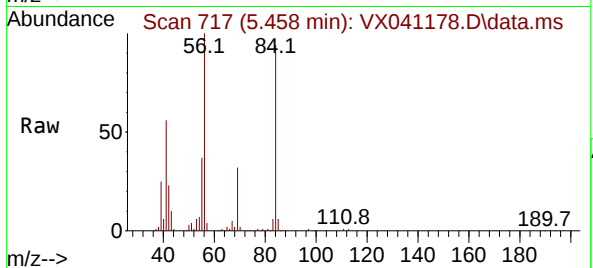
85 63.7 50.3 75.5





#31
Cyclohexane
Concen: 45.867 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

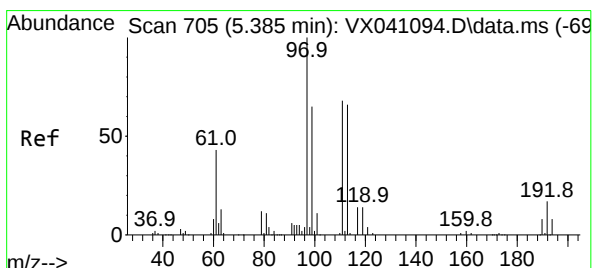
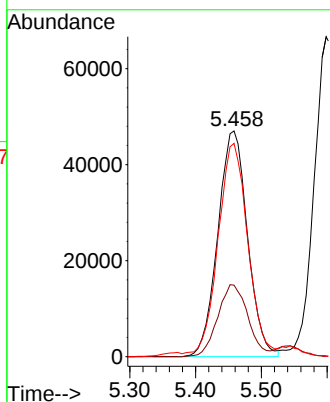
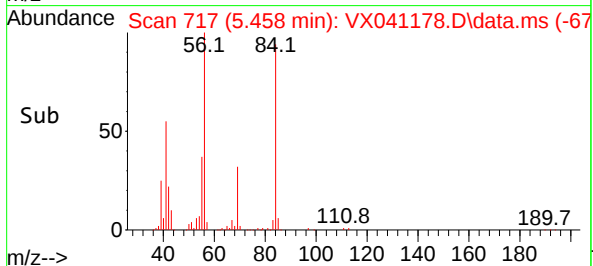
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14766
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 92.6 65.9 98.9

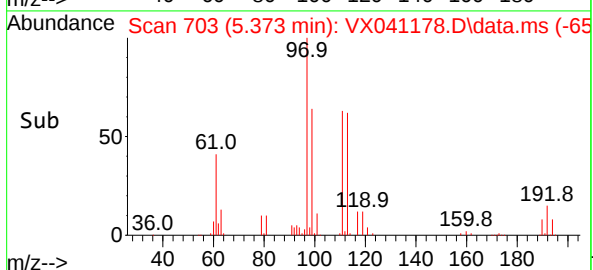
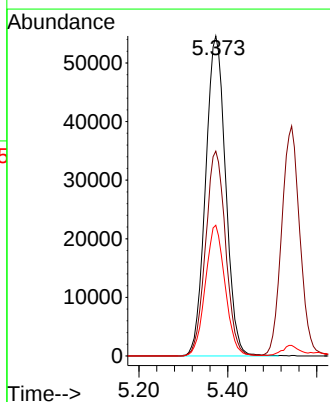
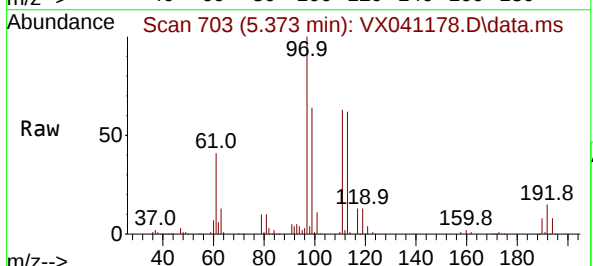
Manual Integrations
APPROVED

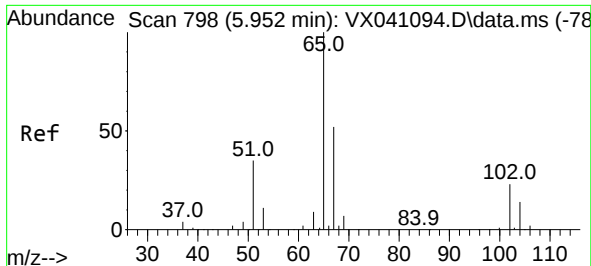
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#32
1,1,1-Trichloroethane
Concen: 46.587 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 97 Resp: 171160
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 40.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.119 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 117258

Ion Ratio Lower Upper

65 100

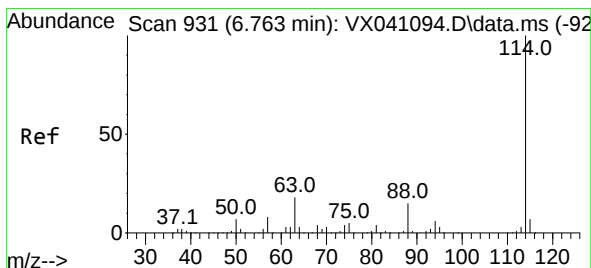
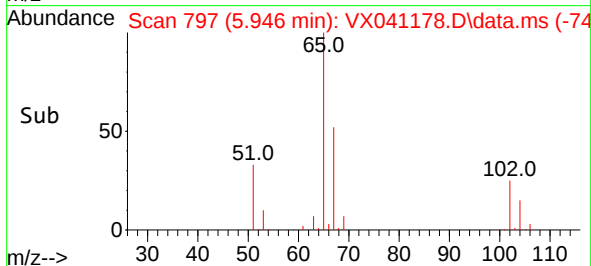
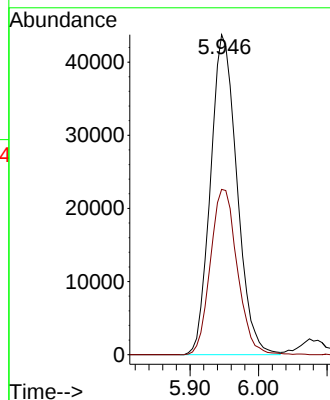
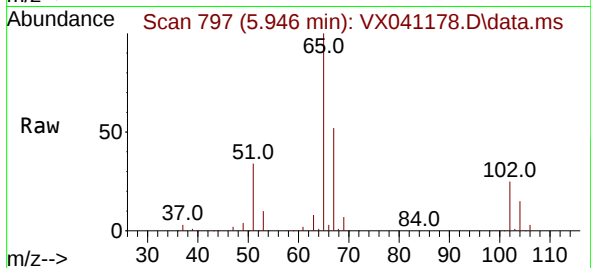
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

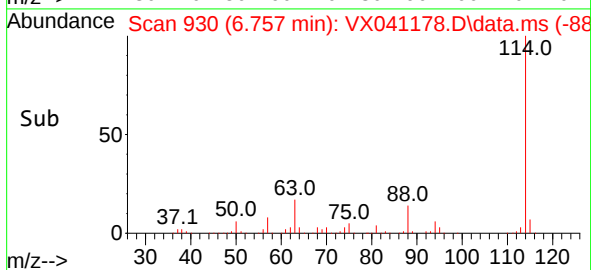
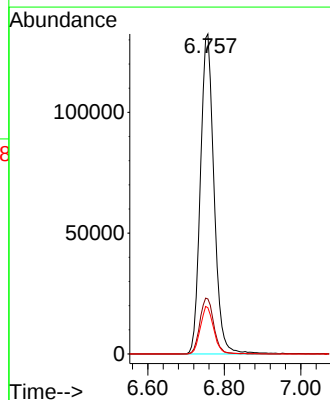
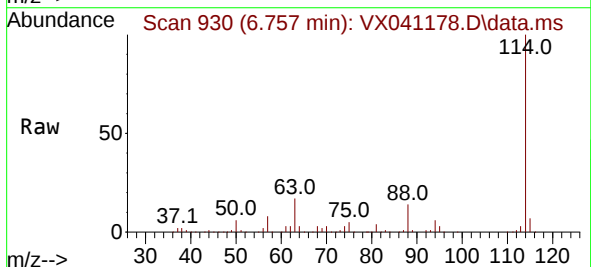
Tgt Ion:114 Resp: 326844

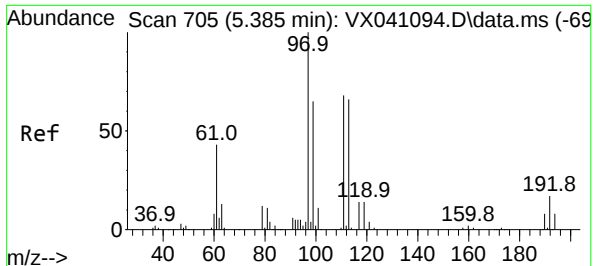
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.982 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041178.D

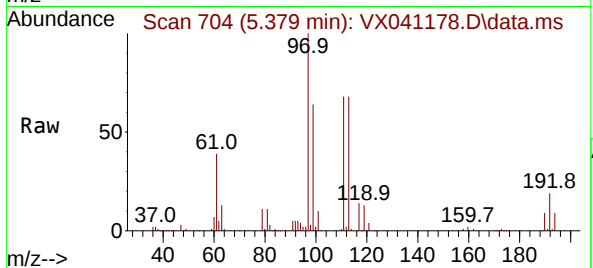
Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 104762

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

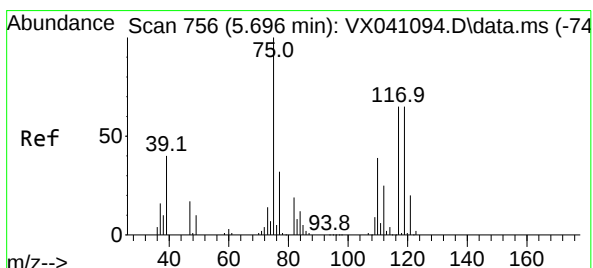
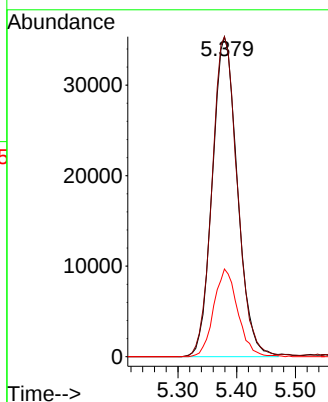
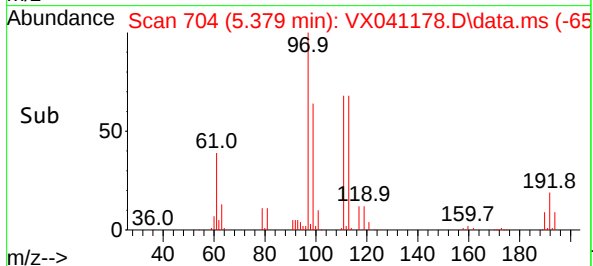
192 26.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#36

1,1-Dichloropropene

Concen: 45.889 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

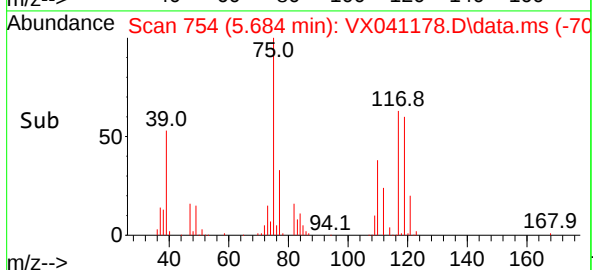
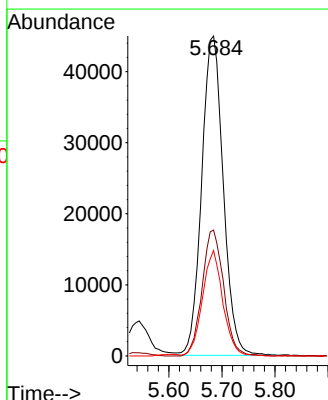
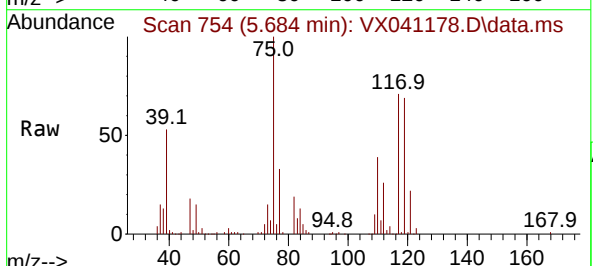
Tgt Ion: 75 Resp: 126848

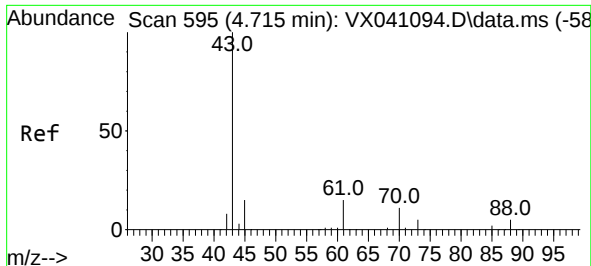
Ion Ratio Lower Upper

75 100

110 39.4 17.0 50.9

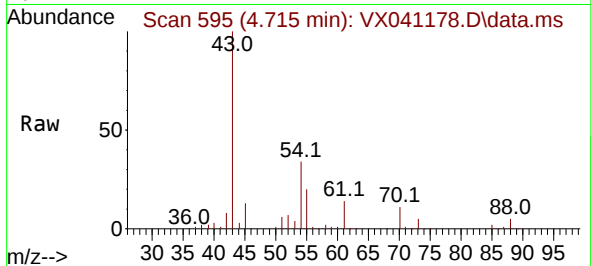
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 45.788 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

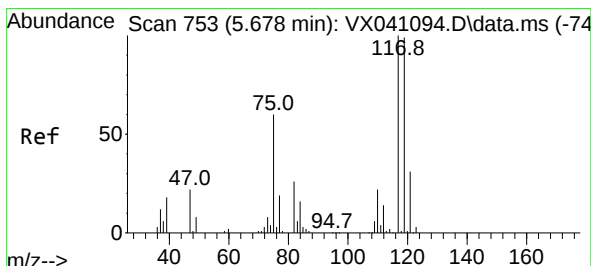
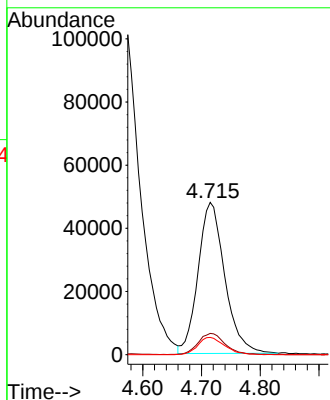
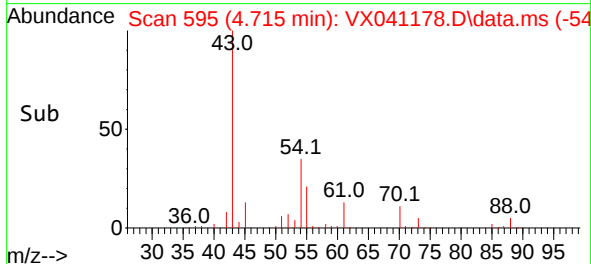
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 151150
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 11.5 8.3 12.5

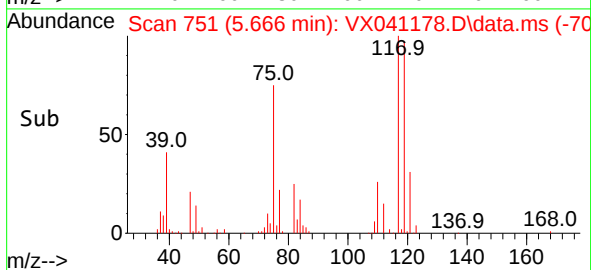
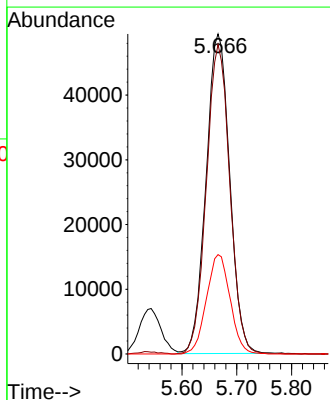
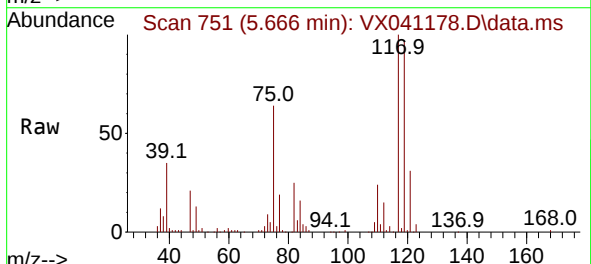
Manual Integrations
APPROVED

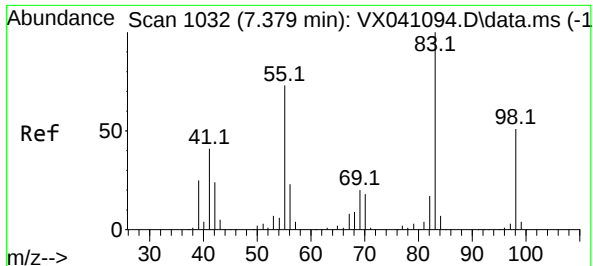
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#38
Carbon Tetrachloride
Concen: 46.164 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion:117 Resp: 147965
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.2
121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 49.392 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 171314

