

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033976.D
 Acq On : 31 Jan 2023 17:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 02:16:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	161355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74492	43.847	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.700%		
35) Dibromofluoromethane	5.379	113	69541	50.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.220%		
50) Toluene-d8	8.647	98	247369	48.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	97119	51.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53863	42.242	ug/l	100
3) Chloromethane	1.295	50	64766	45.983	ug/l	99
4) Vinyl Chloride	1.374	62	66188	48.423	ug/l	98
5) Bromomethane	1.605	94	30504	38.841	ug/l	100
6) Chloroethane	1.685	64	41069	48.599	ug/l	100
7) Trichlorofluoromethane	1.886	101	99126	44.718	ug/l	98
8) Diethyl Ether	2.130	74	41106	56.635	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	68146	53.297	ug/l	93
10) Methyl Iodide	2.453	142	91999	51.332	ug/l	92
11) Tert butyl alcohol	2.953	59	66085	223.915	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	63881	48.656	ug/l	89
13) Acrolein	2.233	56	65170	239.324	ug/l	99
14) Allyl chloride	2.660	41	111318	44.953	ug/l	88
15) Acrylonitrile	3.056	53	188181	242.273	ug/l	100
16) Acetone	2.374	43	168257	273.692	ug/l	92
17) Carbon Disulfide	2.514	76	124266	37.859	ug/l	98
18) Methyl Acetate	2.697	43	117078	49.379	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	218885	48.002	ug/l	99
20) Methylene Chloride	2.788	84	71841	48.561	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	68109	44.375	ug/l	96
22) Diisopropyl ether	3.751	45	234352	47.037	ug/l	98
23) Vinyl Acetate	3.715	43	883305	235.508	ug/l	98
24) 1,1-Dichloroethane	3.605	63	126262	46.320	ug/l	100
25) 2-Butanone	4.544	43	254814	229.552	ug/l	96
26) 2,2-Dichloropropane	4.471	77	90430	46.314	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	82544	46.779	ug/l	96
28) Bromochloromethane	4.891	49	56657	45.630	ug/l	93
29) Tetrahydrofuran	4.995	42	164717	235.436	ug/l	97
30) Chloroform	5.087	83	131063	46.944	ug/l	99
31) Cyclohexane	5.471	56	105800	42.321	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	111154	46.631	ug/l	97
36) 1,1-Dichloropropene	5.690	75	94157	46.491	ug/l	99
37) Ethyl Acetate	4.702	43	98796	51.192	ug/l	99
38) Carbon Tetrachloride	5.678	117	98508	46.962	ug/l	98
39) Methylcyclohexane	7.379	83	114093	45.618	ug/l	95
40) Benzene	6.031	78	288019	48.791	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	57433	51.461	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98287	46.982	ug/l	98
43) Isopropyl Acetate	6.330	43	158899	49.699	ug/l	98
44) Trichloroethene	7.123	130	85385	51.725	ug/l	99
45) 1,2-Dichloropropane	7.428	63	74035	50.065	ug/l	100
46) Dibromomethane	7.574	93	51222	49.590	ug/l	95
47) Bromodichloromethane	7.818	83	100243	50.358	ug/l	98
48) Methyl methacrylate	7.690	41	80873	50.214	ug/l	96
49) 1,4-Dioxane	7.665	88	31931	896.293	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	505637	257.507	ug/l	98
52) Toluene	8.714	92	192303	50.445	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103514	51.998	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	118047	52.922	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	79316	52.562	ug/l	98
56) Ethyl methacrylate	9.116	69	116394	54.809	ug/l	96
57) 1,3-Dichloropropane	9.305	76	128124	52.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	266233	254.555	ug/l	98
59) 2-Hexanone	9.427	43	371213	271.615	ug/l	98
60) Dibromochloromethane	9.519	129	86435	55.250	ug/l	99
61) 1,2-Dibromoethane	9.610	107	82503	54.784	ug/l	99
64) Tetrachloroethene	9.269	164	78674	55.382	ug/l	99
65) Chlorobenzene	10.080	112	213773	51.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	81993	53.180	ug/l	98
67) Ethyl Benzene	10.195	91	363867	50.586	ug/l	99
68) m/p-Xylenes	10.299	106	290327	103.192	ug/l	98
69) o-Xylene	10.640	106	144072	51.636	ug/l	98
70) Styrene	10.653	104	240081	52.909	ug/l	100
71) Bromoform	10.799	173	68902	53.332	ug/l	99
73) Isopropylbenzene	10.964	105	373924	51.261	ug/l	98
74) N-amyl acetate	10.842	43	141765	48.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113791	53.527	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104383m	51.186	ug/l	
77) Bromobenzene	11.195	156	102867	52.303	ug/l	97
78) n-propylbenzene	11.305	91	422904	46.695	ug/l	100
79) 2-Chlorotoluene	11.366	91	249287	51.011	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	314435	47.081	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32118	48.948	ug/l	98
82) 4-Chlorotoluene	11.451	91	286012	51.143	ug/l	98
83) tert-Butylbenzene	11.713	119	326670	49.262	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314719	49.816	ug/l	100
85) sec-Butylbenzene	11.890	105	397501	50.116	ug/l	99
86) p-Isopropyltoluene	12.006	119	343970	50.654	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189786	50.606	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	191168	50.040	ug/l	100
89) n-Butylbenzene	12.329	91	281373	50.649	ug/l	99
90) Hexachloroethane	12.536	117	53489	47.886	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	186691	51.588	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22562	49.816	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	134327	55.104	ug/l	100
94) Hexachlorobutadiene	13.725	225	63350	53.053	ug/l	99
95) Naphthalene	13.774	128	392244	55.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	133808	54.858	ug/l	99

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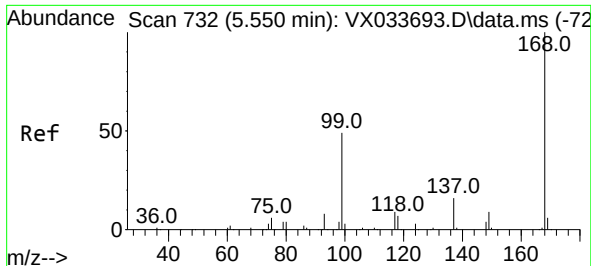
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

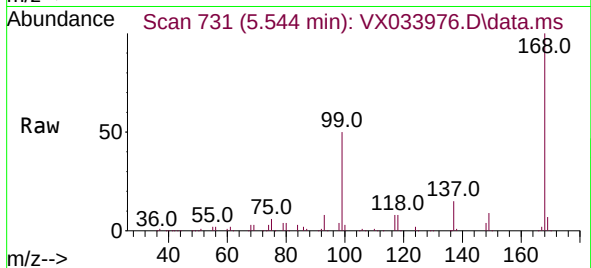
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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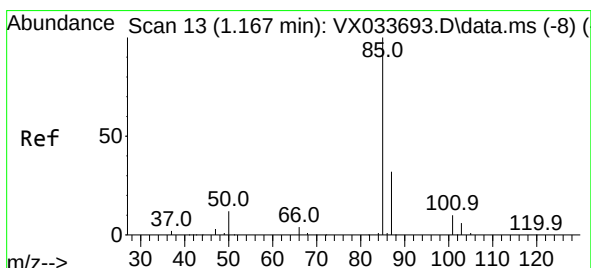
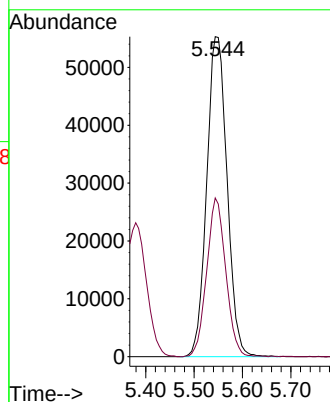
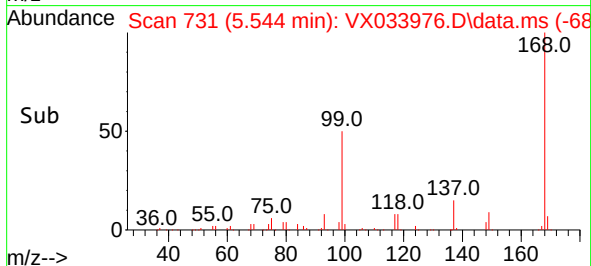
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 16135
Ion Ratio Lower Upper
168 100
99 49.6 39.6 59.4

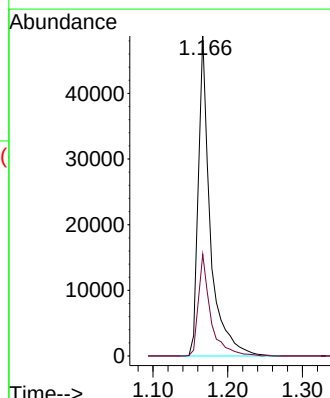
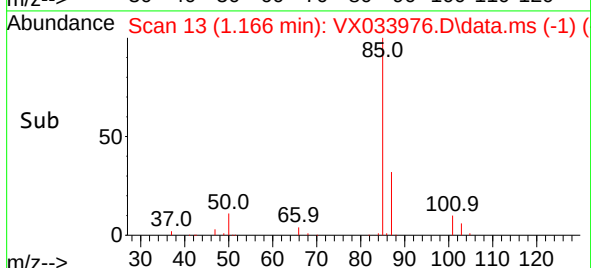
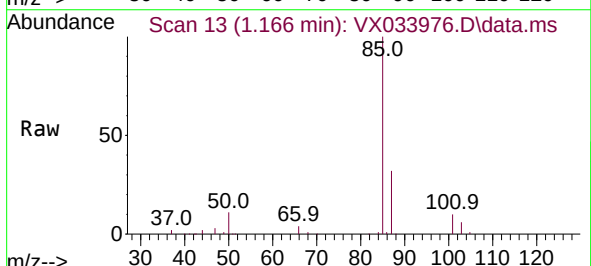
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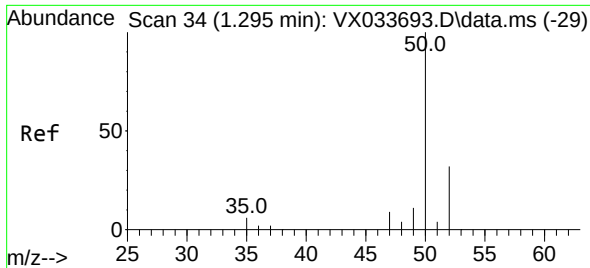
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#2
Dichlorodifluoromethane
Concen: 42.242 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 85 Resp: 53863
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





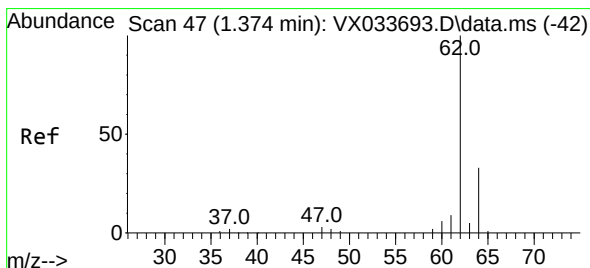
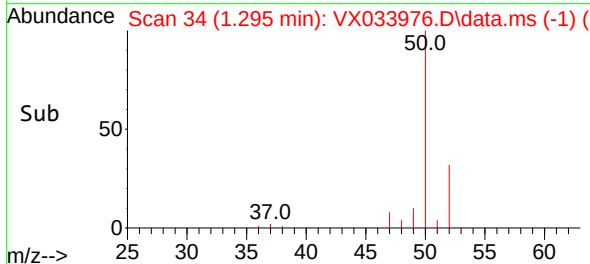
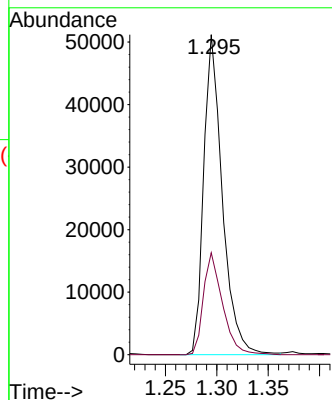
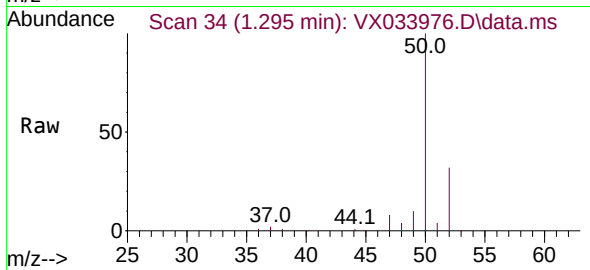
#3
Chloromethane
Concen: 45.983 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

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Tgt Ion: 50 Resp: 64760
Ion Ratio Lower Upper
50 100
52 31.8 25.2 37.8

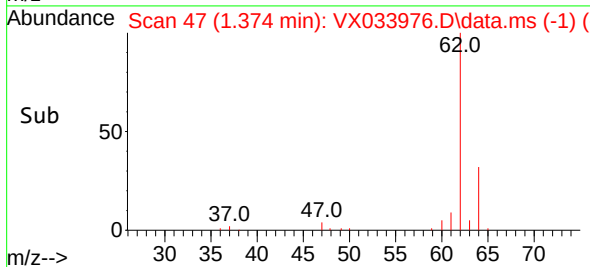
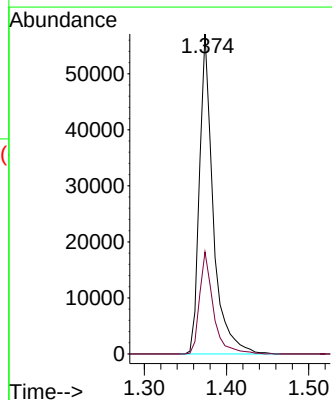
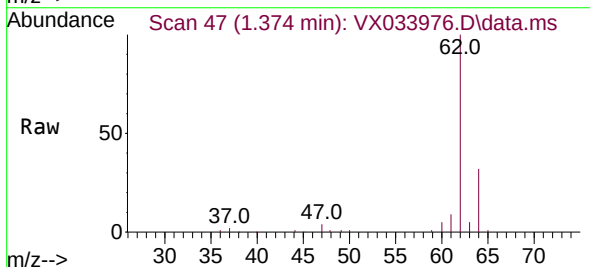
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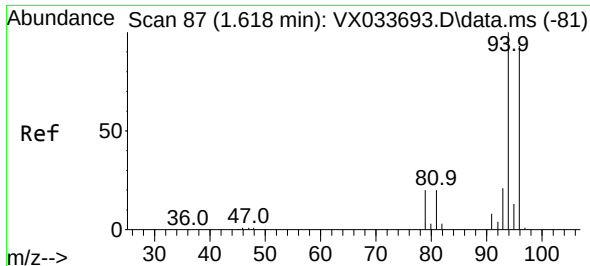
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#4
Vinyl Chloride
Concen: 48.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033976.D
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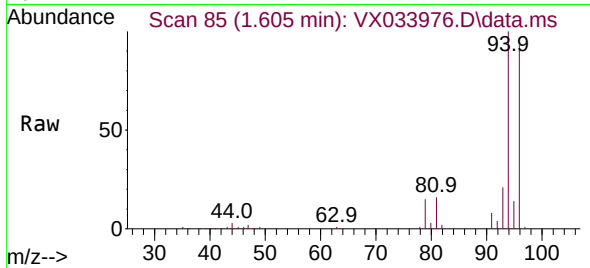
Tgt Ion: 62 Resp: 66188
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





#5
Bromomethane
Concen: 38.841 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

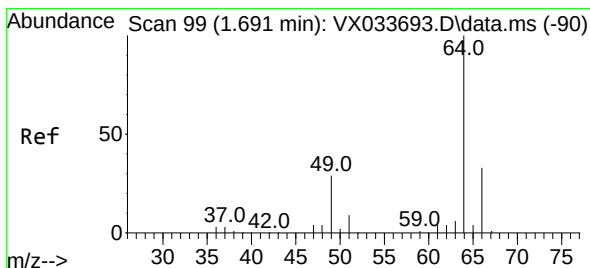
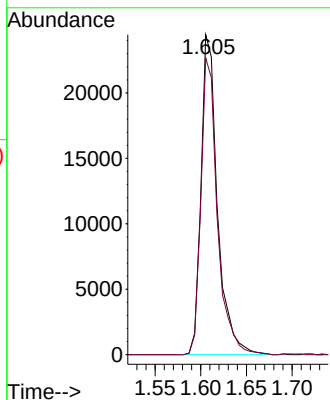
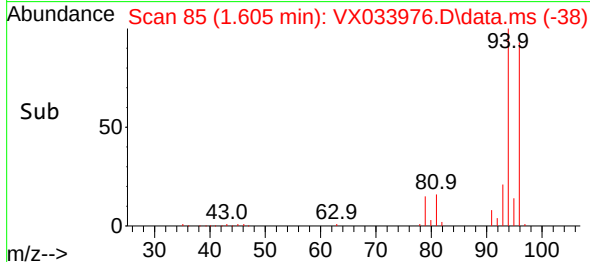
Instrument :
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Tgt Ion: 94 Resp: 30504
Ion Ratio Lower Upper
94 100
96 92.7 74.3 111.5

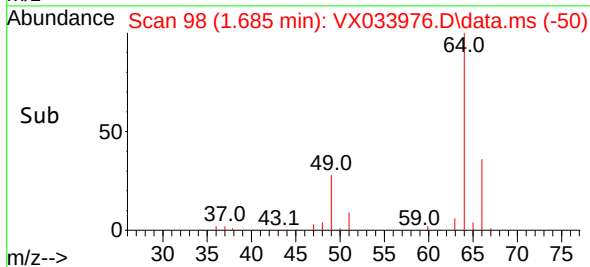
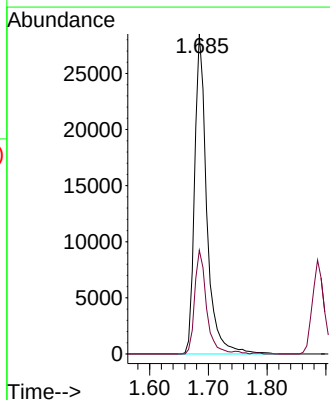
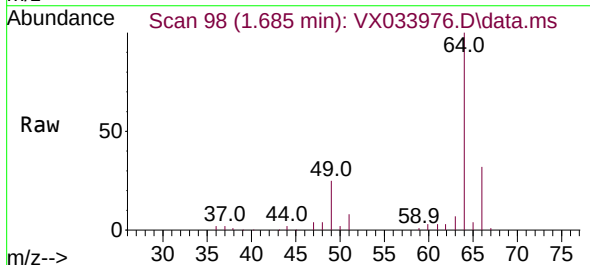
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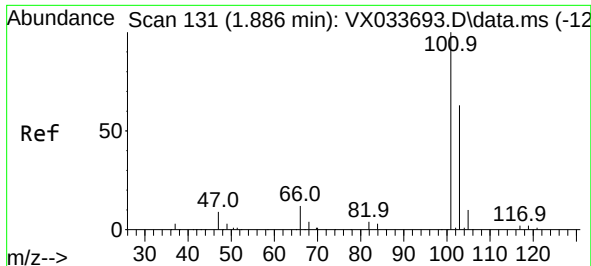
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#6
Chloroethane
Concen: 48.599 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 64 Resp: 41069
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1





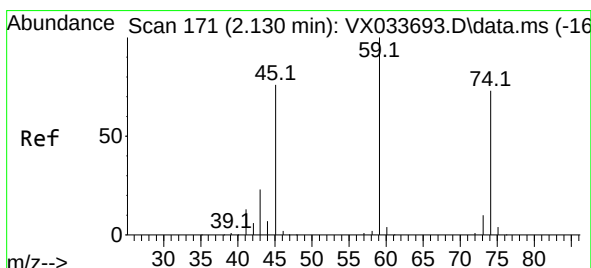
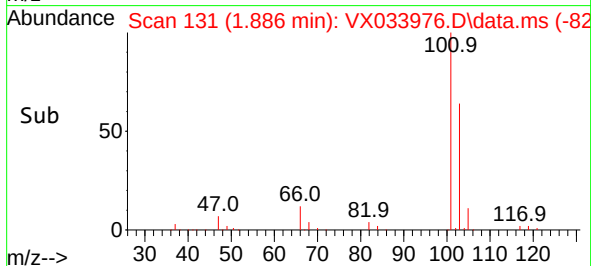
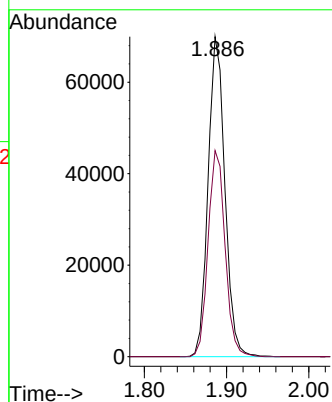
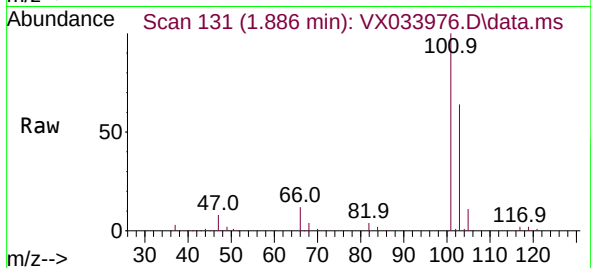
#7
Trichlorofluoromethane
Concen: 44.718 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 99120
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

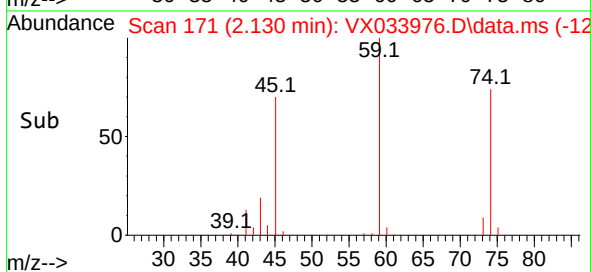
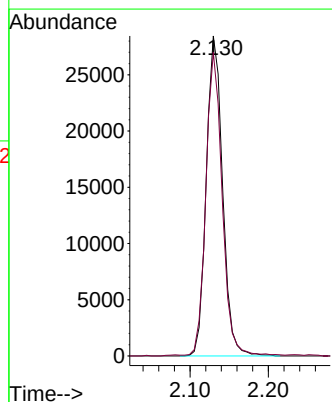
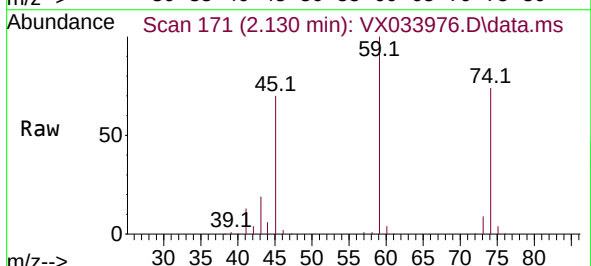
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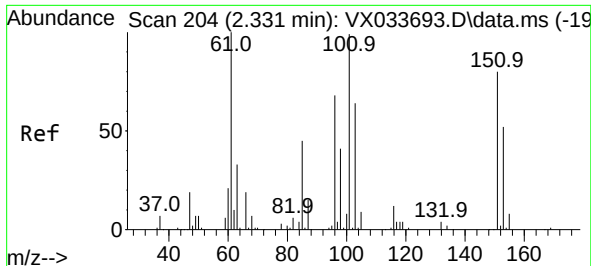
Reviewed By :John Carlone 02/01/2023
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#8
Diethyl Ether
Concen: 56.635 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Acq: 31 Jan 2023 17:28

Tgt Ion: 74 Resp: 41106
Ion Ratio Lower Upper
74 100
45 95.6 51.5 154.5





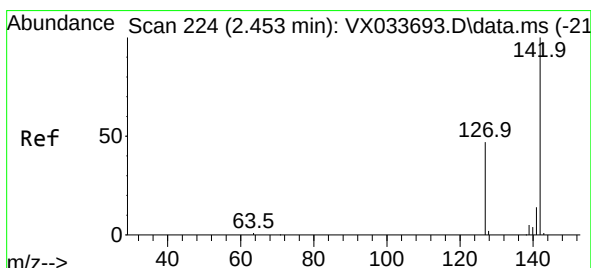
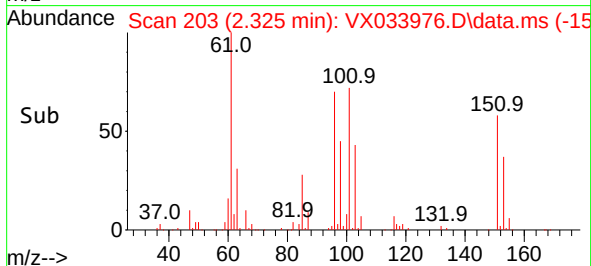
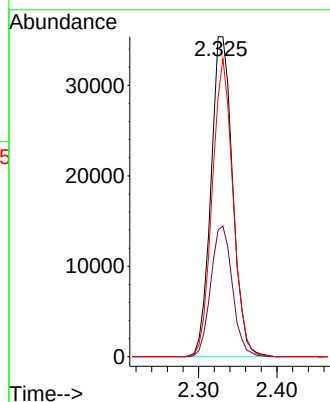
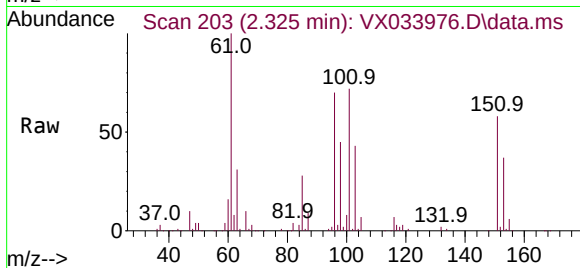
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.297 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX033976.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 68140
Ion Ratio Lower Upper
101 100
85 40.6 36.7 55.1
151 88.9 66.5 99.7

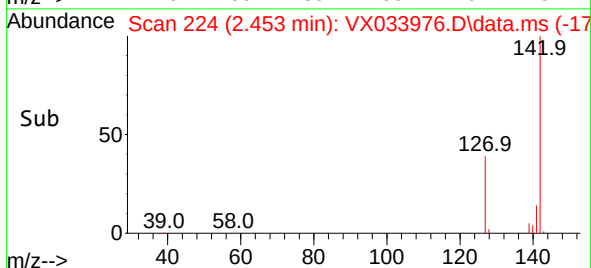
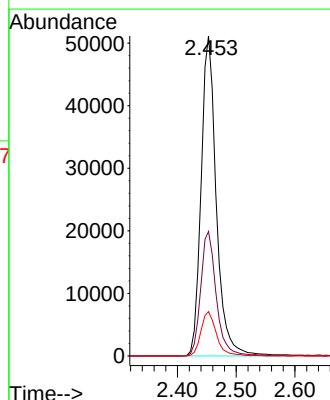
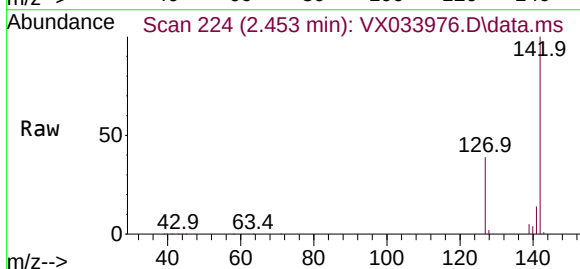
Manual Integrations
APPROVED

