

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034559.D
 Acq On : 17 Mar 2023 02:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 17 07:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	252542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	435198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	207578	56.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.000%			
35) Dibromofluoromethane	5.385	113	158730	55.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.480%			
50) Toluene-d8	8.647	98	575498	53.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.300%			
62) 4-Bromofluorobenzene	11.079	95	232830	53.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	105982	45.016	ug/l	100
3) Chloromethane	1.307	50	158085	44.174	ug/l	99
4) Vinyl Chloride	1.374	62	153516	47.888	ug/l	97
5) Bromomethane	1.599	94	80861	49.993	ug/l	95
6) Chloroethane	1.678	64	99684	54.007	ug/l	98
7) Trichlorofluoromethane	1.886	101	247694	51.422	ug/l	100
8) Diethyl Ether	2.136	74	97469	55.431	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	131361	46.794	ug/l	99
10) Methyl Iodide	2.453	142	190619	51.720	ug/l	97
11) Tert butyl alcohol	2.959	59	208973	273.139	ug/l	99
12) 1,1-Dichloroethene	2.319	96	130886	47.343	ug/l	98
13) Acrolein	2.233	56	178947	295.658	ug/l	100
14) Allyl chloride	2.660	41	262629	46.856	ug/l	97
15) Acrylonitrile	3.062	53	453527	274.414	ug/l	99
16) Acetone	2.380	43	400986	231.700	ug/l	100
17) Carbon Disulfide	2.508	76	307556	39.530	ug/l	99
18) Methyl Acetate	2.703	43	307917	54.452	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	519918	52.523	ug/l	99
20) Methylene Chloride	2.788	84	160821	47.881	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	143564	48.897	ug/l	96
22) Diisopropyl ether	3.757	45	559991	52.402	ug/l	99
23) Vinyl Acetate	3.721	43	2172861	267.163	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290544	50.577	ug/l	100
25) 2-Butanone	4.550	43	653985	264.099	ug/l	98
26) 2,2-Dichloropropane	4.477	77	199577	39.968	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	177585	50.244	ug/l	98
28) Bromochloromethane	4.897	49	117083	43.834	ug/l	98
29) Tetrahydrofuran	5.001	42	419335	274.432	ug/l	99
30) Chloroform	5.092	83	302305	53.686	ug/l	95
31) Cyclohexane	5.464	56	236181	45.837	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	255242	51.203	ug/l	99
36) 1,1-Dichloropropene	5.690	75	207407	46.996	ug/l	99
37) Ethyl Acetate	4.708	43	254196	52.722	ug/l	99
38) Carbon Tetrachloride	5.678	117	212342	48.364	ug/l	99
39) Methylcyclohexane	7.379	83	233105	44.136	ug/l	95
40) Benzene	6.037	78	627254	48.584	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	145311	54.994	ug/l	98
42) 1,2-Dichloroethane	6.086	62	254779	53.695	ug/l	98
43) Isopropyl Acetate	6.336	43	427752	52.370	ug/l	100
44) Trichloroethene	7.123	130	157813	47.045	ug/l	99
45) 1,2-Dichloropropane	7.427	63	171434	50.855	ug/l	99
46) Dibromomethane	7.580	93	115966	50.600	ug/l	99
47) Bromodichloromethane	7.818	83	228013	51.406	ug/l	98
48) Methyl methacrylate	7.690	41	212868	54.188	ug/l	98
49) 1,4-Dioxane	7.659	88	94783	1148.756	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1332099	281.138	ug/l	98
52) Toluene	8.720	92	400682	50.128	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	252526	50.535	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	266317	49.261	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	167462	52.791	ug/l	98
56) Ethyl methacrylate	9.116	69	278712	53.512	ug/l	97
57) 1,3-Dichloropropane	9.305	76	296189	52.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	685888	255.531	ug/l	100
59) 2-Hexanone	9.427	43	1015788	277.330	ug/l	98
60) Dibromochloromethane	9.518	129	176286	52.987	ug/l	100
61) 1,2-Dibromoethane	9.610	107	178434	52.126	ug/l	99
64) Tetrachloroethene	9.275	164	131035	48.086	ug/l	99
65) Chlorobenzene	10.079	112	426922	47.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162936	50.262	ug/l	100
67) Ethyl Benzene	10.195	91	786609	49.366	ug/l	99
68) m/p-Xylenes	10.299	106	590143	96.412	ug/l	98
69) o-Xylene	10.640	106	297610	48.449	ug/l	98
70) Styrene	10.652	104	495431	49.990	ug/l	99
71) Bromoform	10.799	173	124628	49.944	ug/l #	99
73) Isopropylbenzene	10.963	105	776036	49.254	ug/l	99
74) N-amyl acetate	10.841	43	395743	52.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	271936	51.722	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	228615m	48.841	ug/l	
77) Bromobenzene	11.195	156	186258	49.272	ug/l	99
78) n-propylbenzene	11.305	91	906894	49.840	ug/l	99
79) 2-Chlorotoluene	11.366	91	560042	49.835	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	670275	50.719	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76686	44.321	ug/l	93
82) 4-Chlorotoluene	11.451	91	656046	50.682	ug/l	99
83) tert-Butylbenzene	11.713	119	664781	49.892	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	674844	49.966	ug/l	99
85) sec-Butylbenzene	11.890	105	816324	50.113	ug/l	99
86) p-Isopropyltoluene	12.006	119	684680	50.011	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	358671	48.425	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	362777	48.440	ug/l	100
89) n-Butylbenzene	12.335	91	598033	49.137	ug/l	99
90) Hexachloroethane	12.536	117	124060	48.972	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	356466	49.801	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62002	51.905	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	215310	48.102	ug/l	99
94) Hexachlorobutadiene	13.725	225	83880	46.515	ug/l	100
95) Naphthalene	13.774	128	763241	50.849	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	214522	49.028	ug/l	99

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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

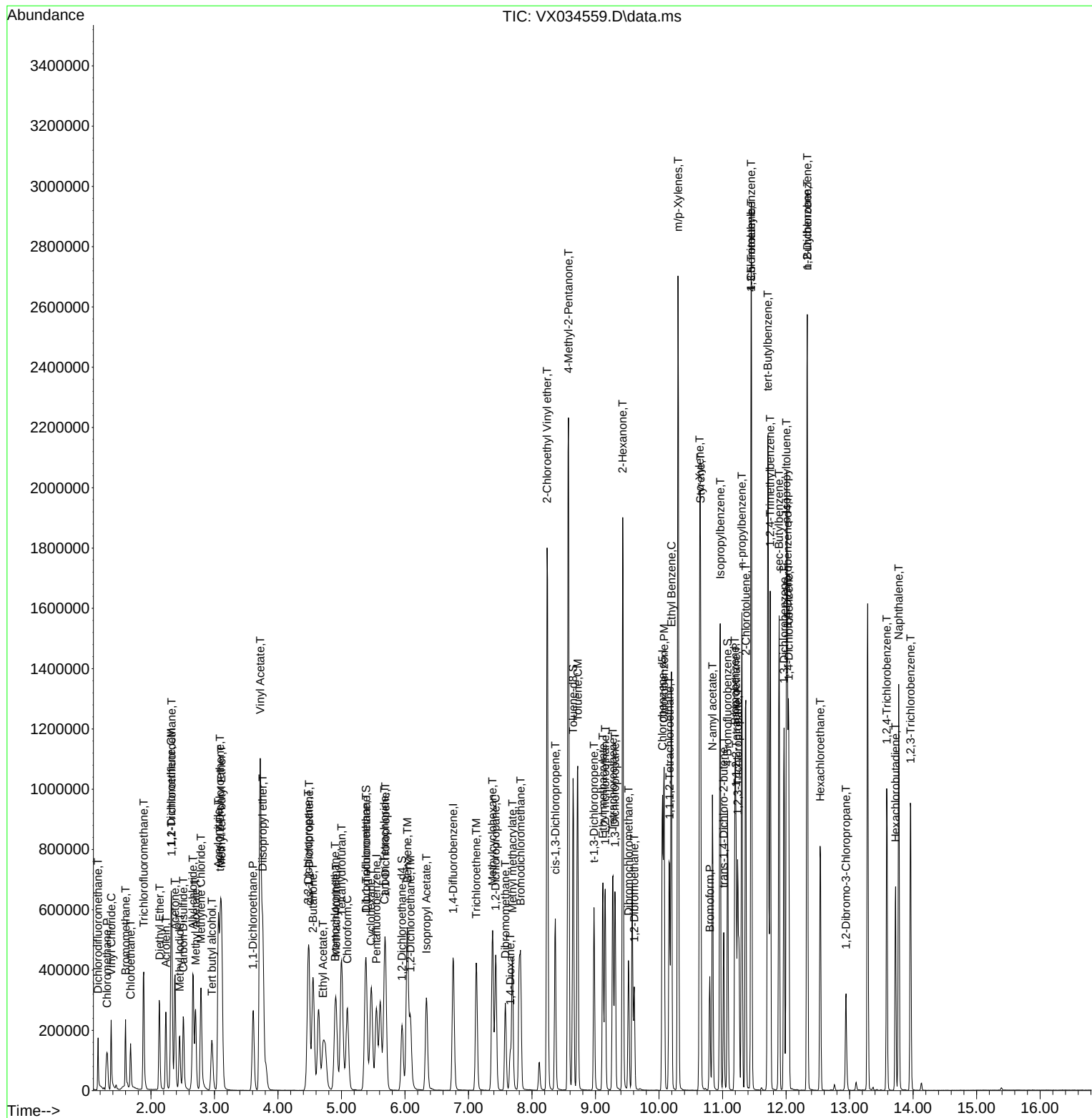
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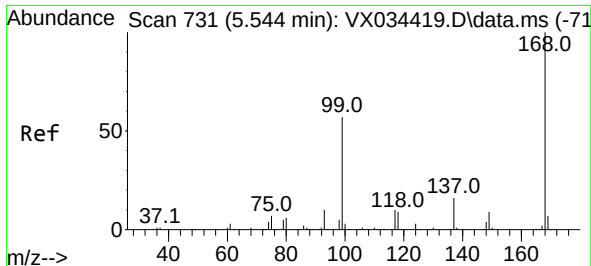
Instrument :
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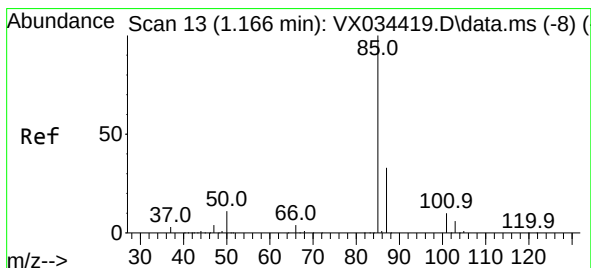
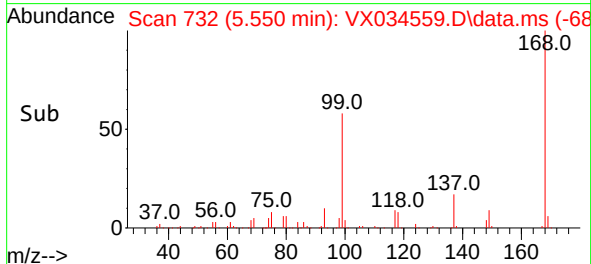
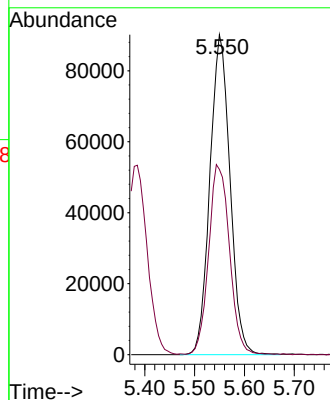
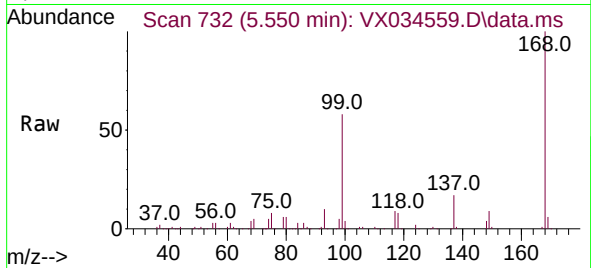
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034559.D
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Tgt Ion:168 Resp: 25254
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5