Ion Ratio Lower Upper

83 100

55 72.1 64.6 97.0

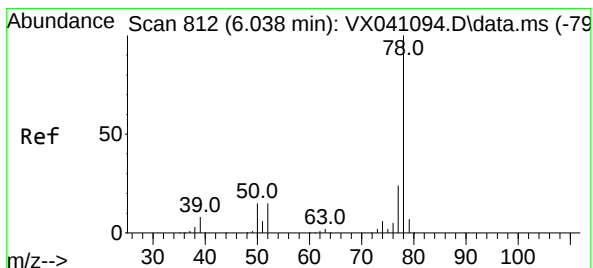
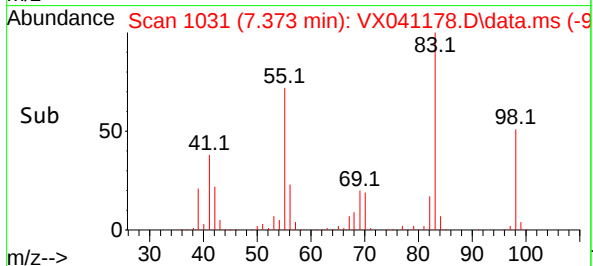
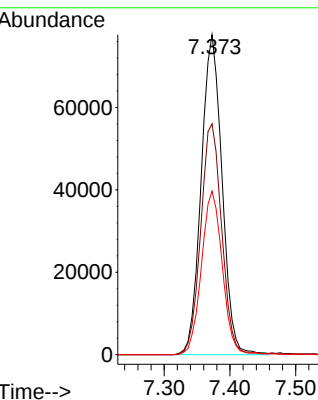
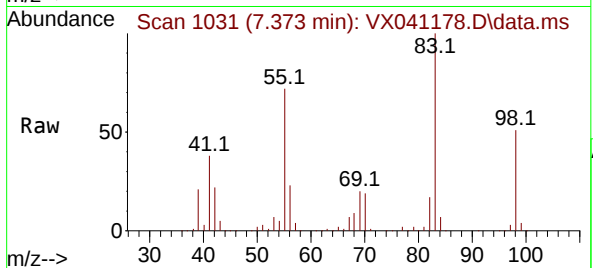
98 51.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#40

Benzene

Concen: 47.374 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX041178.D

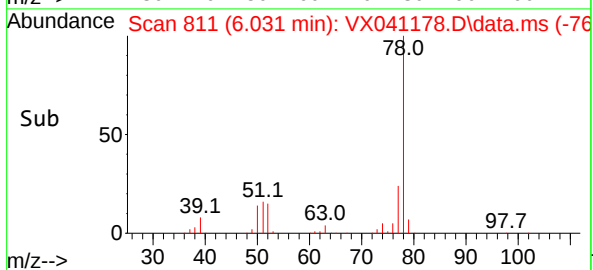
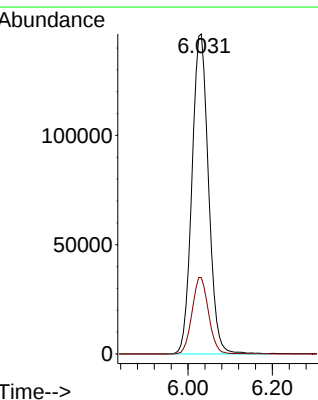
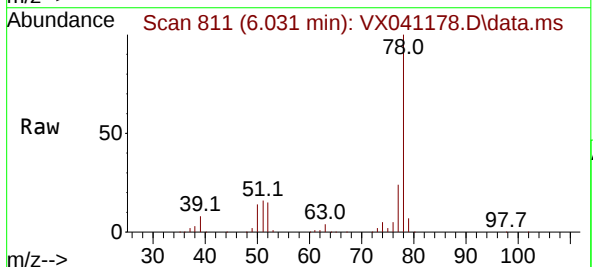
Acq: 19 Apr 2024 15:46

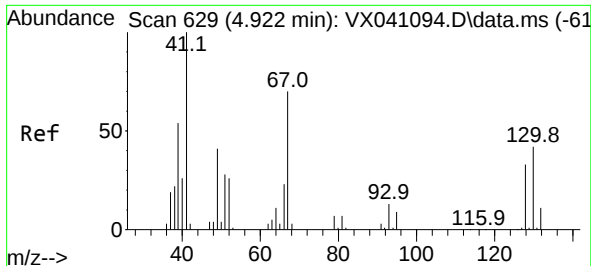
Tgt Ion: 78 Resp: 399740

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





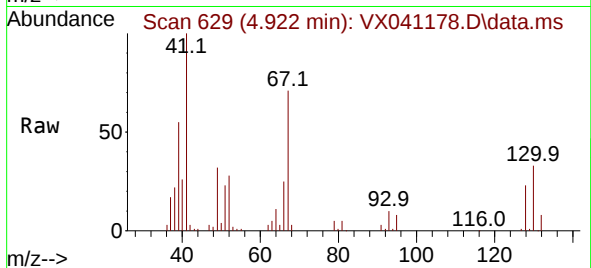
#41
Methacrylonitrile
Concen: 48.575 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



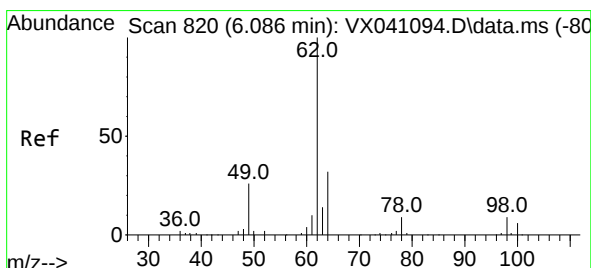
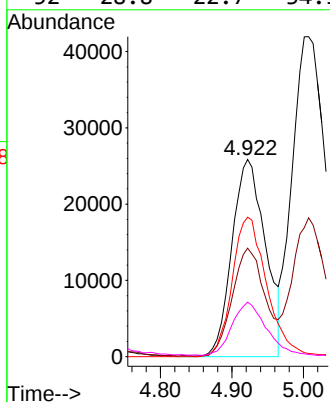
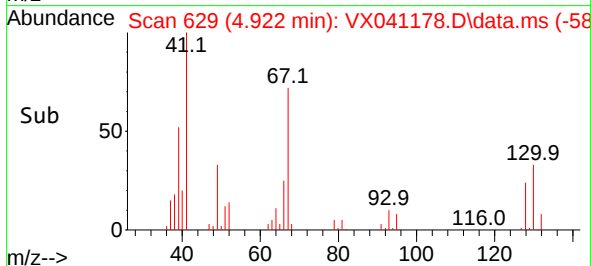
Tgt Ion: 41 Resp: 8403
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 73.8 52.6 78.8
52 28.8 22.7 34.1

Manual Integrations

APPROVED

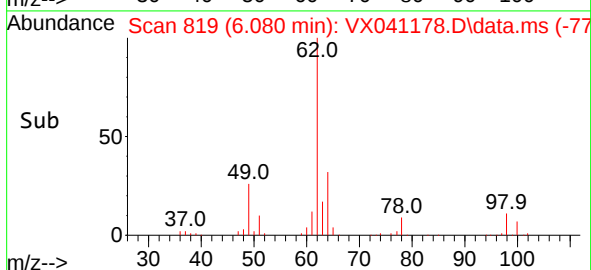
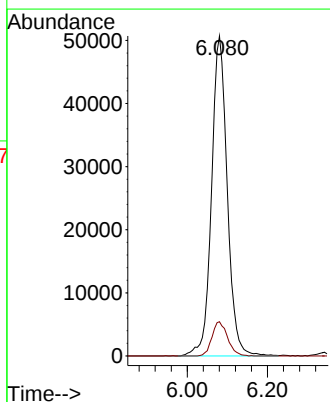
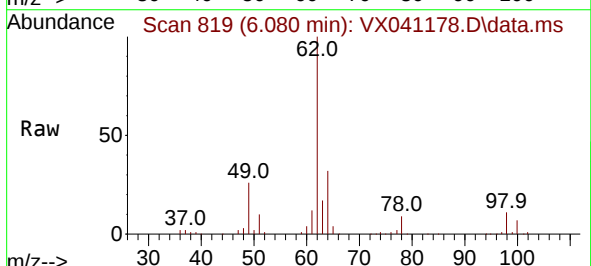
Reviewed By :John Carlone 04/22/2024

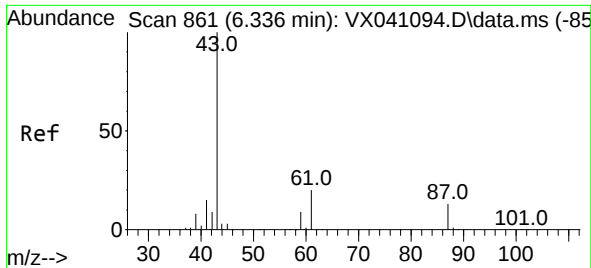
Supervised By :Mahesh Dadoda 04/22/2024



#42
1,2-Dichloroethane
Concen: 45.609 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

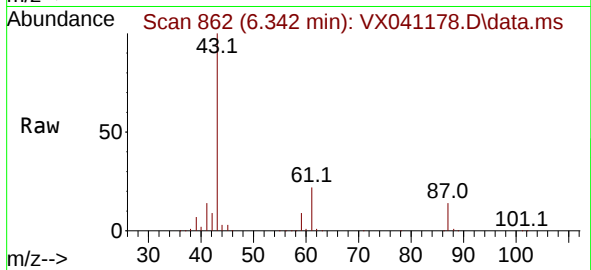
Tgt Ion: 62 Resp: 137904
Ion Ratio Lower Upper
62 100
98 10.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.107 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

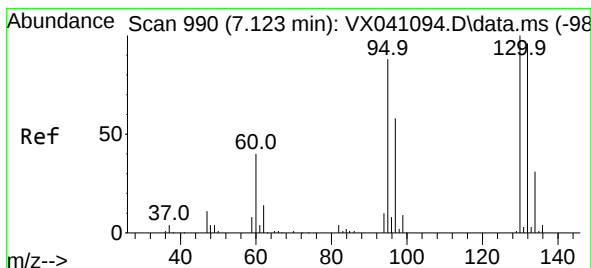
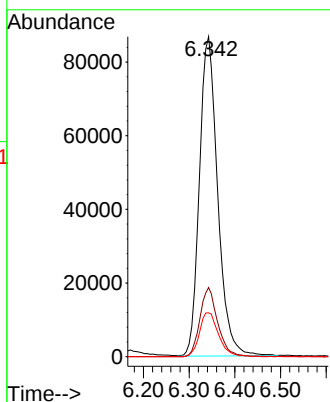
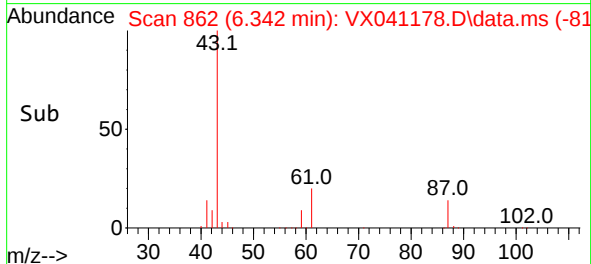
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24072
Ion Ratio Lower Upper
43 100
61 21.1 15.2 22.8
87 14.4 9.8 14.6

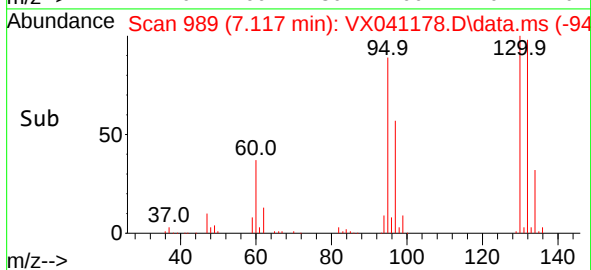
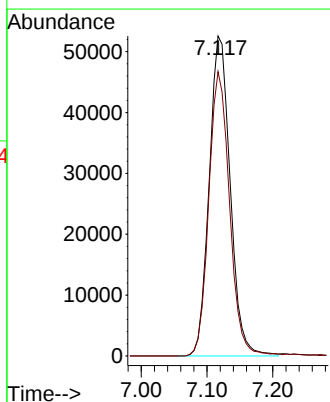
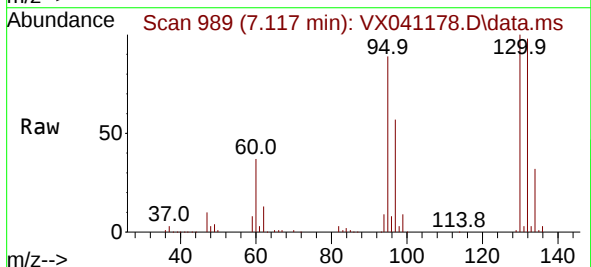
Manual Integrations
APPROVED

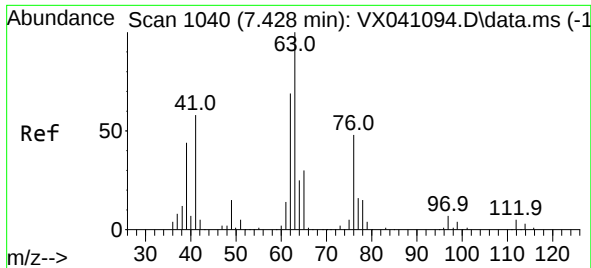
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#44
Trichloroethene
Concen: 46.669 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion:130 Resp: 116962
Ion Ratio Lower Upper
130 100
95 88.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.638 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9745

Ion Ratio Lower Upper

63 100

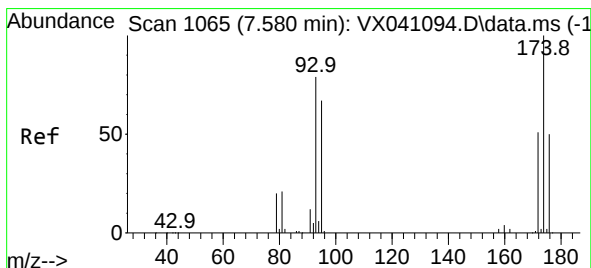
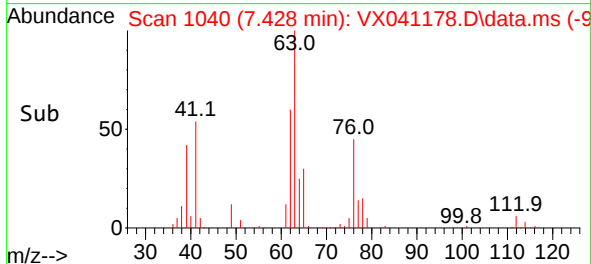
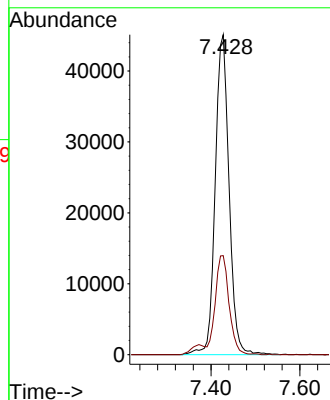
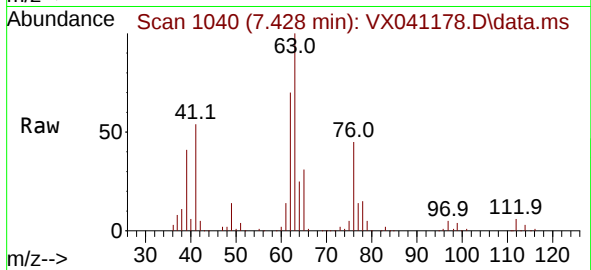
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#46

Dibromomethane

Concen: 46.258 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

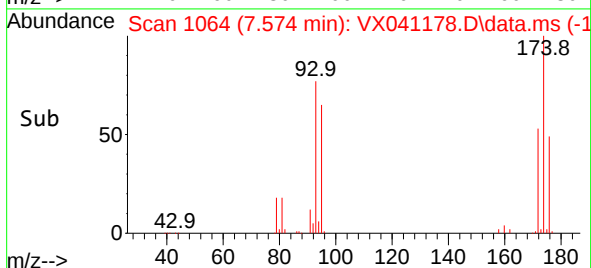
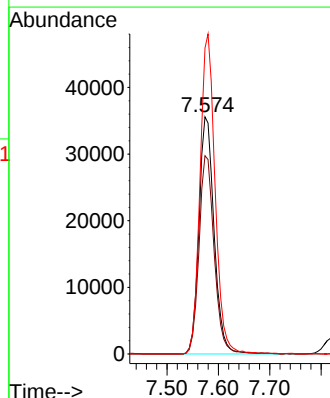
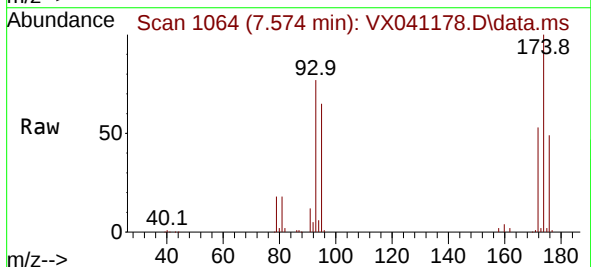
Tgt Ion: 93 Resp: 72873

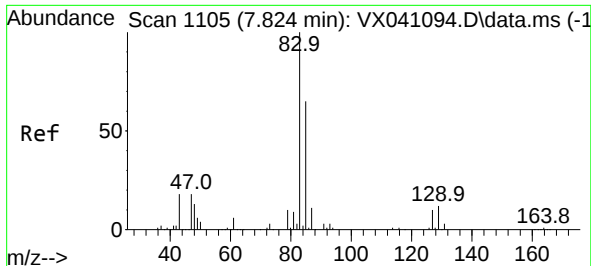
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 134.1 69.4 104.0#