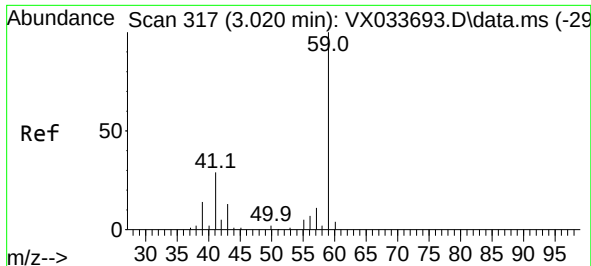
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#10
Methyl Iodide
Concen: 51.332 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion:142 Resp: 91999
Ion Ratio Lower Upper
142 100
127 39.9 37.3 55.9
141 14.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 223.915 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.067 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 6608

Ion Ratio Lower Upper

59 100

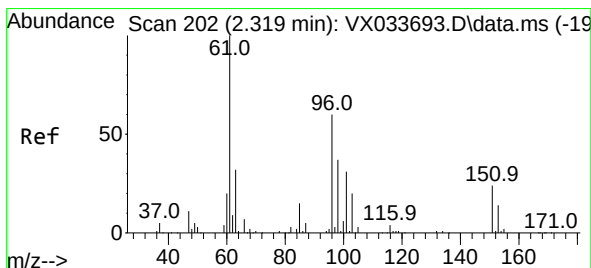
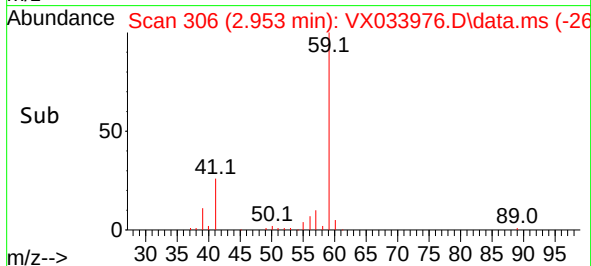
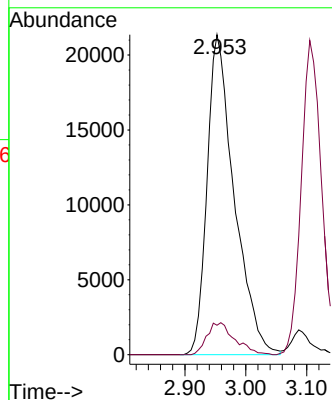
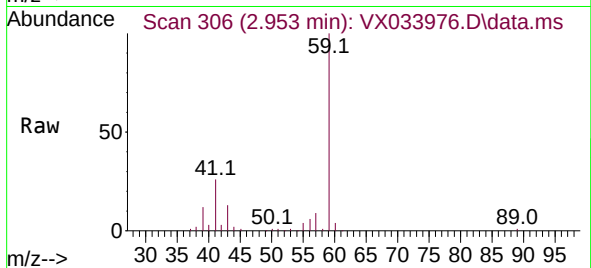
57 10.2 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#12

1,1-Dichloroethene

Concen: 48.656 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

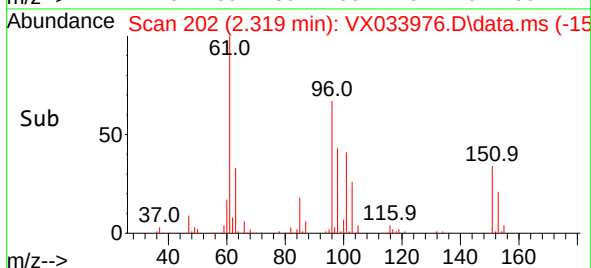
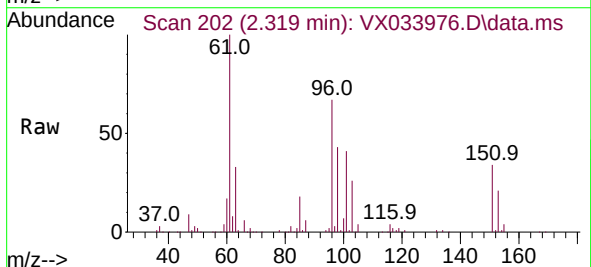
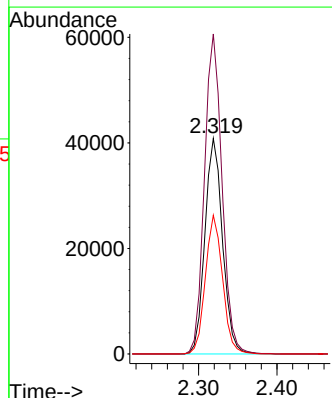
Tgt Ion: 96 Resp: 63881

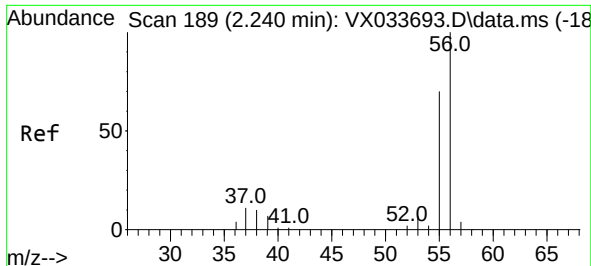
Ion Ratio Lower Upper

96 100

61 148.5 134.2 201.4

98 64.4 50.2 75.2





#13

Acrolein

Concen: 239.324 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 65170

Ion Ratio Lower Upper

56 100

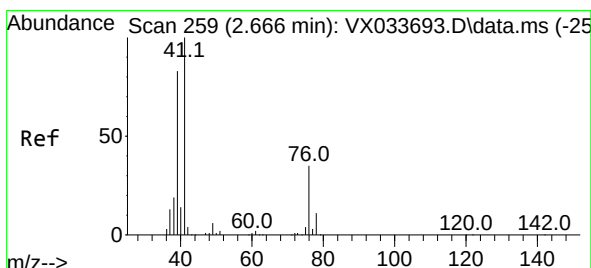
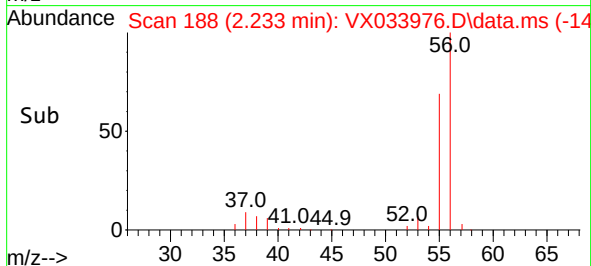
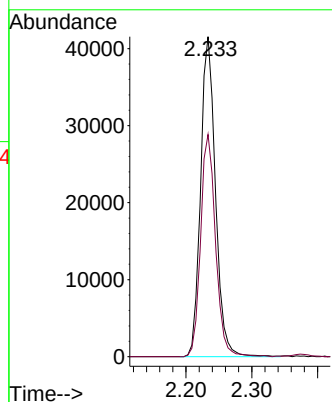
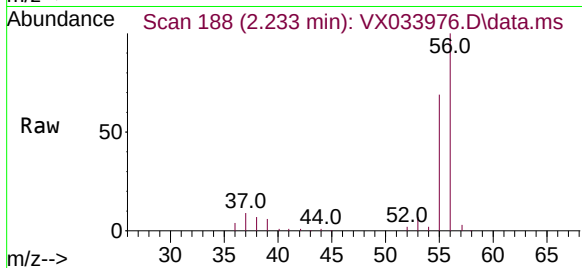
55 69.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#14

Allyl chloride

Concen: 44.953 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

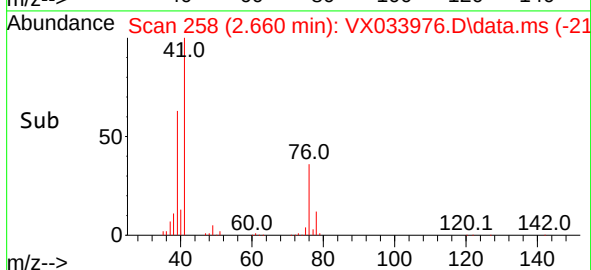
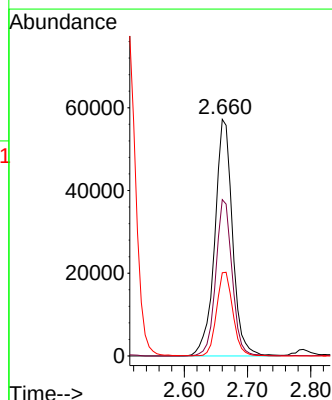
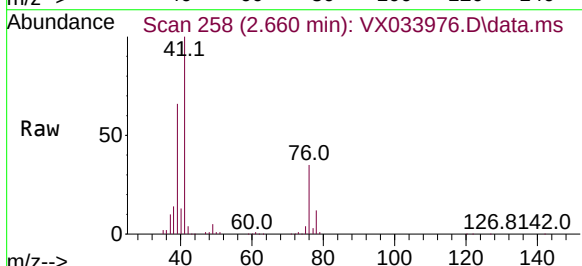
Tgt Ion: 41 Resp: 111318

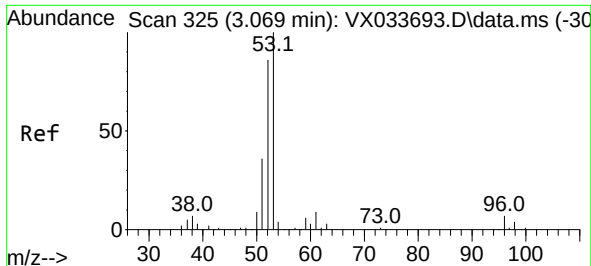
Ion Ratio Lower Upper

41 100

39 60.9 59.0 88.4

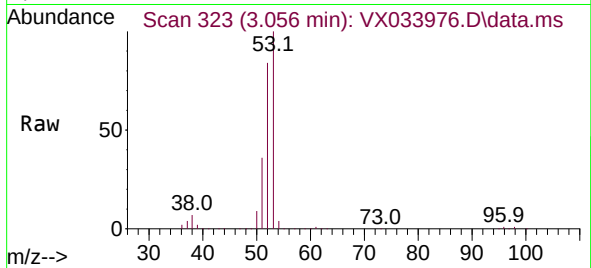
76 32.4 24.6 37.0





#15
Acrylonitrile
Concen: 242.273 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

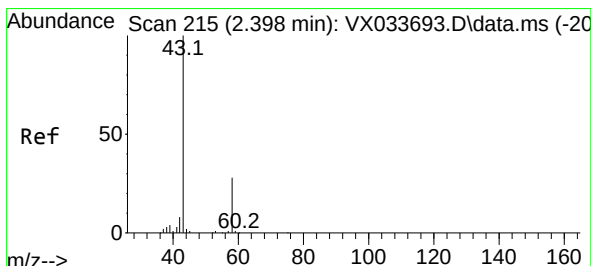
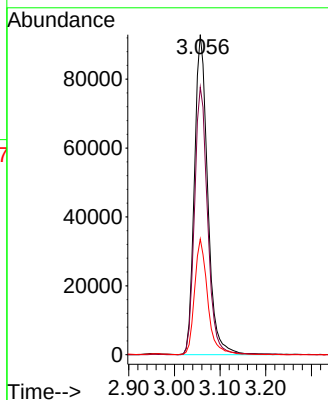
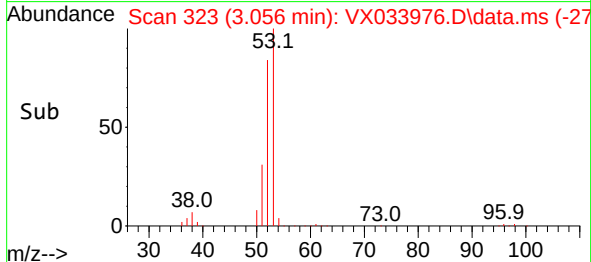
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 18818
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 35.7 29.0 43.4

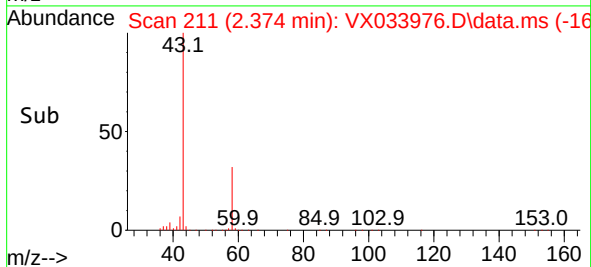
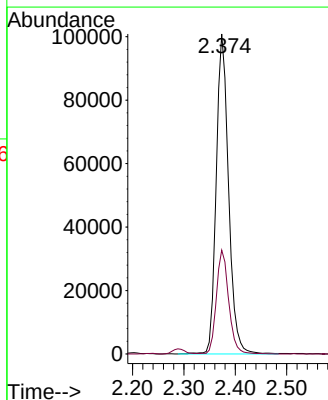
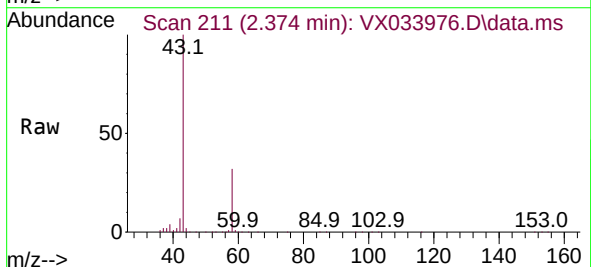
Manual Integrations
APPROVED

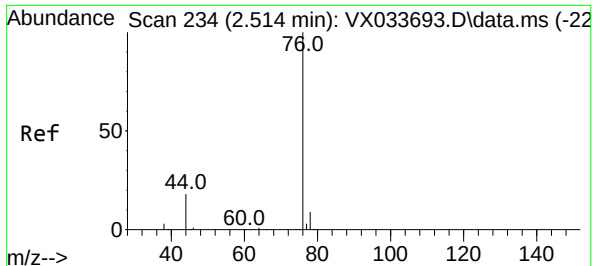
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#16
Acetone
Concen: 273.692 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

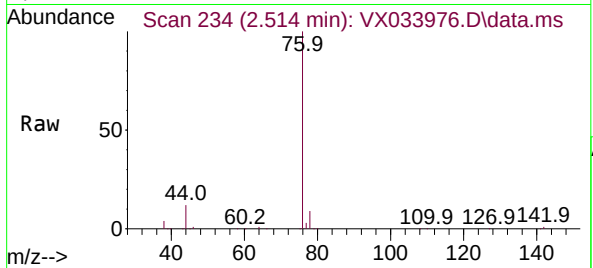
Tgt Ion: 43 Resp: 168257
Ion Ratio Lower Upper
43 100
58 32.5 22.6 33.8





#17
Carbon Disulfide
Concen: 37.859 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

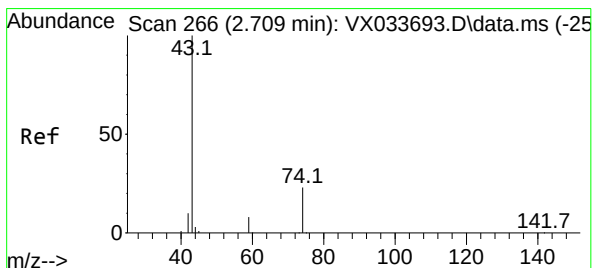
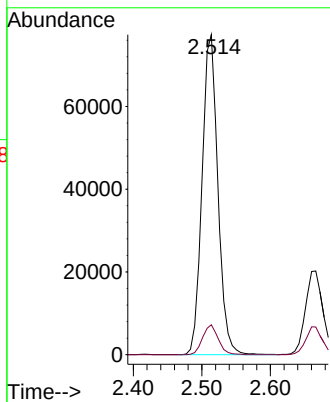
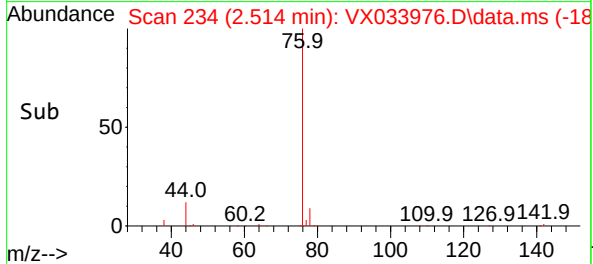
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



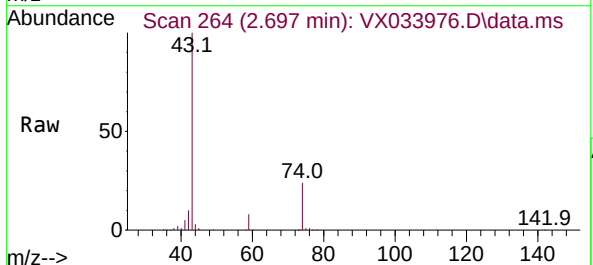
Tgt Ion: 76 Resp: 124260
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

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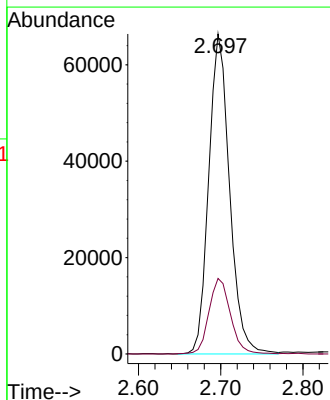
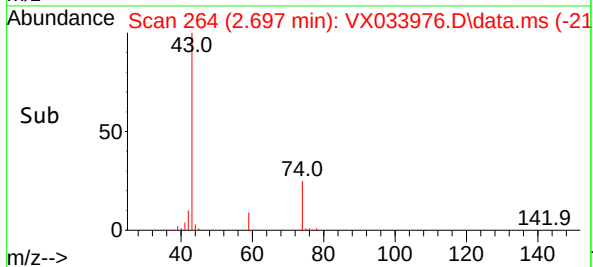
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

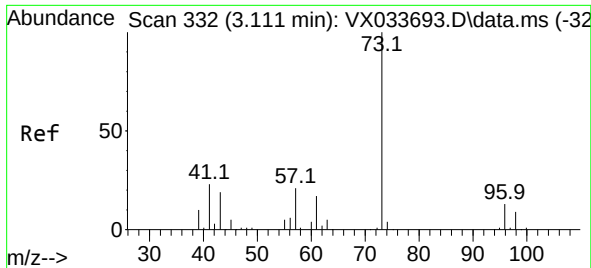


#18
Methyl Acetate
Concen: 49.379 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion: 43 Resp: 117078
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4





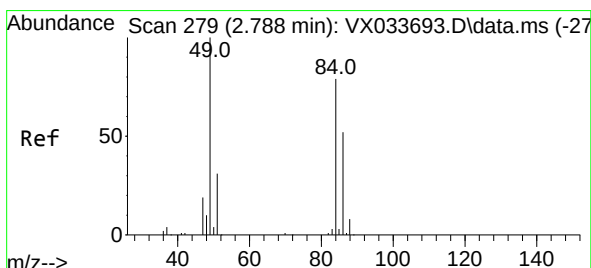
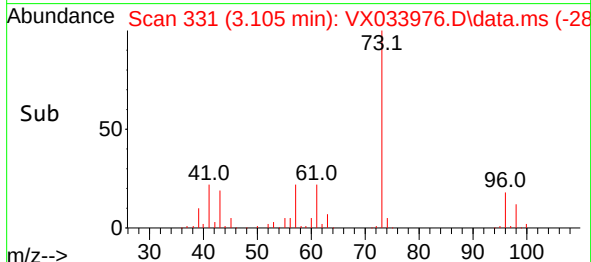
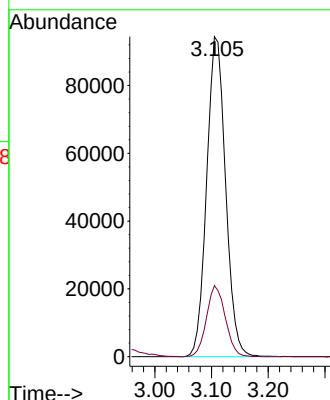
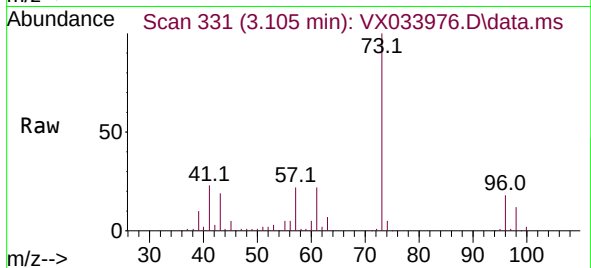
#19
Methyl tert-butyl Ether
Concen: 48.002 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 21888
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

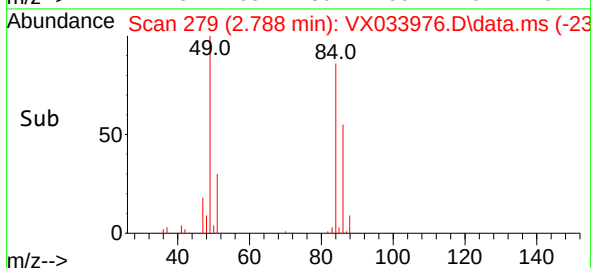
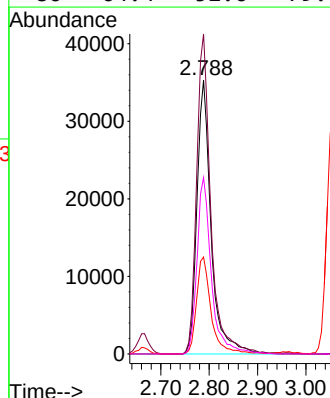
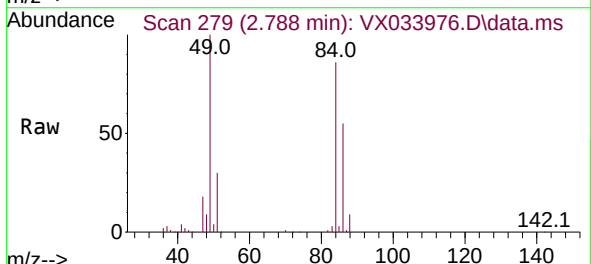
Manual Integrations
APPROVED

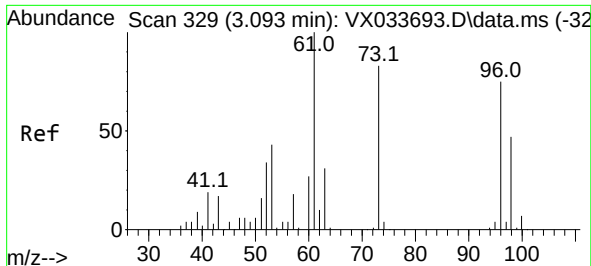
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#20
Methylene Chloride
Concen: 48.561 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

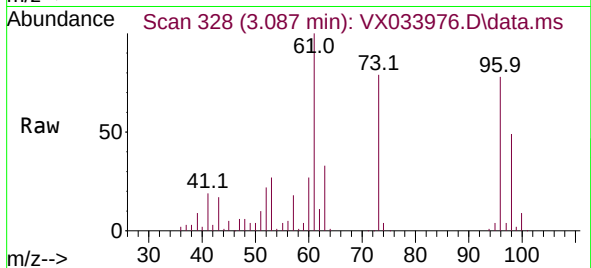
Tgt Ion: 84 Resp: 71841
Ion Ratio Lower Upper
84 100
49 116.9 101.1 151.7
51 35.4 31.0 46.6
86 64.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 44.375 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

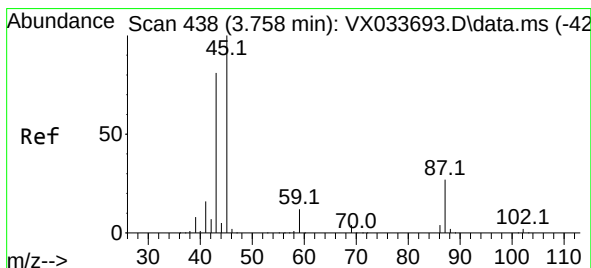
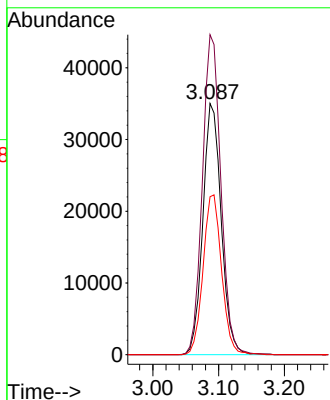
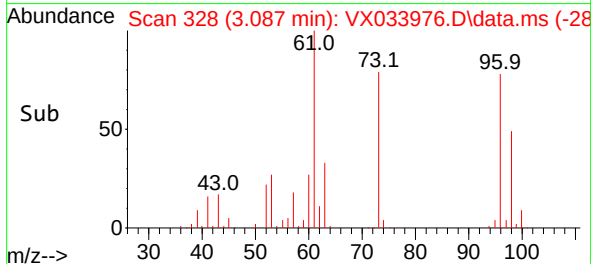
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



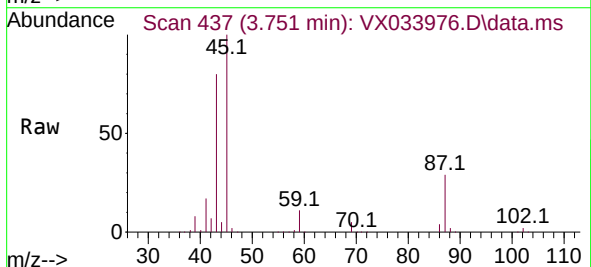
Tgt Ion: 96 Resp: 68109
Ion Ratio Lower Upper
96 100
61 127.4 106.7 160.1
98 62.9 50.0 75.0

Manual Integrations
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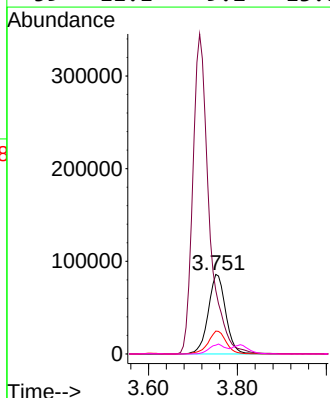
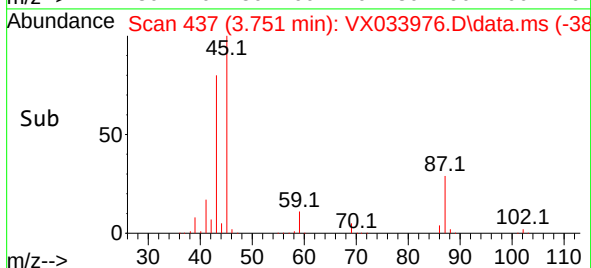
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