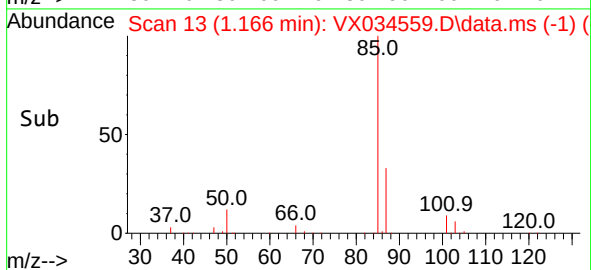
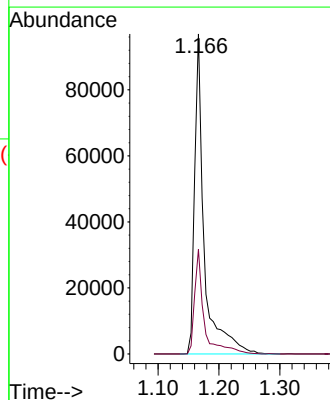
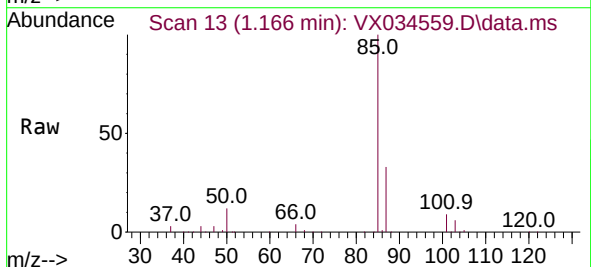
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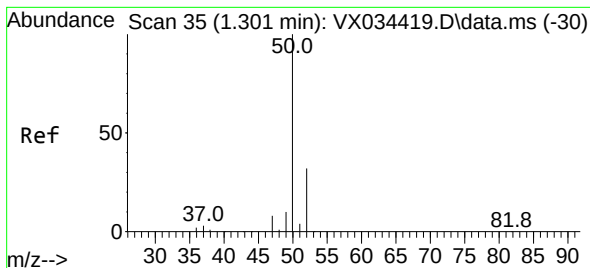
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 45.016 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 85 Resp: 105982
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3

Chloromethane

Concen: 44.174 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 15808

Ion Ratio Lower Upper

50 100

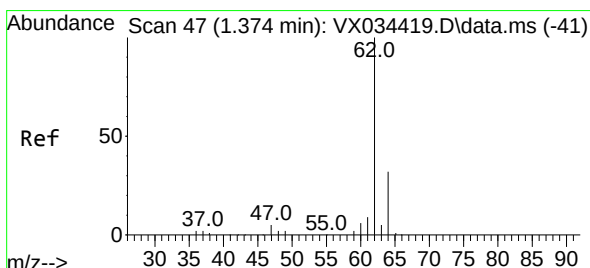
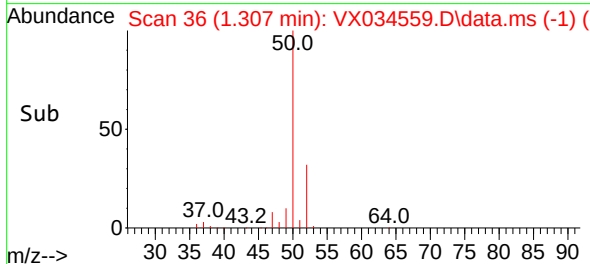
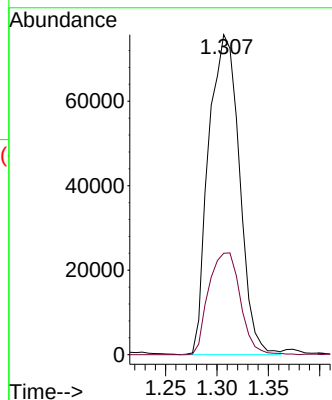
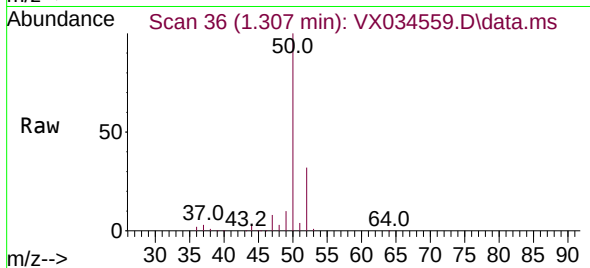
52 31.7 25.9 38.9

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 47.888 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034559.D

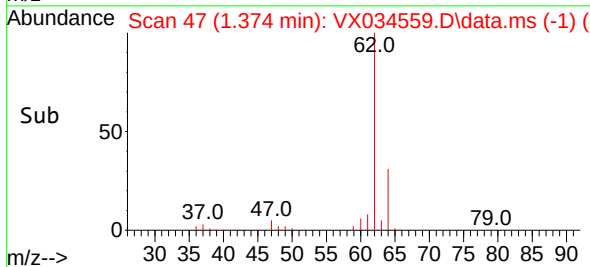
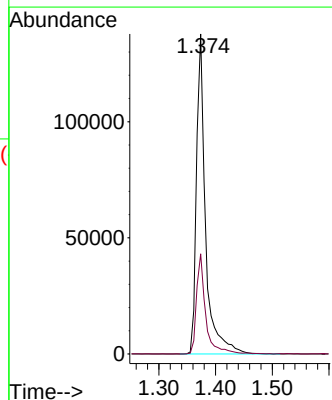
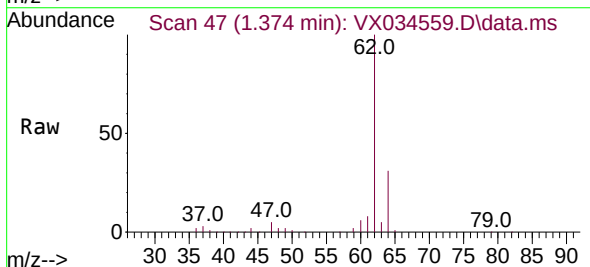
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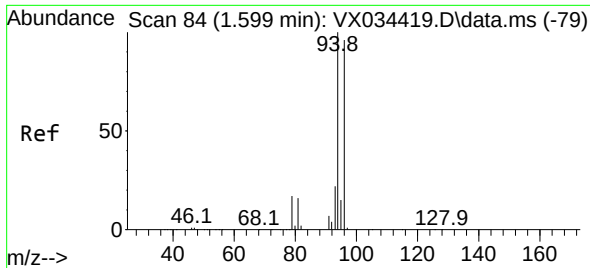
Tgt Ion: 62 Resp: 153516

Ion Ratio Lower Upper

62 100

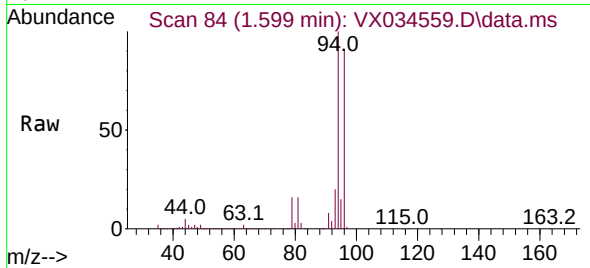
64 31.3 26.4 39.6





#5
Bromomethane
Concen: 49.993 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
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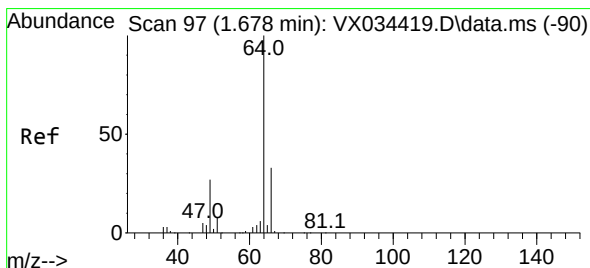
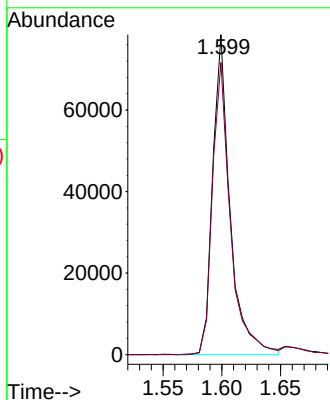
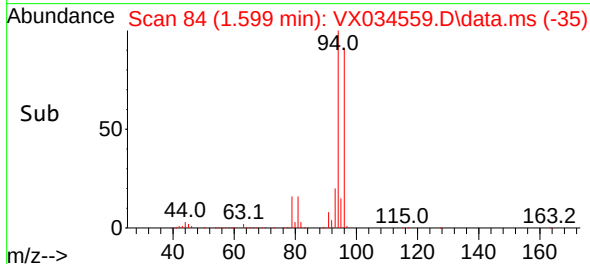
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Tgt Ion: 94 Resp: 8086
Ion Ratio Lower Upper
94 100
96 91.3 77.0 115.6