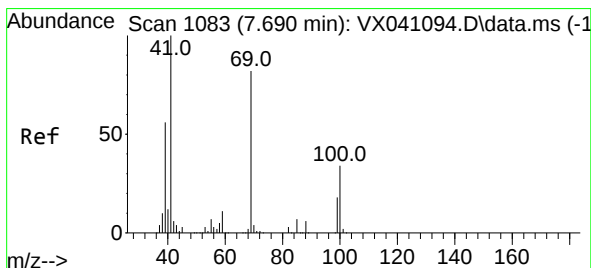
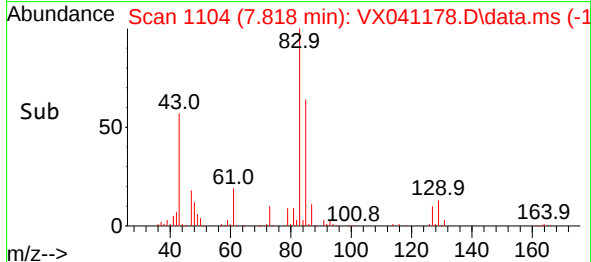
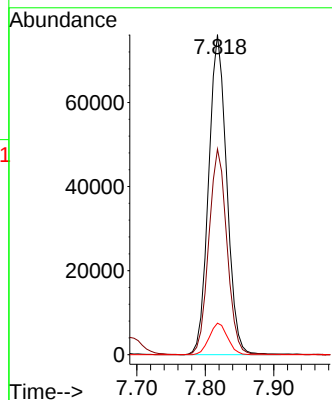
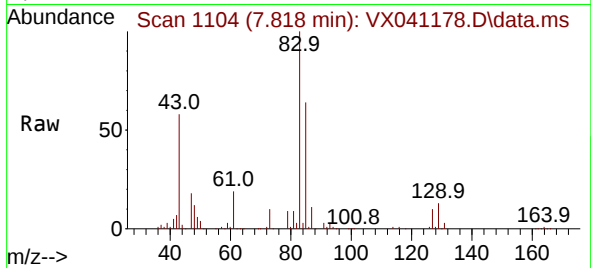
#47
Bromodichloromethane
Concen: 45.654 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13999
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.9 7.1 10.7

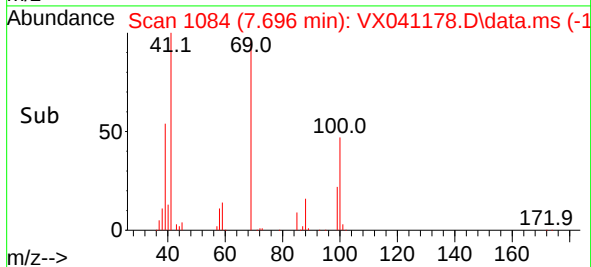
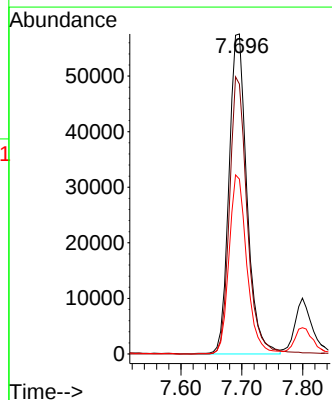
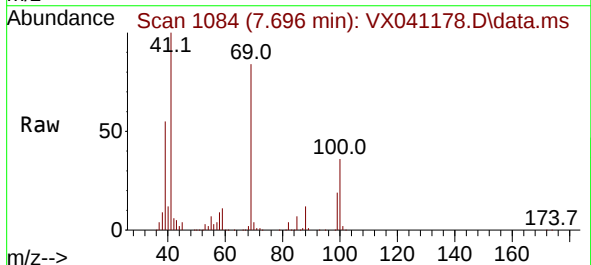
Manual Integrations
APPROVED

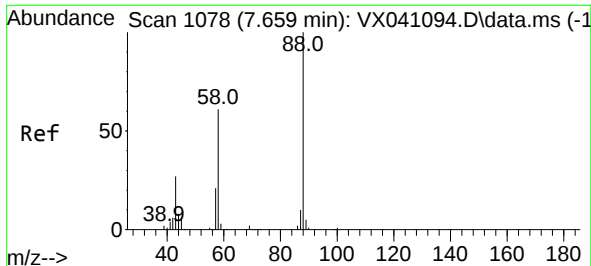
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#48
Methyl methacrylate
Concen: 49.299 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 41 Resp: 117959
Ion Ratio Lower Upper
41 100
69 85.3 59.2 88.8
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 930.499 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

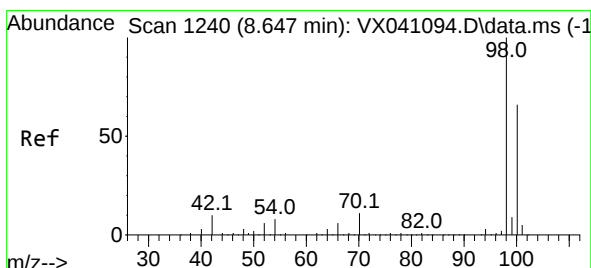
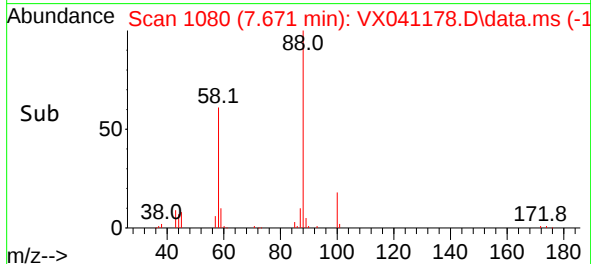
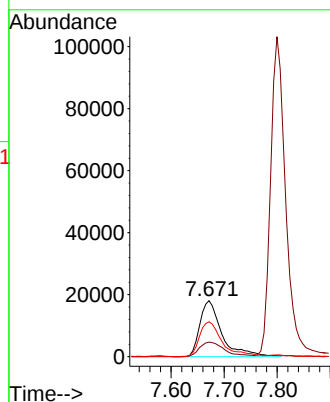
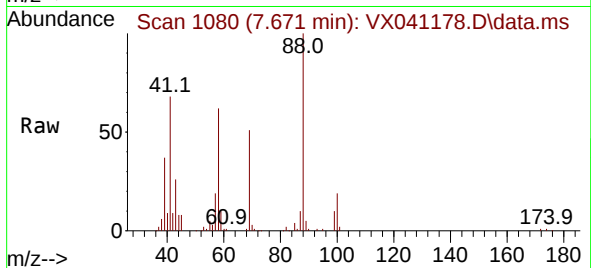
Tgt Ion: 88 Resp: 52020
 Ion Ratio Lower Upper
 88 100
 43 29.9 0.0 0.0
 58 64.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#50

Toluene-d8

Concen: 48.552 ug/l

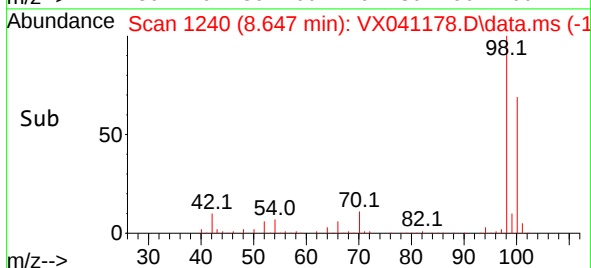
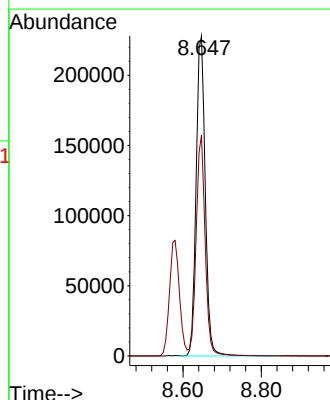
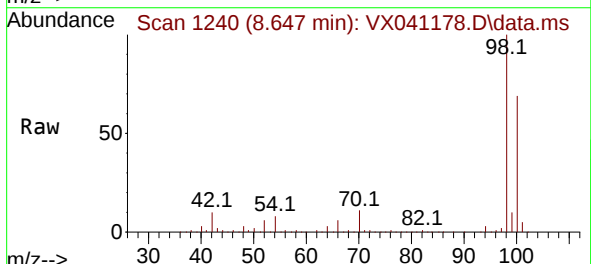
RT: 8.647 min Scan# 1240

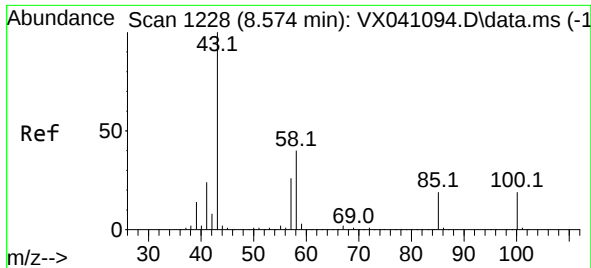
Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Tgt Ion: 98 Resp: 371313
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 236.907 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

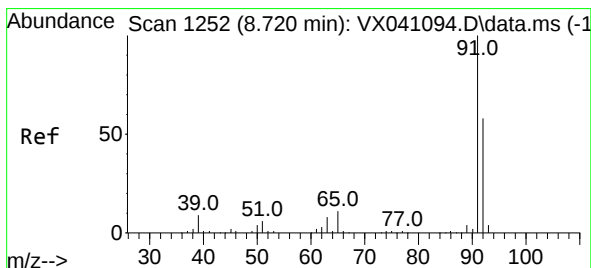
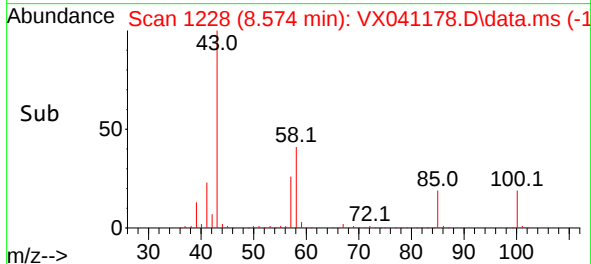
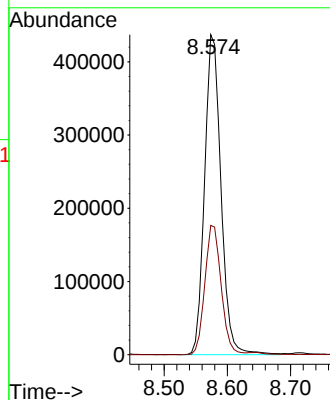
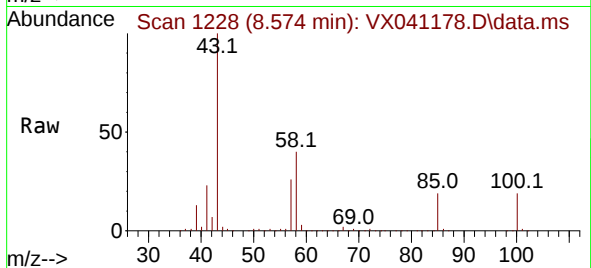
VSTDCCC050EC

Tgt Ion: 43 Resp: 788910
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6

Manual Integrations

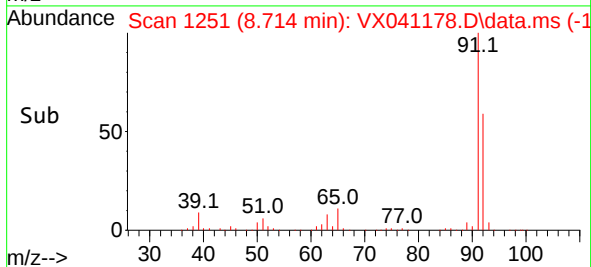
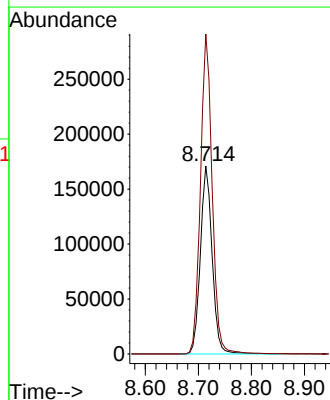
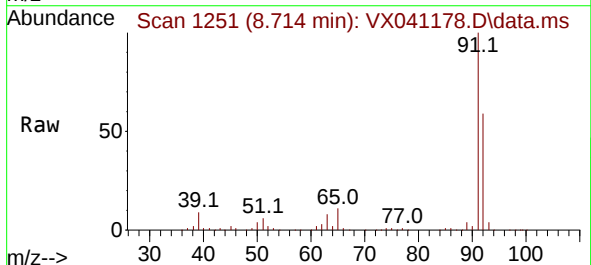
APPROVED

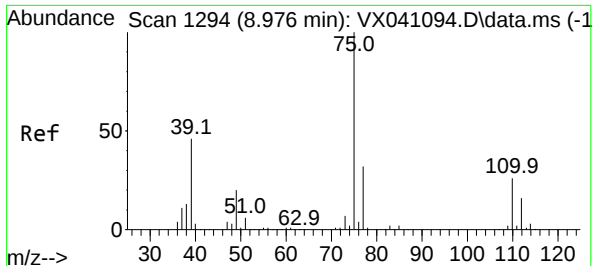
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#52
Toluene
Concen: 47.975 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 92 Resp: 264254
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.721 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 14329

Ion Ratio Lower Upper

75 100

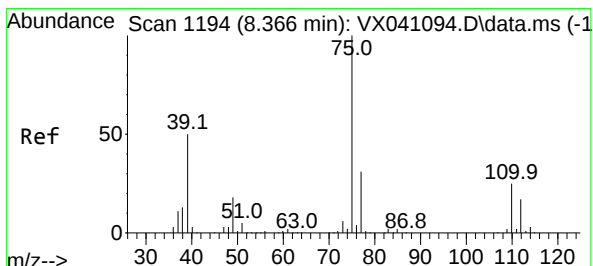
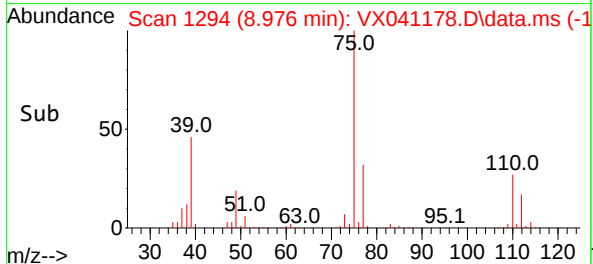
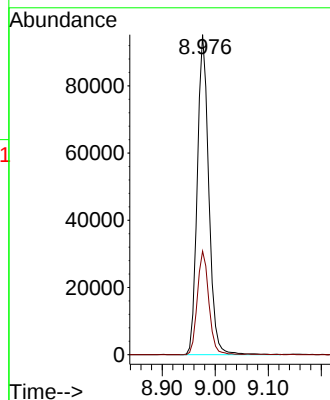
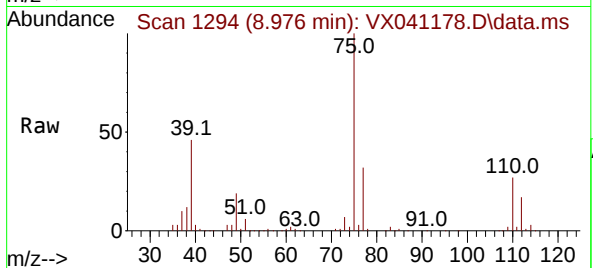
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#54

cis-1,3-Dichloropropene

Concen: 48.941 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

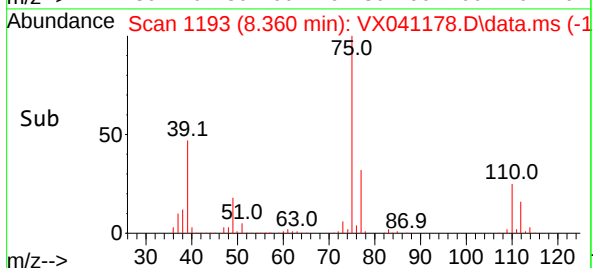
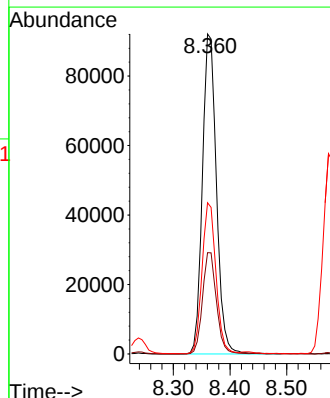
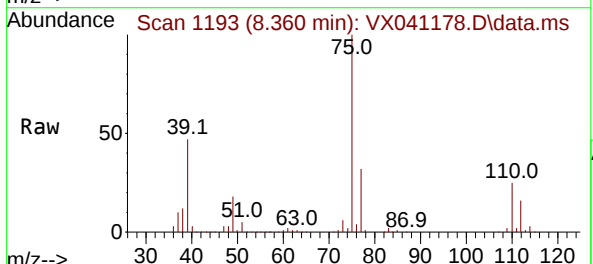
Tgt Ion: 75 Resp: 158136

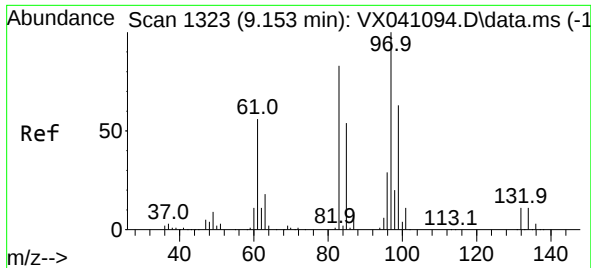
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 47.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.165 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

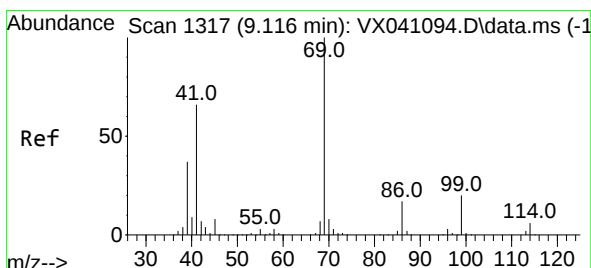
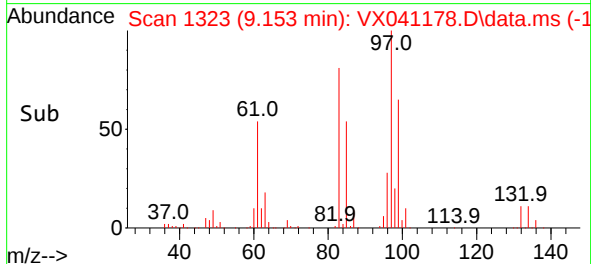
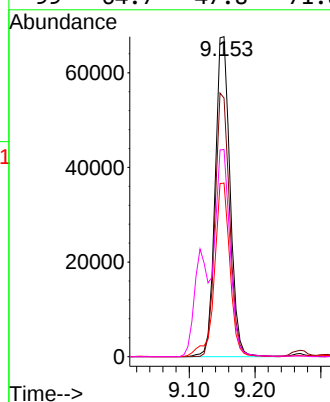
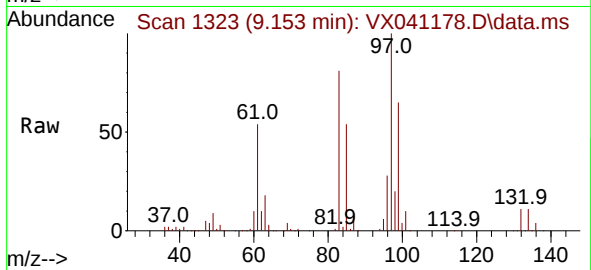
Tgt Ion: 97 Resp: 10652
Ion Ratio Lower Upper
97 100
83 80.8 65.8 98.8
85 54.2 41.6 62.4
99 64.7 47.8 71.8