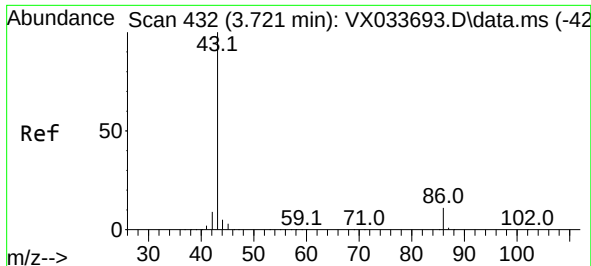


#22
Diisopropyl ether
Concen: 47.037 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion: 45 Resp: 234352
Ion Ratio Lower Upper
45 100
43 79.6 64.6 97.0
87 28.7 21.9 32.9
59 11.1 9.2 13.8





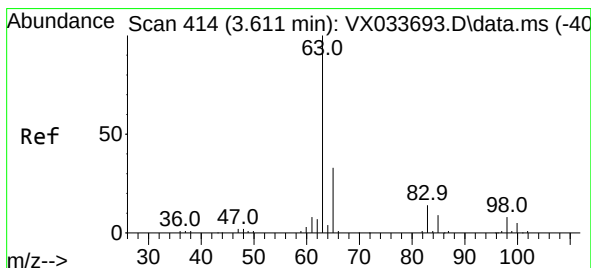
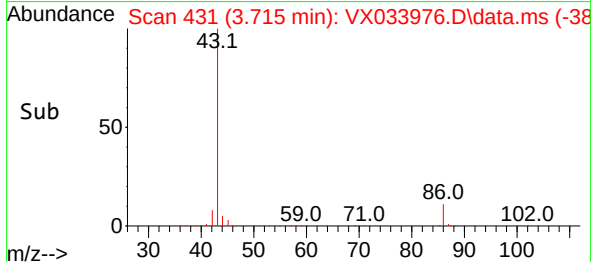
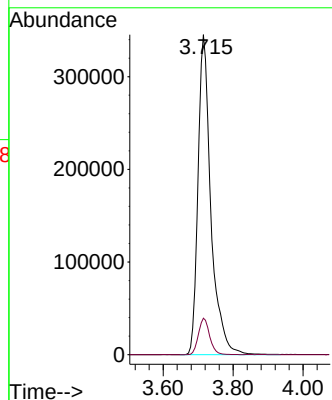
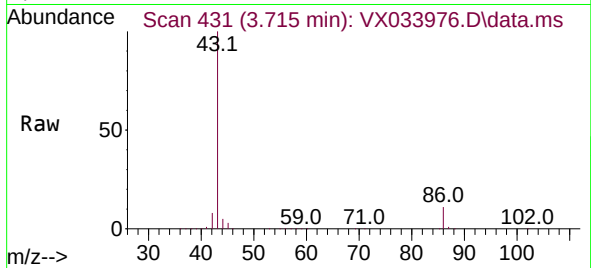
#23
 Vinyl Acetate
 Concen: 235.508 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033976.D
 Acq: 31 Jan 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 883309
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6

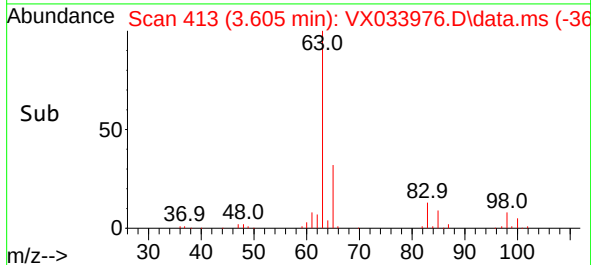
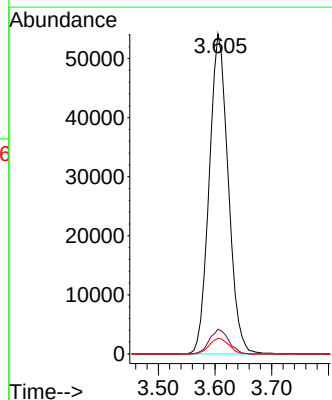
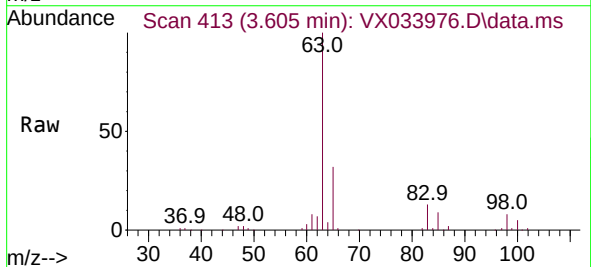
Manual Integrations
 APPROVED

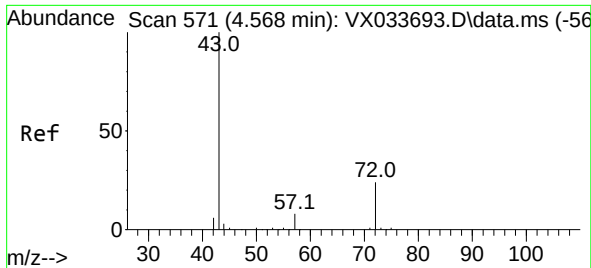
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023



#24
 1,1-Dichloroethane
 Concen: 46.320 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033976.D
 Acq: 31 Jan 2023 17:28

Tgt Ion: 63 Resp: 126262
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.9 2.4 7.2





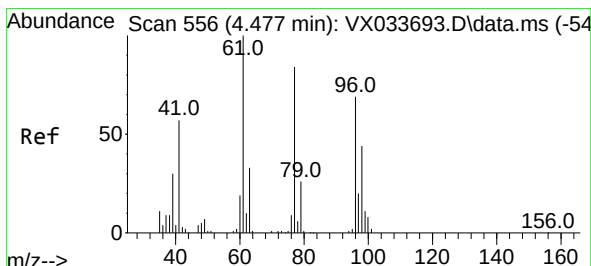
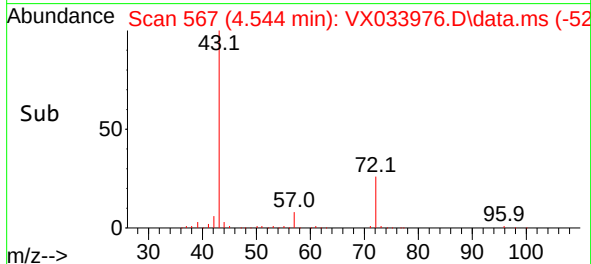
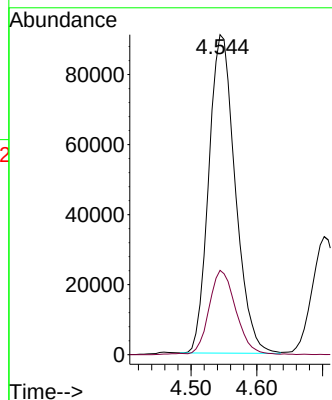
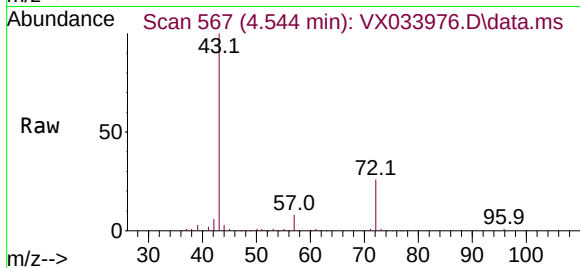
#25
2-Butanone
Concen: 229.552 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.024 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254814
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

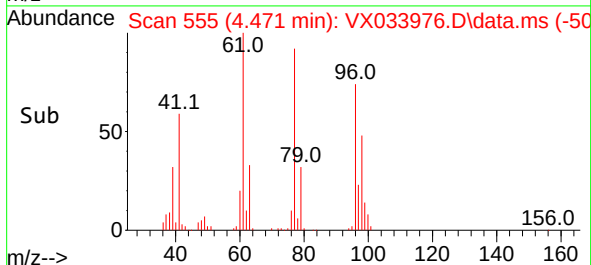
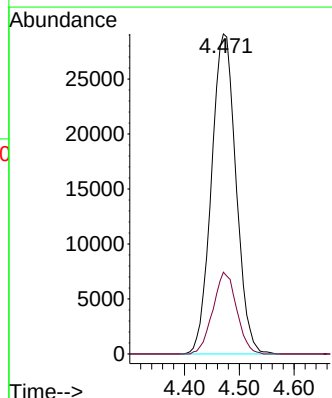
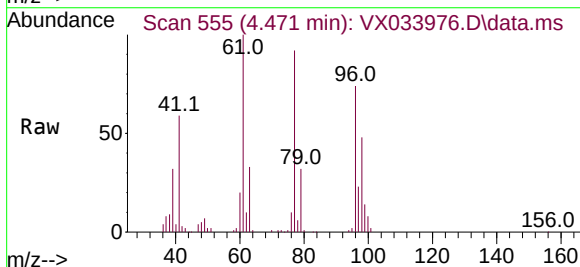
Manual Integrations
APPROVED

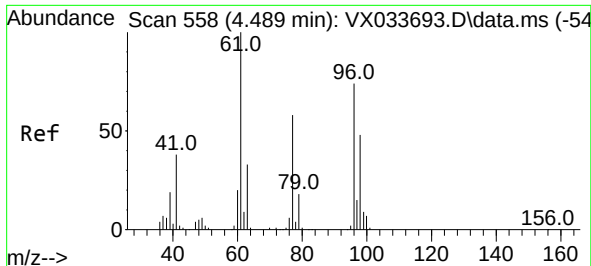
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#26
2,2-Dichloropropane
Concen: 46.314 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 77 Resp: 90430
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.779 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 82544

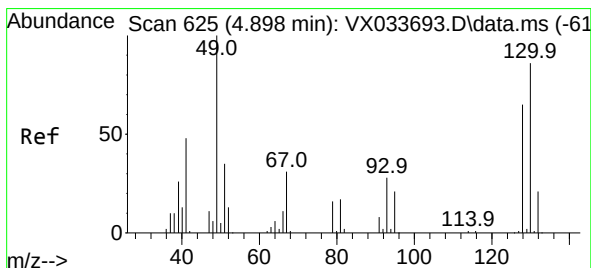
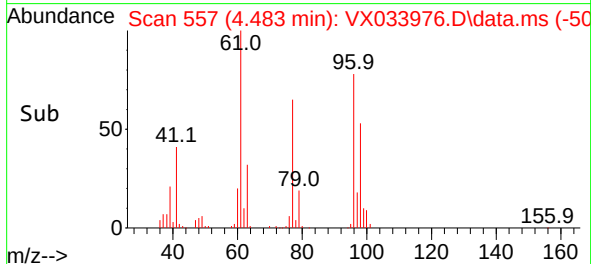
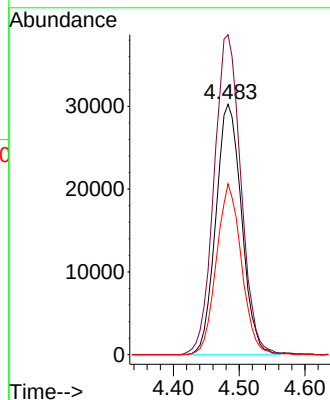
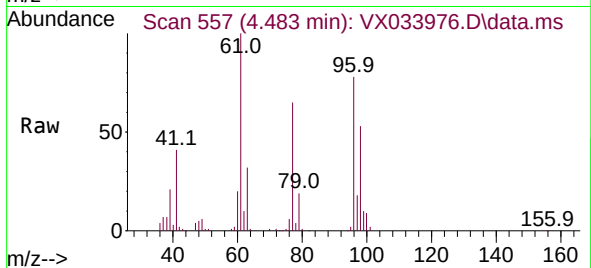
Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	277.6
98	66.3	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#28

Bromochloromethane

Concen: 45.630 ug/l

RT: 4.891 min Scan# 624

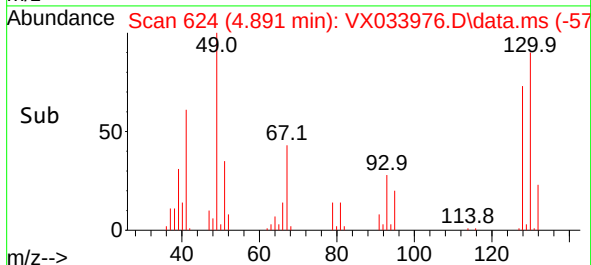
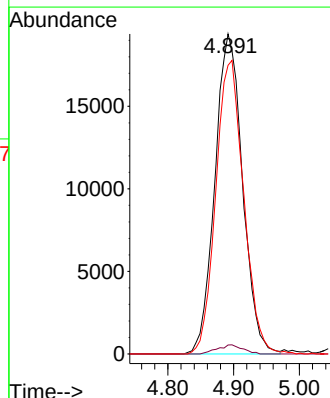
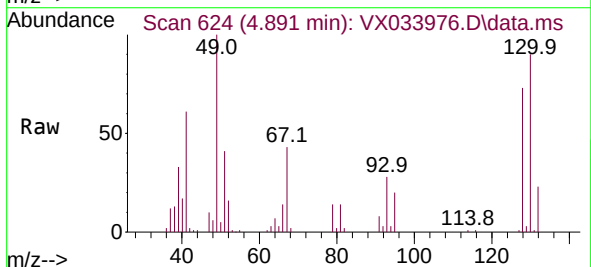
Delta R.T. -0.006 min

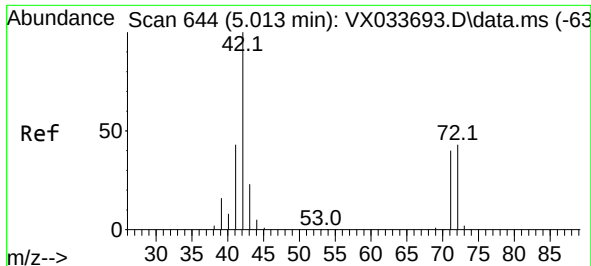
Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion: 49 Resp: 56657

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	92.6	68.5	102.7





#29

Tetrahydrofuran

Concen: 235.436 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.018 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16471

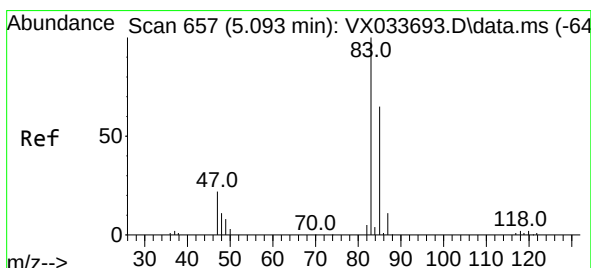
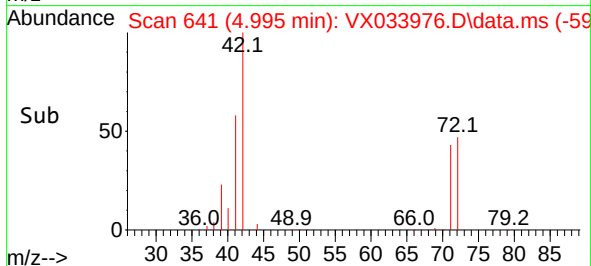
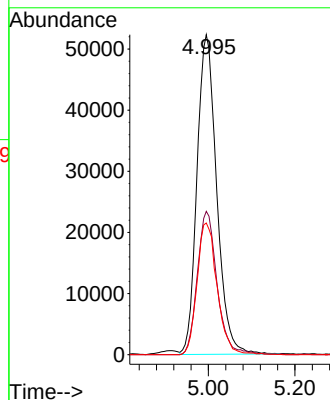
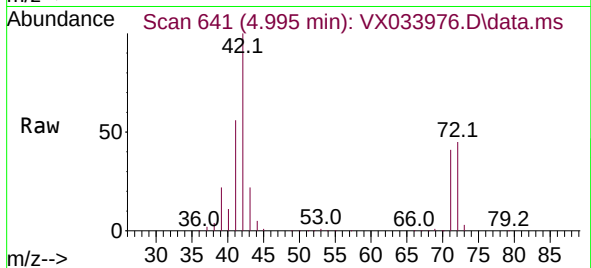
Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.8	52.2
71	42.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#30

Chloroform

Concen: 46.944 ug/l

RT: 5.087 min Scan# 656

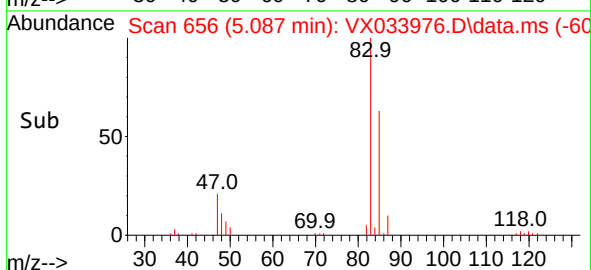
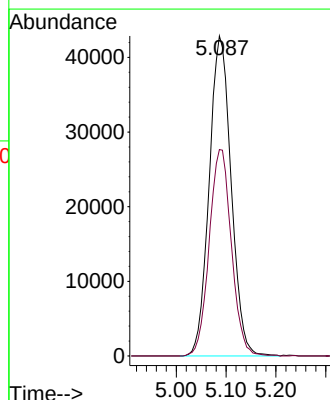
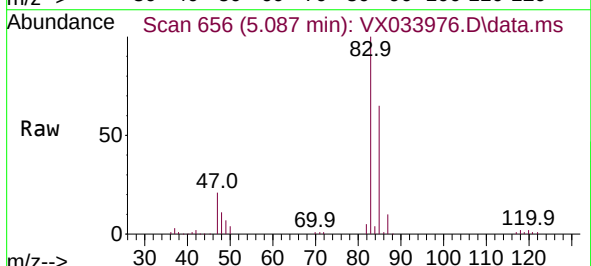
Delta R.T. -0.006 min

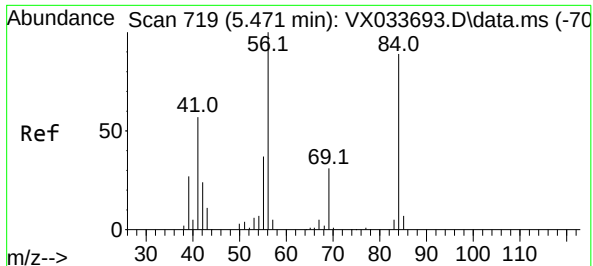
Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion: 83 Resp: 131063

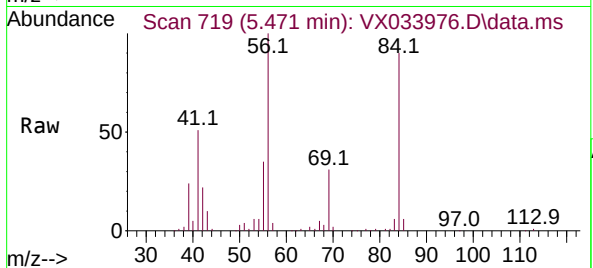
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.1	78.1





#31
Cyclohexane
Concen: 42.321 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

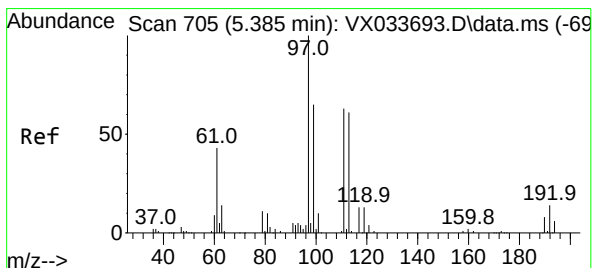
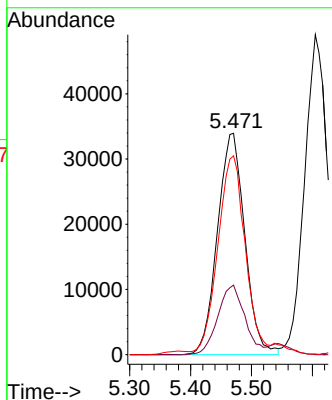
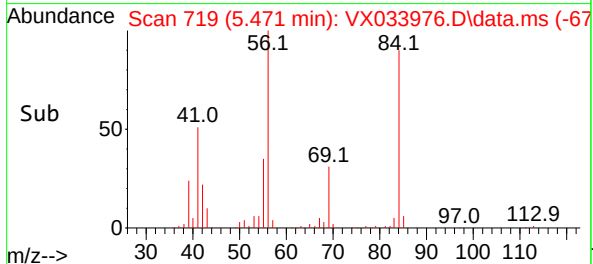
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



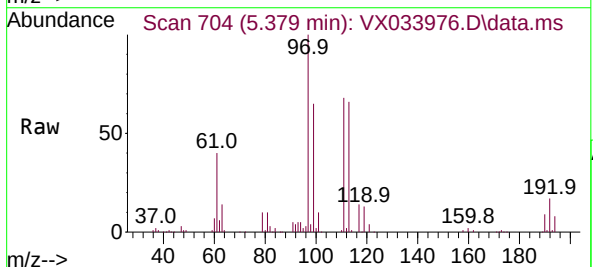
Tgt Ion: 56 Resp: 105800
Ion Ratio Lower Upper
56 100
69 31.4 24.6 37.0
84 88.1 71.0 106.6

Manual Integrations
APPROVED

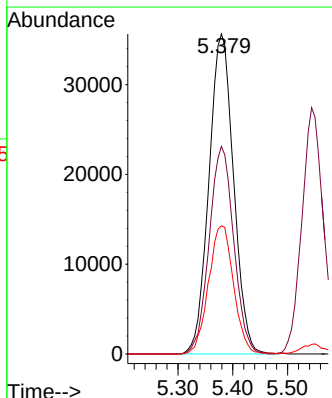
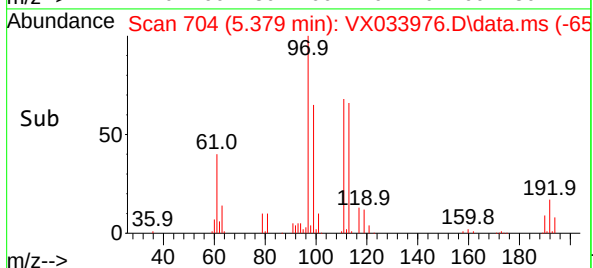
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

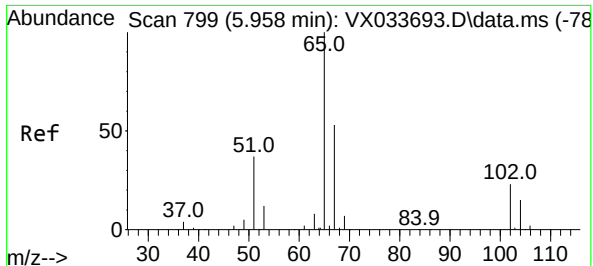


#32
1,1,1-Trichloroethane
Concen: 46.631 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion: 97 Resp: 111154
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 40.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.847 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 74492

Ion Ratio Lower Upper

65 100

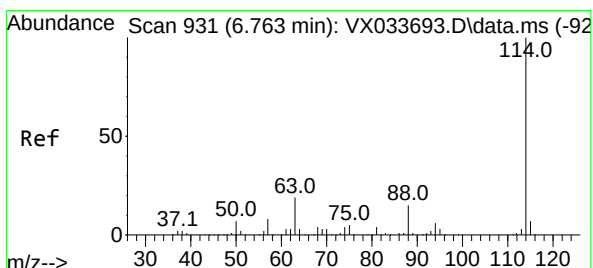
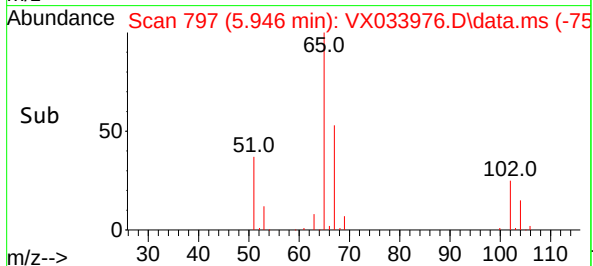
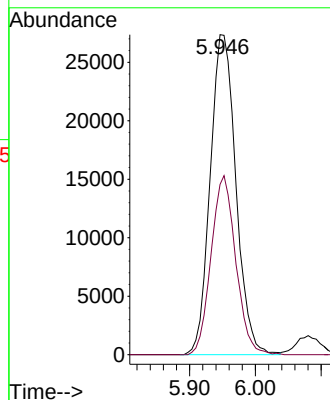
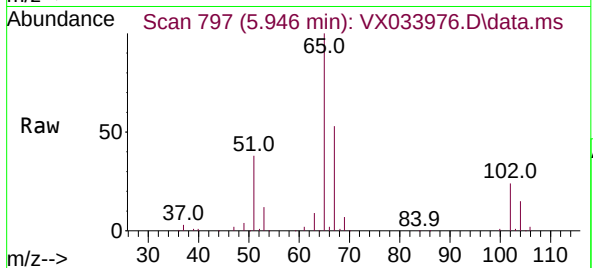
67 53.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

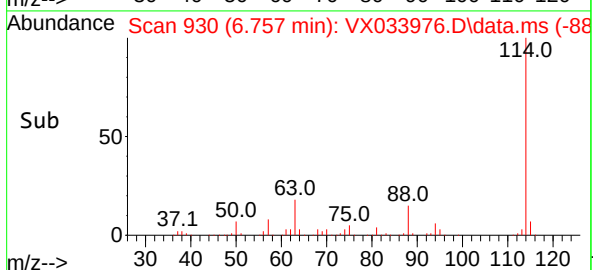
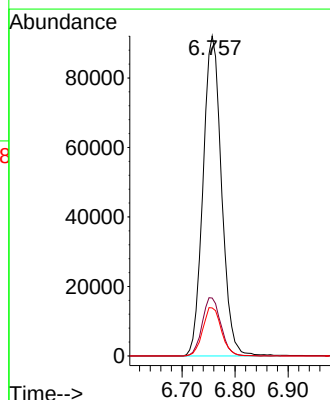
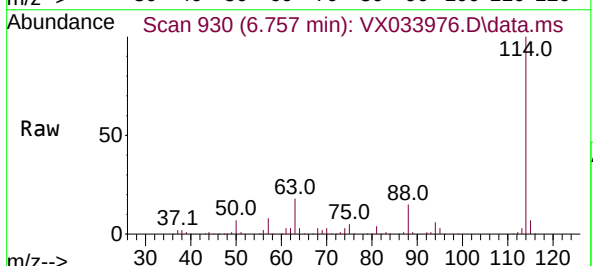
Tgt Ion:114 Resp: 223479

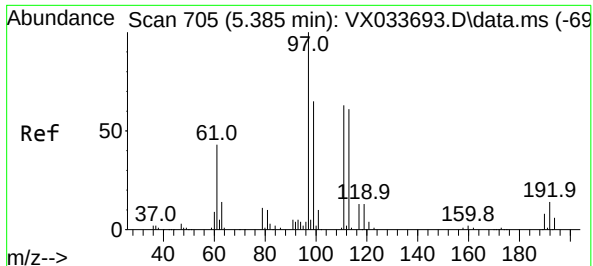
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

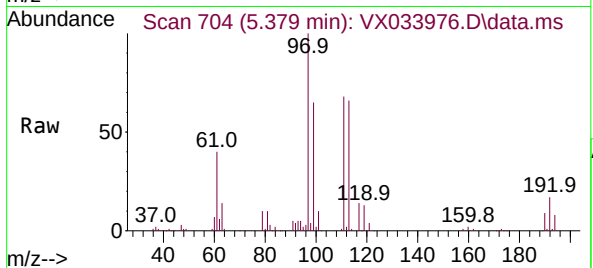
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