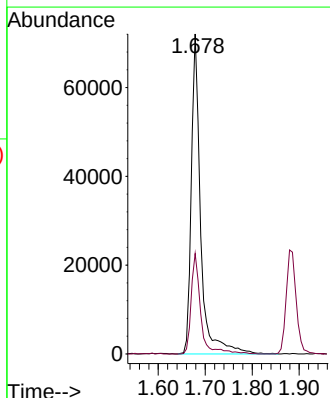
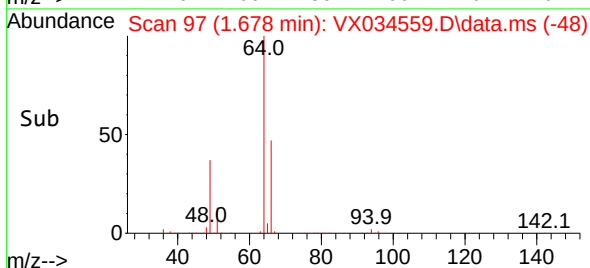
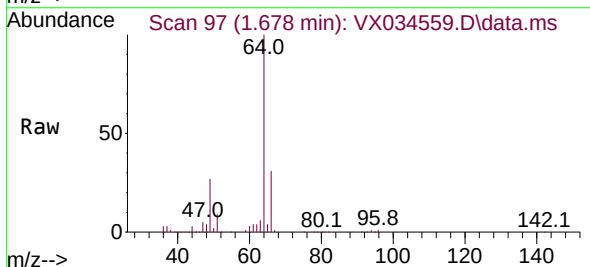
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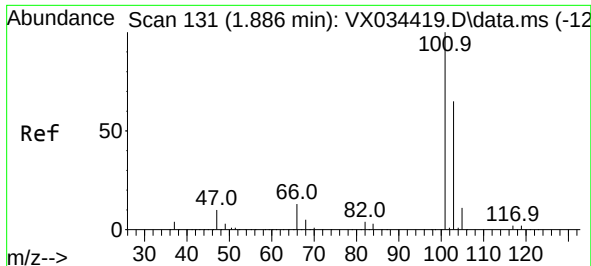
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#6
Chloroethane
Concen: 54.007 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034559.D
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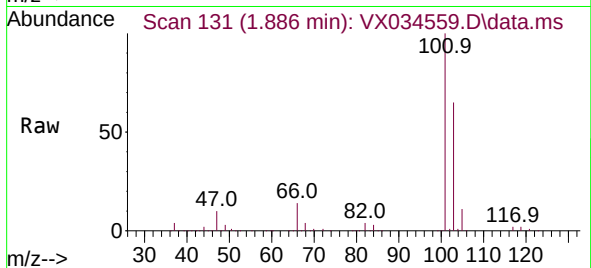
Tgt Ion: 64 Resp: 99684
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.422 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

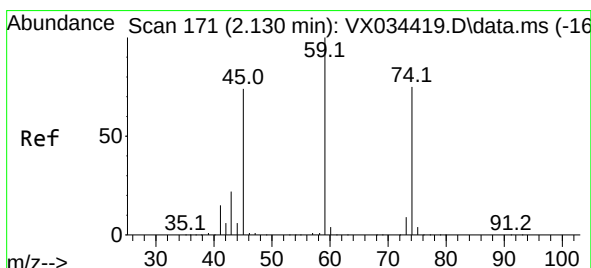
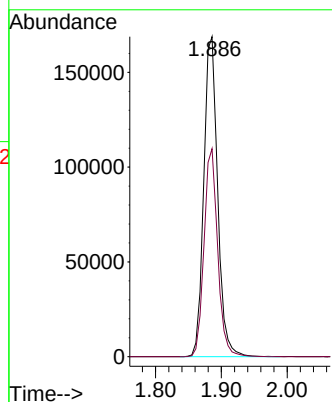
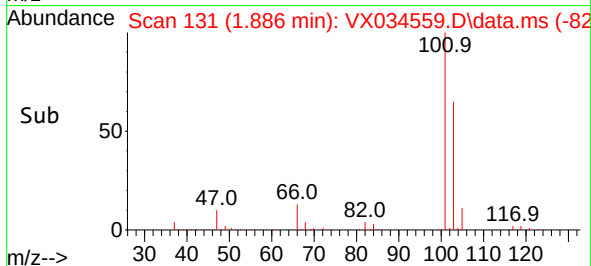
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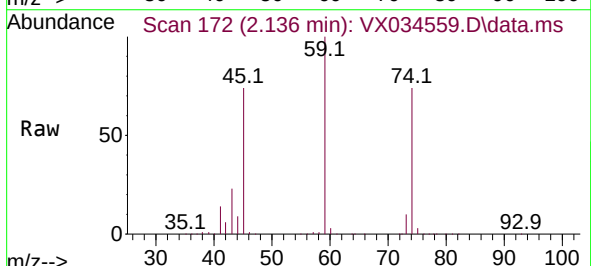
Tgt Ion:101 Resp: 247694
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

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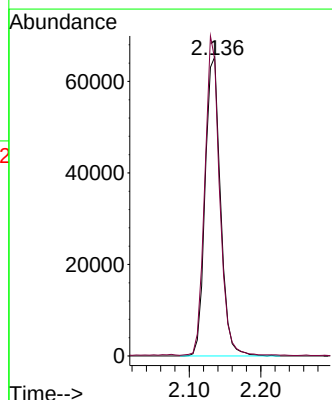
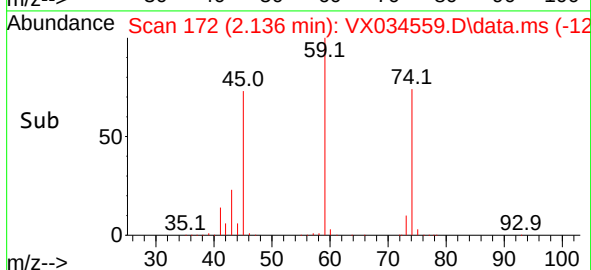
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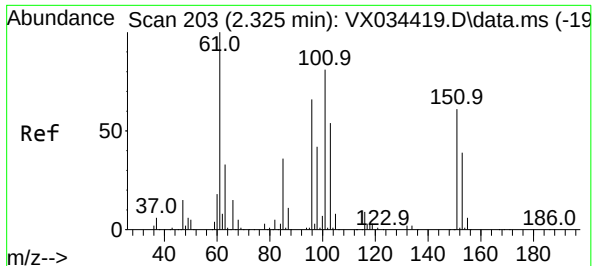


#8
Diethyl Ether
Concen: 55.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion: 74 Resp: 97469
Ion Ratio Lower Upper
74 100
45 102.7 49.8 149.3





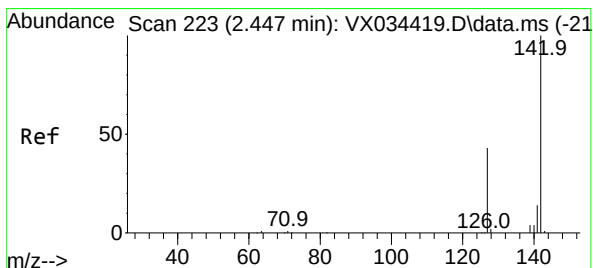
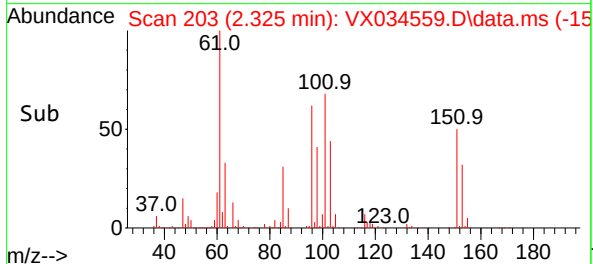
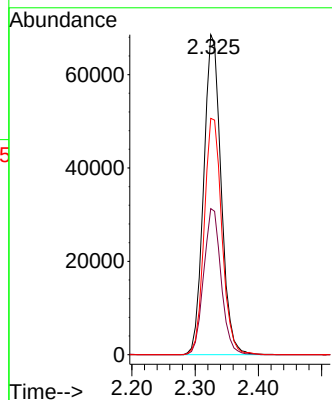
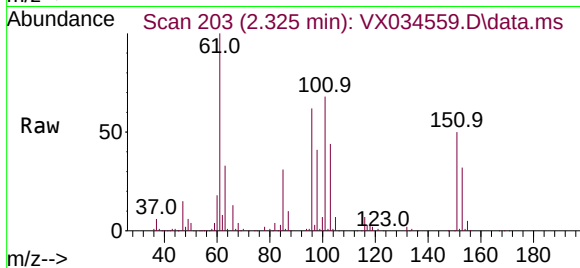
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.794 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13136
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 74.7 60.2 90.4

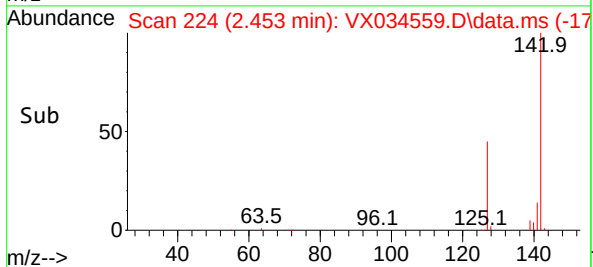
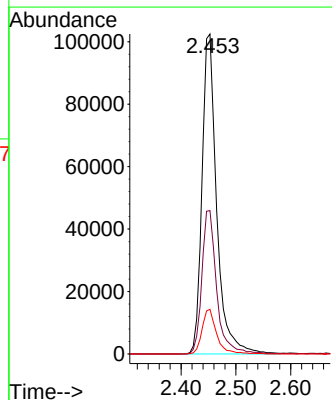
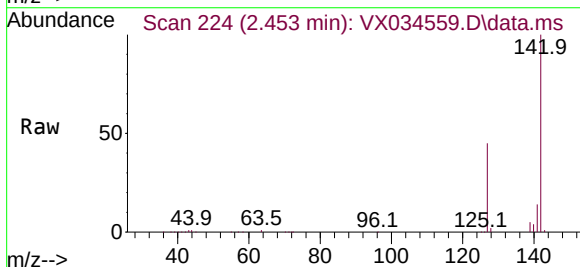
Manual Integrations
APPROVED