Manual Integrations

APPROVED

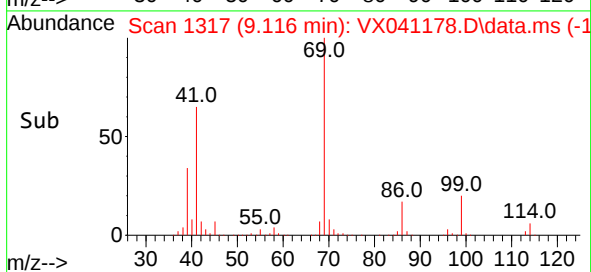
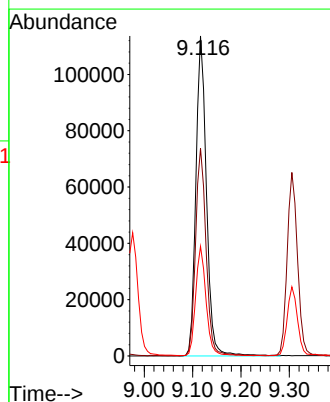
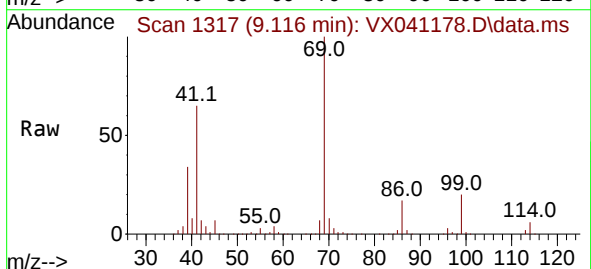
Reviewed By :John Carlone 04/22/2024

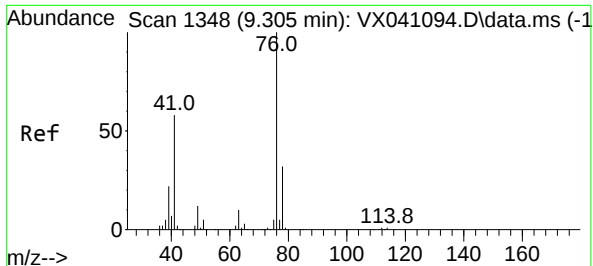
Supervised By :Mahesh Dadoda 04/22/2024



#56
Ethyl methacrylate
Concen: 48.048 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 69 Resp: 171668
Ion Ratio Lower Upper
69 100
41 65.3 56.8 85.2
39 33.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 47.482 ug/l

RT: 9.305 min Scan# 11114

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 171114

Ion Ratio Lower Upper

76 100

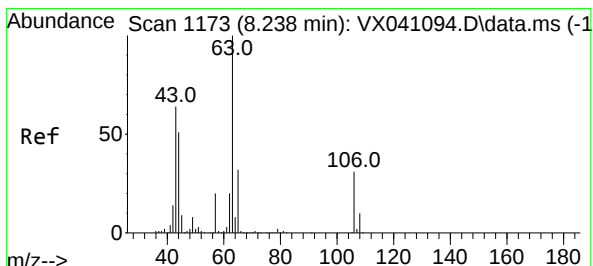
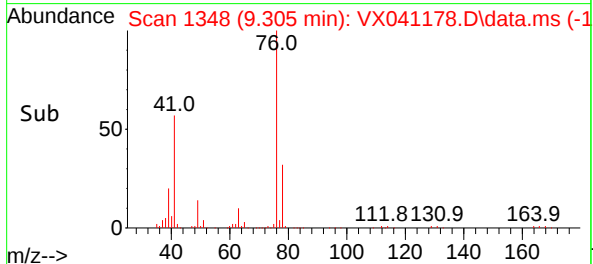
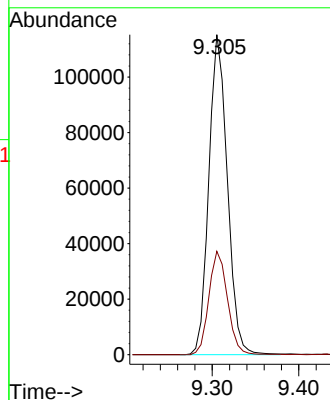
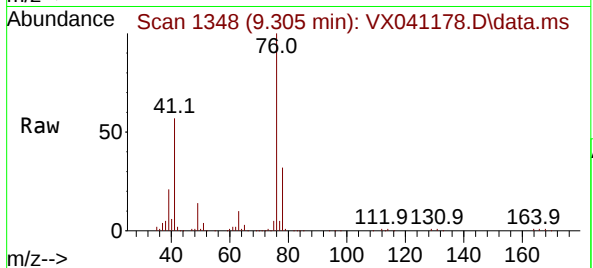
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 236.847 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041178.D

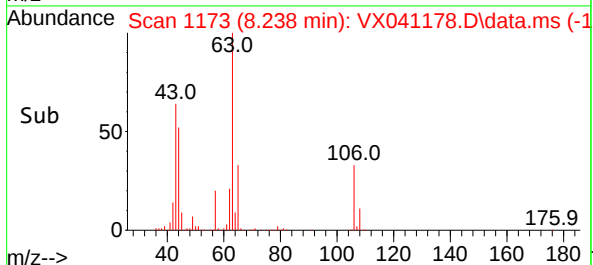
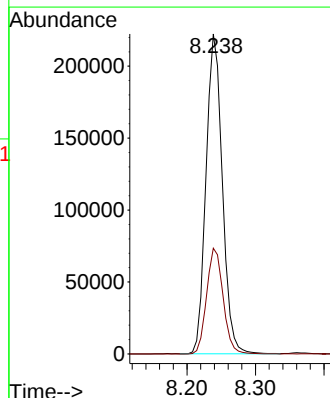
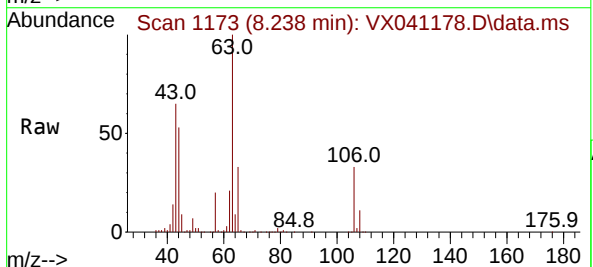
Acq: 19 Apr 2024 15:46

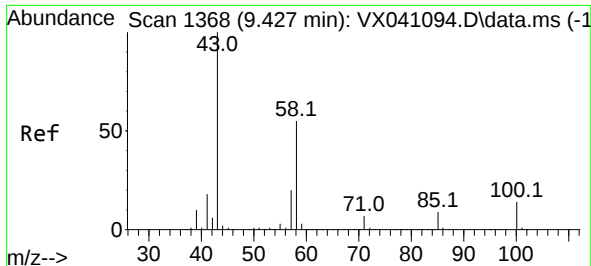
Tgt Ion: 63 Resp: 368389

Ion Ratio Lower Upper

63 100

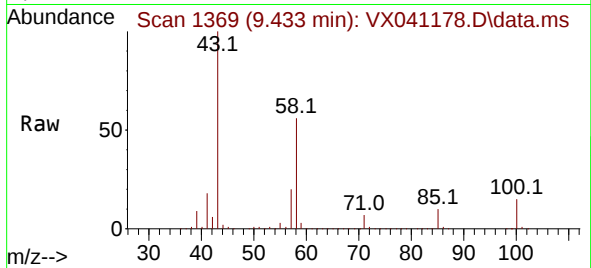
106 33.5 22.5 33.7





#59
2-Hexanone
Concen: 242.892 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

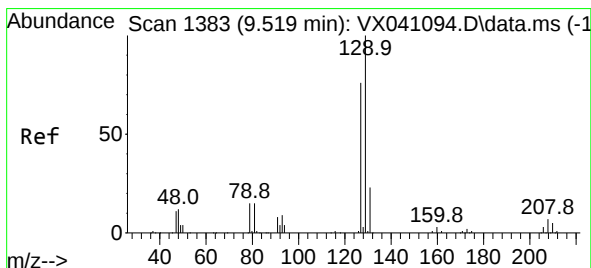
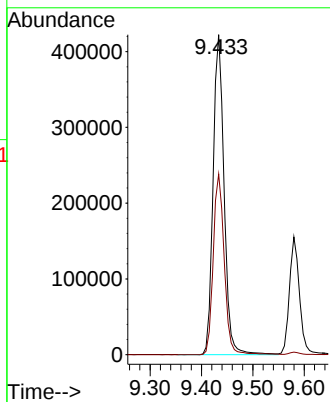
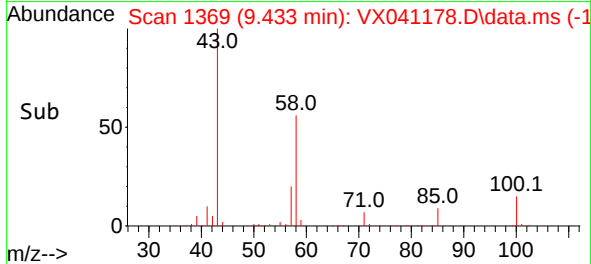
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 625700
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.5

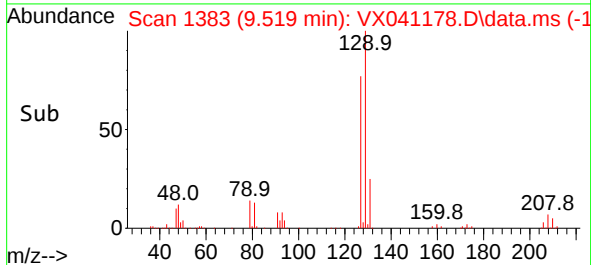
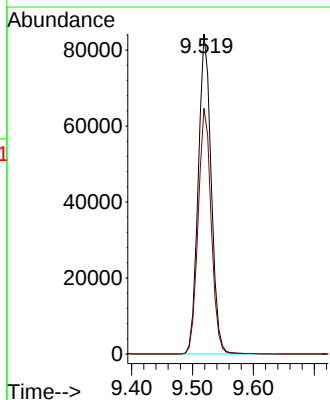
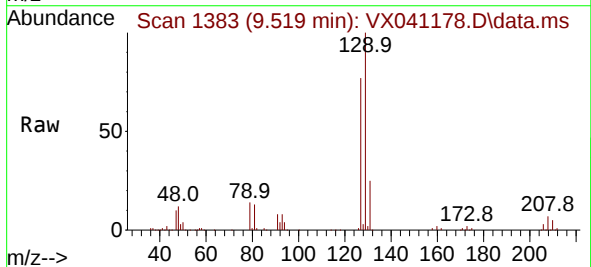
Manual Integrations
APPROVED

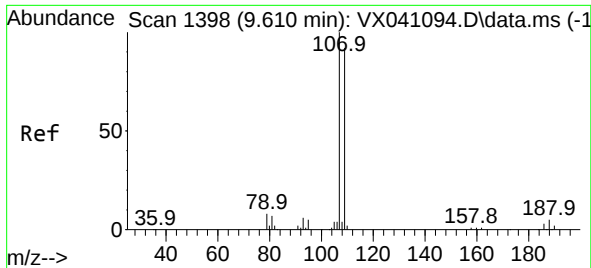
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#60
Dibromochloromethane
Concen: 46.639 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

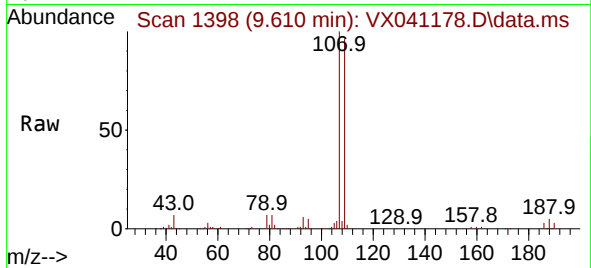
Tgt Ion:129 Resp: 124764
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 46.190 ug/l
RT: 9.610 min Scan# 11158
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

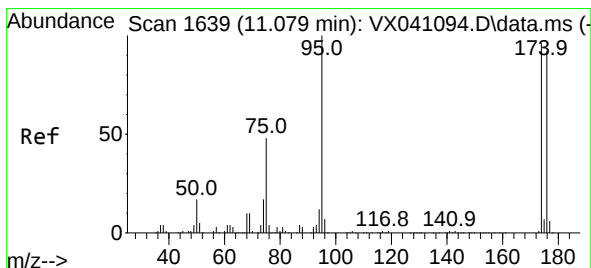
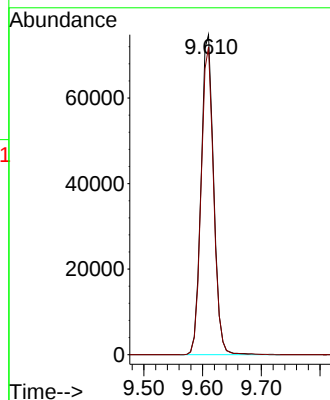
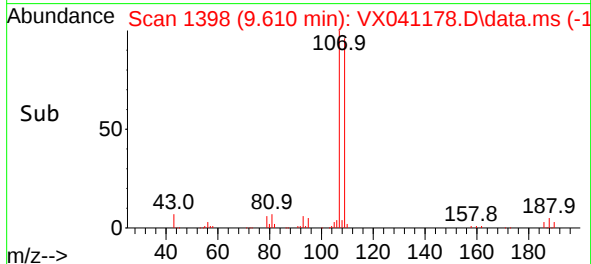
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



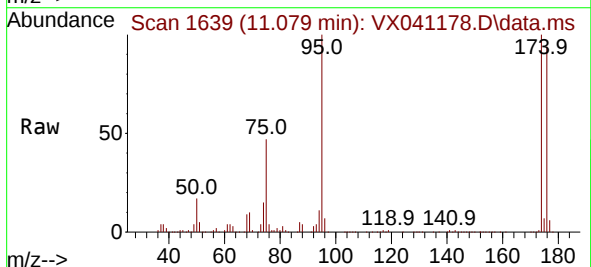
Tgt Ion:107 Resp: 11158
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

Manual Integrations
APPROVED

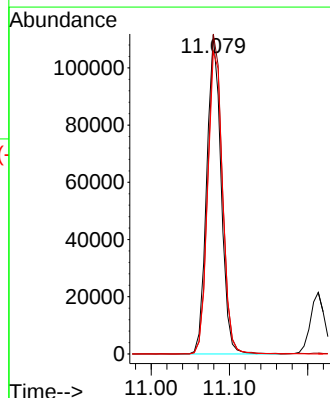
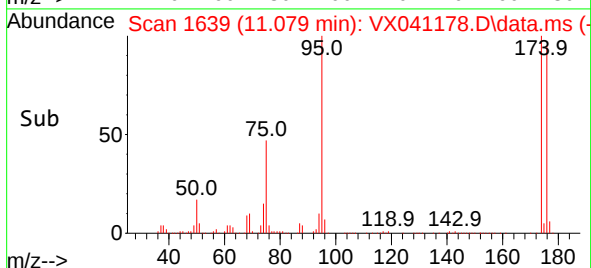
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

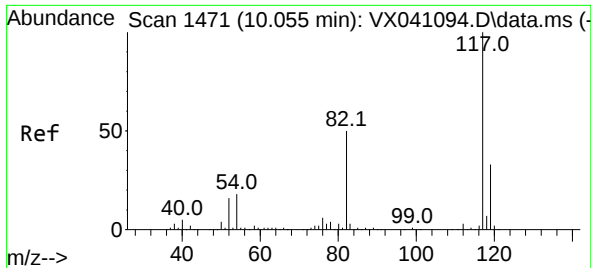


#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46



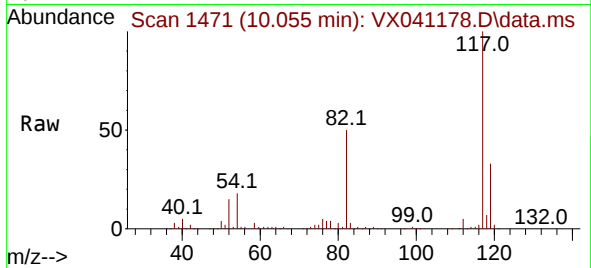
Tgt Ion: 95 Resp: 141031
Ion Ratio Lower Upper
95 100
174 101.9 0.0 135.6
176 98.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

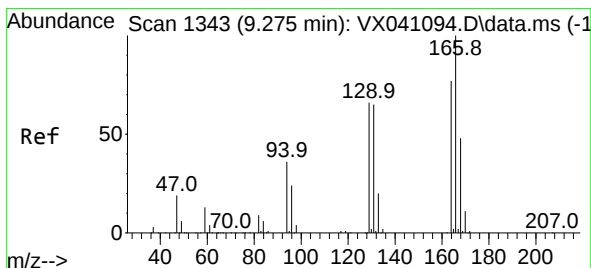
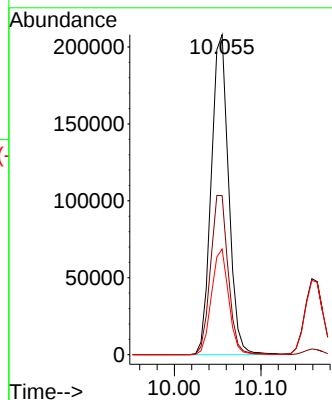
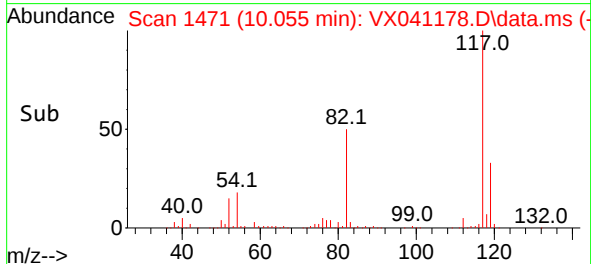
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 29012
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 33.0 25.5 38.3