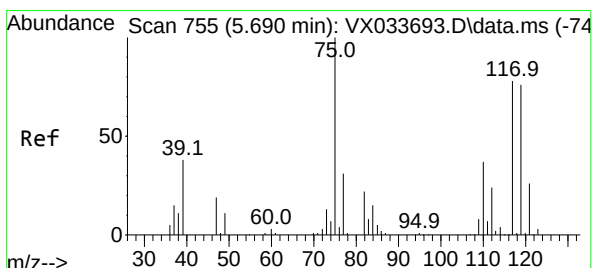
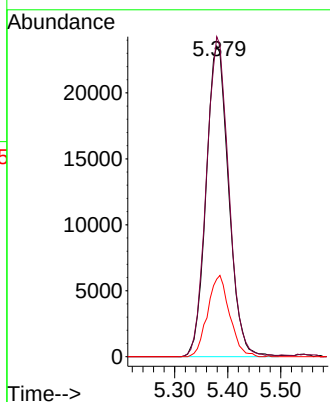
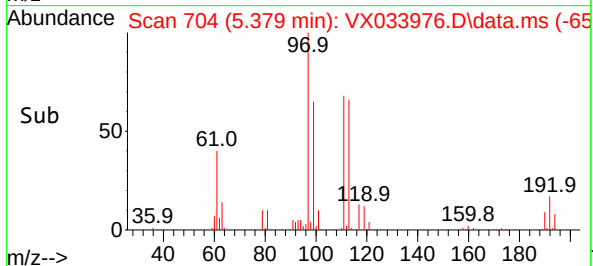
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6954
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 25.5 19.0 28.4

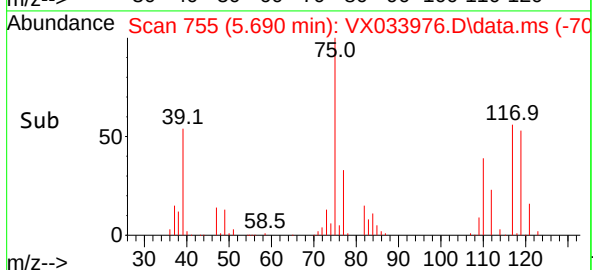
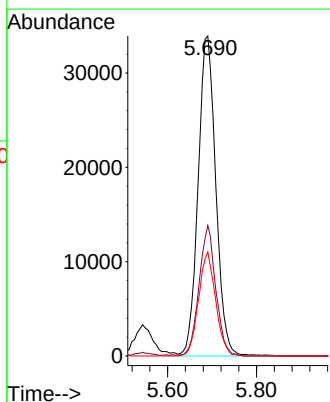
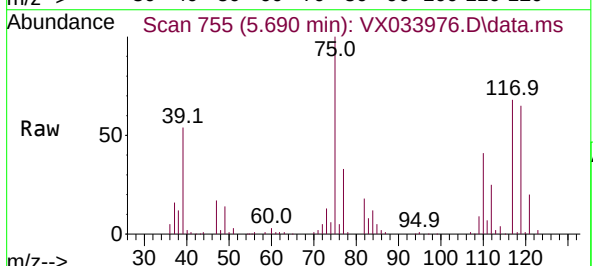
Manual Integrations
APPROVED

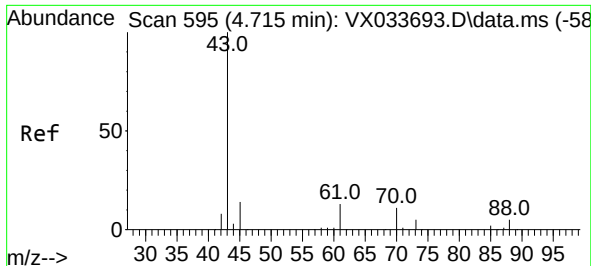
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#36
1,1-Dichloropropene
Concen: 46.491 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 75 Resp: 94157
Ion Ratio Lower Upper
75 100
110 38.3 18.8 56.4
77 31.4 25.1 37.7





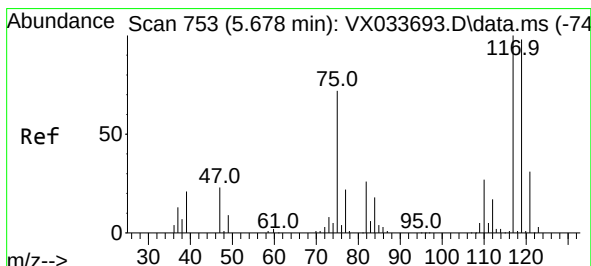
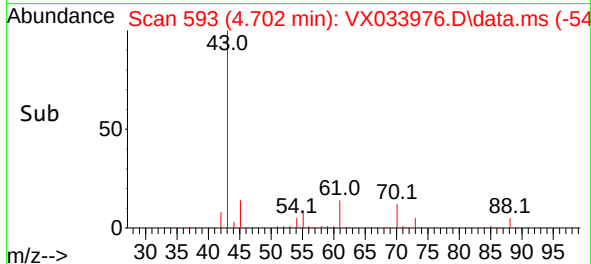
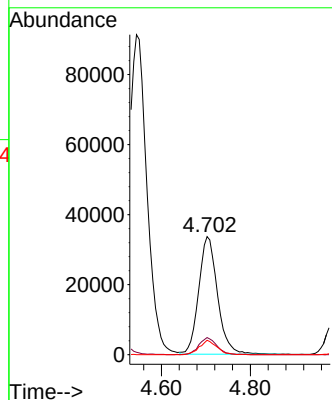
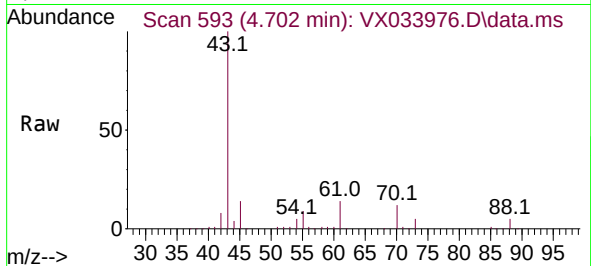
#37
Ethyl Acetate
Concen: 51.192 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.013 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 98790
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.4 8.5 12.7

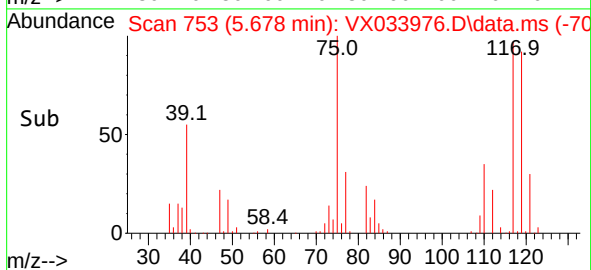
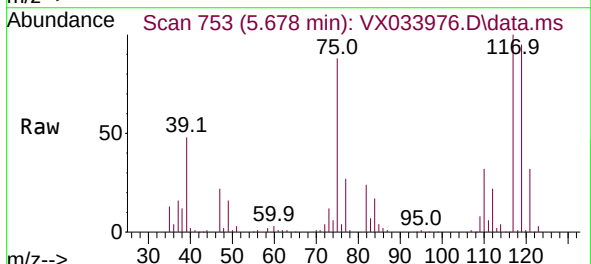
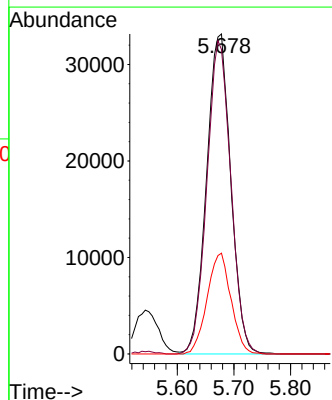
Manual Integrations
APPROVED

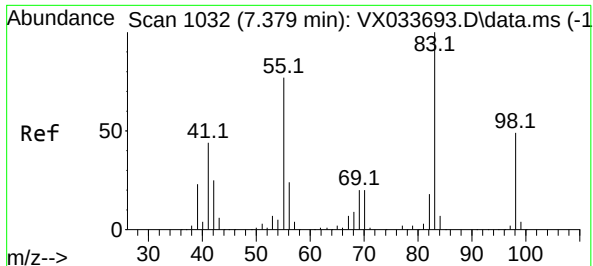
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#38
Carbon Tetrachloride
Concen: 46.962 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion:117 Resp: 98508
Ion Ratio Lower Upper
117 100
119 95.2 78.0 117.0
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 45.618 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11409

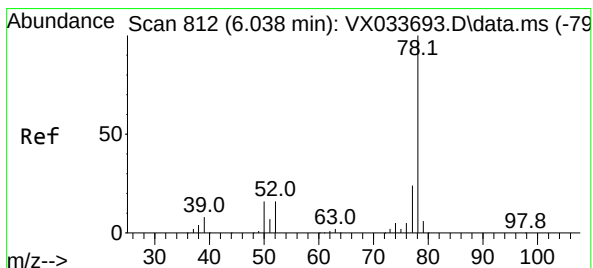
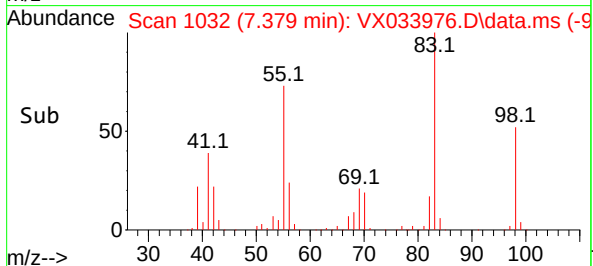
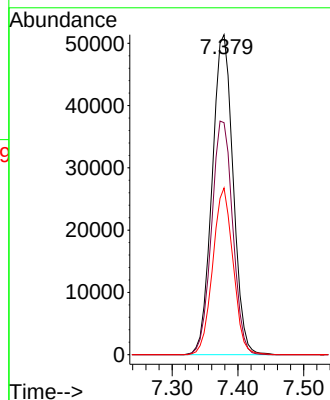
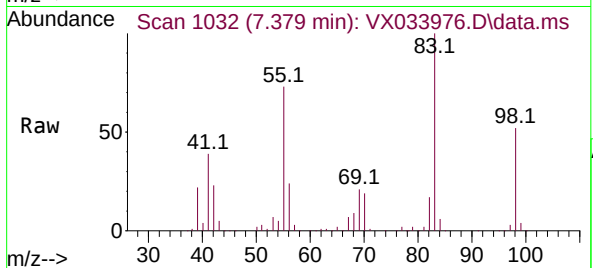
Ion	Ratio	Lower	Upper
83	100		
55	72.5	61.8	92.6
98	52.1	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#40

Benzene

Concen: 48.791 ug/l

RT: 6.031 min Scan# 811

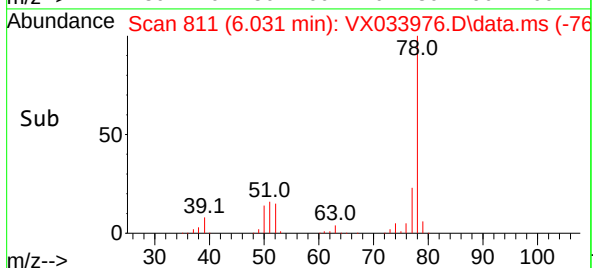
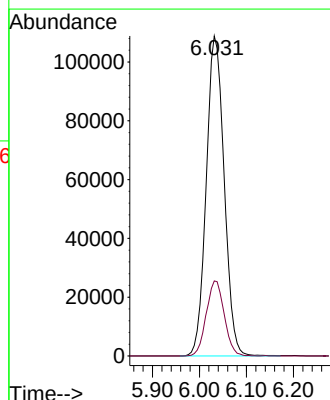
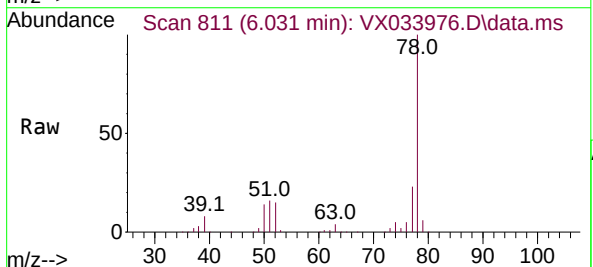
Delta R.T. -0.006 min

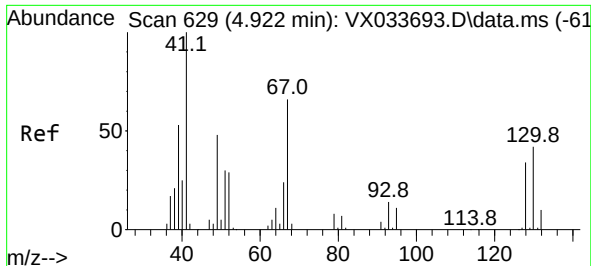
Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion: 78 Resp: 288019

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





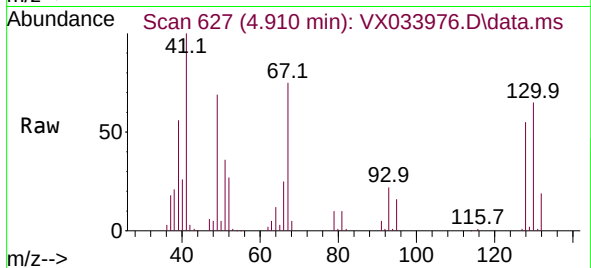
#41
Methacrylonitrile
Concen: 51.461 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



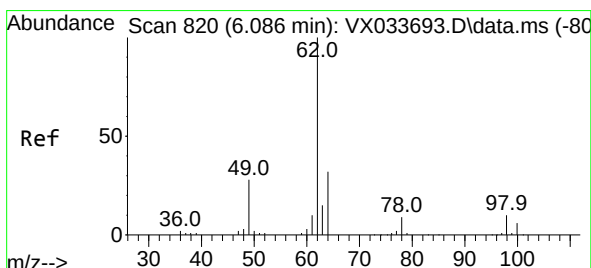
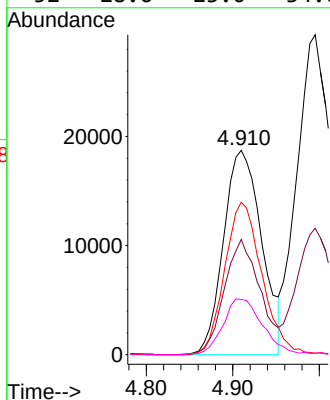
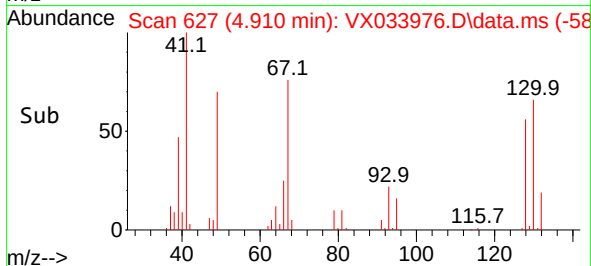
Tgt Ion: 41 Resp: 5743
Ion Ratio Lower Upper
41 100
39 53.0 43.8 65.6
67 73.0 54.8 82.2
52 28.6 23.0 34.6

Manual Integrations

APPROVED

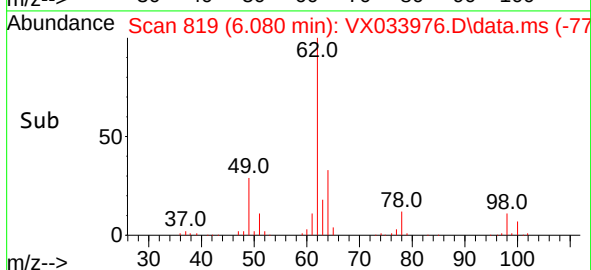
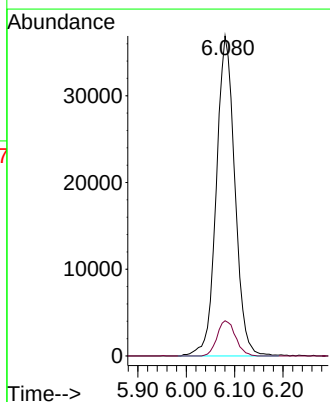
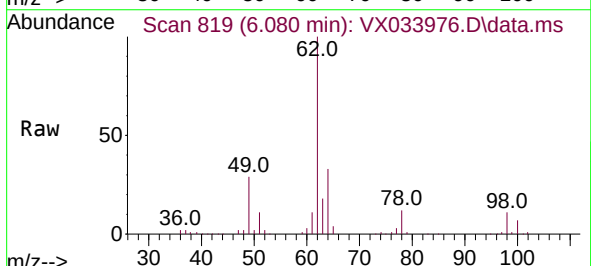
Reviewed By :John Carlone 02/01/2023

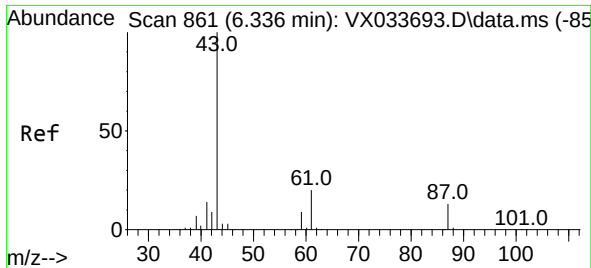
Supervised By :Mahesh Dadoda 02/01/2023



#42
1,2-Dichloroethane
Concen: 46.982 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

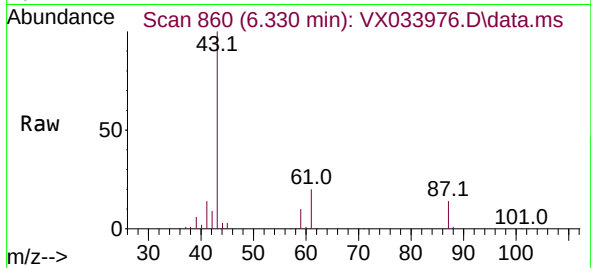
Tgt Ion: 62 Resp: 98287
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.699 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

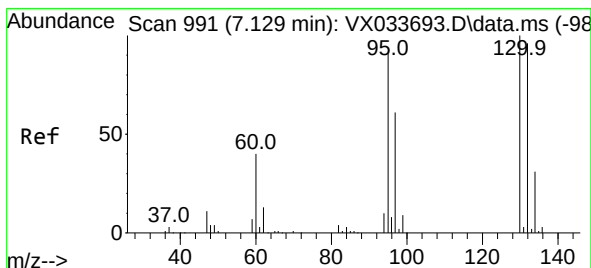
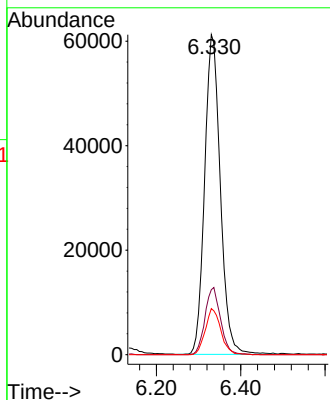
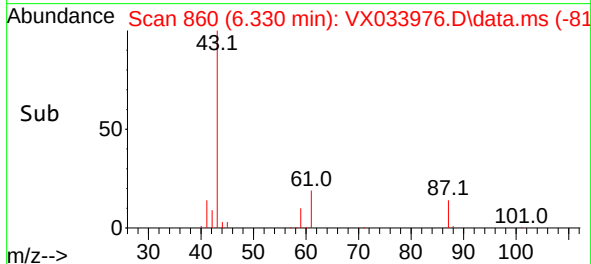
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15889
Ion Ratio Lower Upper
43 100
61 20.7 15.7 23.5
87 14.2 10.6 15.8

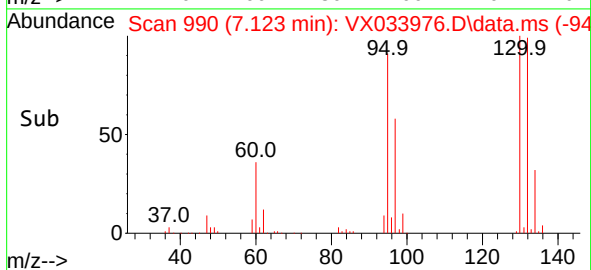
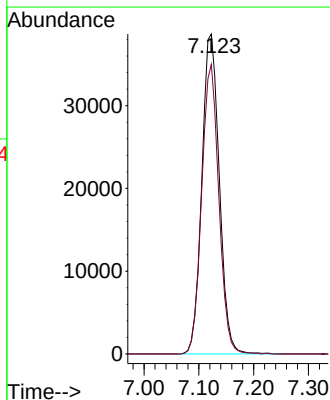
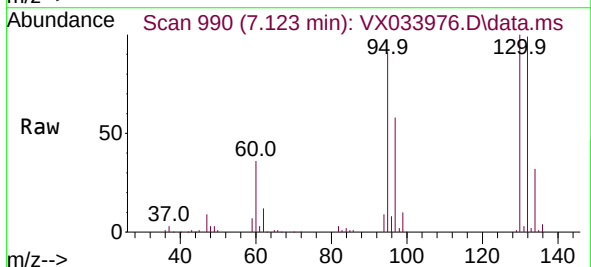
Manual Integrations
APPROVED

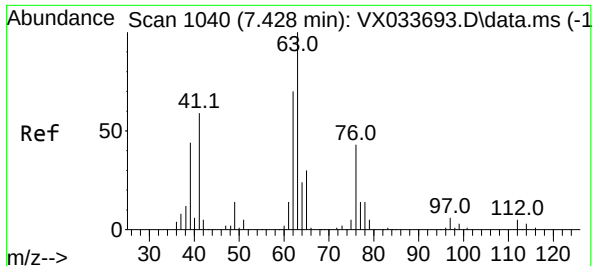
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#44
Trichloroethene
Concen: 51.725 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion:130 Resp: 85385
Ion Ratio Lower Upper
130 100
95 90.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.065 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7403

Ion Ratio Lower Upper

63 100

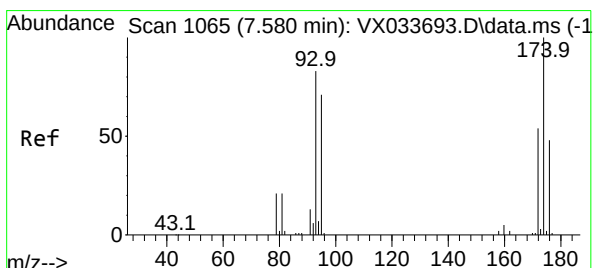
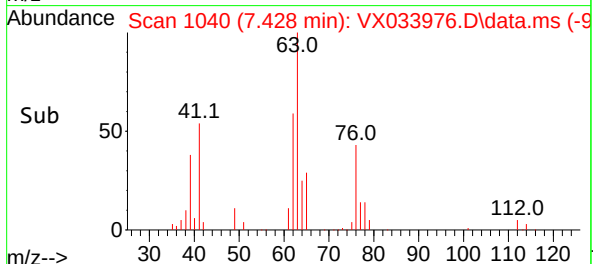
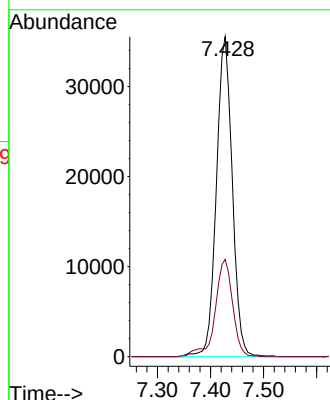
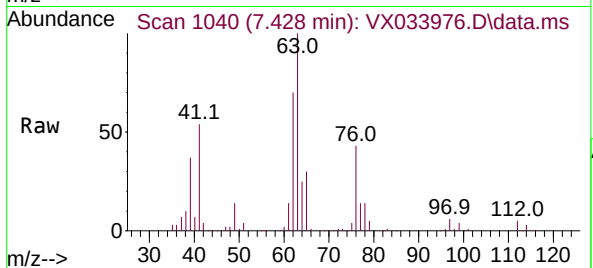
65 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#46

Dibromomethane

Concen: 49.590 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

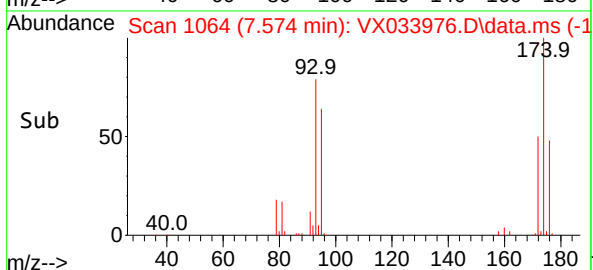
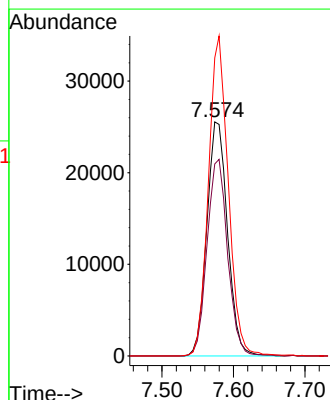
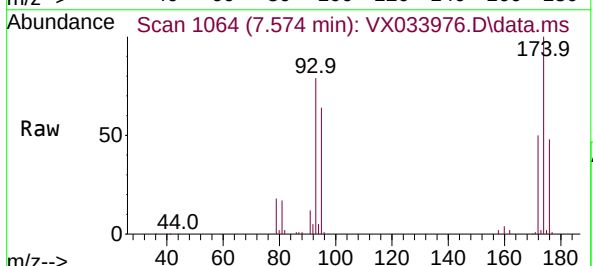
Tgt Ion: 93 Resp: 51222

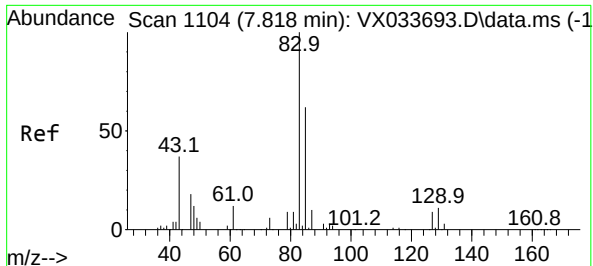
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

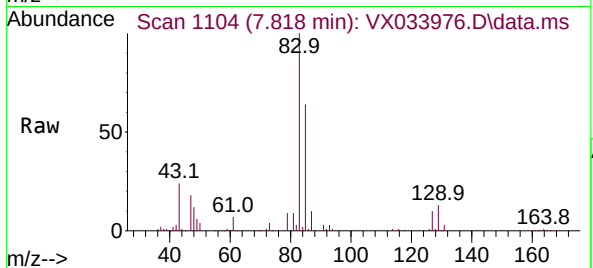
174 131.6 97.4 146.0





#47
Bromodichloromethane
Concen: 50.358 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