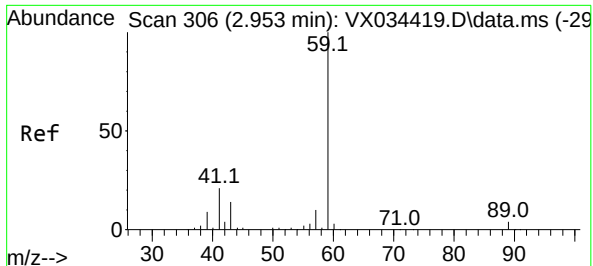
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#10
Methyl Iodide
Concen: 51.720 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:142 Resp: 190619
Ion Ratio Lower Upper
142 100
127 45.3 34.0 51.0
141 13.8 11.1 16.7





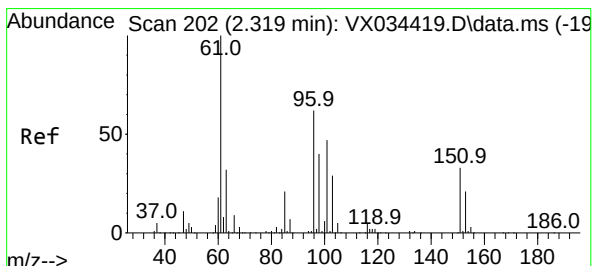
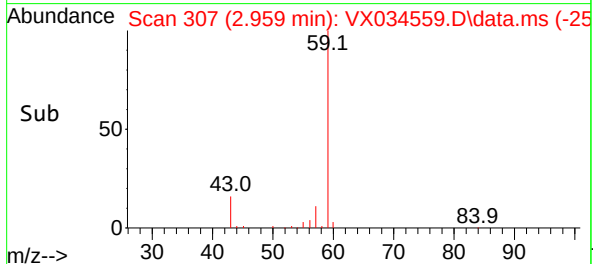
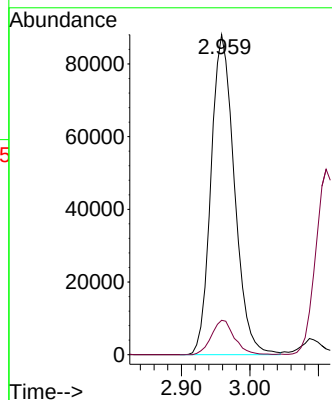
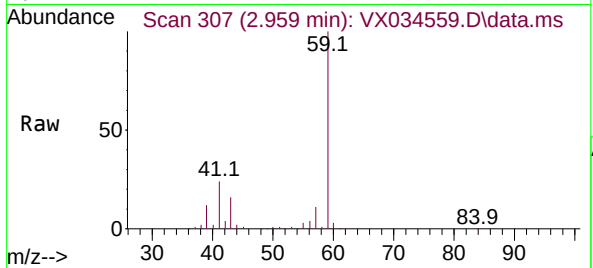
#11
Tert butyl alcohol
Concen: 273.139 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 208973
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

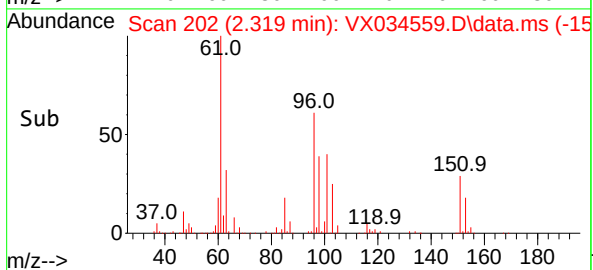
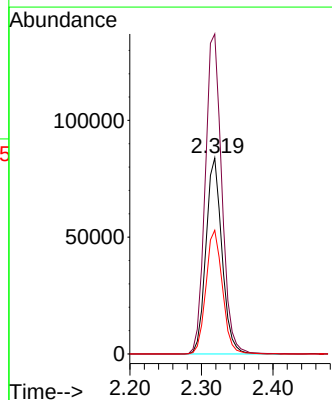
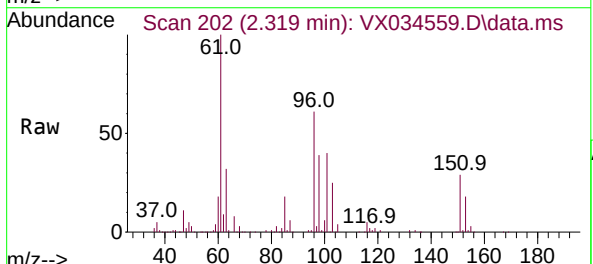
Manual Integrations
APPROVED

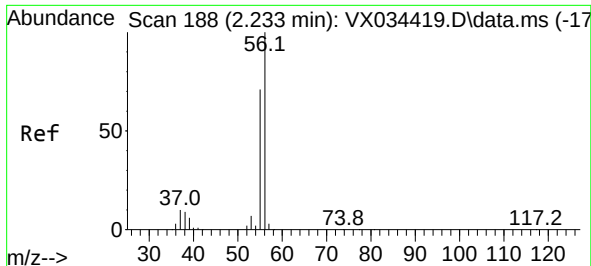
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#12
1,1-Dichloroethene
Concen: 47.343 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 96 Resp: 130886
Ion Ratio Lower Upper
96 100
61 163.2 128.8 193.2
98 63.1 51.4 77.0





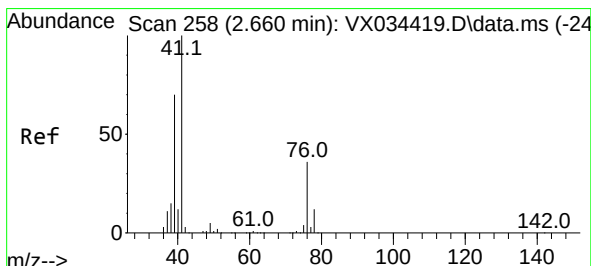
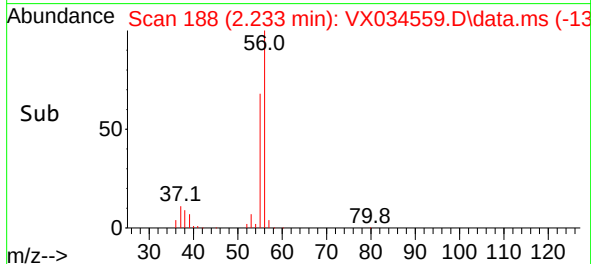
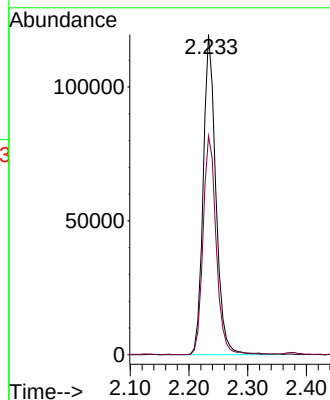
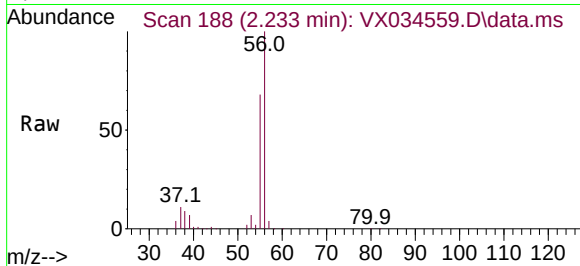
#13
Acrolein
Concen: 295.658 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 17894
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

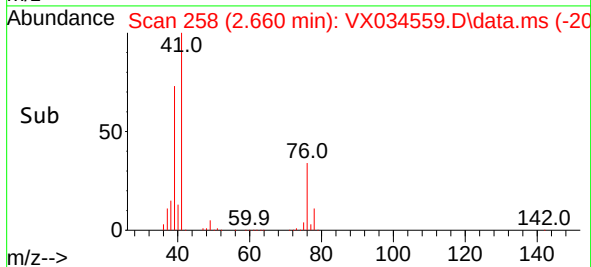
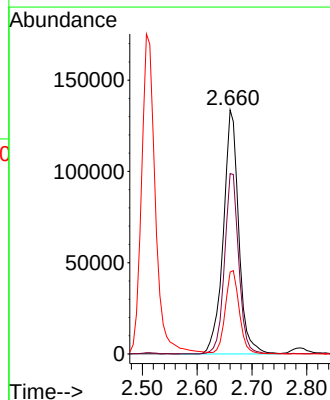
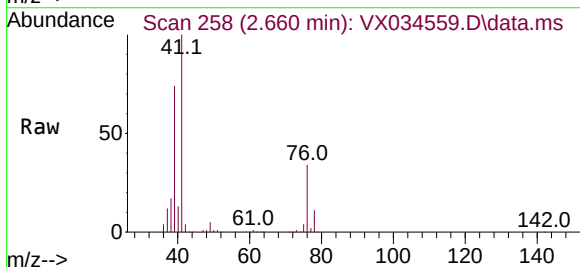
Manual Integrations
APPROVED

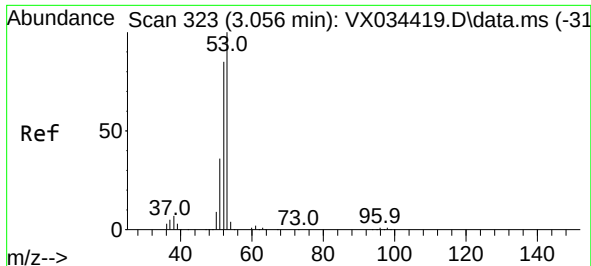
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 46.856 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

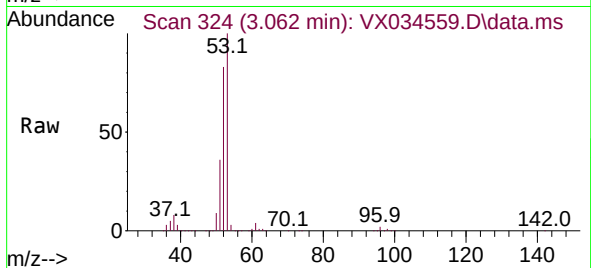
Tgt Ion: 41 Resp: 262629
Ion Ratio Lower Upper
41 100
39 68.2 52.4 78.6
76 31.2 26.0 39.0