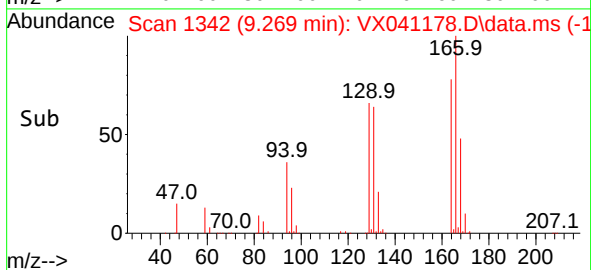
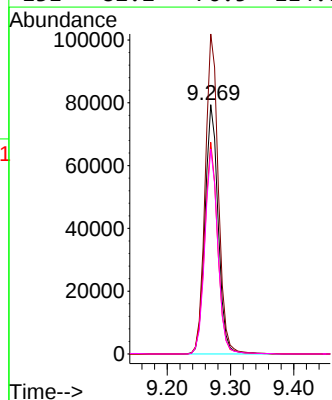
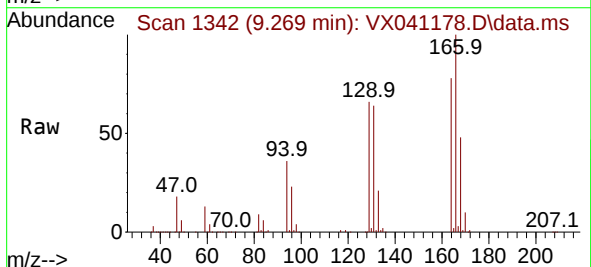
Manual Integrations
APPROVED

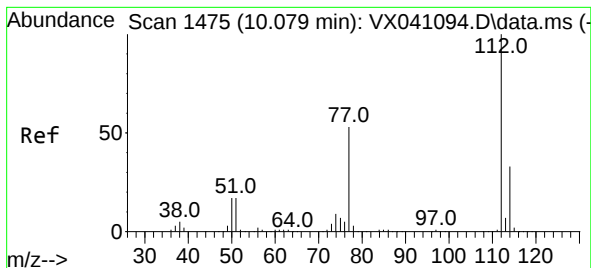
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#64
Tetrachloroethene
Concen: 49.961 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

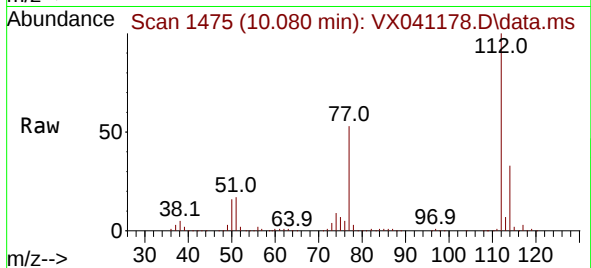
Tgt Ion:164 Resp: 115192
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 84.9 80.4 120.6
131 82.2 76.5 114.7





#65
Chlorobenzene
Concen: 48.590 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

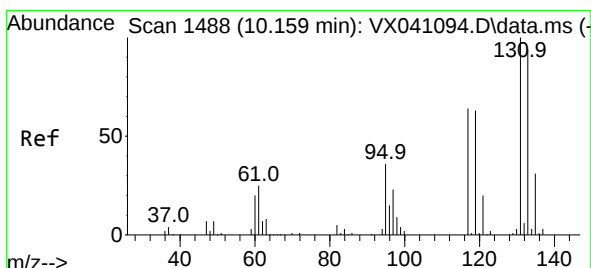
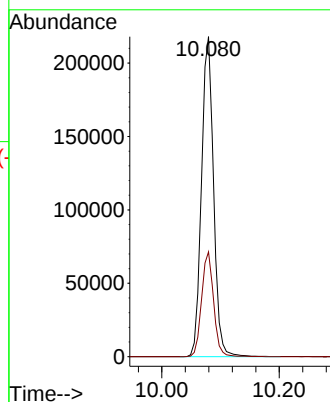
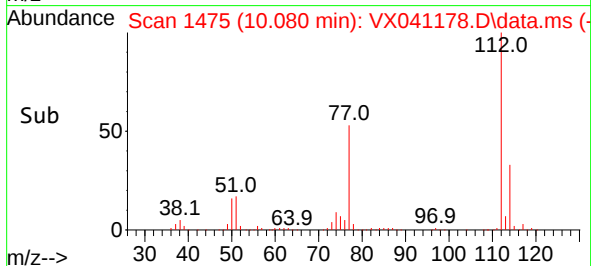
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



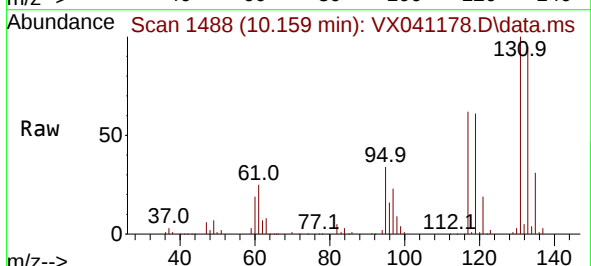
Tgt Ion:112 Resp: 31118
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

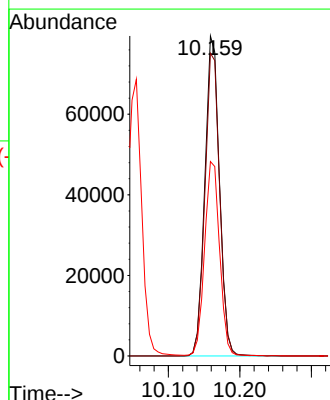
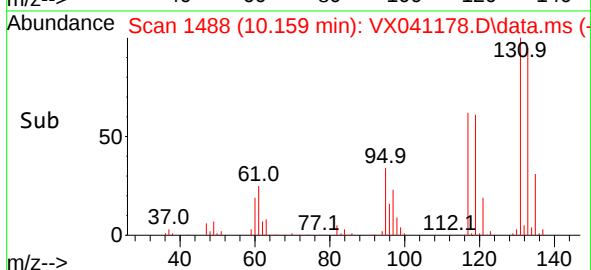
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

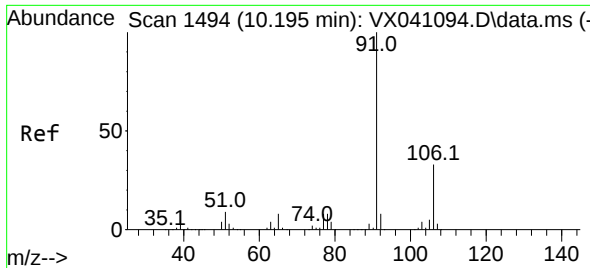


#66
1,1,1,2-Tetrachloroethane
Concen: 51.522 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46



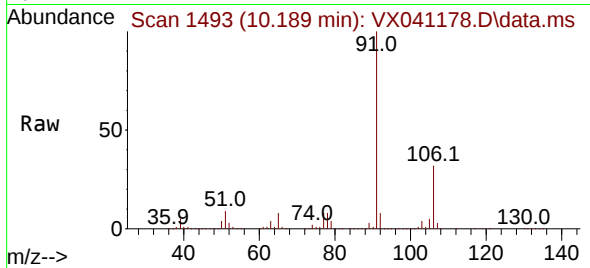
Tgt Ion:131 Resp: 112877
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 62.6 32.2 96.6





#67
Ethyl Benzene
Concen: 50.767 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

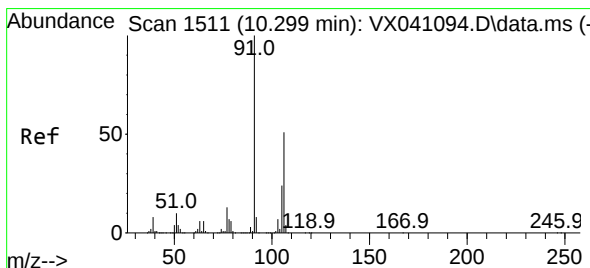
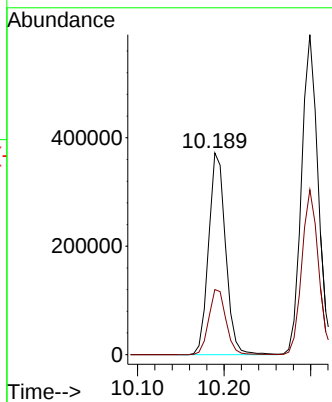
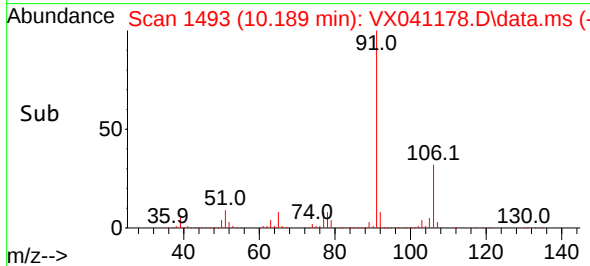
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 507352
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

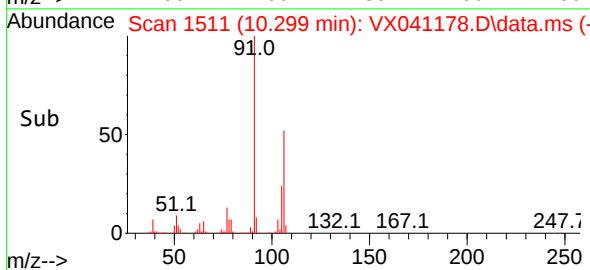
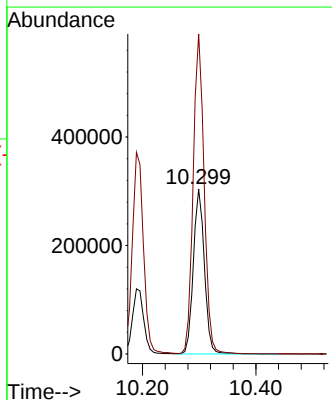
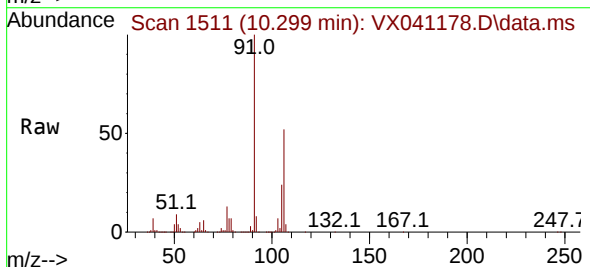
Manual Integrations
APPROVED

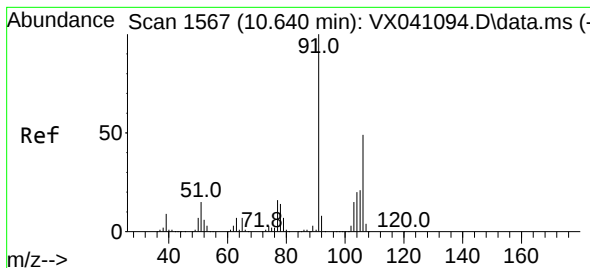
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#68
m/p-Xylenes
Concen: 103.175 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion:106 Resp: 410120
Ion Ratio Lower Upper
106 100
91 192.8 165.5 248.3





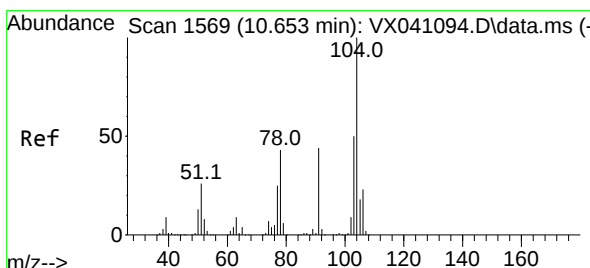
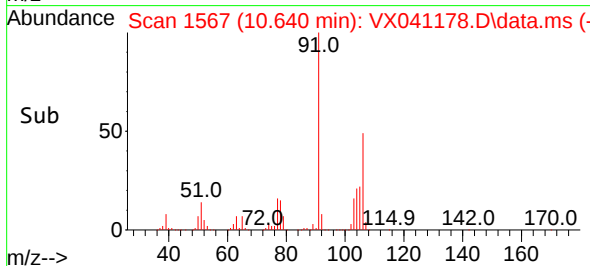
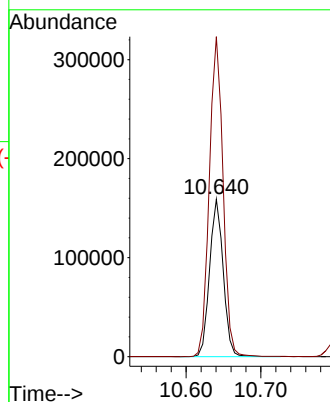
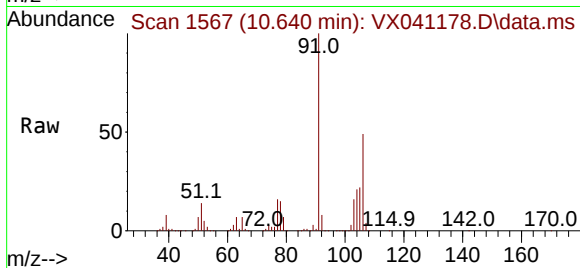
#69
o-Xylene
Concen: 52.030 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 201329
Ion Ratio Lower Upper
106 100
91 204.2 108.9 326.8

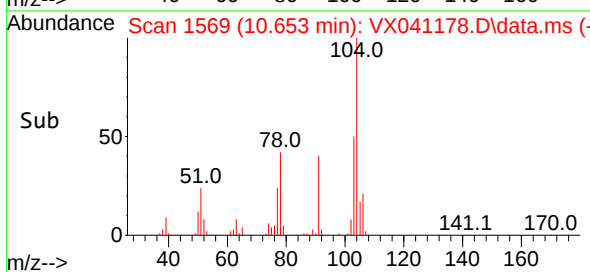
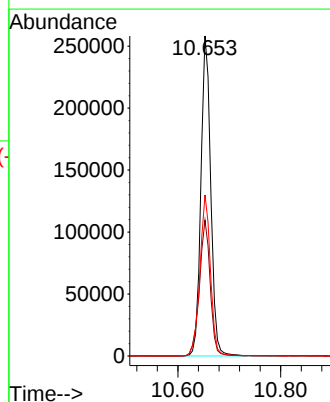
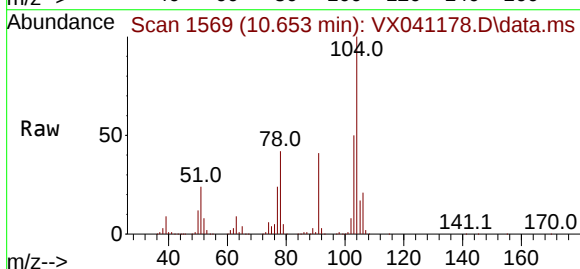
Manual Integrations
APPROVED

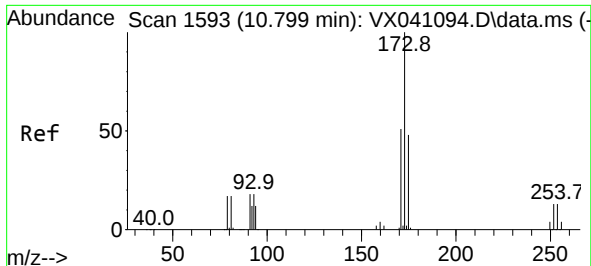
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#70
Styrene
Concen: 52.279 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

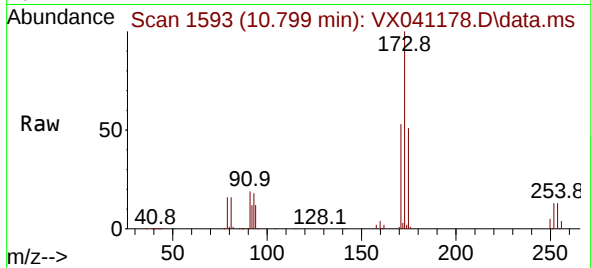
Tgt Ion:104 Resp: 343488
Ion Ratio Lower Upper
104 100
78 46.4 43.6 65.4
103 54.3 43.6 65.4





#71
Bromoform
Concen: 49.653 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

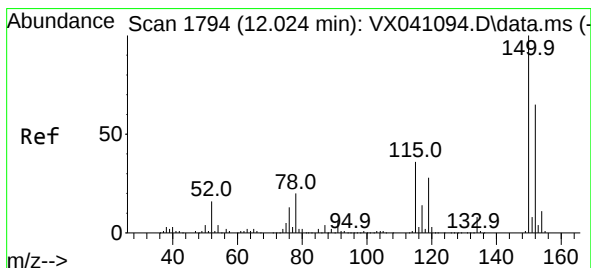
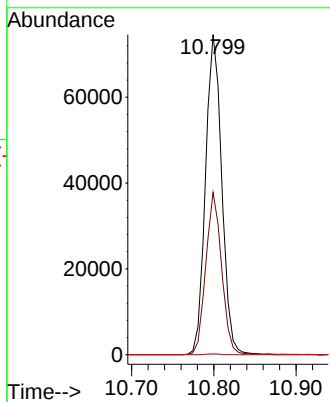
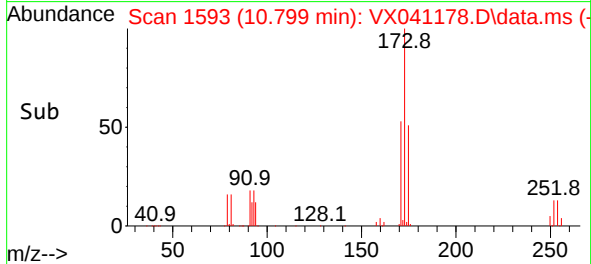
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 102460
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.2 0.0 0.0