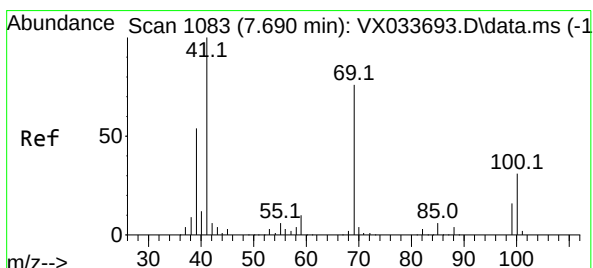
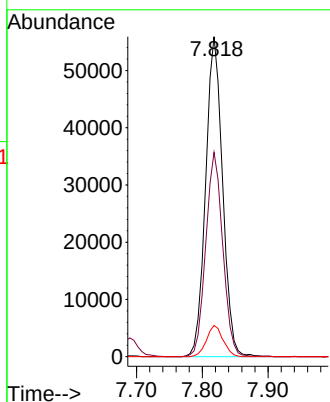
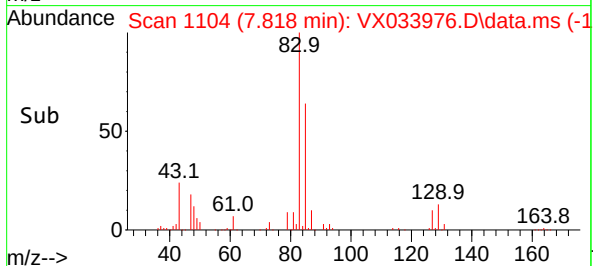
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10024
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 9.7 7.0 10.4

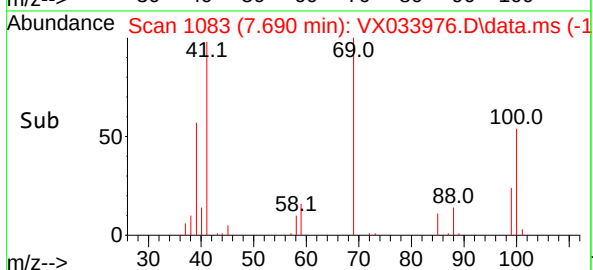
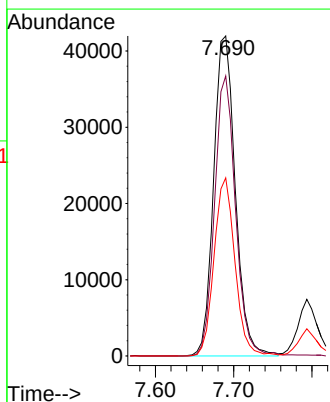
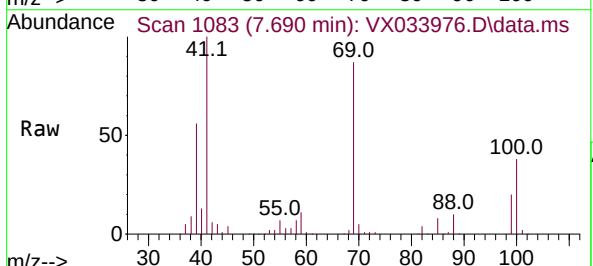
Manual Integrations
APPROVED

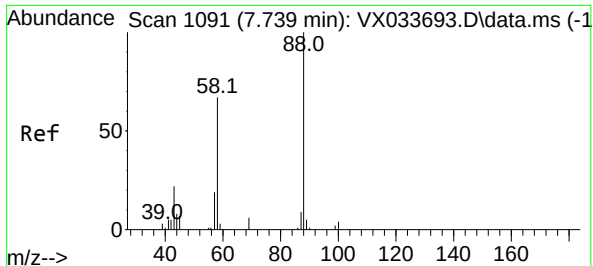
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#48
Methyl methacrylate
Concen: 50.214 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 41 Resp: 80873
Ion Ratio Lower Upper
41 100
69 85.1 63.1 94.7
39 53.7 43.2 64.8





#49

1,4-Dioxane

Concen: 896.293 ug/l

RT: 7.665 min Scan# 1091

Delta R.T. -0.073 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3193

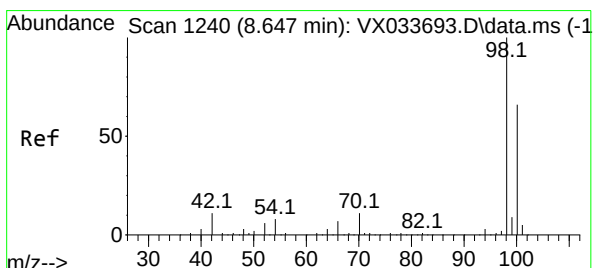
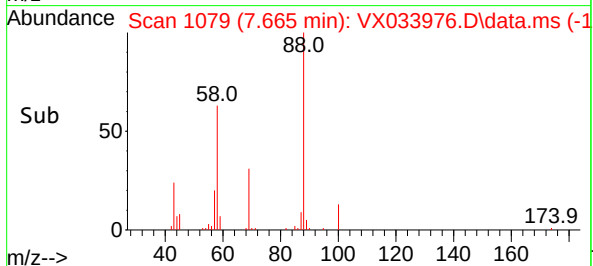
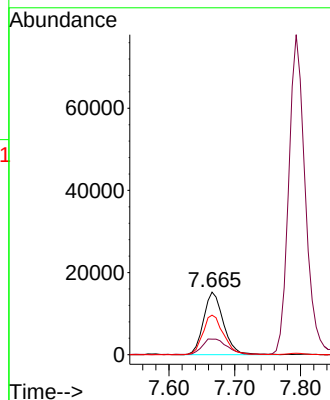
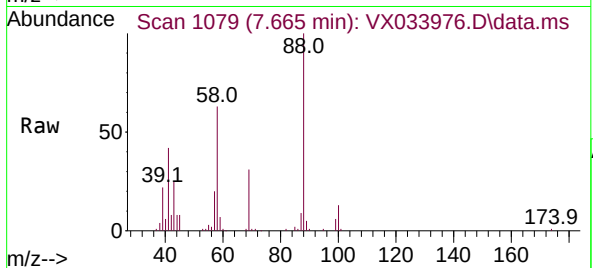
Ion	Ratio	Lower	Upper
88	100		
43	30.7	0.0	0.0
58	65.7	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#50

Toluene-d8

Concen: 48.925 ug/l

RT: 8.647 min Scan# 1240

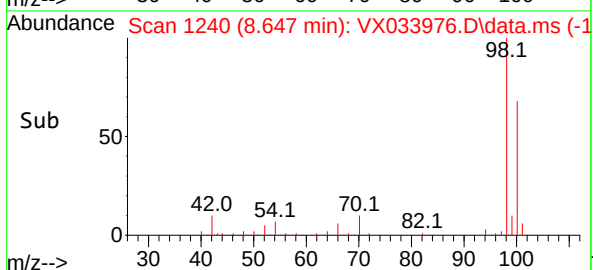
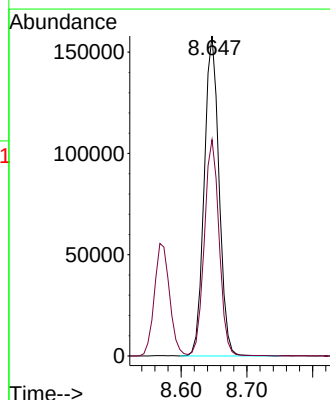
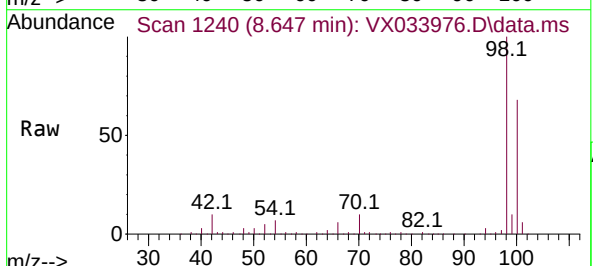
Delta R.T. -0.000 min

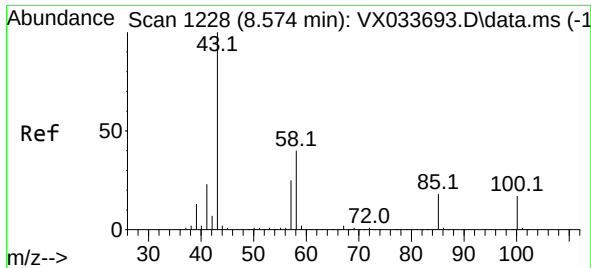
Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion: 98 Resp: 247369

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.6	80.4





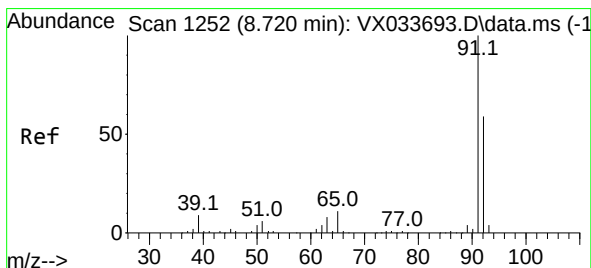
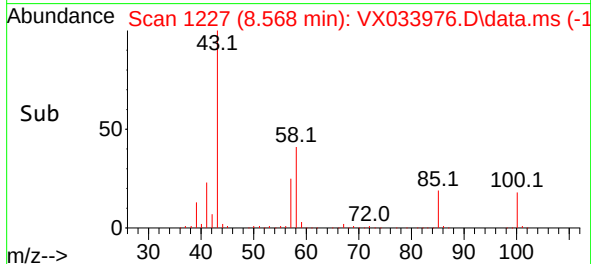
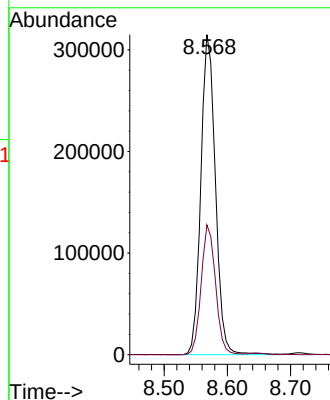
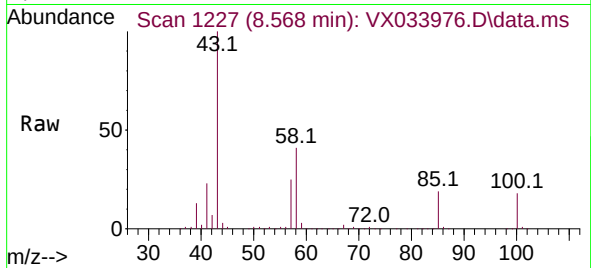
#51
4-Methyl-2-Pentanone
Concen: 257.507 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 50563
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8

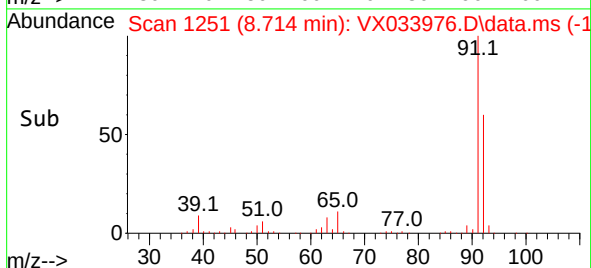
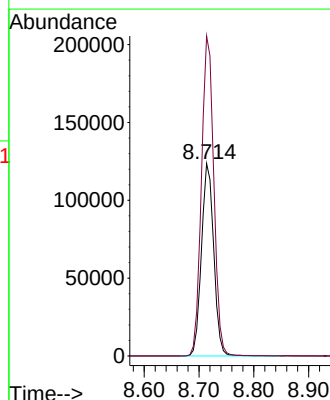
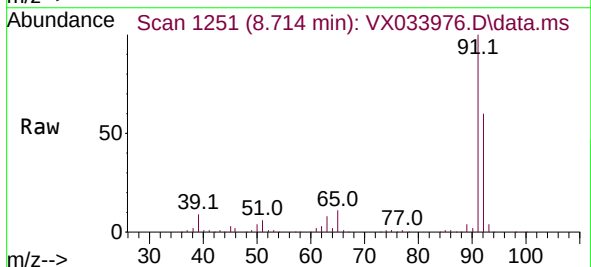
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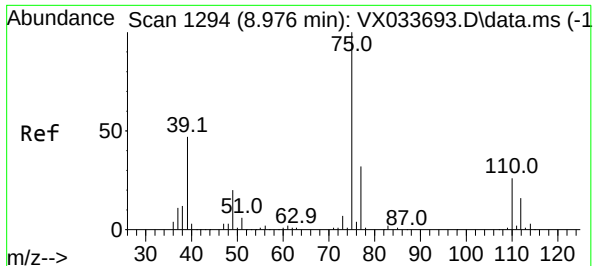
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#52
Toluene
Concen: 50.445 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 92 Resp: 192303
Ion Ratio Lower Upper
92 100
91 167.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.998 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 103514

Ion Ratio Lower Upper

75 100

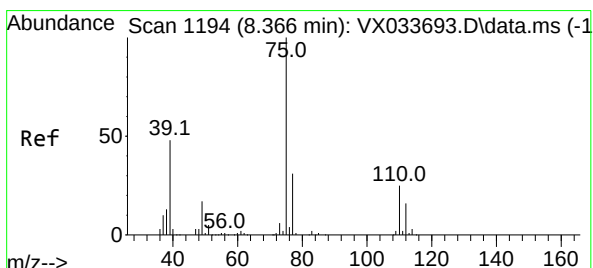
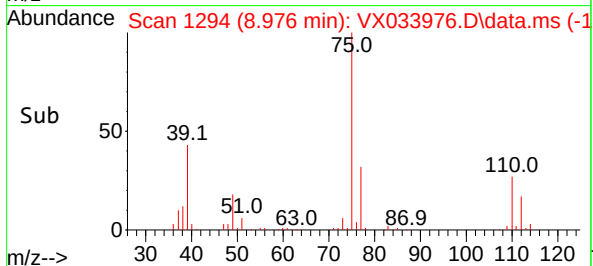
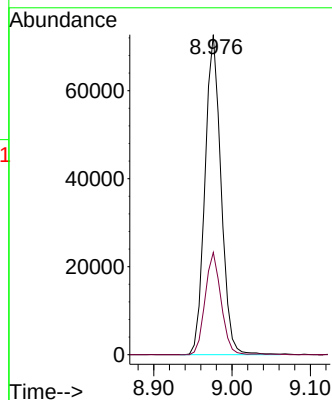
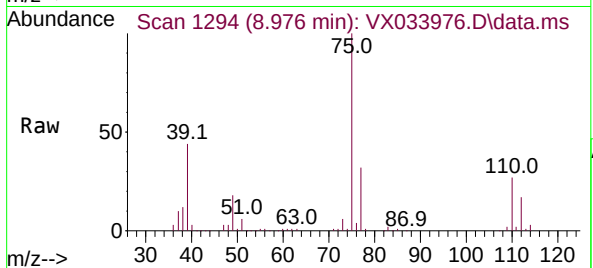
77 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#54

cis-1,3-Dichloropropene

Concen: 52.922 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

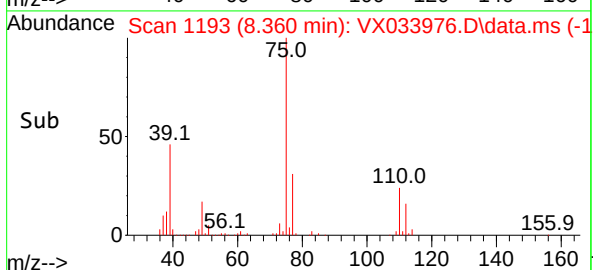
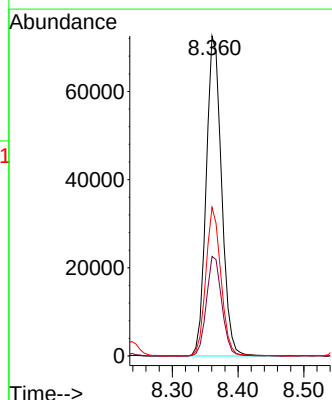
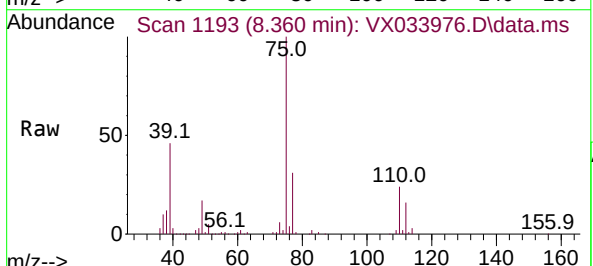
Tgt Ion: 75 Resp: 118047

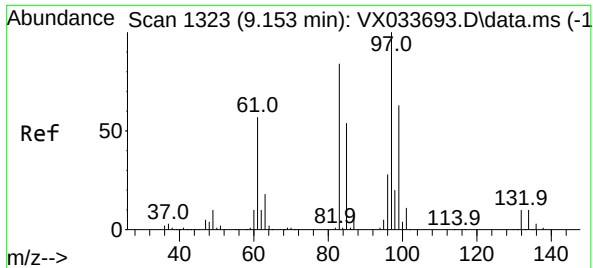
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 46.5 38.6 58.0





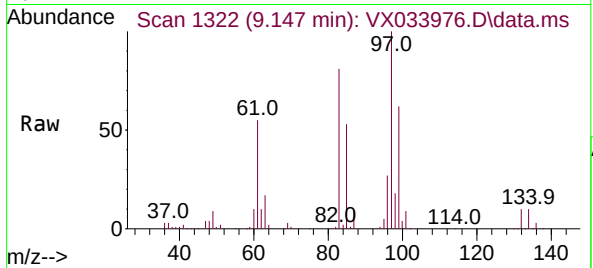
#55
1,1,2-Trichloroethane
Concen: 52.562 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



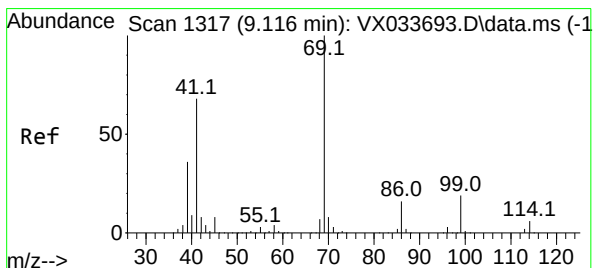
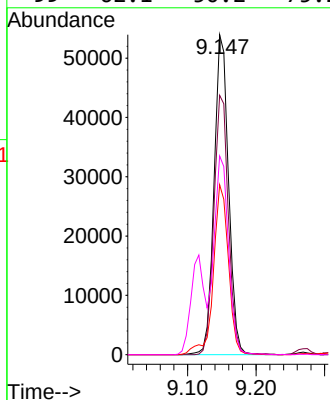
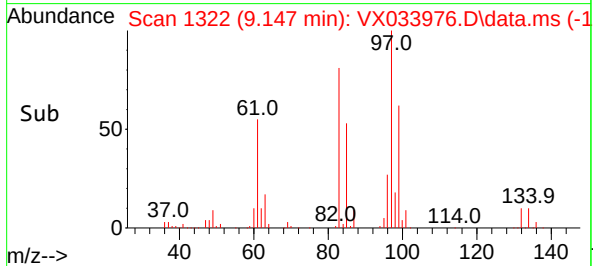
Tgt Ion:	97	Resp:	79310
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.4	101.0
85	53.1	43.2	64.8
99	62.1	50.2	75.2

Manual Integrations

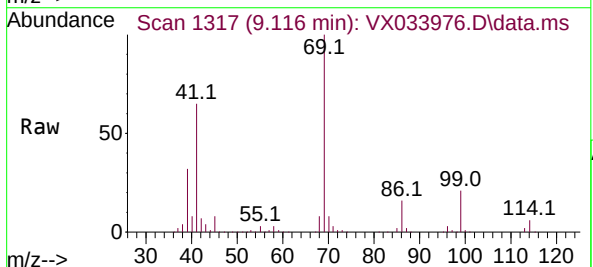
APPROVED

Reviewed By :John Carlone 02/01/2023

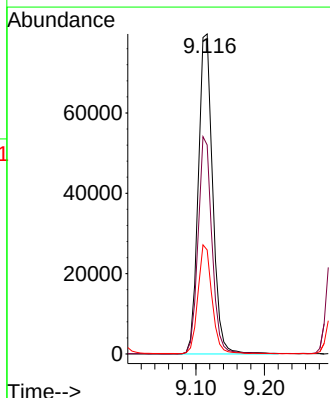
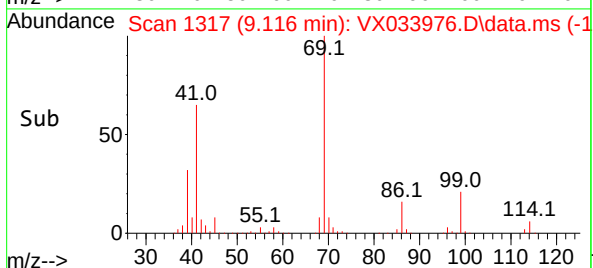
Supervised By :Mahesh Dadoda 02/01/2023

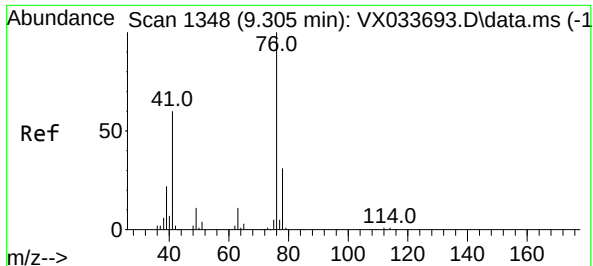


#56
Ethyl methacrylate
Concen: 54.809 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion:	69	Resp:	116394
Ion	Ratio	Lower	Upper
69	100		
41	66.2	55.1	82.7
39	33.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.363 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 128124

Ion Ratio Lower Upper

76 100

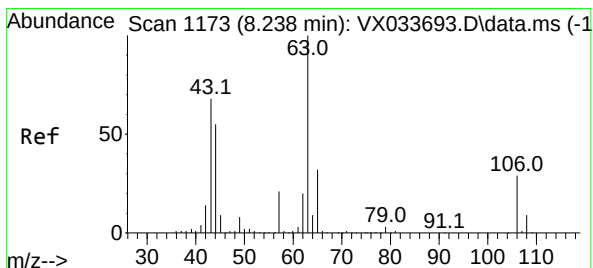
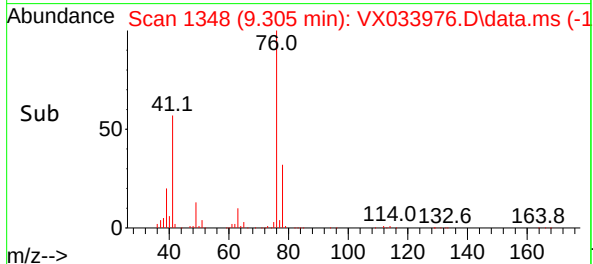
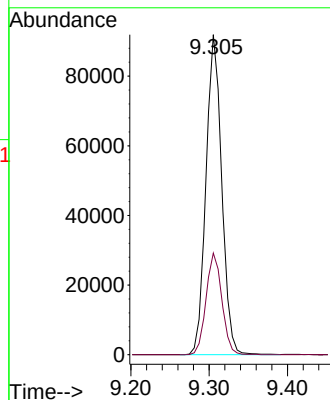
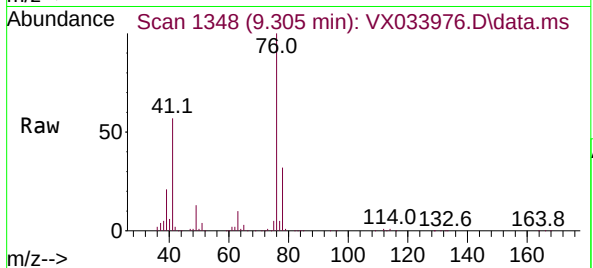
78 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.555 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033976.D

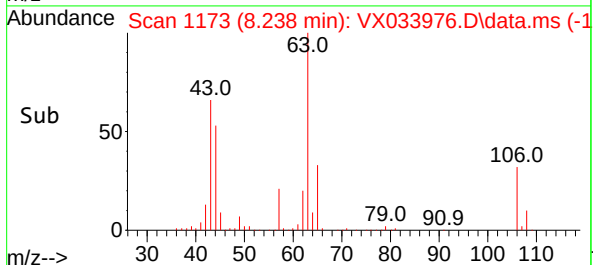
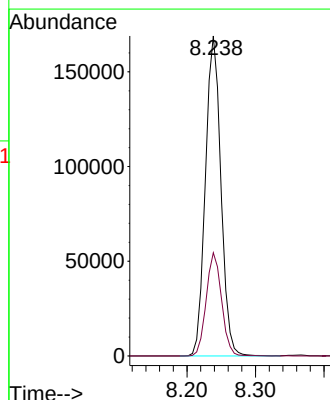
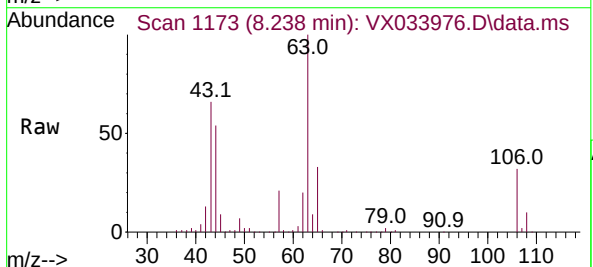
Acq: 31 Jan 2023 17:28

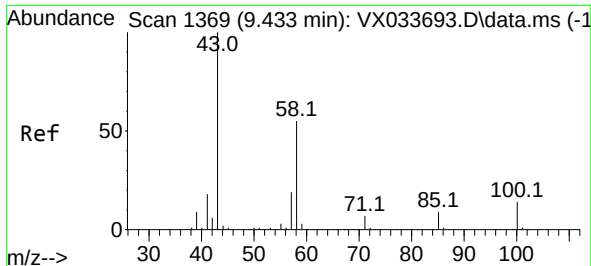
Tgt Ion: 63 Resp: 266233

Ion Ratio Lower Upper

63 100

106 31.9 24.5 36.7





#59

2-Hexanone

Concen: 271.615 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37121

Ion Ratio Lower Upper

43 100

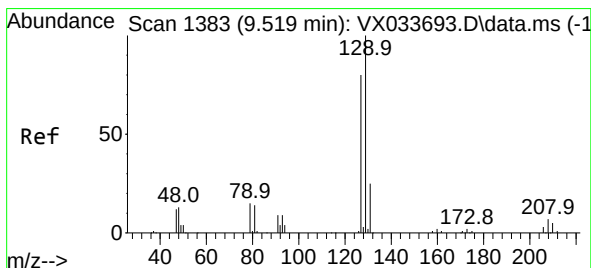
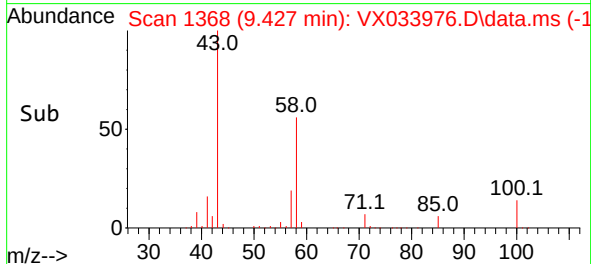
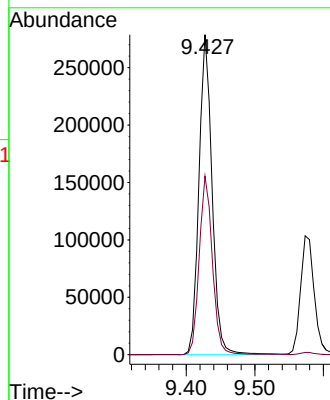
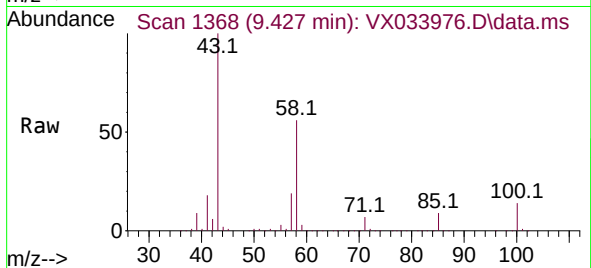
58 56.3 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#60