#15
Acrylonitrile
Concen: 274.414 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

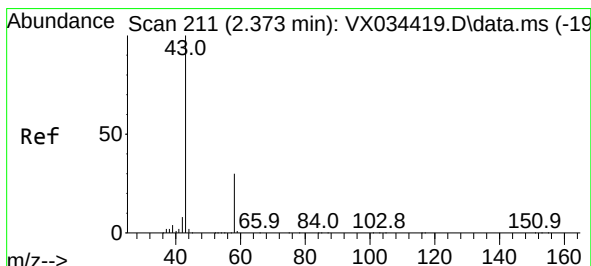
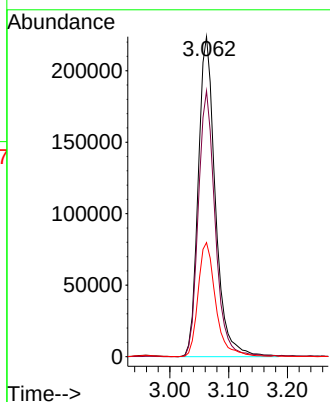
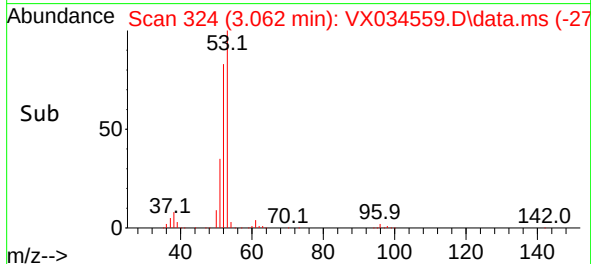
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



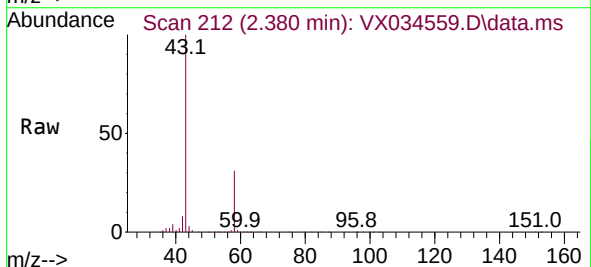
Tgt Ion: 53 Resp: 45352
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 36.7 28.3 42.5

Manual Integrations
APPROVED

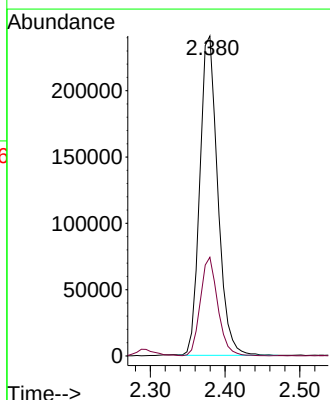
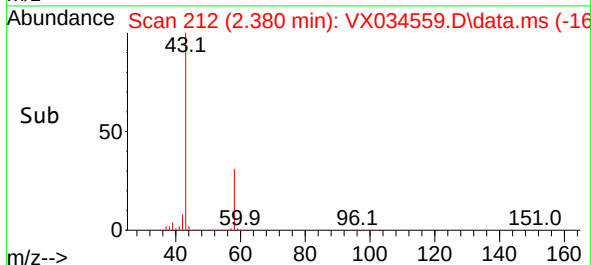
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

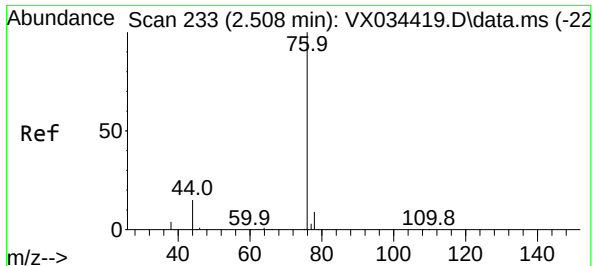


#16
Acetone
Concen: 231.700 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion: 43 Resp: 400986
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1





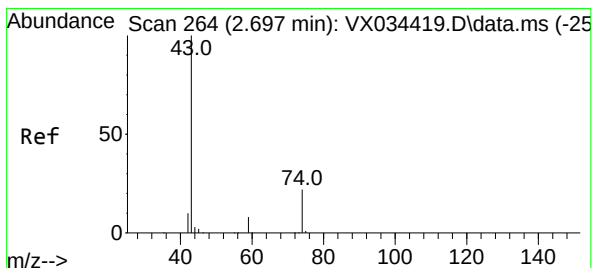
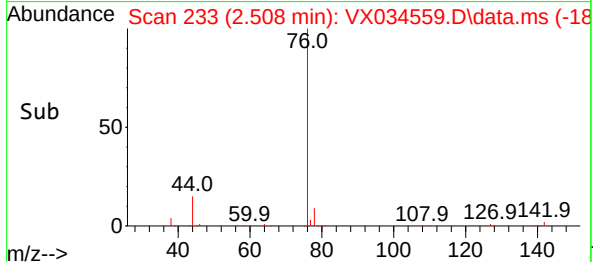
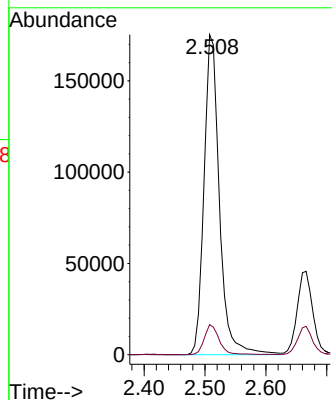
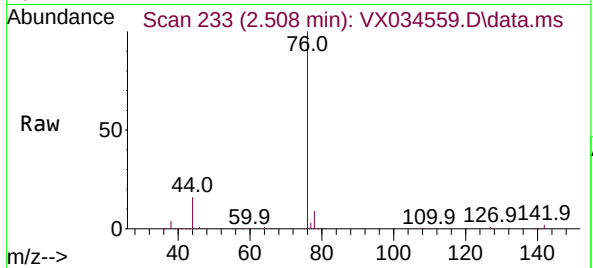
#17
Carbon Disulfide
Concen: 39.530 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 307550
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

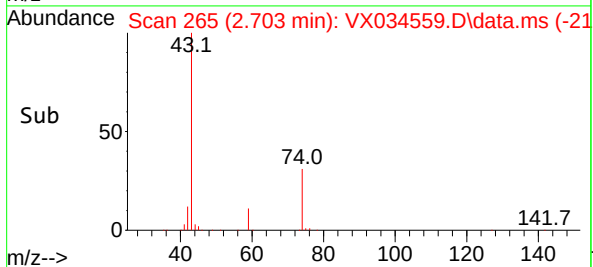
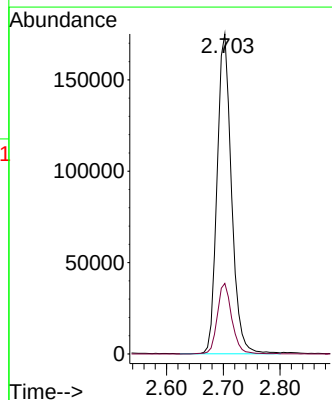
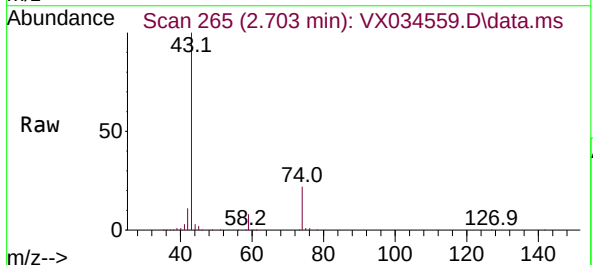
Manual Integrations
APPROVED

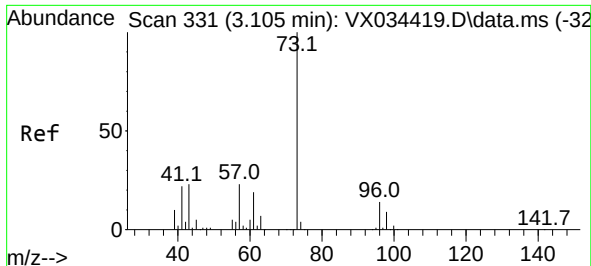
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#18
Methyl Acetate
Concen: 54.452 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 43 Resp: 307917
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





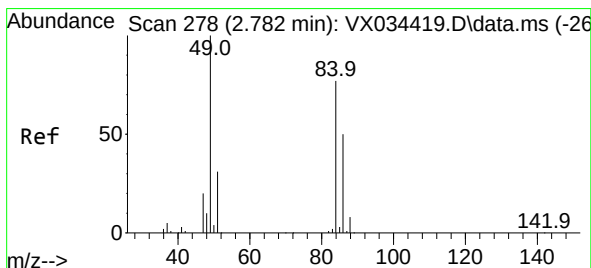
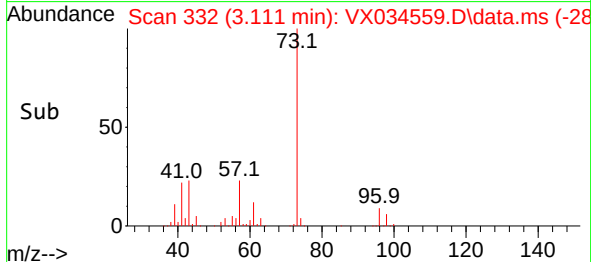
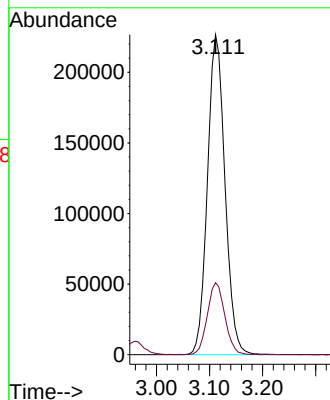
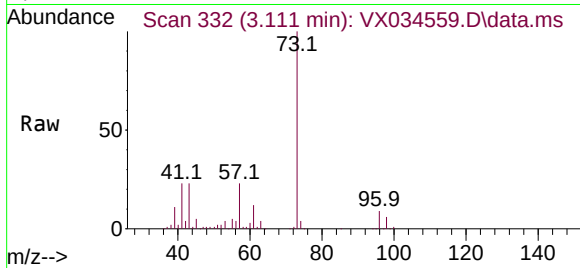
#19
Methyl tert-butyl Ether
Concen: 52.523 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 519918
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