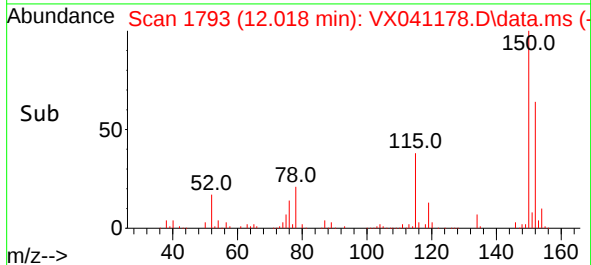
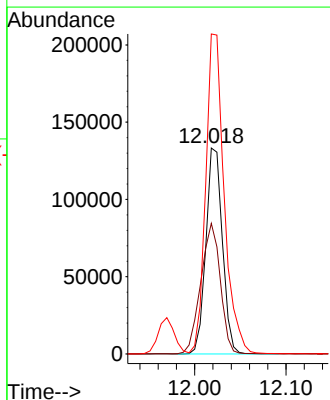
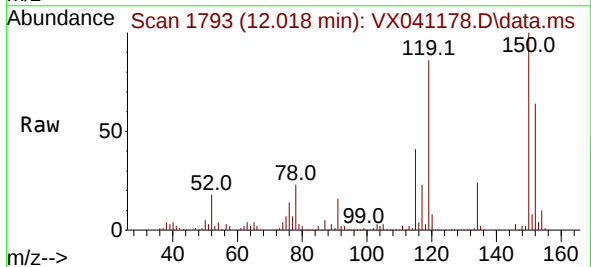
Manual Integrations
APPROVED

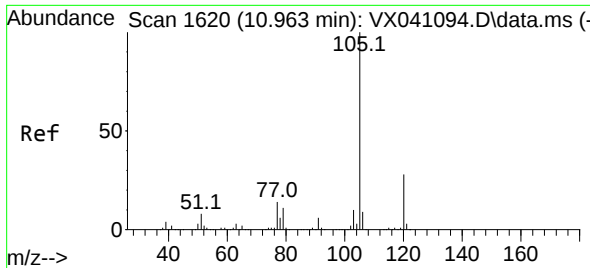
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

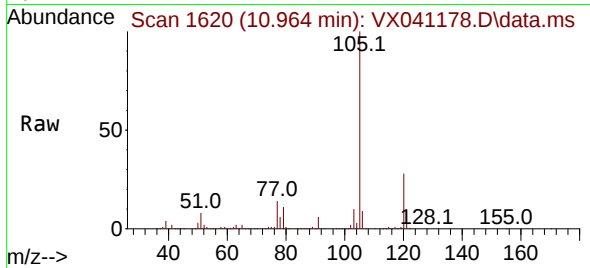
Tgt Ion:152 Resp: 167172
Ion Ratio Lower Upper
152 100
115 74.8 43.3 129.9
150 173.4 0.0 345.0





#73
Isopropylbenzene
Concen: 53.760 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

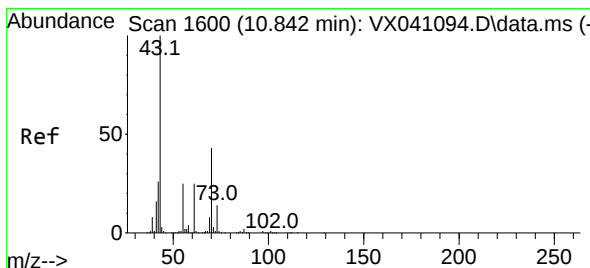
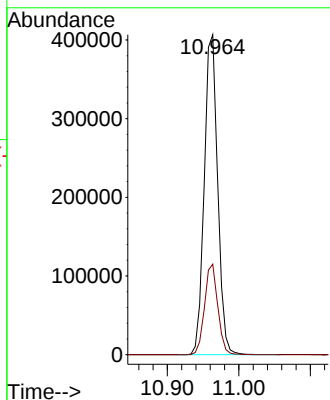
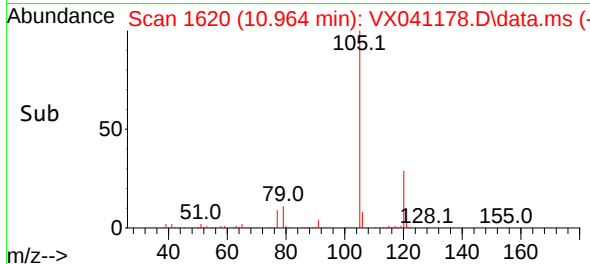
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



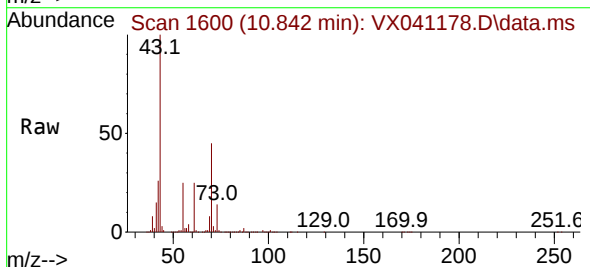
Tgt Ion: 105 Resp: 530128
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6

Manual Integrations
APPROVED

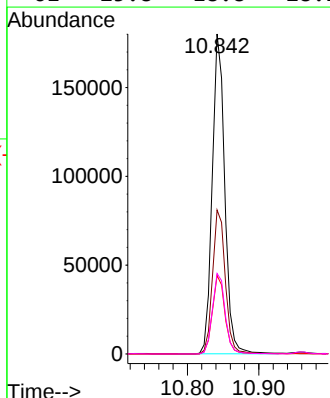
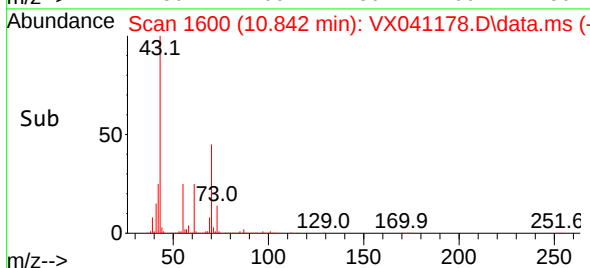
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

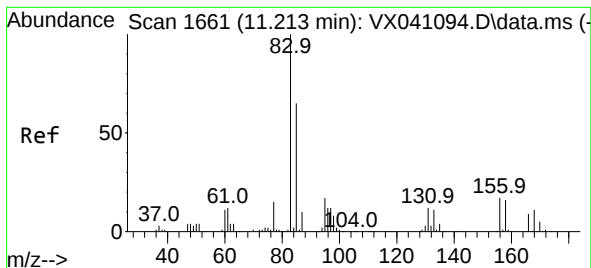


#74
N-ethyl acetate
Concen: 55.935 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46



Tgt Ion: 43 Resp: 218807
Ion Ratio Lower Upper
43 100
70 46.4 32.9 49.3
55 24.8 19.3 28.9
61 25.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.719 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 170588

Ion Ratio Lower Upper

83 100

131 11.9 5.3 15.8

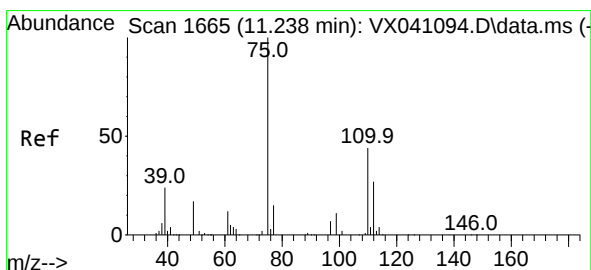
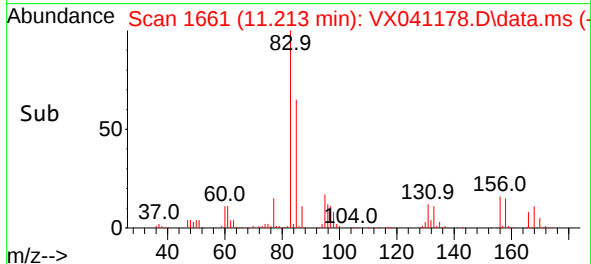
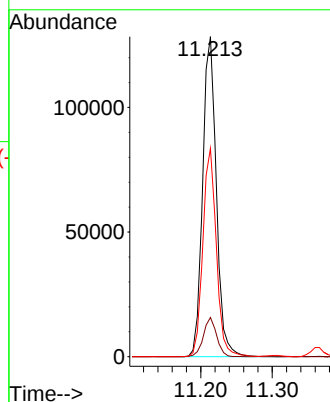
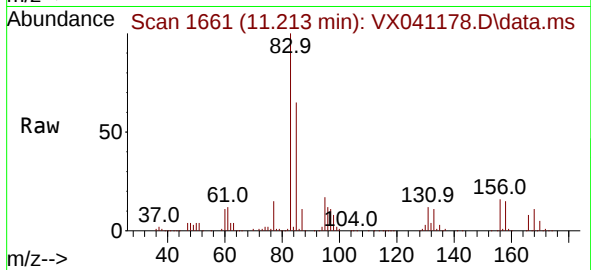
85 64.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#76

1,2,3-Trichloropropane

Concen: 50.573 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041178.D

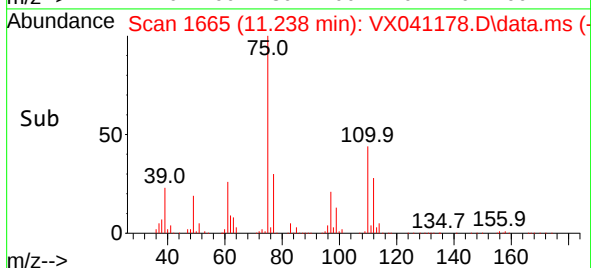
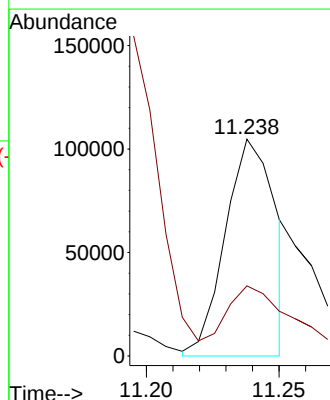
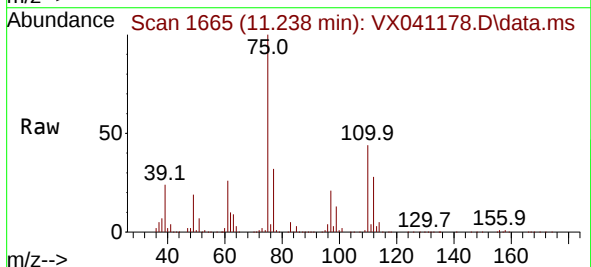
Acq: 19 Apr 2024 15:46

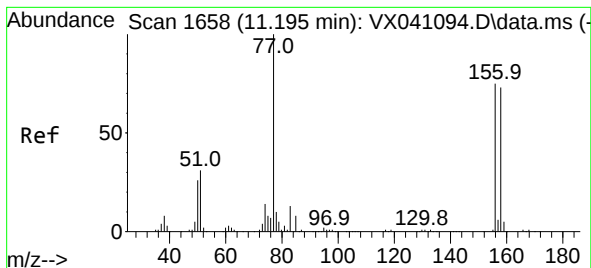
Tgt Ion: 75 Resp: 137774

Ion Ratio Lower Upper

75 100

77 43.9 19.1 57.5





#77

Bromobenzene

Concen: 52.946 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

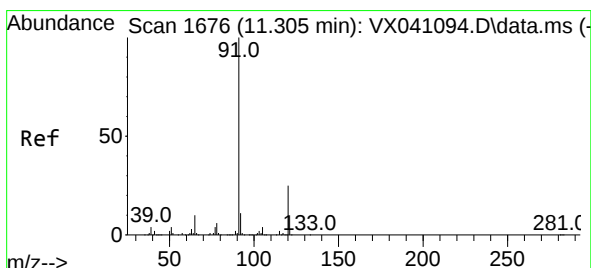
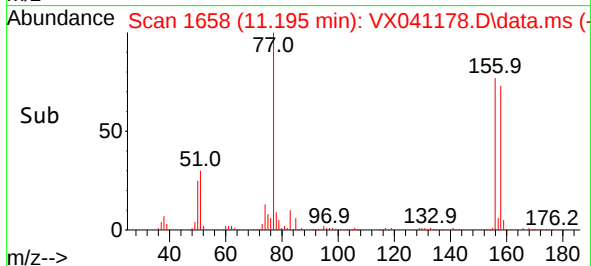
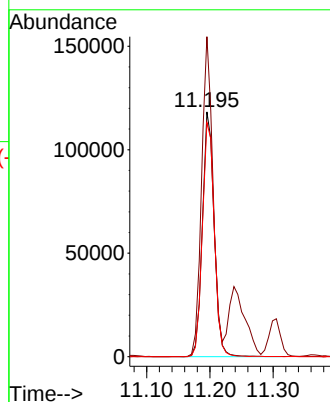
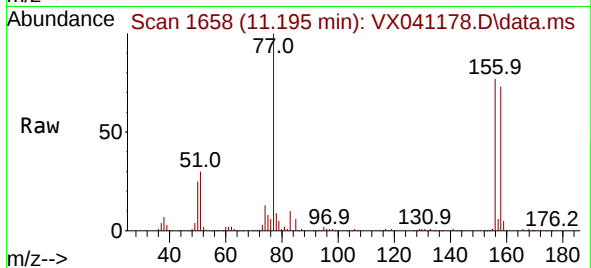
Tgt Ion:	156	Resp:	153278
Ion Ratio	Lower	Upper	
156	100		
77	126.0	88.4	265.3
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#78

n-propylbenzene

Concen: 53.060 ug/l

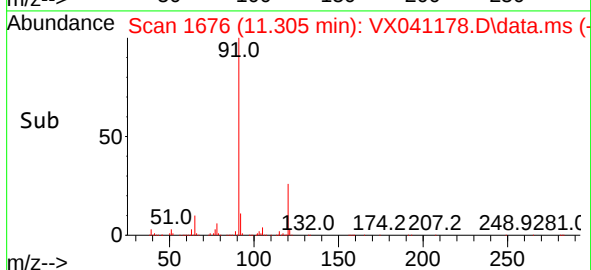
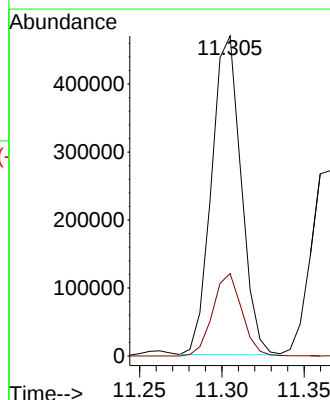
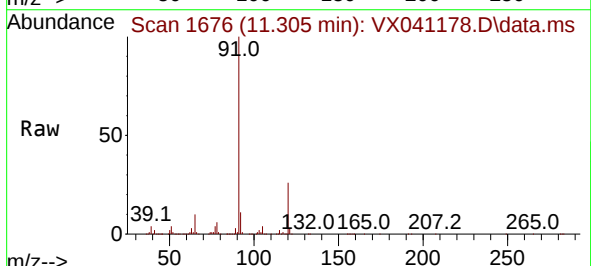
RT: 11.305 min Scan# 1676

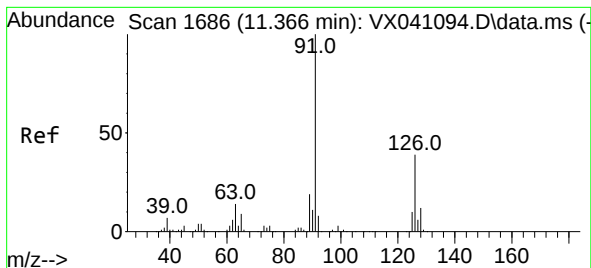
Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Tgt Ion:	91	Resp:	586755
Ion Ratio	Lower	Upper	
91	100		
120	25.4	11.5	34.4





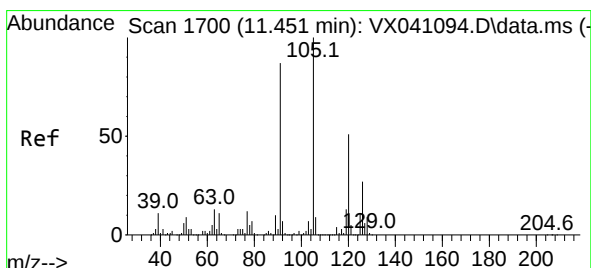
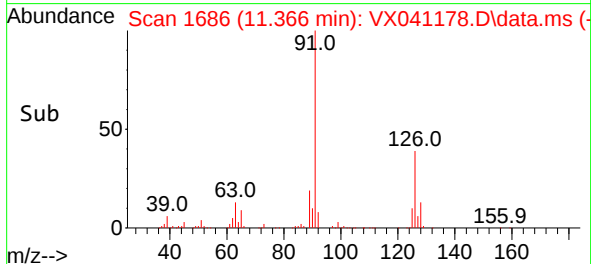
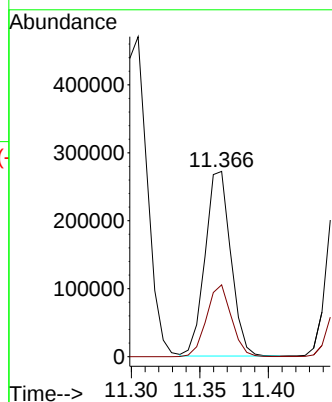
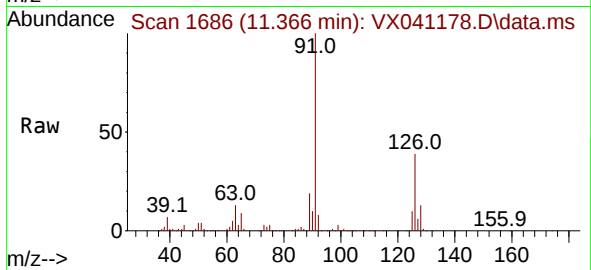
#79
2-Chlorotoluene
Concen: 52.749 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 355598
Ion Ratio Lower Upper
91 100
126 37.7 16.3 48.8