Dibromochloromethane

Concen: 55.250 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033976.D

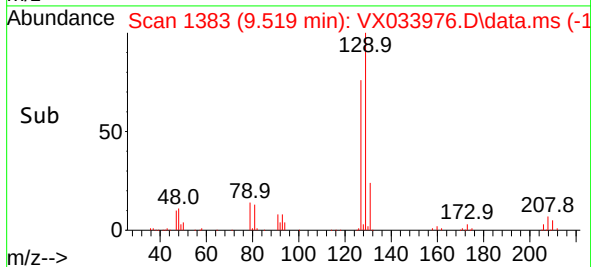
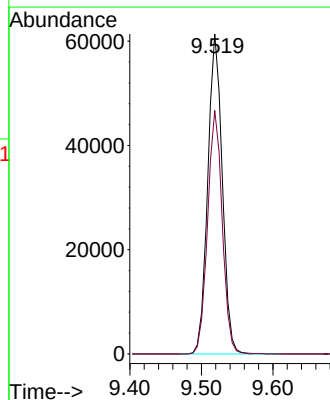
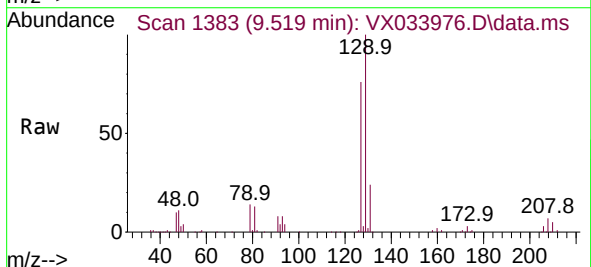
Acq: 31 Jan 2023 17:28

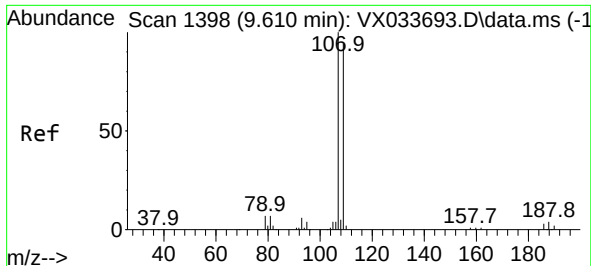
Tgt Ion:129 Resp: 86435

Ion Ratio Lower Upper

129 100

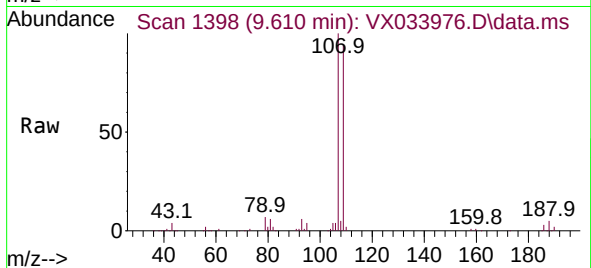
127 76.6 38.8 116.3





#61
1,2-Dibromoethane
Concen: 54.784 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

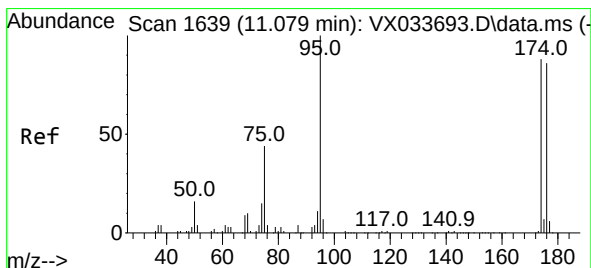
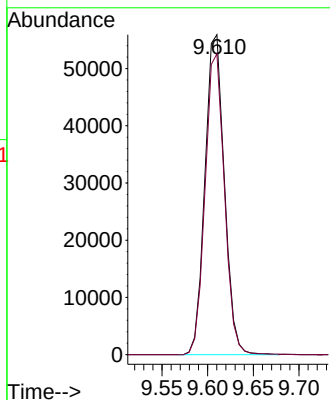
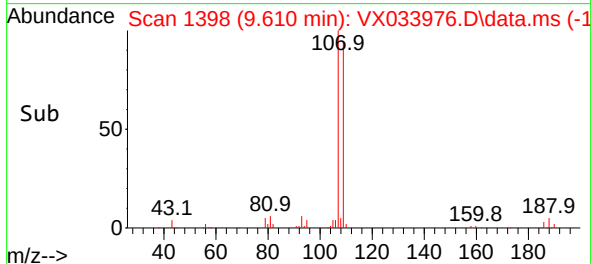
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



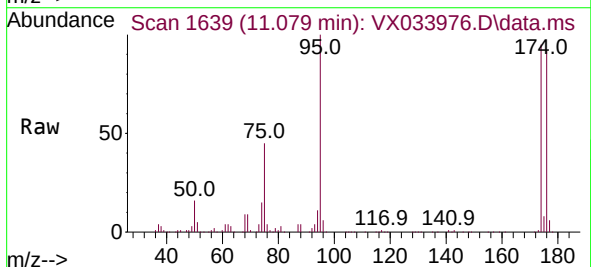
Tgt Ion:107 Resp: 8250
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.2

Manual Integrations
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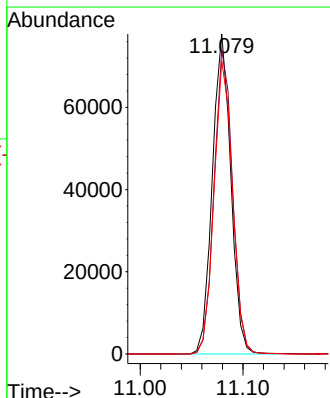
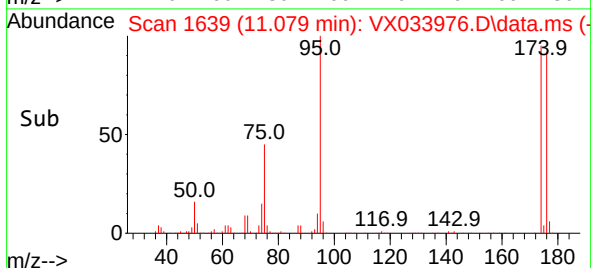
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

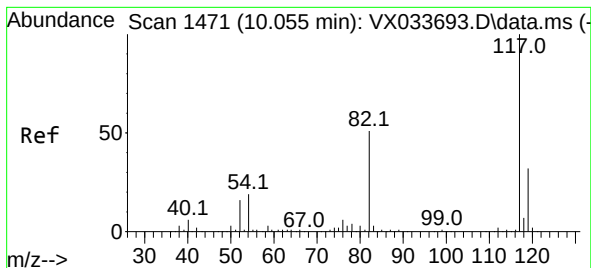


#62
4-Bromofluorobenzene
Concen: 51.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



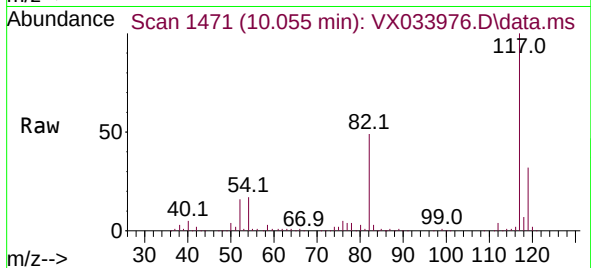
Tgt Ion: 95 Resp: 97119
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.4
176 91.7 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

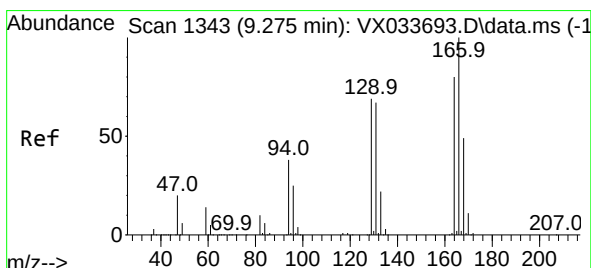
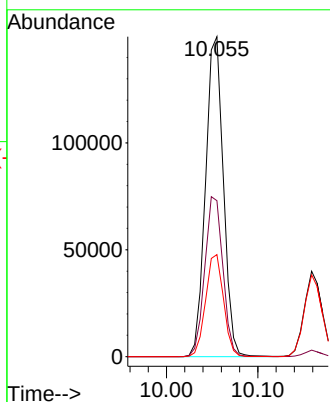
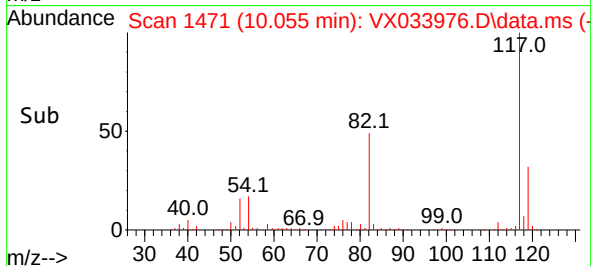
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 202368
Ion Ratio Lower Upper
117 100
82 48.7 40.6 60.8
119 31.9 25.6 38.4

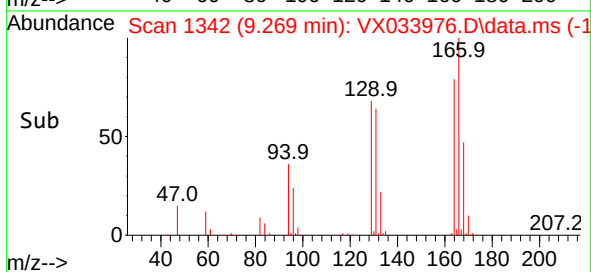
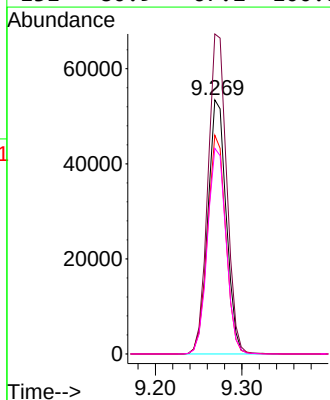
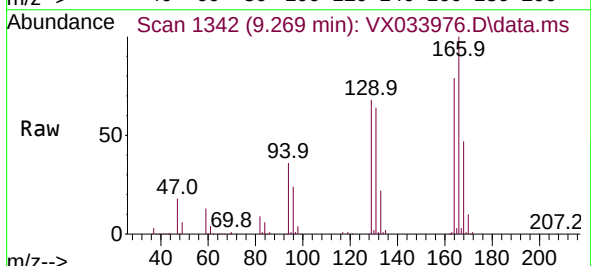
Manual Integrations
APPROVED

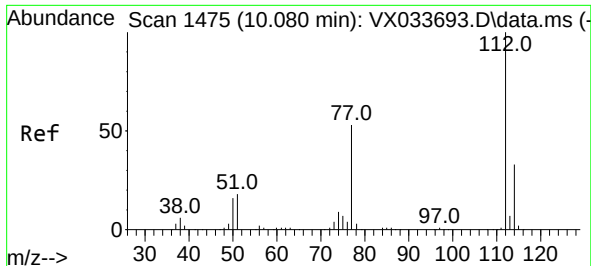
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#64
Tetrachloroethene
Concen: 55.382 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

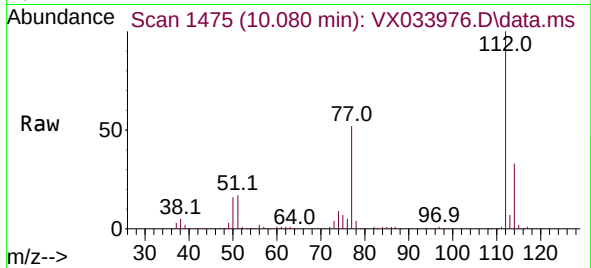
Tgt Ion:164 Resp: 78674
Ion Ratio Lower Upper
164 100
166 126.0 100.2 150.2
129 86.1 69.2 103.8
131 80.9 67.2 100.8





#65
Chlorobenzene
Concen: 51.027 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

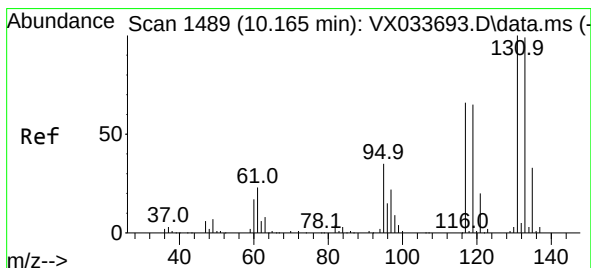
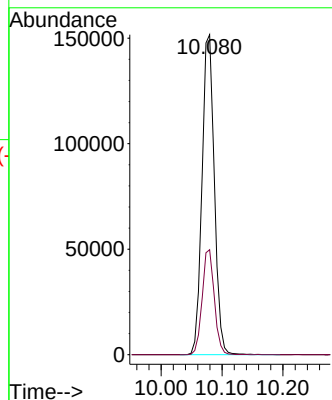
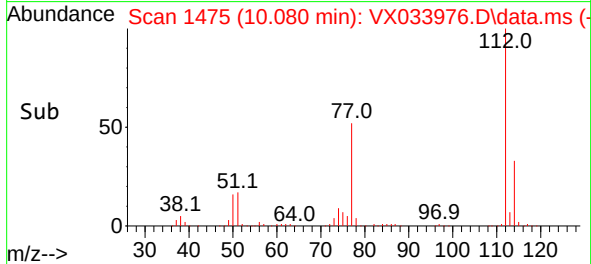
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 21377
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

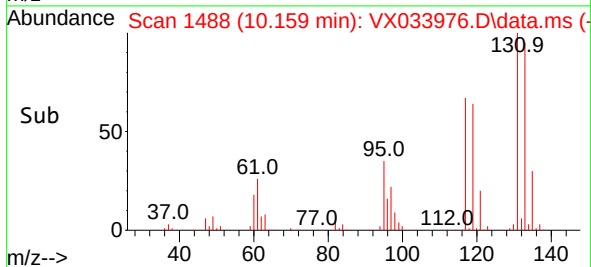
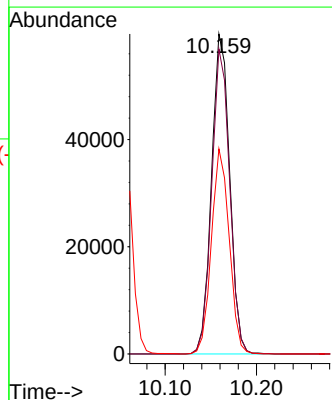
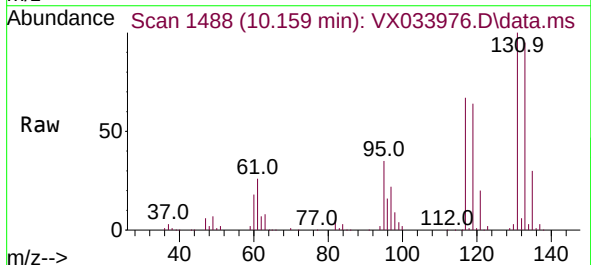
Manual Integrations
APPROVED

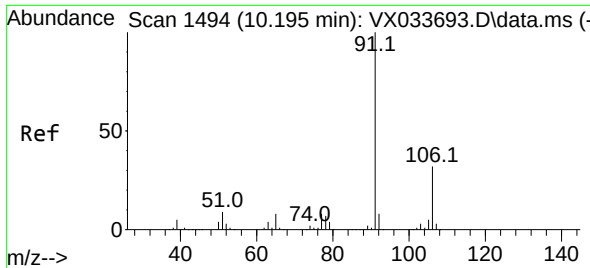
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.180 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

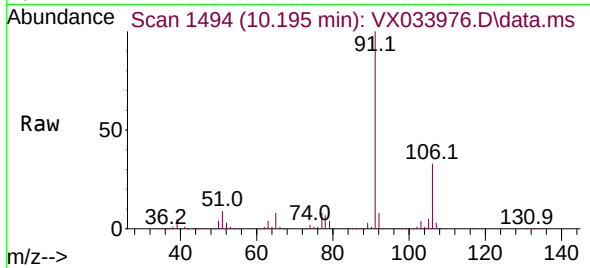
Tgt Ion:131 Resp: 81993
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 63.1 31.9 95.7





#67
Ethyl Benzene
Concen: 50.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

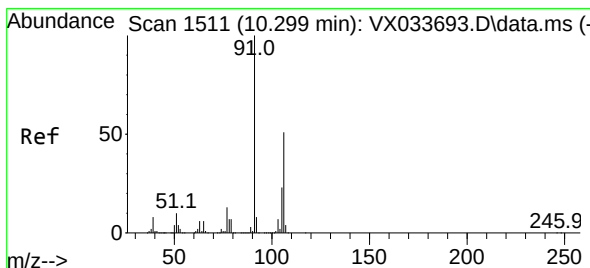
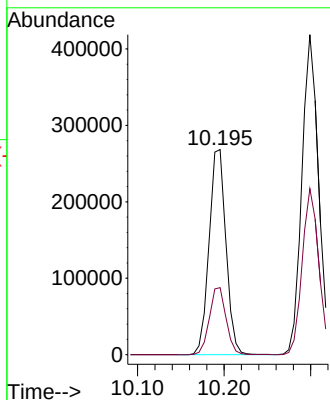
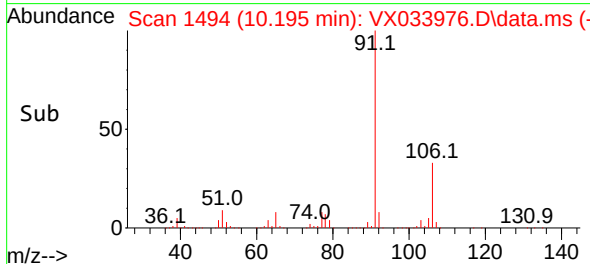
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 36386
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

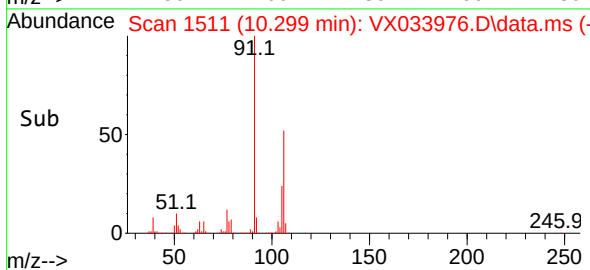
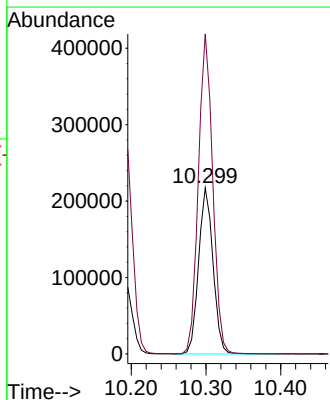
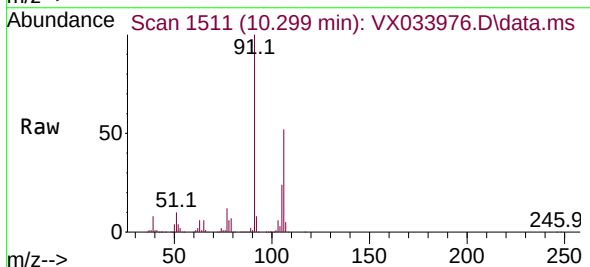
Manual Integrations
APPROVED

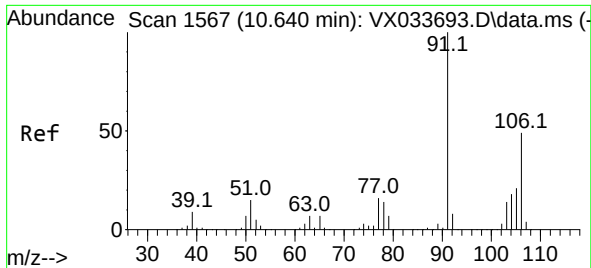
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#68
m/p-Xylenes
Concen: 103.192 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion:106 Resp: 290327
Ion Ratio Lower Upper
106 100
91 192.3 156.4 234.6





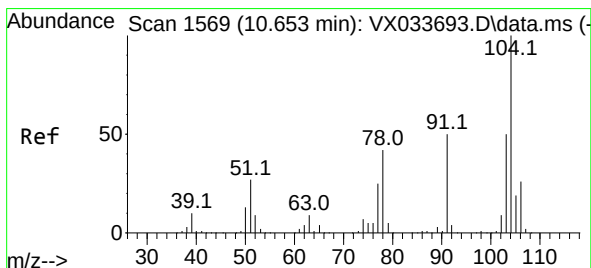
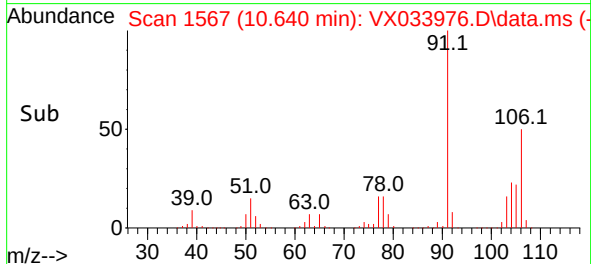
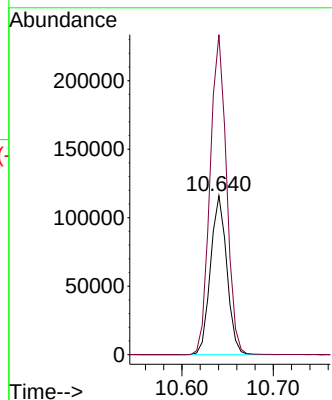
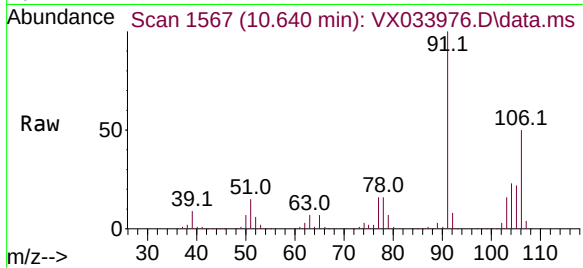
#69
o-Xylene
Concen: 51.636 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 144072
Ion Ratio Lower Upper
106 100
91 203.4 103.1 309.3

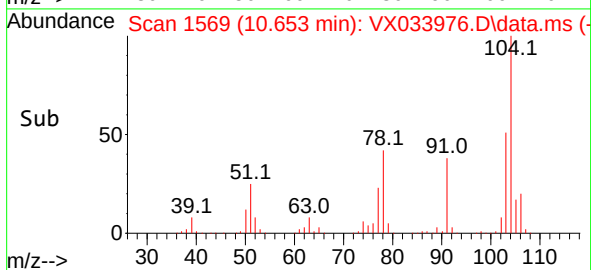
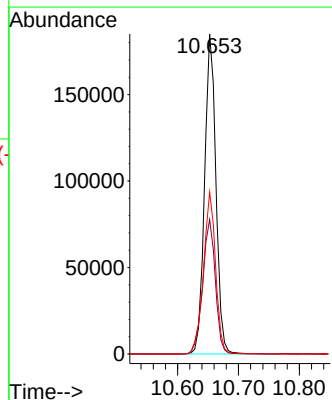
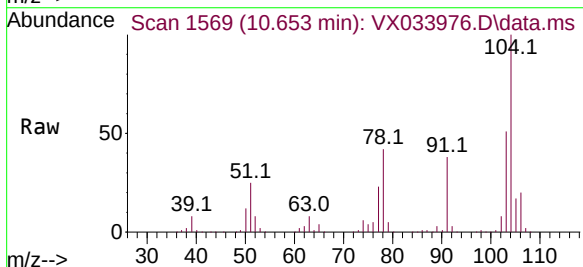
Manual Integrations
APPROVED

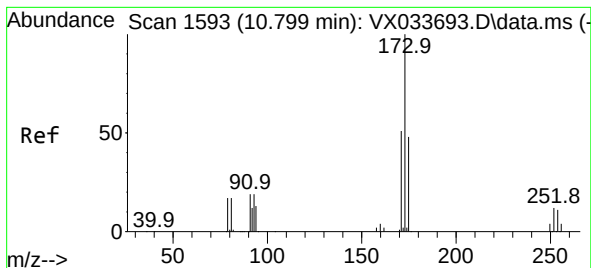
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#70
Styrene
Concen: 52.909 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion:104 Resp: 240081
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.1 43.3 64.9





#71

Bromoform

Concen: 53.332 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

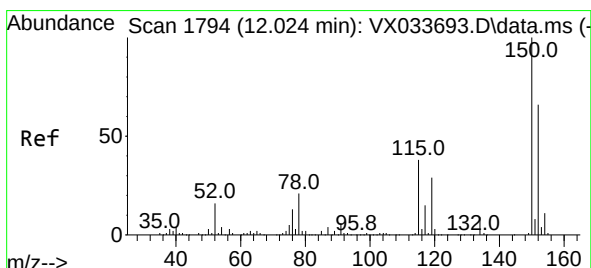
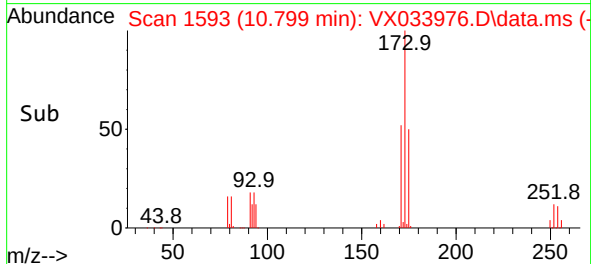
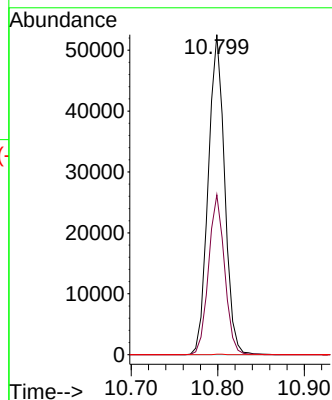
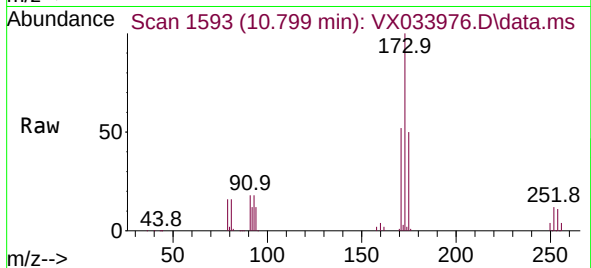
Tgt Ion:173 Resp: 68902
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.1 72.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