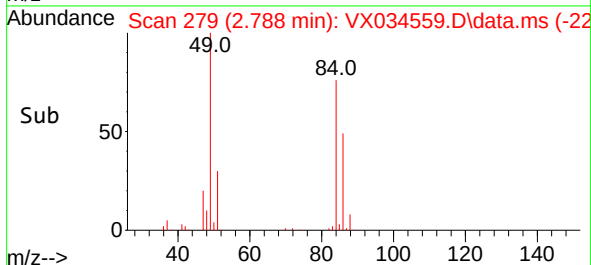
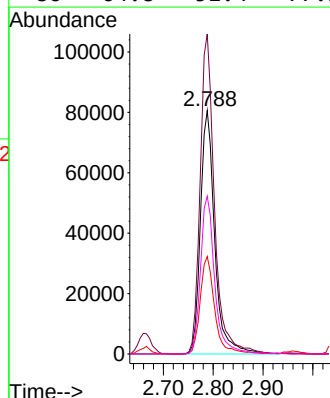
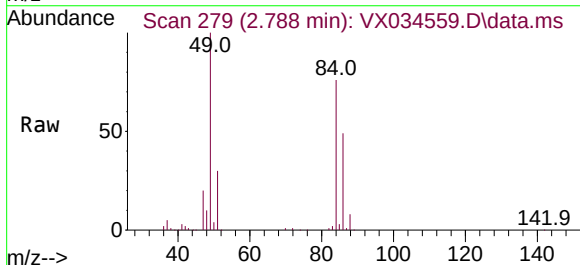
Manual Integrations
APPROVED

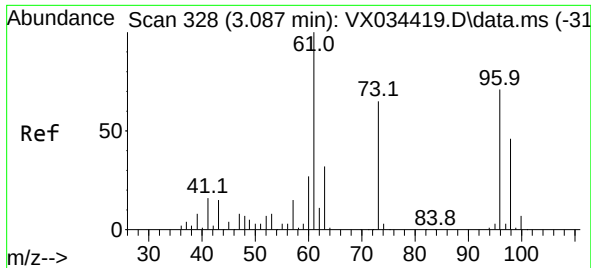
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 47.881 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

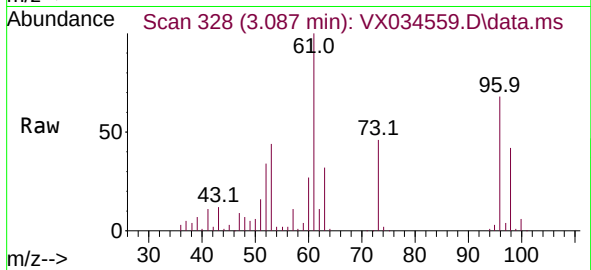
Tgt Ion: 84 Resp: 160821
Ion Ratio Lower Upper
84 100
49 131.5 103.8 155.8
51 40.0 31.8 47.8
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.897 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

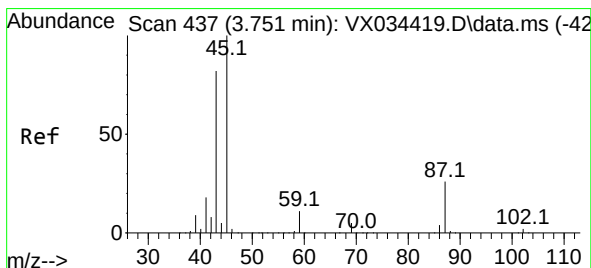
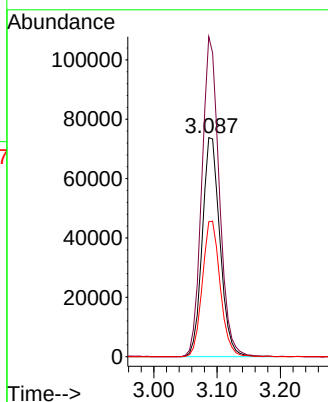
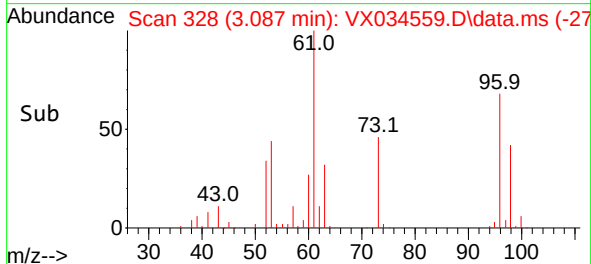
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



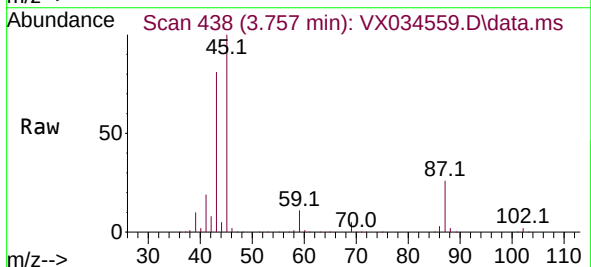
Tgt Ion: 96 Resp: 143564
Ion Ratio Lower Upper
96 100
61 146.1 113.0 169.6
98 61.6 52.1 78.1

Manual Integrations
APPROVED

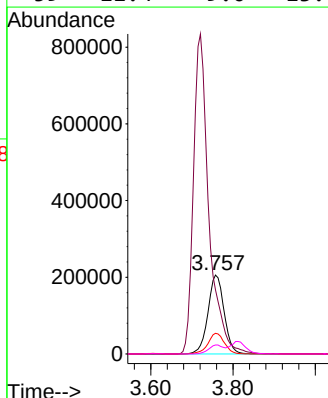
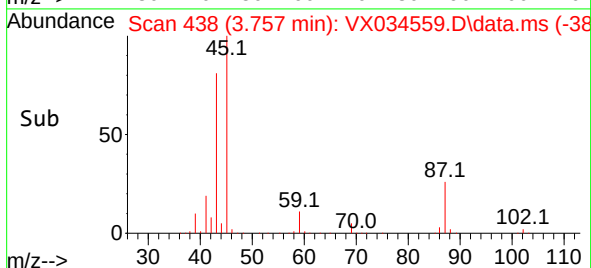
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

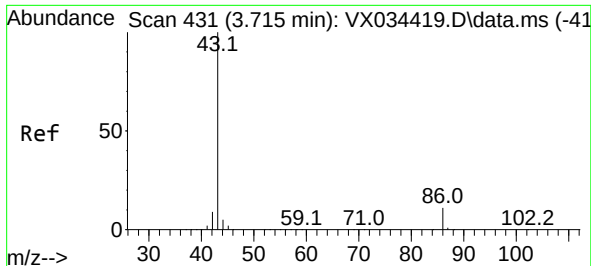


#22
Diisopropyl ether
Concen: 52.402 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



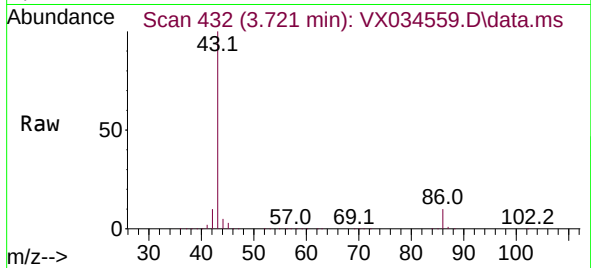
Tgt Ion: 45 Resp: 559991
Ion Ratio Lower Upper
45 100
43 81.3 65.4 98.2
87 26.2 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 267.163 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX034559.D
 Acq: 17 Mar 2023 02:30

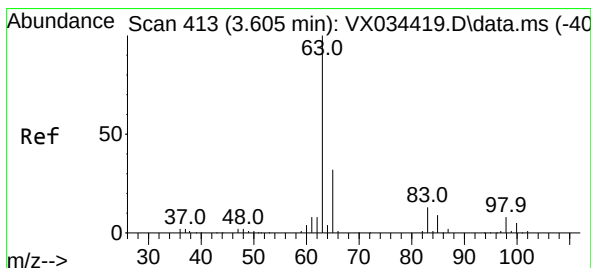
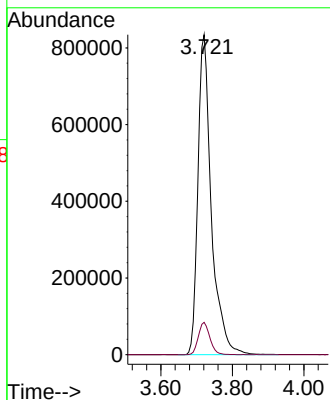
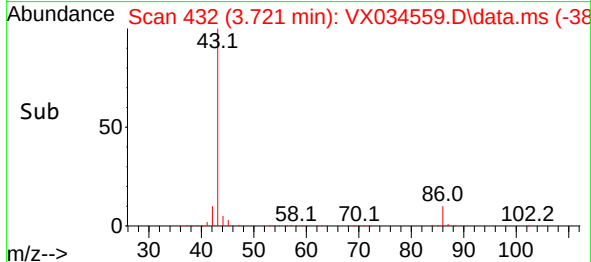
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



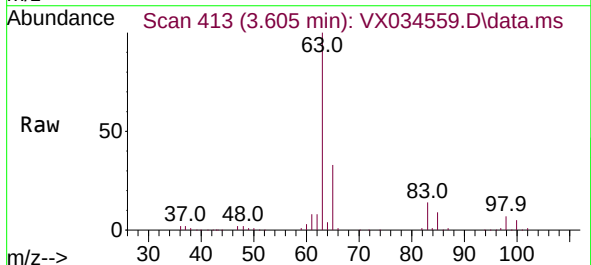
Tgt Ion: 43 Resp: 217286
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