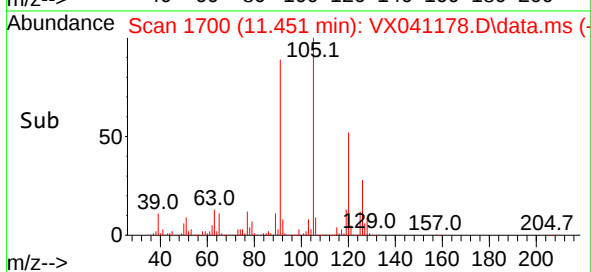
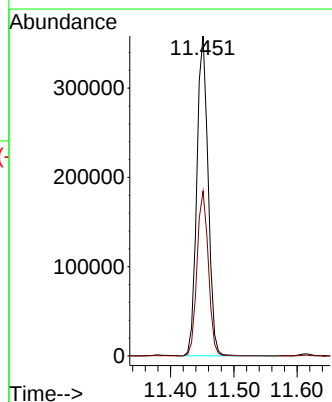
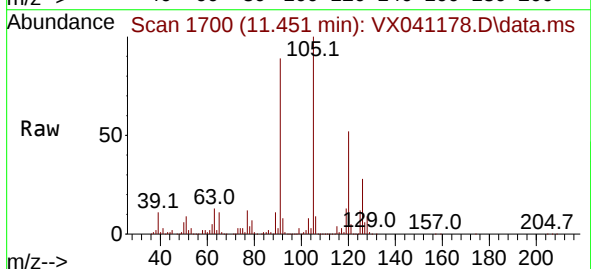
Manual Integrations
APPROVED

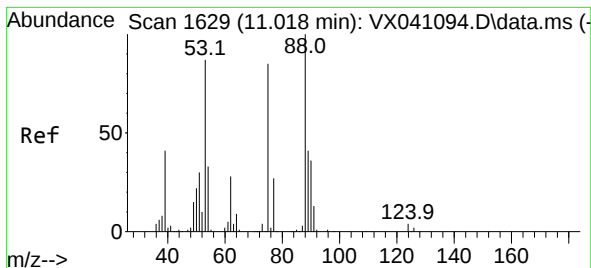
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.383 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion:105 Resp: 446714
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3





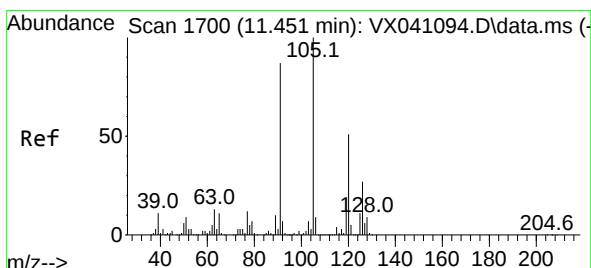
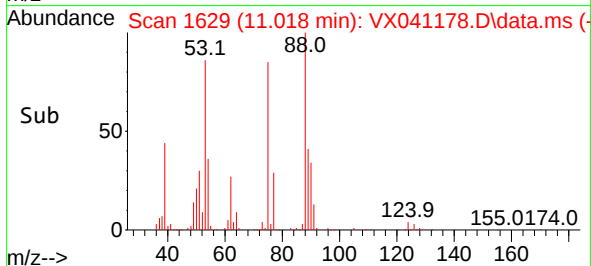
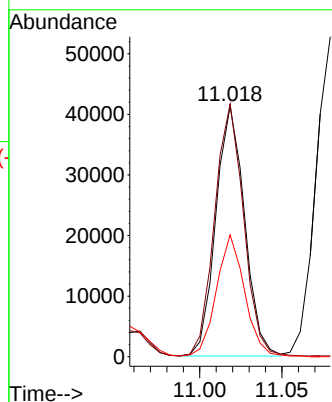
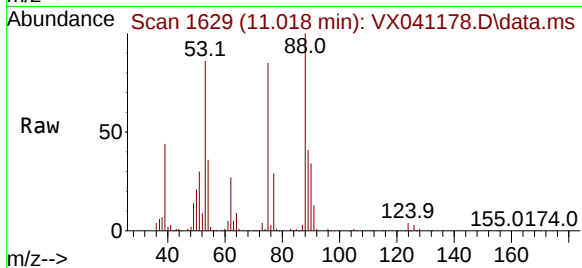
#81
trans-1,4-Dichloro-2-butene
Concen: 47.685 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5012
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 48.0 36.9 55.3

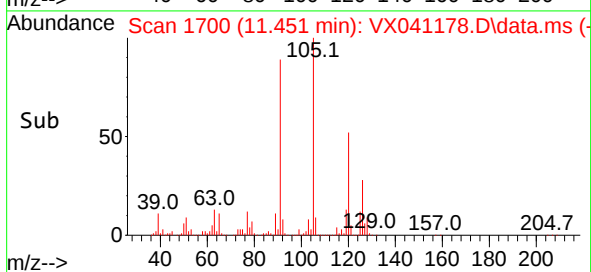
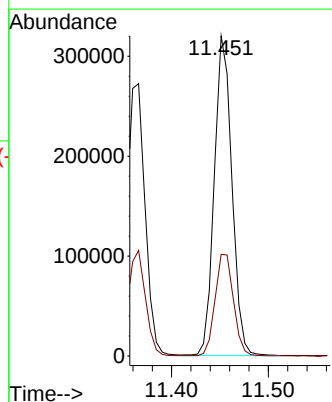
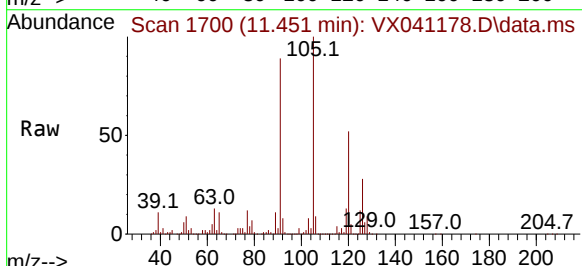
Manual Integrations
APPROVED

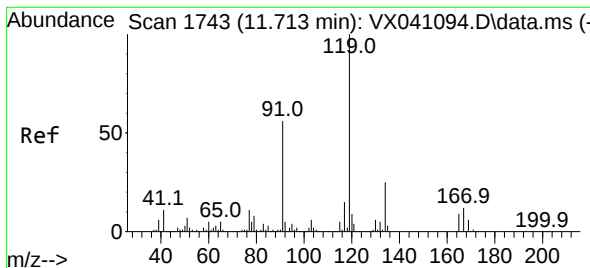
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#82
4-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 91 Resp: 404671
Ion Ratio Lower Upper
91 100
126 33.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.508 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

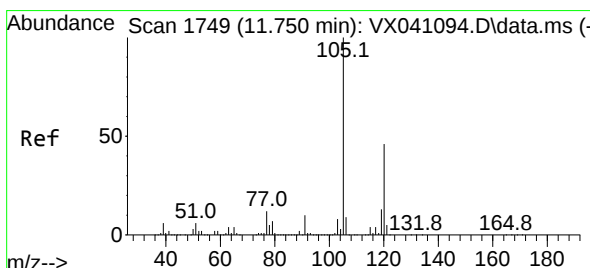
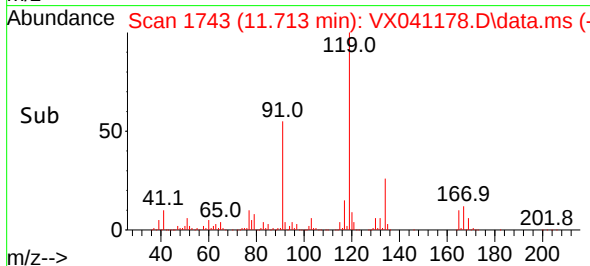
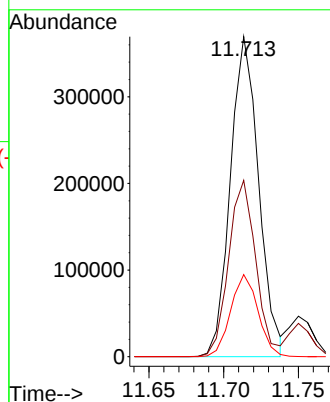
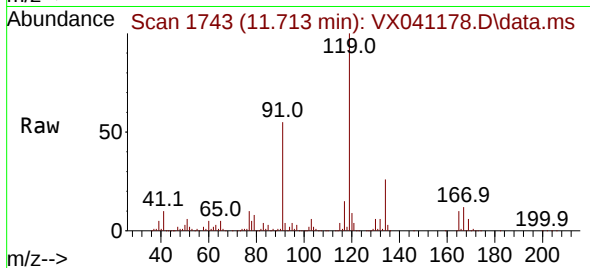
Tgt Ion:119 Resp: 486290
 Ion Ratio Lower Upper
 119 100
 91 53.0 31.2 93.6
 134 24.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.081 ug/l

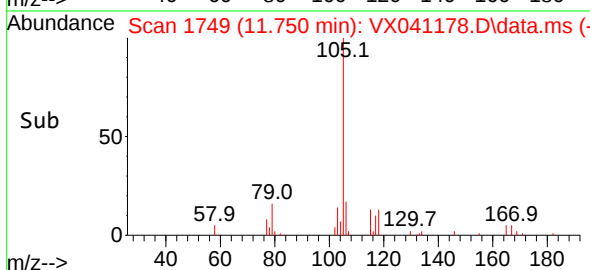
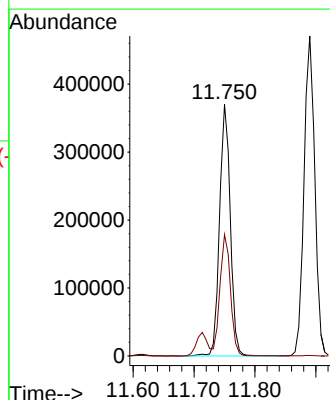
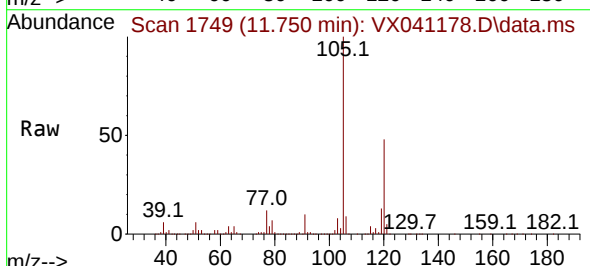
RT: 11.750 min Scan# 1749

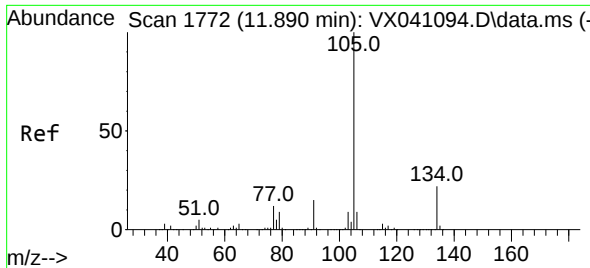
Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Tgt Ion:105 Resp: 451542
 Ion Ratio Lower Upper
 105 100
 120 46.9 21.2 63.6





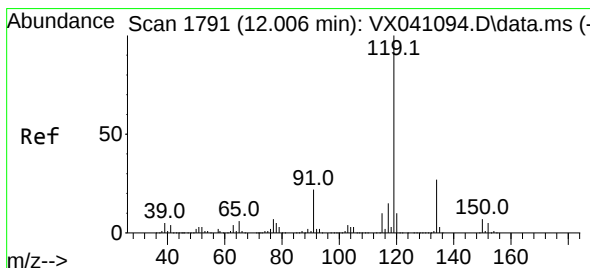
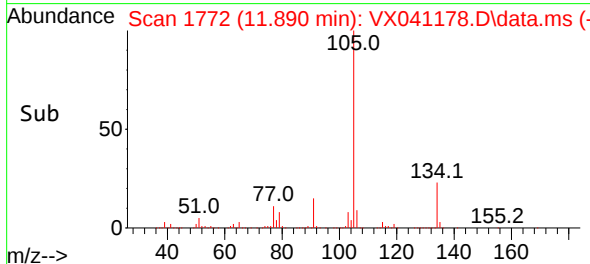
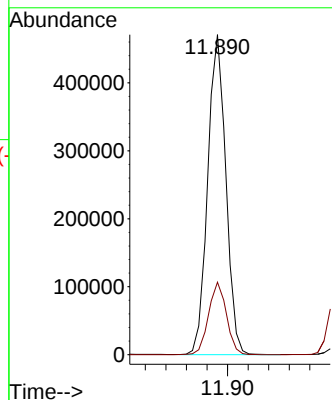
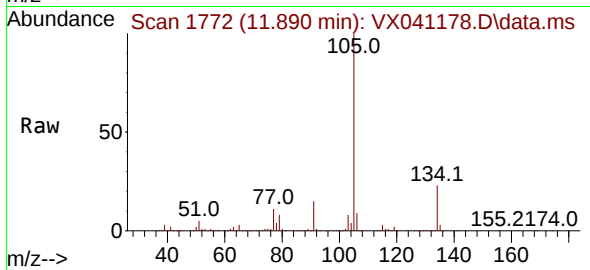
#85
 sec-Butylbenzene
 Concen: 54.873 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041178.D
 Acq: 19 Apr 2024 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 57681
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.4

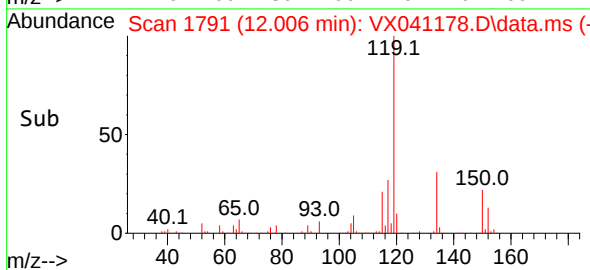
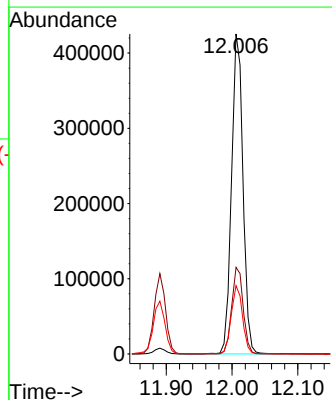
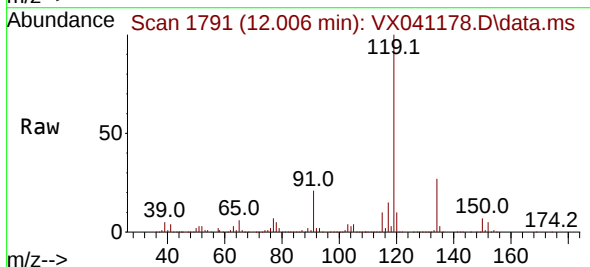
Manual Integrations
 APPROVED

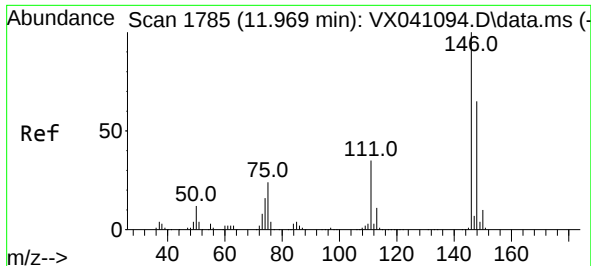
Reviewed By :John Carlone 04/22/2024
 Supervised By :Mahesh Dadoda 04/22/2024



#86
 p-Isopropyltoluene
 Concen: 55.140 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041178.D
 Acq: 19 Apr 2024 15:46

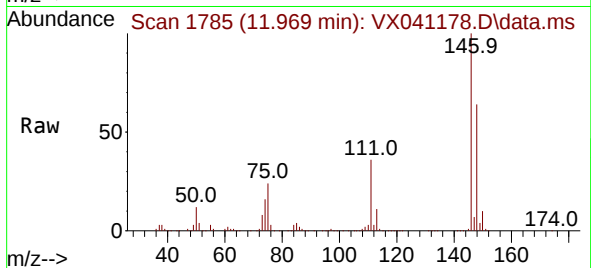
Tgt Ion:119 Resp: 514403
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 21.1 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 51.274 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

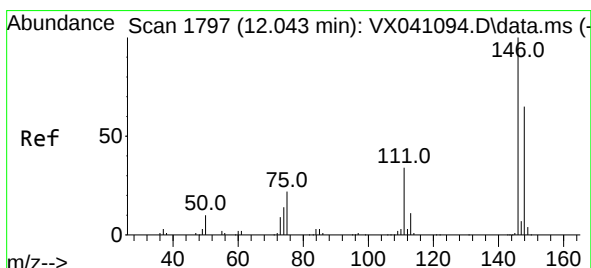
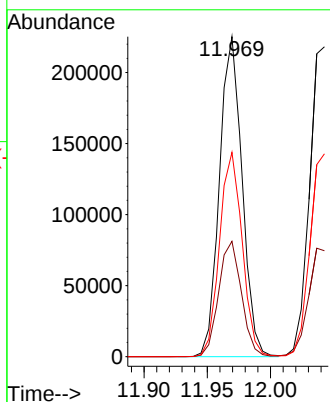
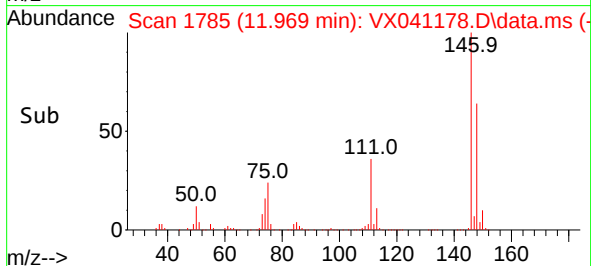
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