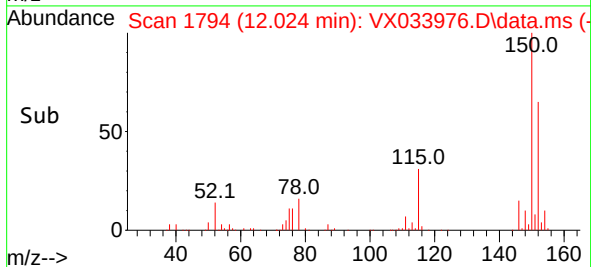
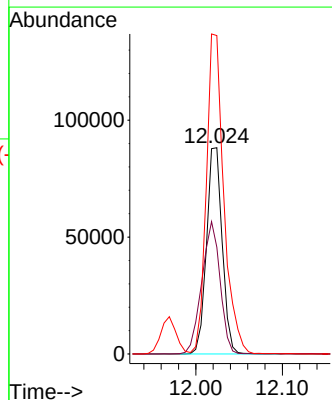
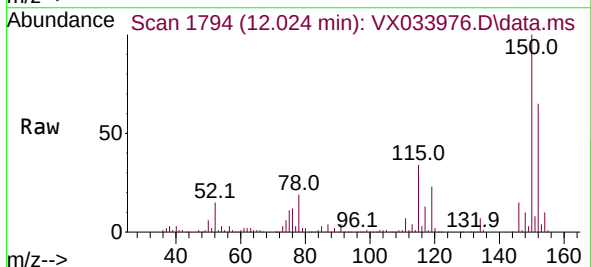
RT: 12.024 min Scan# 1794

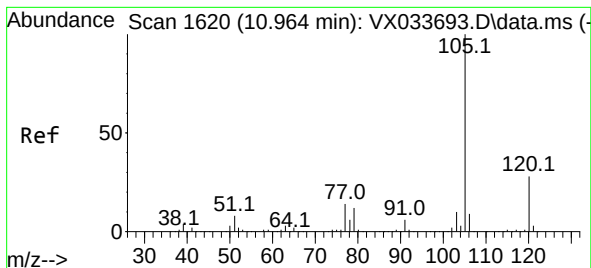
Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion:152 Resp: 110990
 Ion Ratio Lower Upper
 152 100
 115 74.6 38.7 116.1
 150 172.8 0.0 348.2





#73

Isopropylbenzene

Concen: 51.261 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 373924

Ion Ratio Lower Upper

105 100

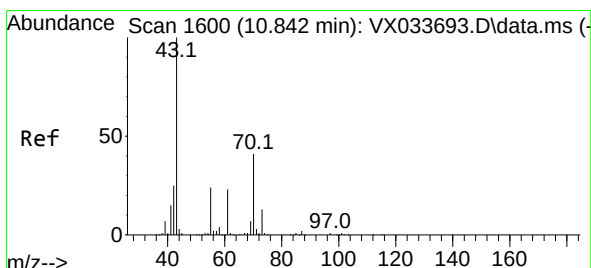
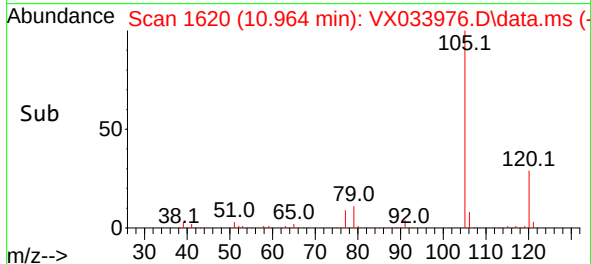
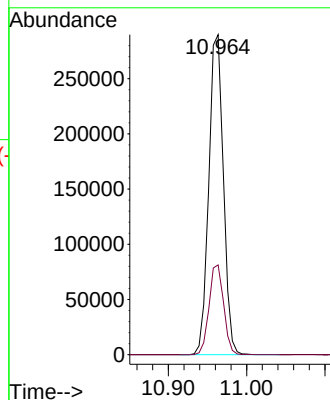
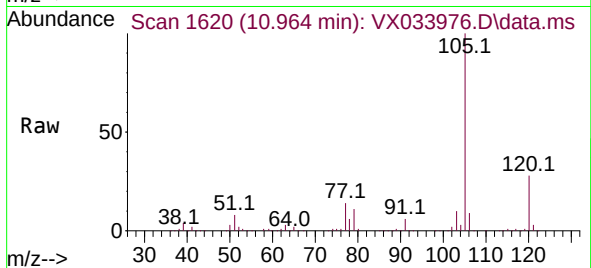
120 28.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#74

N-ethyl acetate

Concen: 48.641 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Tgt Ion: 43 Resp: 141765

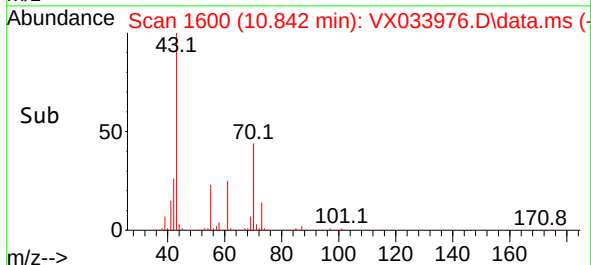
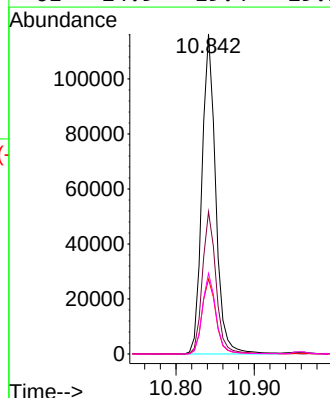
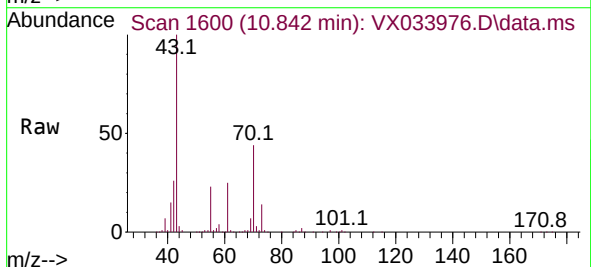
Ion Ratio Lower Upper

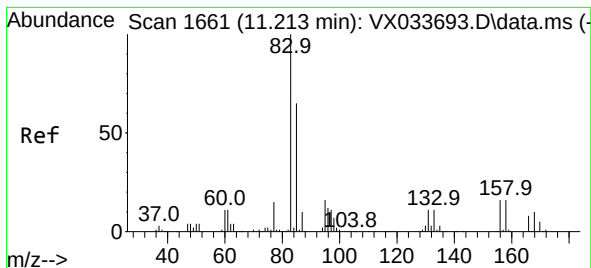
43 100

70 44.5 34.8 52.2

55 23.8 19.4 29.0

61 24.9 19.4 29.2





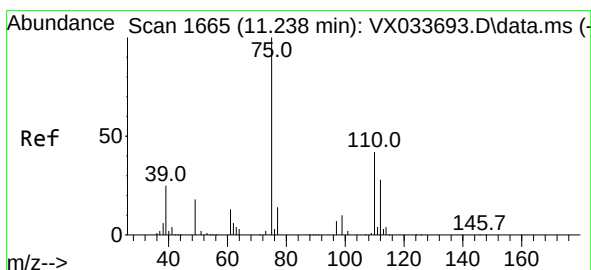
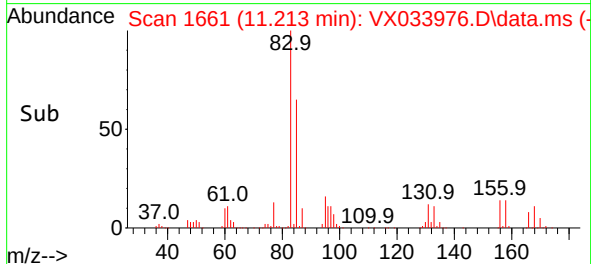
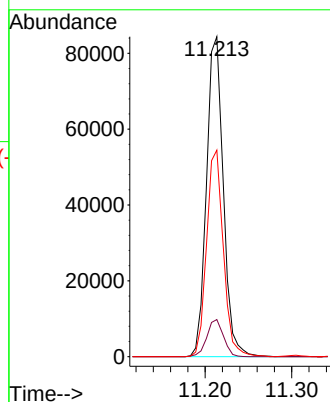
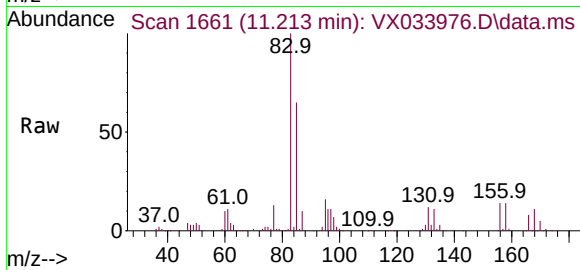
#75
1,1,2,2-Tetrachloroethane
Concen: 53.527 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11379
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.7
85 64.3 32.3 96.9

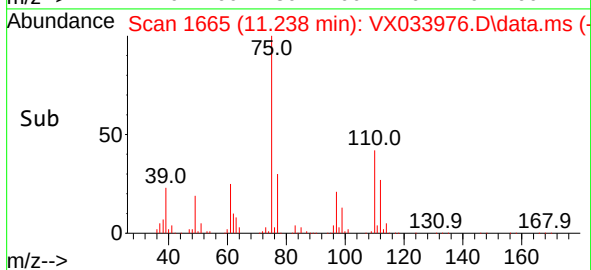
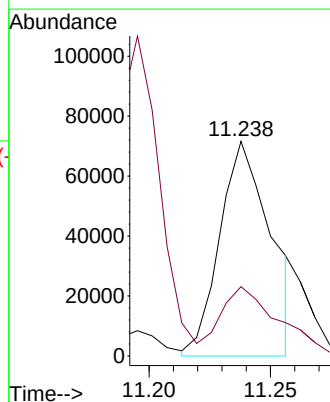
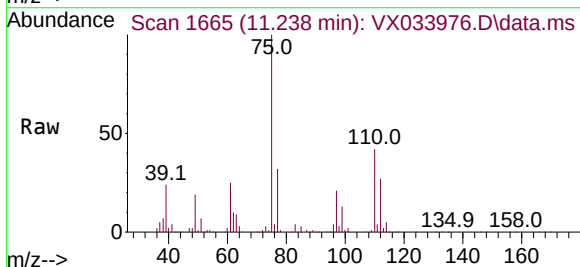
Manual Integrations
APPROVED

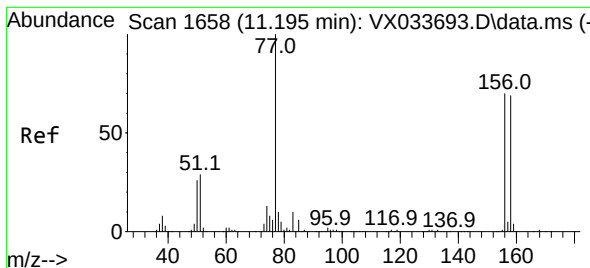
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#76
1,2,3-Trichloropropane
Concen: 51.186 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Tgt Ion: 75 Resp: 104383
Ion Ratio Lower Upper
75 100
77 37.3 21.8 65.4





#77

Bromobenzene

Concen: 52.303 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 10286

Ion Ratio Lower Upper

156 100

77 132.3 68.1 204.3

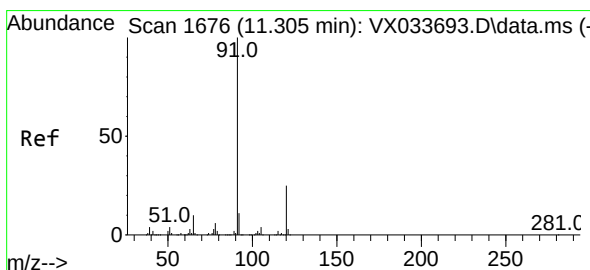
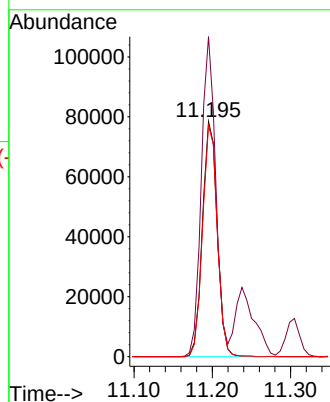
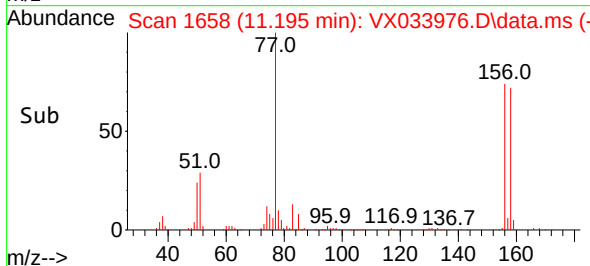
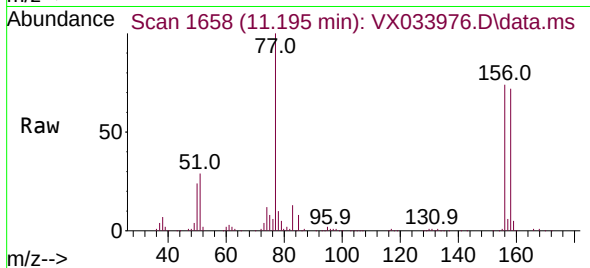
158 97.7 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#78

n-propylbenzene

Concen: 46.695 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033976.D

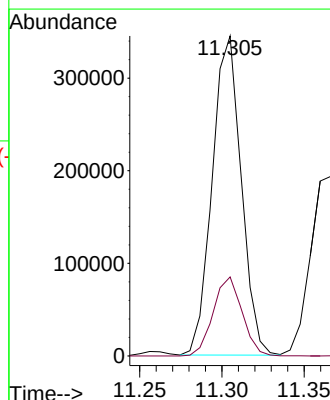
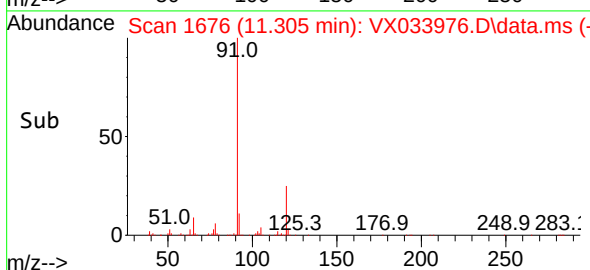
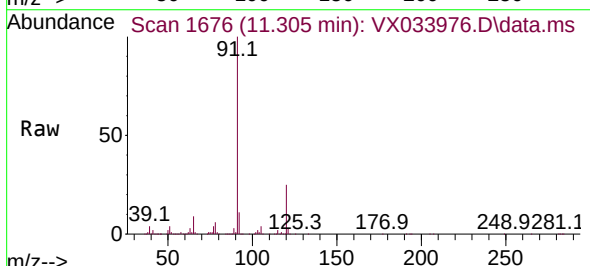
Acq: 31 Jan 2023 17:28

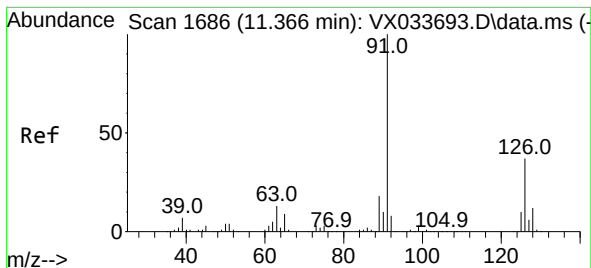
Tgt Ion: 91 Resp: 422904

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8





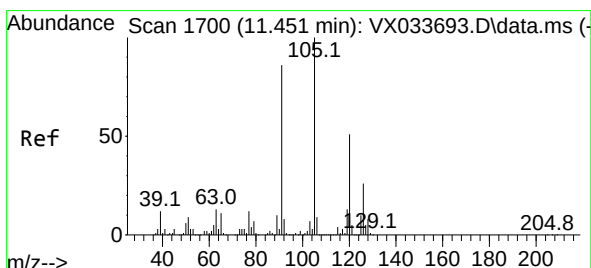
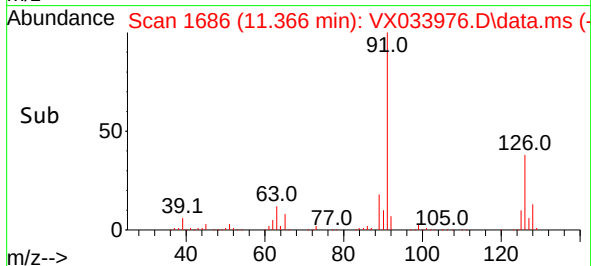
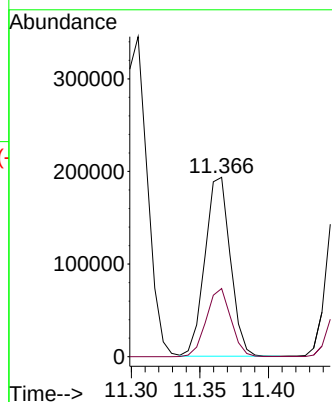
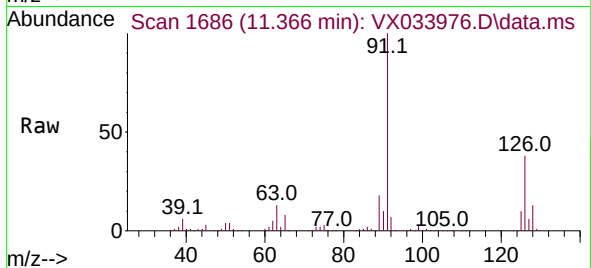
#79
2-Chlorotoluene
Concen: 51.011 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24928
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1

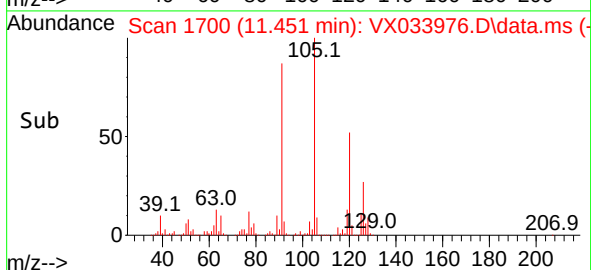
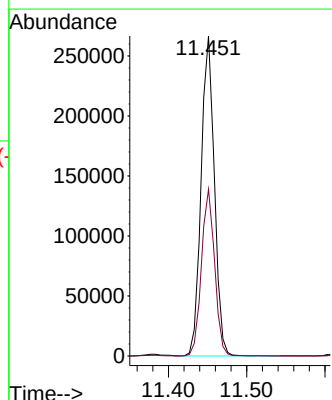
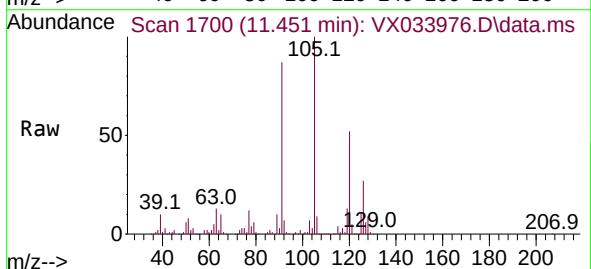
Manual Integrations
APPROVED

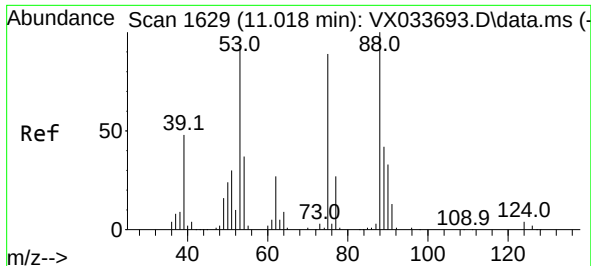
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.081 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

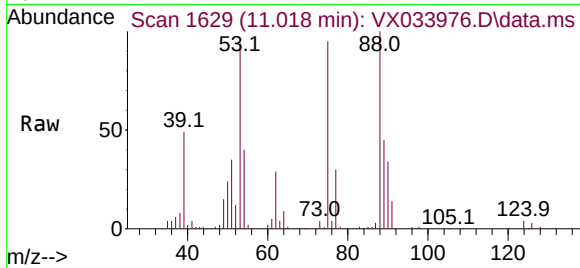
Tgt Ion:105 Resp: 314435
Ion Ratio Lower Upper
105 100
120 51.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.948 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

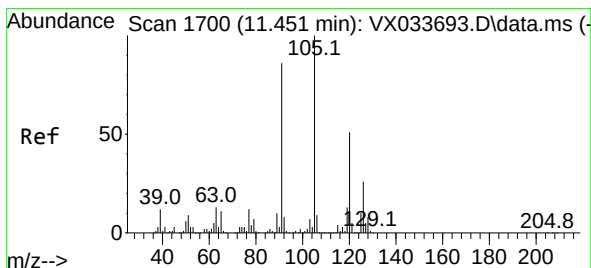
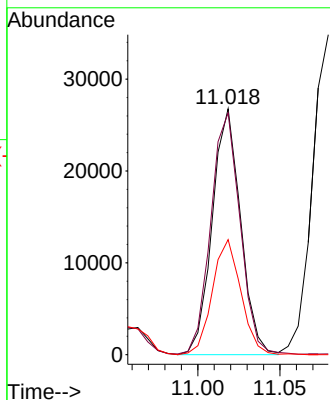
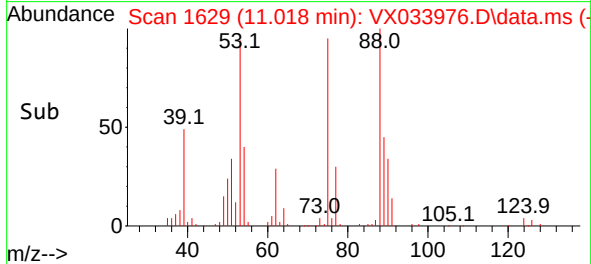
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
53 101.1 83.0 124.6
89 47.2 37.7 56.5

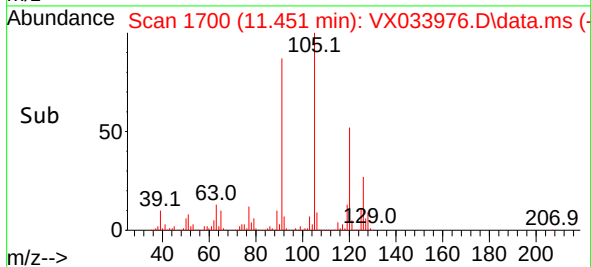
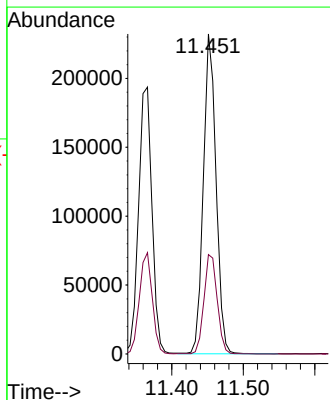
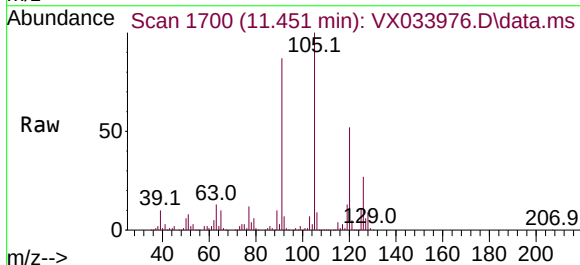
Manual Integrations
APPROVED

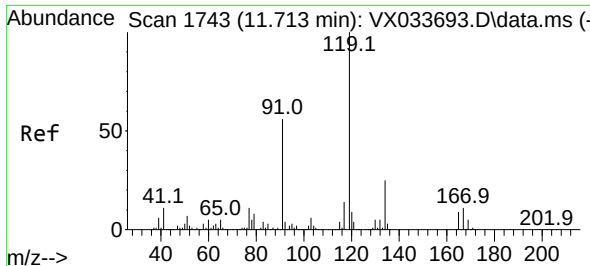
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#82
4-Chlorotoluene
Concen: 51.143 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

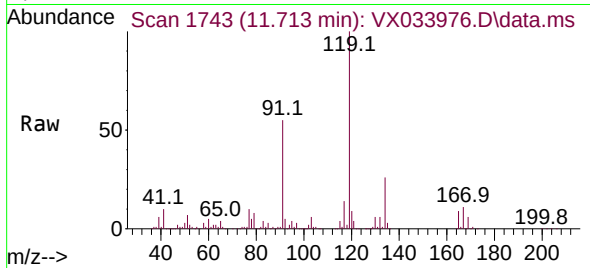
Tgt Ion: 91 Resp: 286012
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.262 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

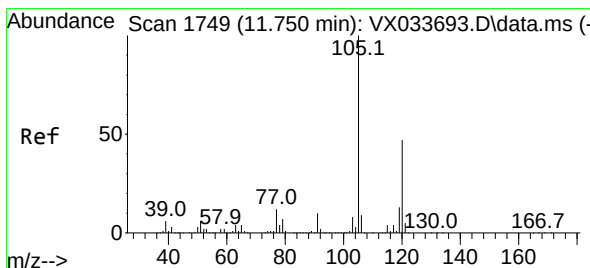
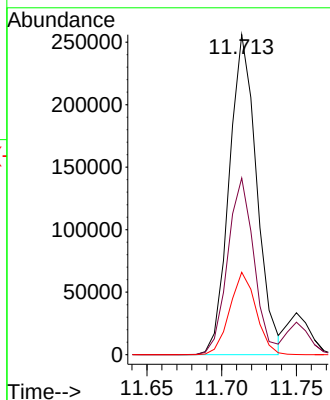
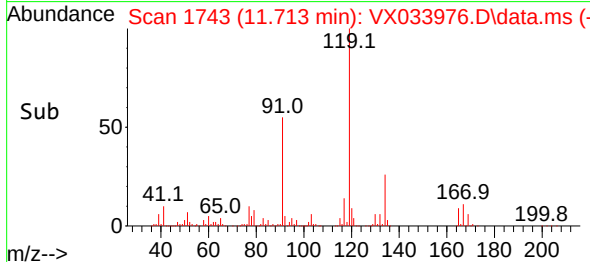
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



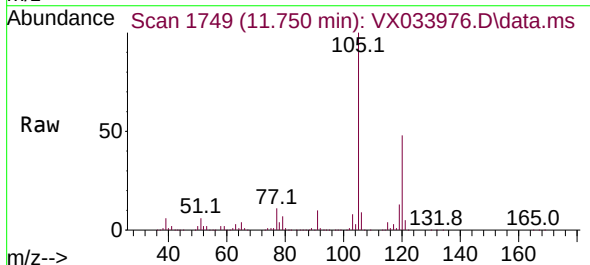
Tgt Ion:119 Resp: 326670
Ion Ratio Lower Upper
119 100
91 53.3 26.9 80.7
134 24.7 12.3 36.8