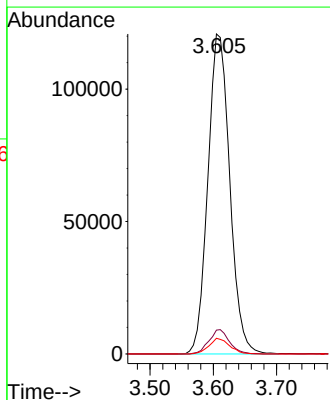
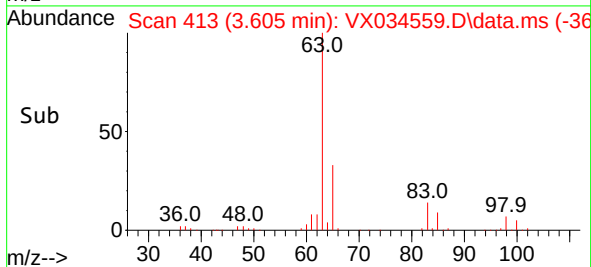
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

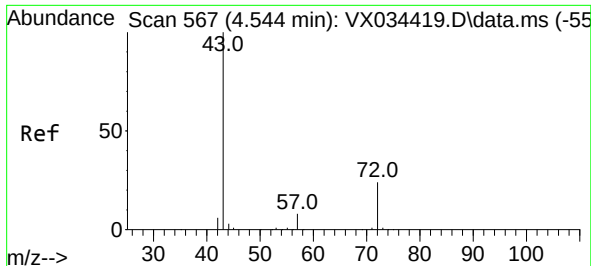


#24
 1,1-Dichloroethane
 Concen: 50.577 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX034559.D
 Acq: 17 Mar 2023 02:30



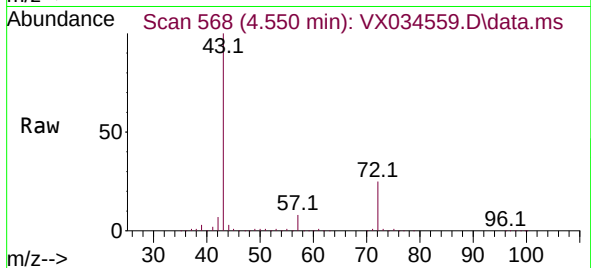
Tgt Ion: 63 Resp: 290544
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.9 2.4 7.1





#25
2-Butanone
Concen: 264.099 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

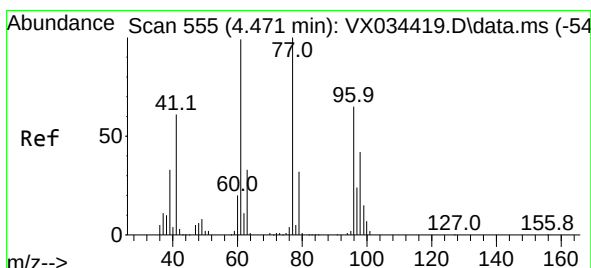
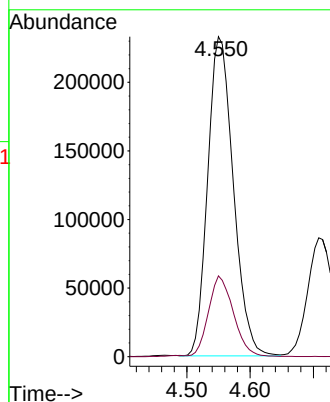
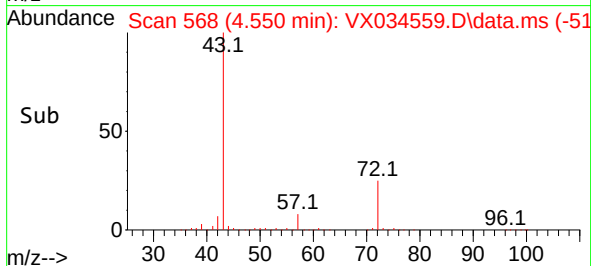
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 65398
Ion Ratio Lower Upper
43 100
72 25.2 19.3 28.9

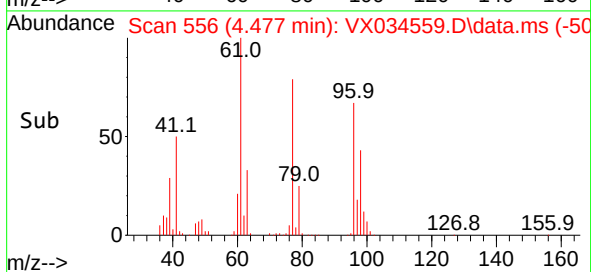
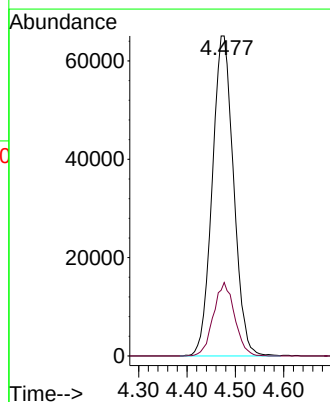
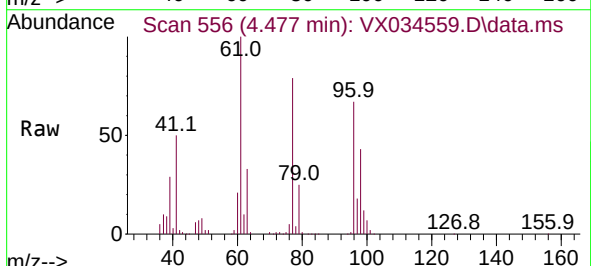
Manual Integrations
APPROVED

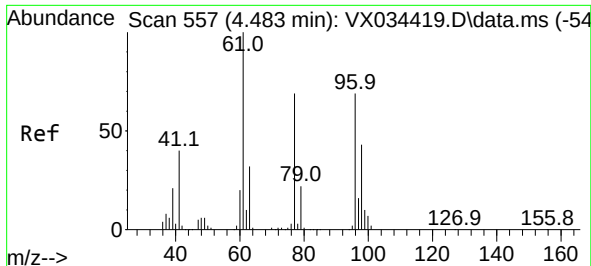
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 39.968 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 77 Resp: 199577
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.244 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 17758

Ion Ratio Lower Upper

96 100

61 147.1 0.0 300.4

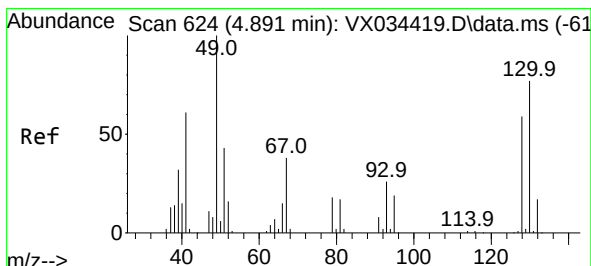
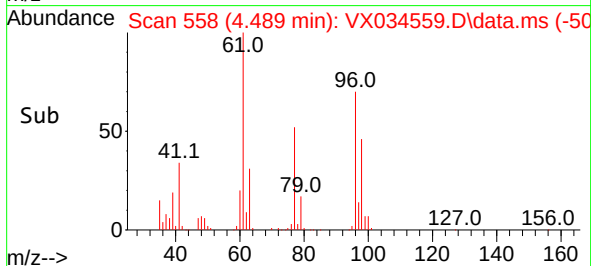
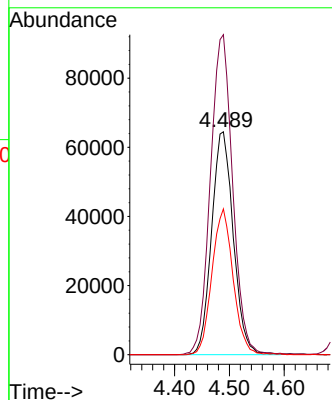
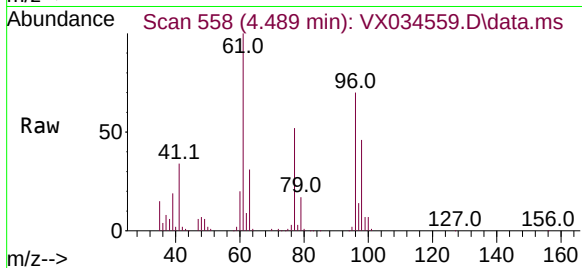
98 63.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#28

Bromochloromethane

Concen: 43.834 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

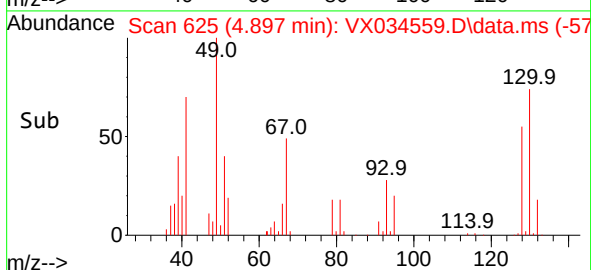
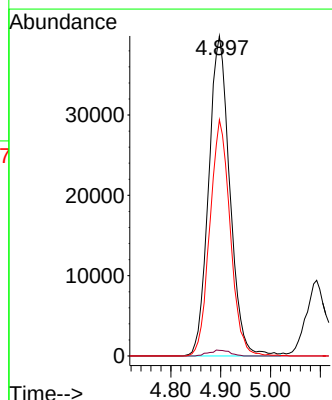
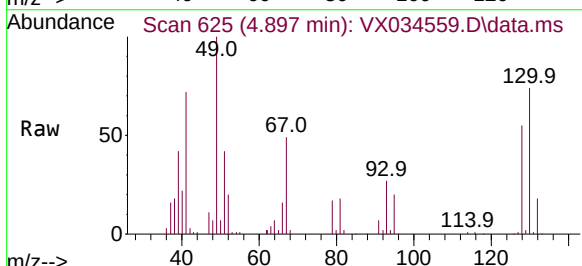
Tgt Ion: 49 Resp: 117083

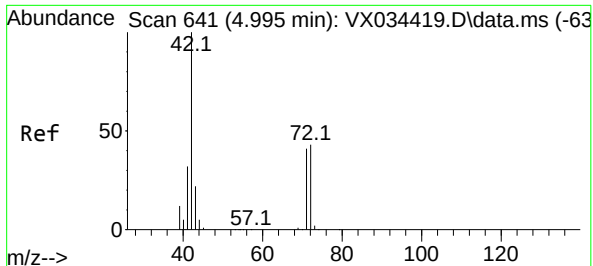
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 274.432 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 41933