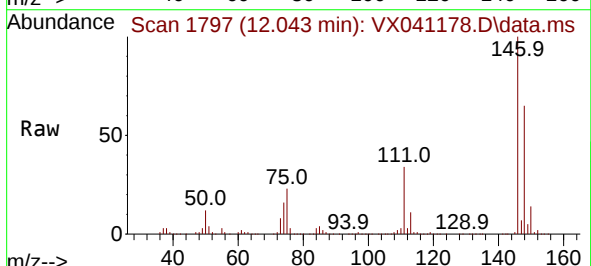
Tgt Ion:146 Resp: 280028
Ion Ratio Lower Upper
146 100
111 36.4 22.1 66.1
148 64.1 31.8 95.3

Manual Integrations
APPROVED

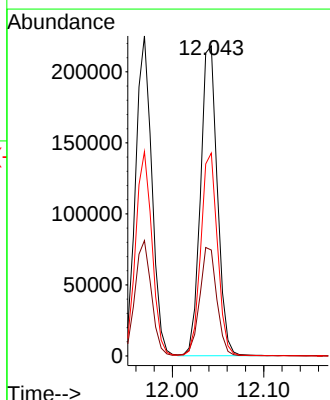
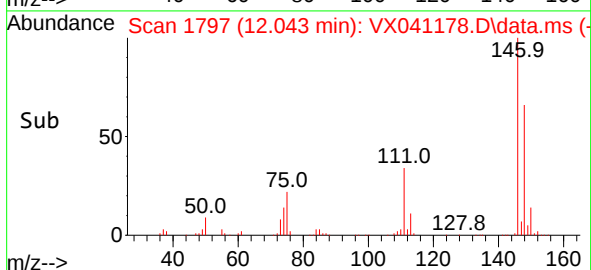
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

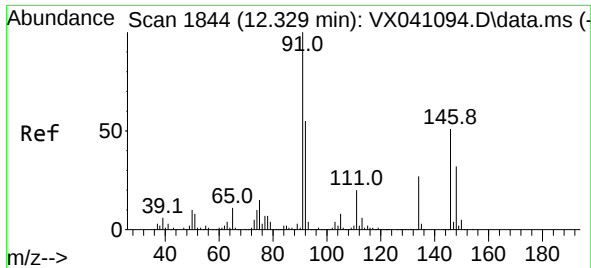


#88
1,4-Dichlorobenzene
Concen: 48.629 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46



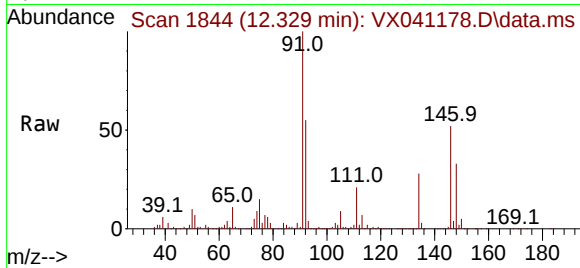
Tgt Ion:146 Resp: 280087
Ion Ratio Lower Upper
146 100
111 35.6 21.3 63.7
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 52.155 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

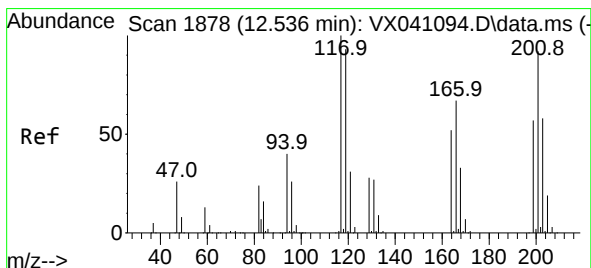
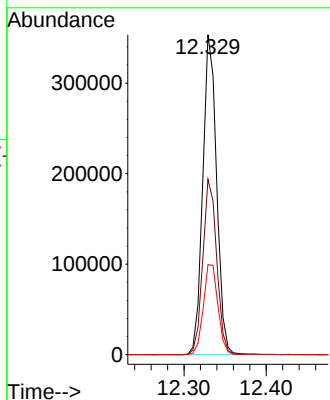
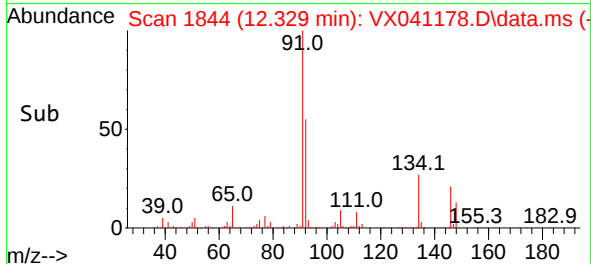
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 412788
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.0
134 29.8 12.6 37.8

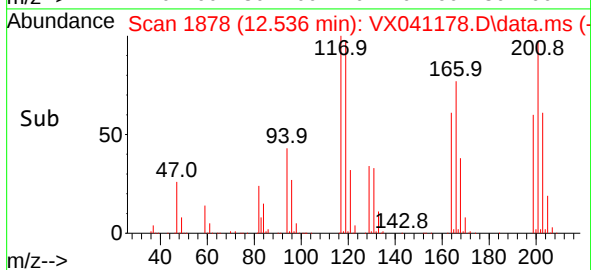
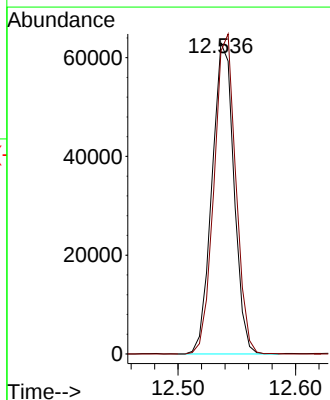
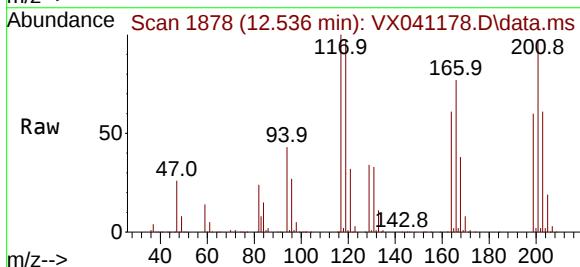
Manual Integrations
APPROVED

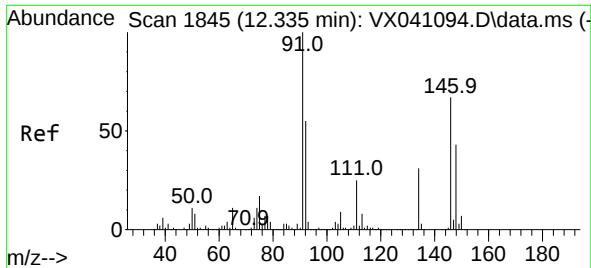
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#90
Hexachloroethane
Concen: 51.883 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

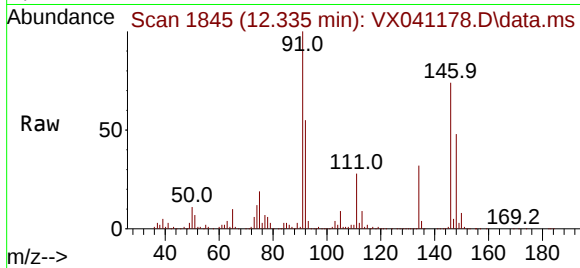
Tgt Ion:117 Resp: 81963
Ion Ratio Lower Upper
117 100
201 101.4 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 51.968 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

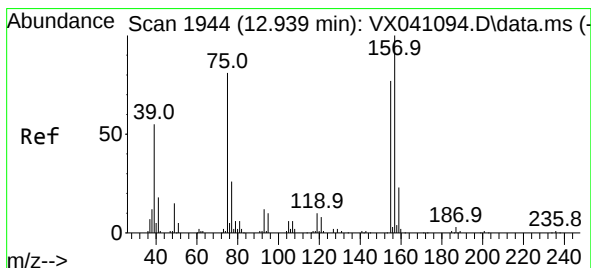
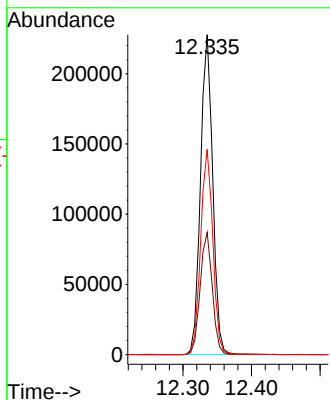
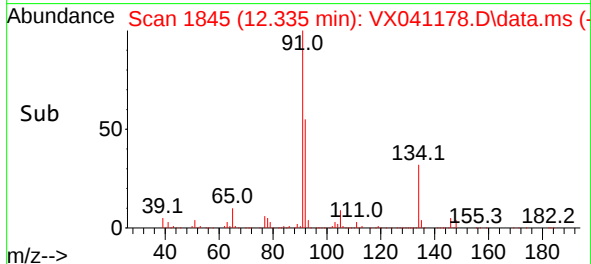
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 281640
Ion Ratio Lower Upper
146 100
111 38.3 22.4 67.0
148 64.6 31.6 95.0

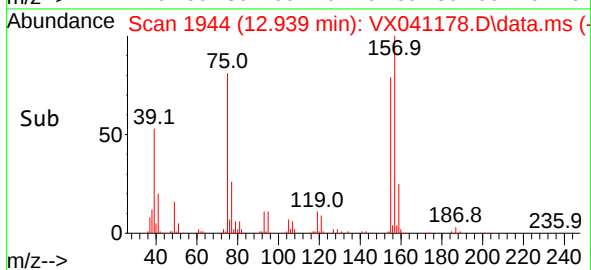
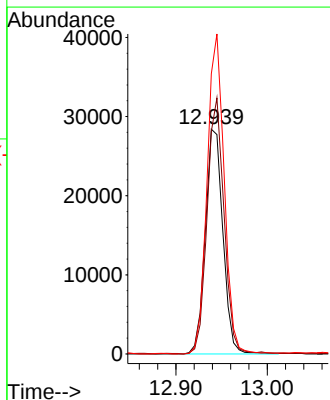
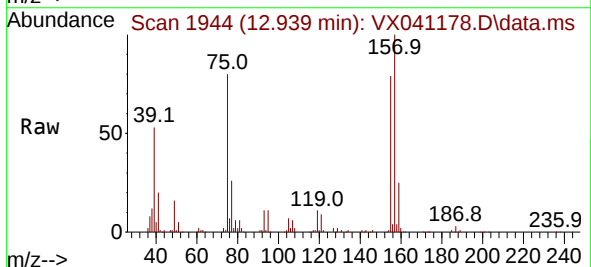
Manual Integrations
APPROVED

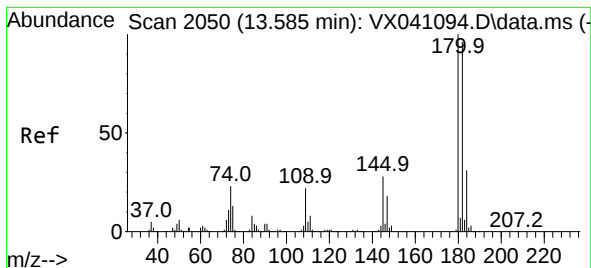
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.058 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041178.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 75 Resp: 37940
Ion Ratio Lower Upper
75 100
155 110.0 36.1 108.5#
157 138.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 50.443 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

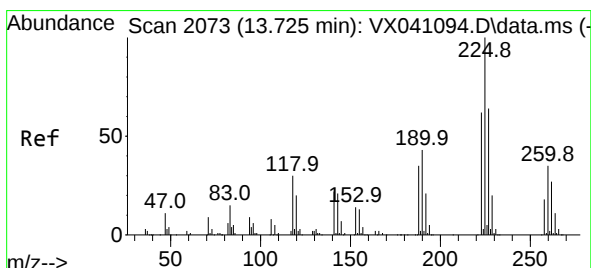
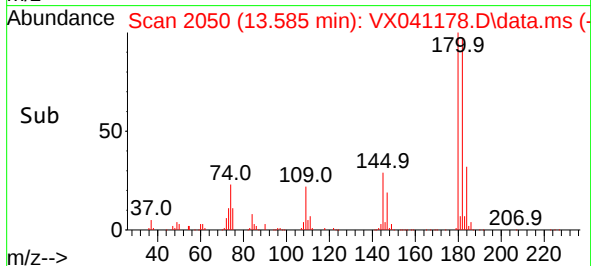
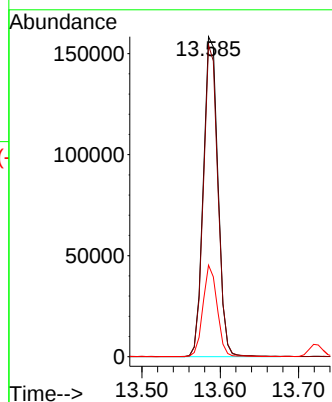
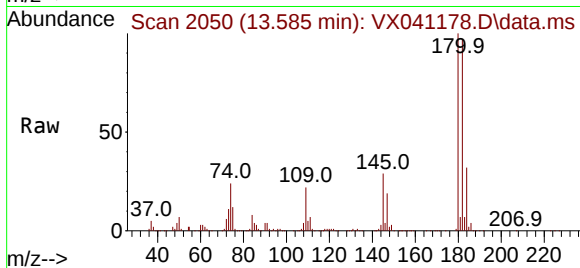
Tgt Ion:180	Resp: 20546
Ion Ratio	Lower Upper
180 100	
182 96.5	48.3 144.8
145 27.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#94

Hexachlorobutadiene

Concen: 55.688 ug/l

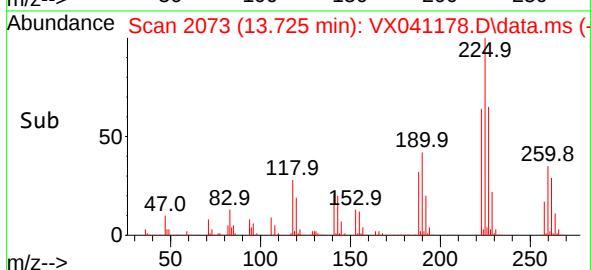
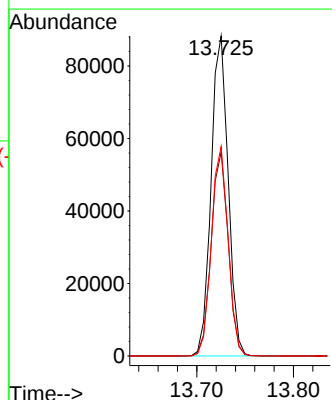
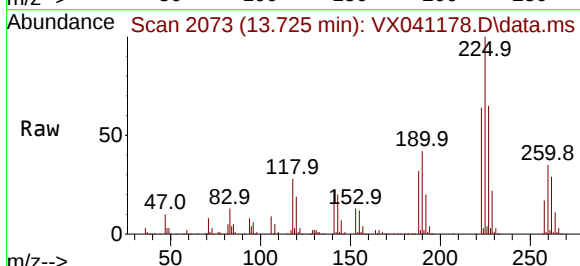
RT: 13.725 min Scan# 2073

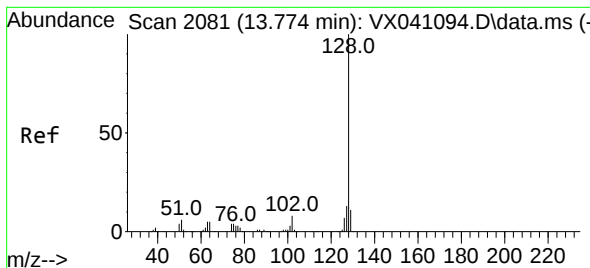
Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Tgt Ion:225	Resp: 108132
Ion Ratio	Lower Upper
225 100	
223 63.2	31.1 93.2
227 64.4	32.5 97.5





#95

Naphthalene

Concen: 56.530 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

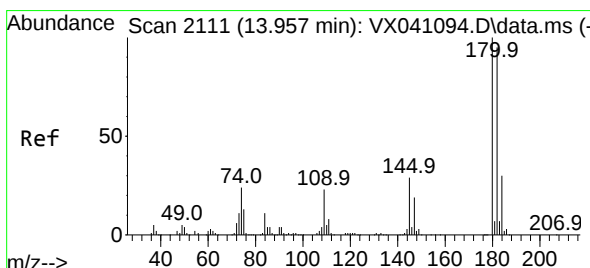
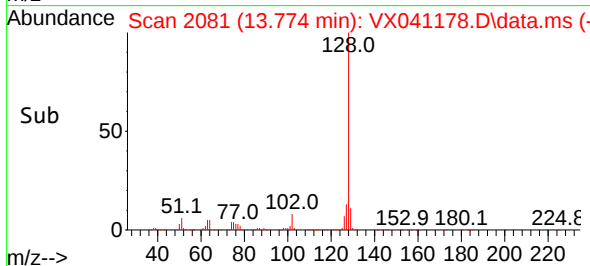
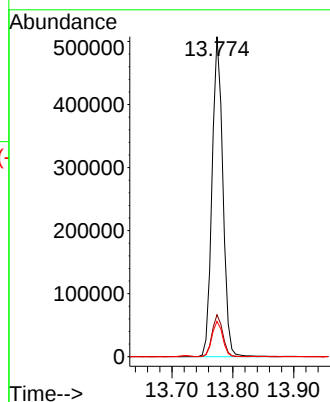
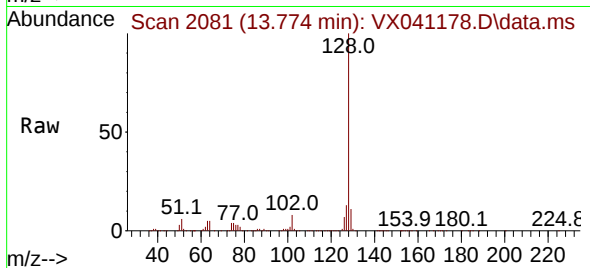
Tgt Ion:	128	Resp:	621910
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 54.522 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041178.D

Acq: 19 Apr 2024 15:46

Tgt Ion:	180	Resp:	220508
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.9	140.6
145	28.8	17.8	53.5