Manual Integrations
APPROVED

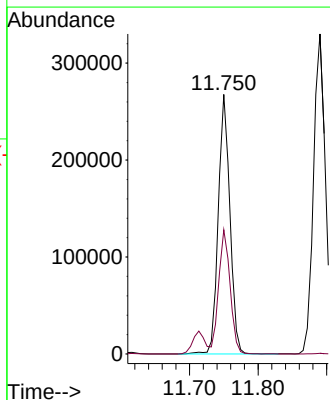
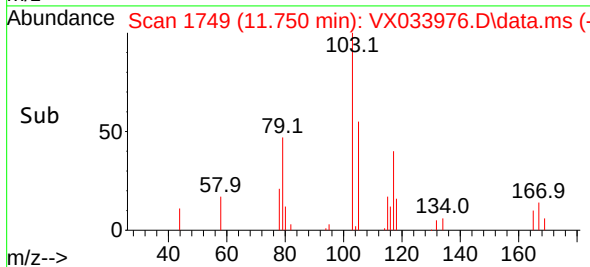
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

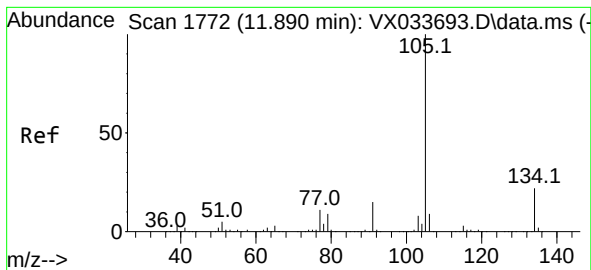


#84
1,2,4-Trimethylbenzene
Concen: 49.816 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



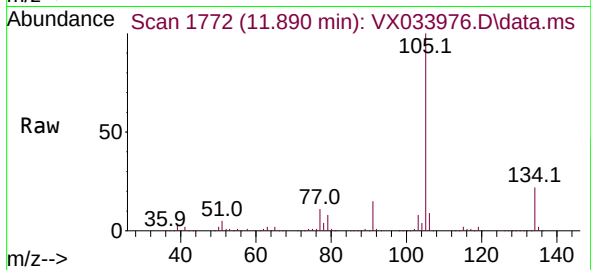
Tgt Ion:105 Resp: 314719
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.116 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033976.D
 Acq: 31 Jan 2023 17:28

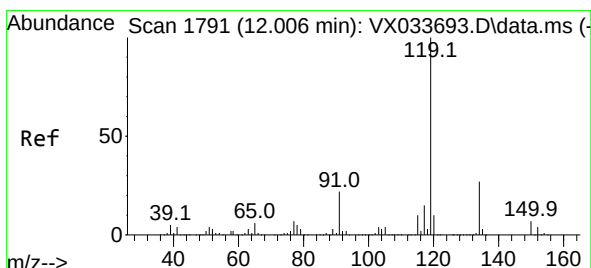
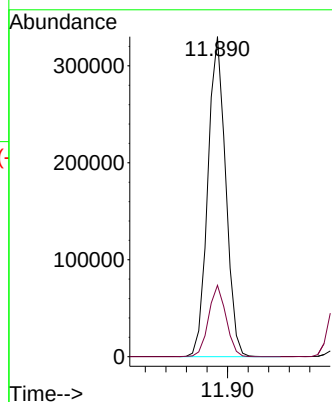
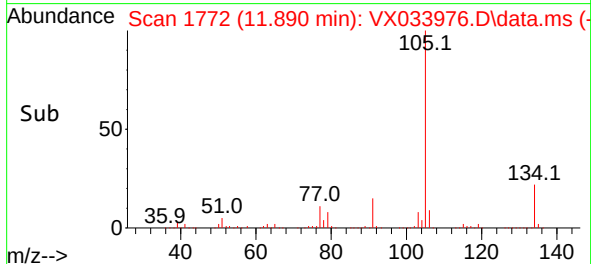
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



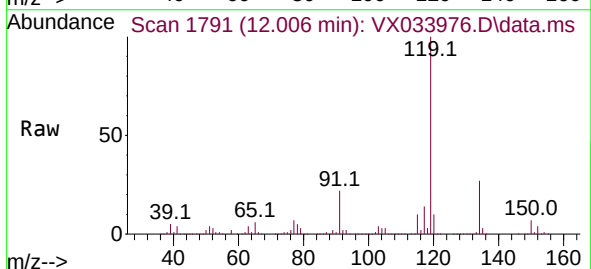
Tgt Ion:105 Resp: 39750
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations
 APPROVED

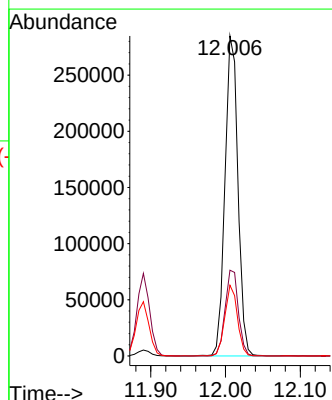
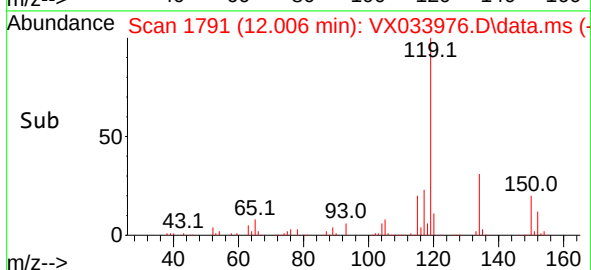
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

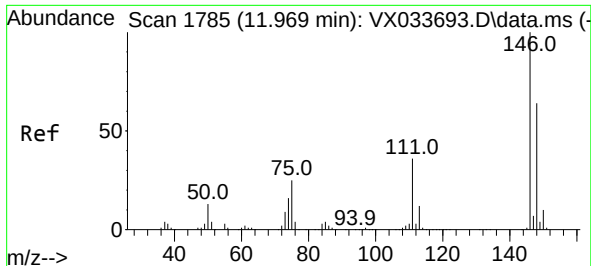


#86
 p-Isopropyltoluene
 Concen: 50.654 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033976.D
 Acq: 31 Jan 2023 17:28



Tgt Ion:119 Resp: 343970
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.8
 91 21.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.606 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 189780

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.6

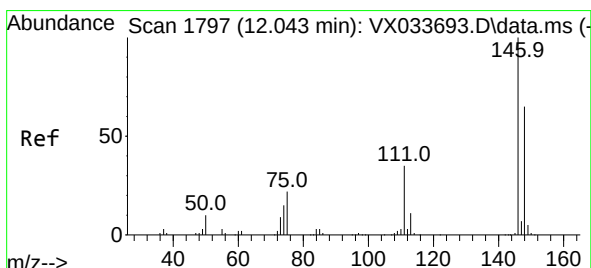
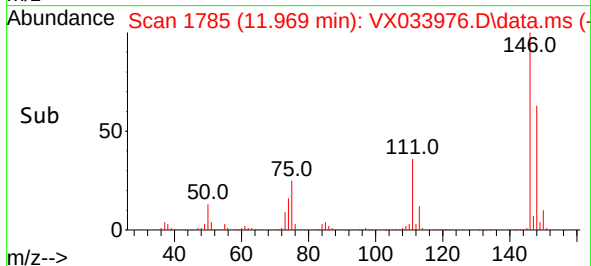
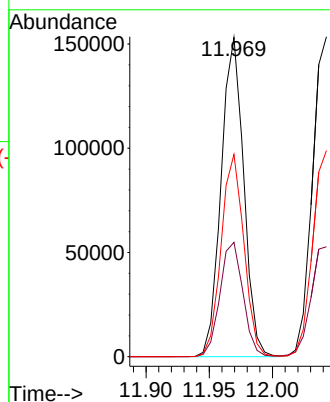
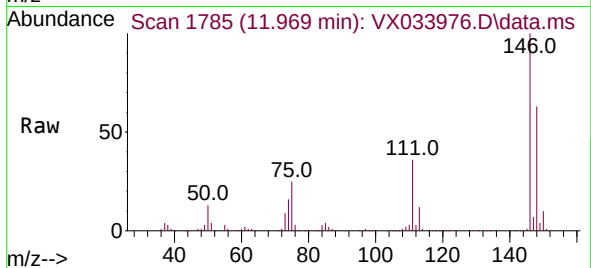
148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#88

1,4-Dichlorobenzene

Concen: 50.040 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

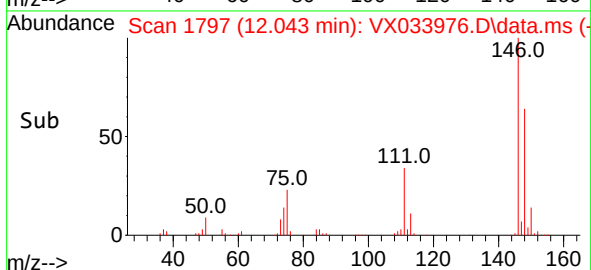
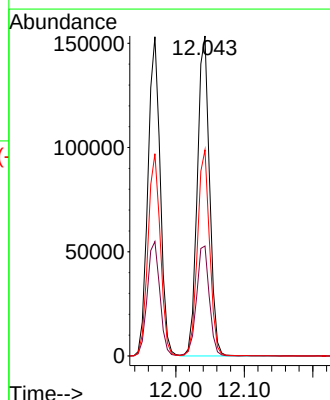
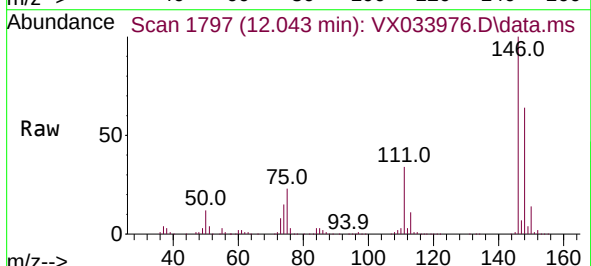
Tgt Ion:146 Resp: 191168

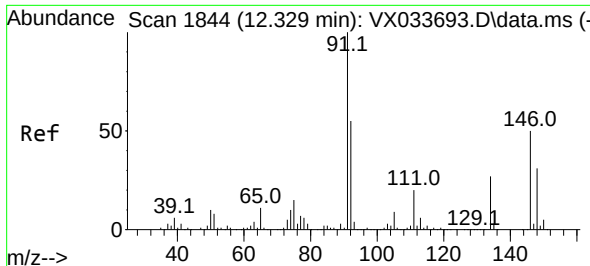
Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.4

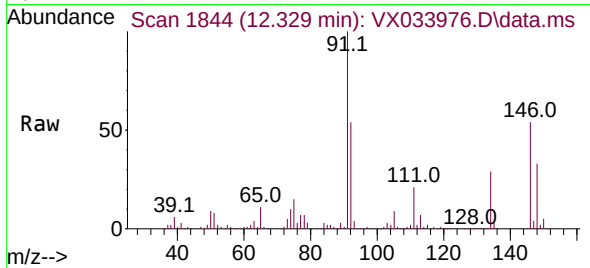
148 64.0 32.1 96.3





#89
n-Butylbenzene
Concen: 50.649 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

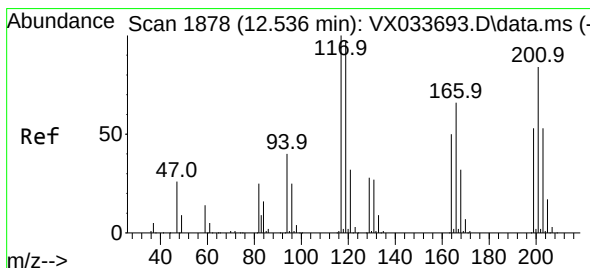
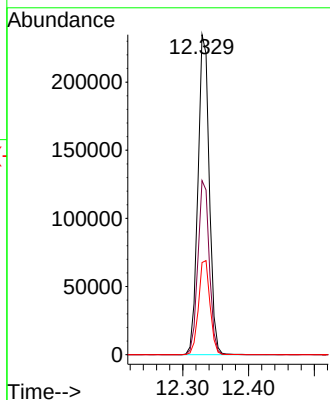
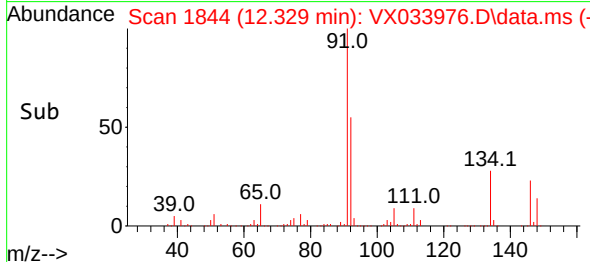
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 28137
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 29.8 14.3 42.9

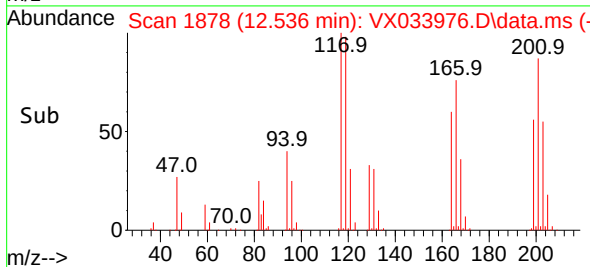
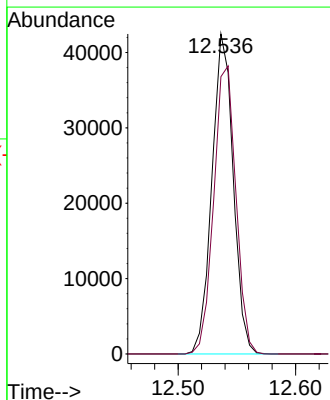
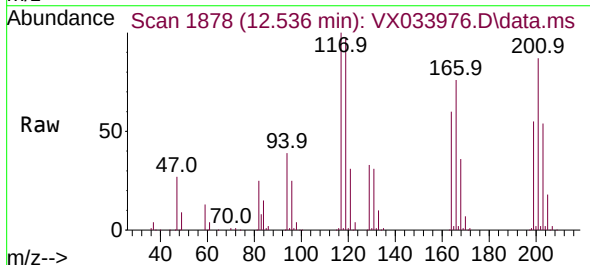
Manual Integrations
APPROVED

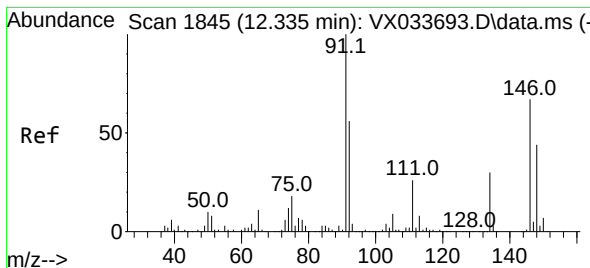
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#90
Hexachloroethane
Concen: 47.886 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

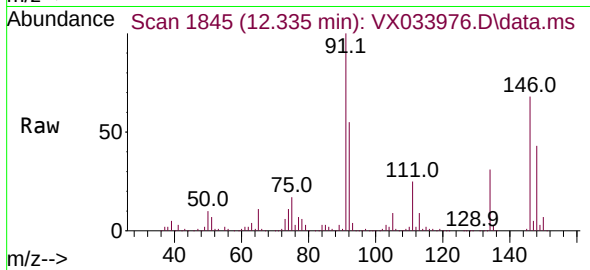
Tgt Ion:117 Resp: 53489
Ion Ratio Lower Upper
117 100
201 93.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.588 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

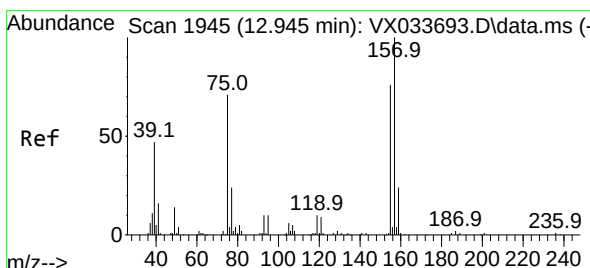
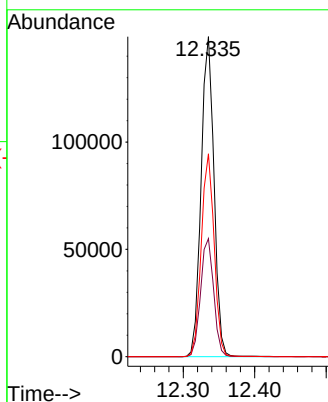
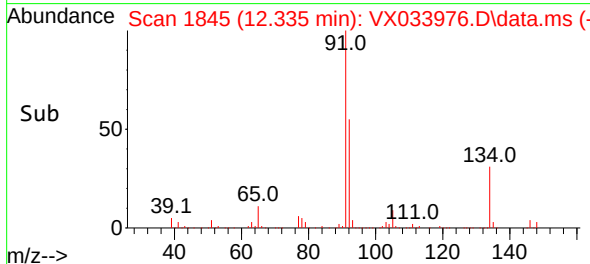
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



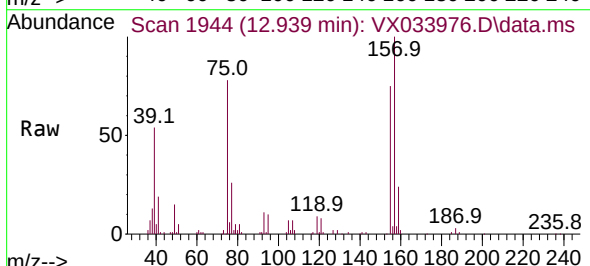
Tgt Ion:146 Resp: 18669
Ion Ratio Lower Upper
146 100
111 37.4 19.3 57.8
148 63.2 32.3 96.9

Manual Integrations
APPROVED

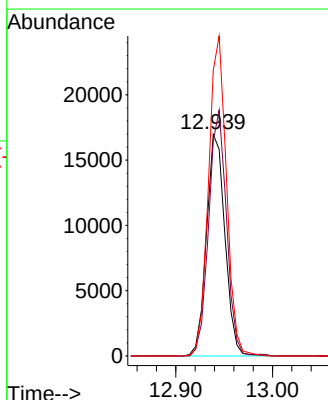
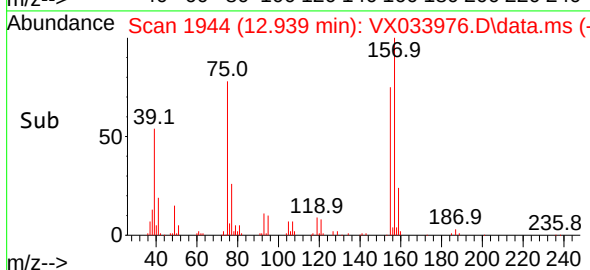
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

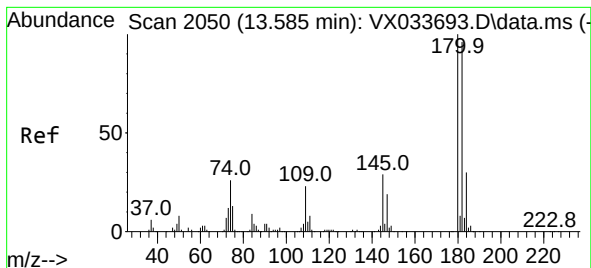


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.816 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion: 75 Resp: 22562
Ion Ratio Lower Upper
75 100
155 106.7 51.7 155.1
157 139.8 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 55.104 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

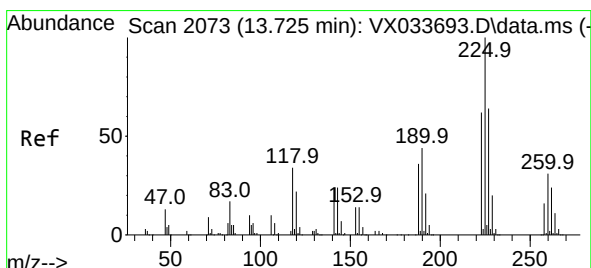
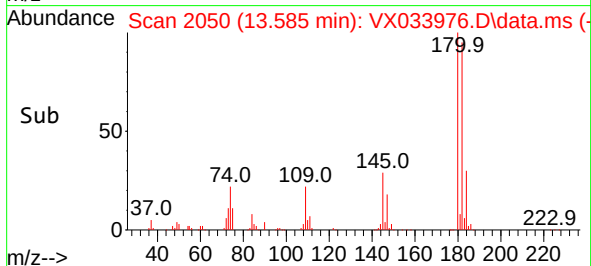
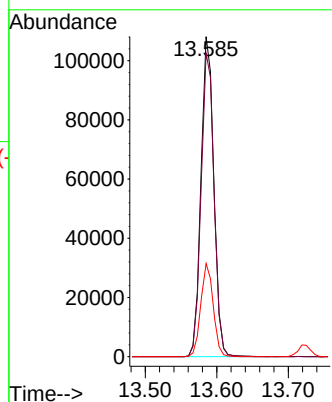
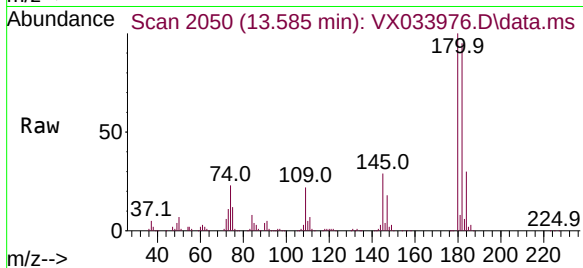
Tgt Ion:180	Resp: 13432
Ion Ratio	Lower Upper
180	100
182	95.4 47.9 143.6
145	28.3 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#94

Hexachlorobutadiene

Concen: 53.053 ug/l

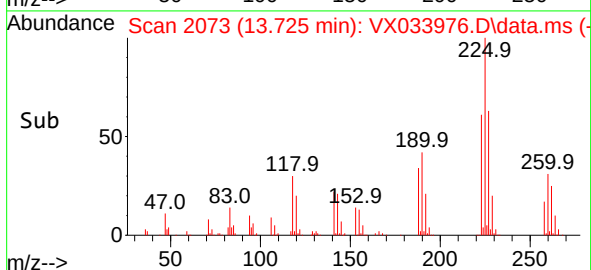
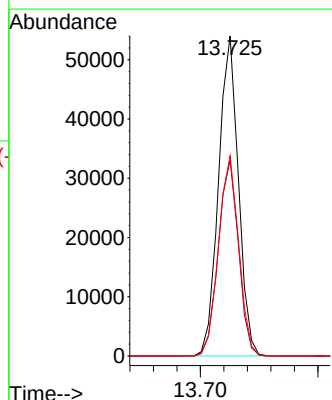
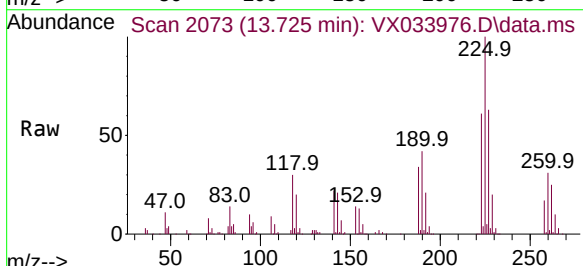
RT: 13.725 min Scan# 2073

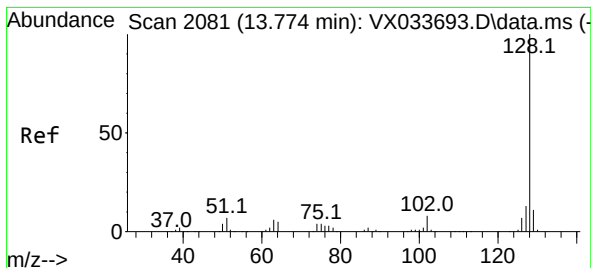
Delta R.T. -0.000 min

Lab File: VX033976.D

Acq: 31 Jan 2023 17:28

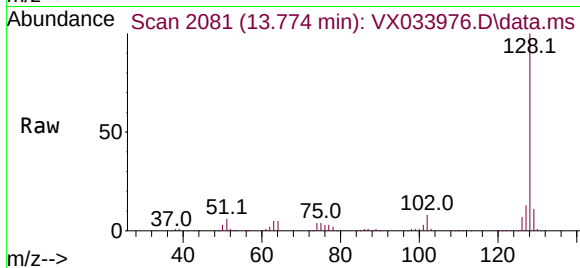
Tgt Ion:225	Resp: 63350
Ion Ratio	Lower Upper
225	100
223	62.0 31.3 93.9
227	63.4 32.3 96.9





#95
Naphthalene
Concen: 55.930 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28

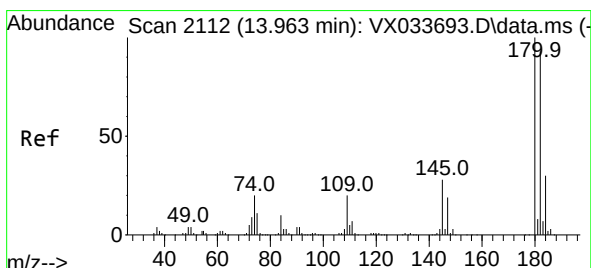
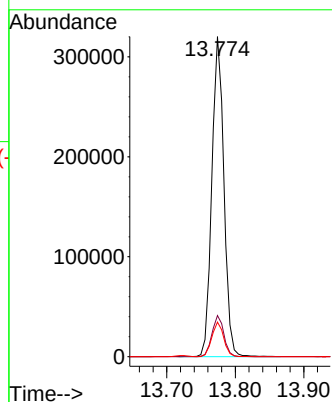
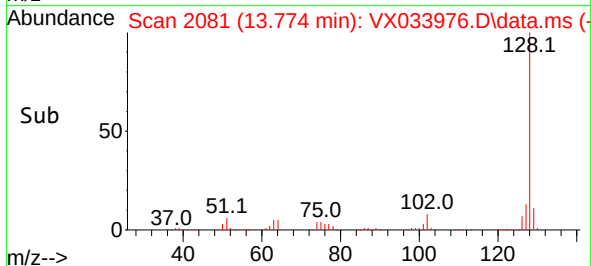
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



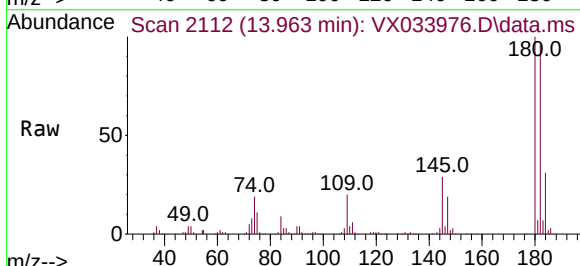
Tgt Ion:128 Resp: 392244
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.858 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033976.D
Acq: 31 Jan 2023 17:28



Tgt Ion:180 Resp: 133808
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 29.6 15.1 45.3