Ion Ratio Lower Upper

42 100

72 42.5 34.5 51.7

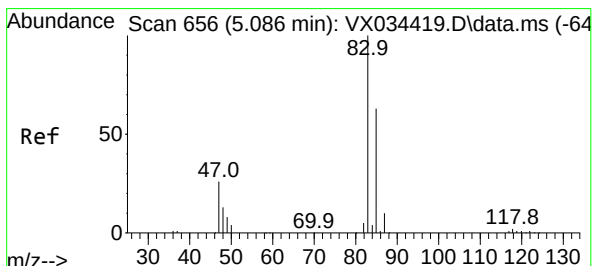
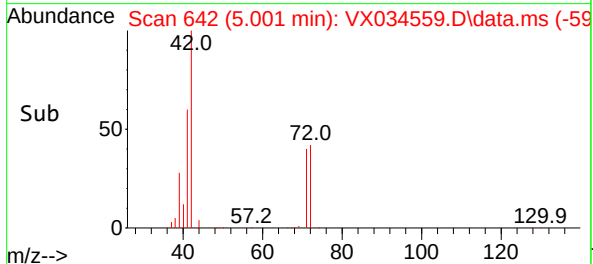
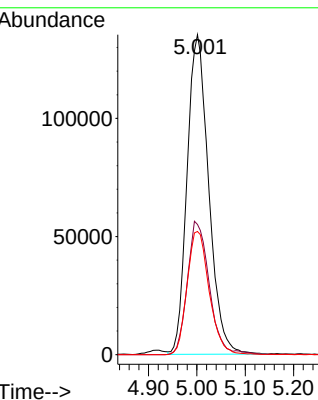
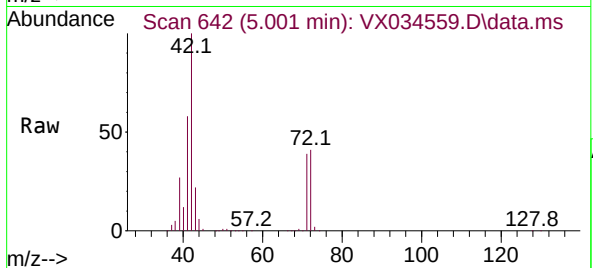
71 39.7 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 53.686 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034559.D

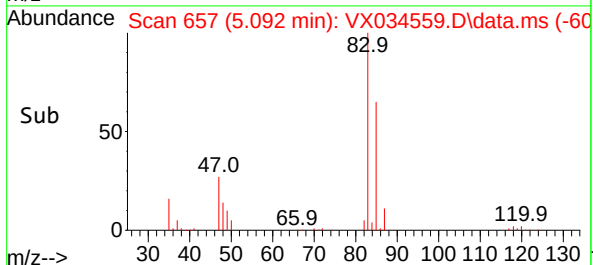
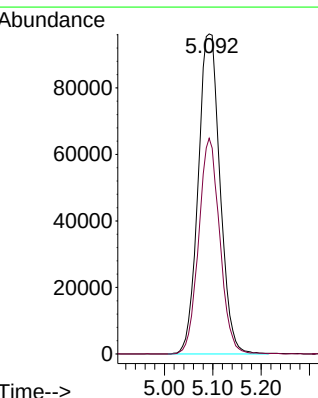
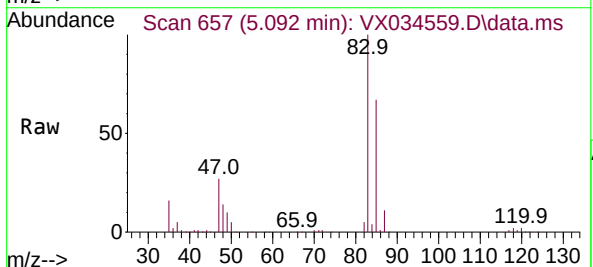
Acq: 17 Mar 2023 02:30

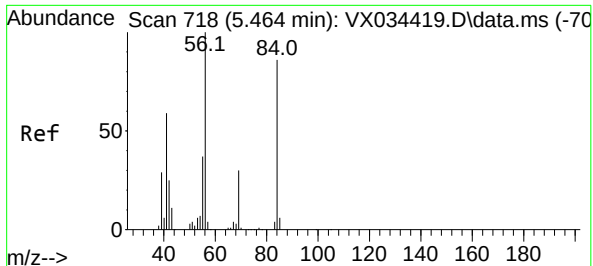
Tgt Ion: 83 Resp: 302305

Ion Ratio Lower Upper

83 100

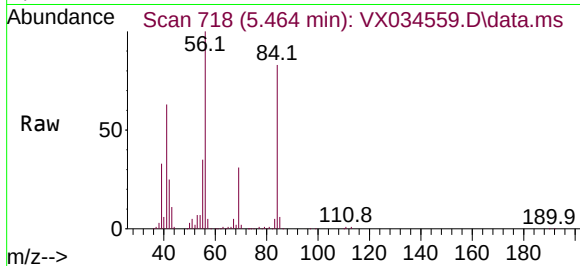
85 67.4 50.6 76.0





#31
Cyclohexane
Concen: 45.837 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

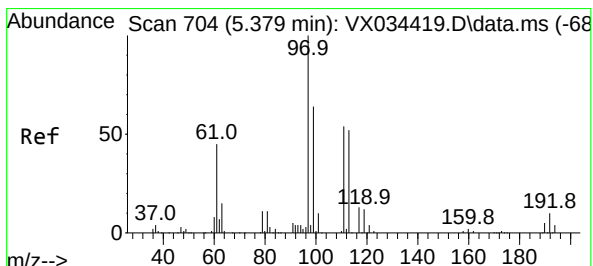
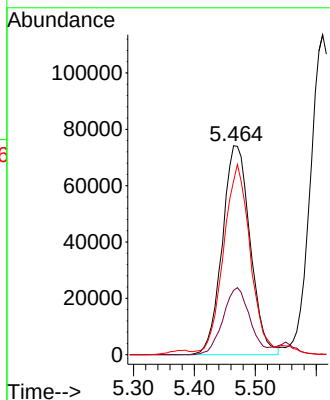
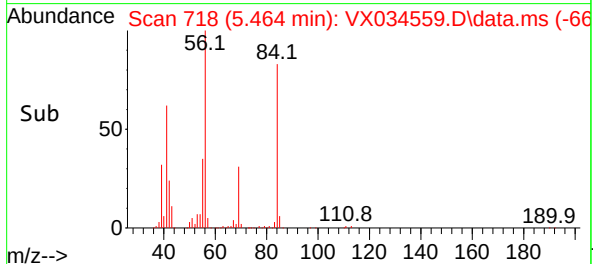
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



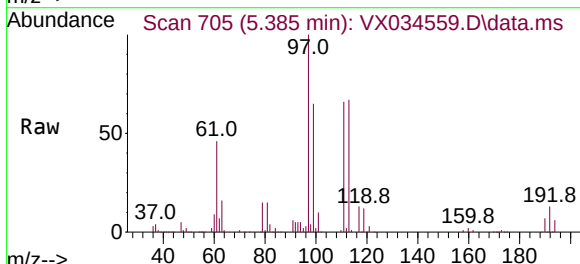
Tgt Ion: 56 Resp: 23618
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 81.0 68.5 102.7

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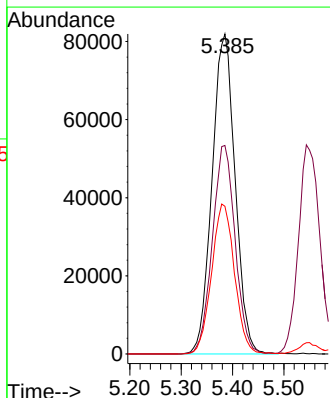
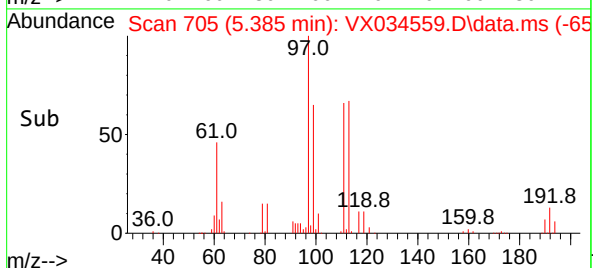
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

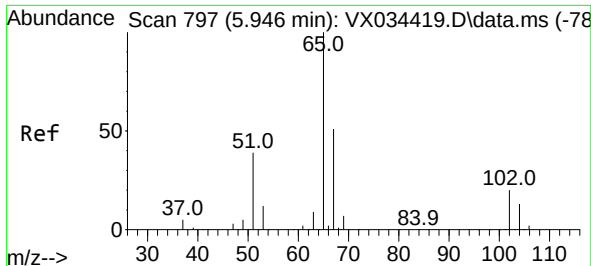


#32
1,1,1-Trichloroethane
Concen: 51.203 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion: 97 Resp: 255242
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 46.6 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 56.500 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

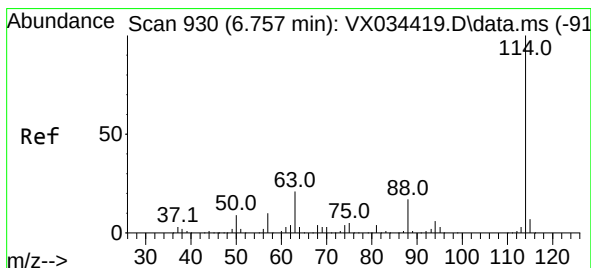
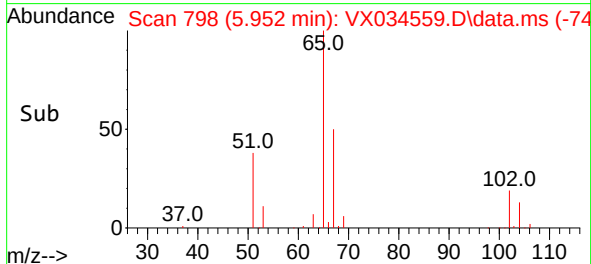
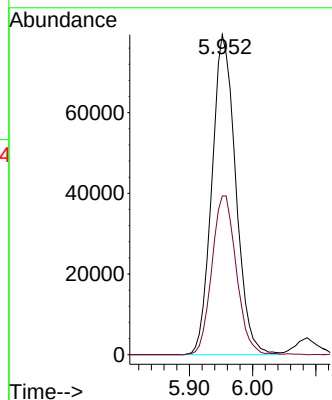
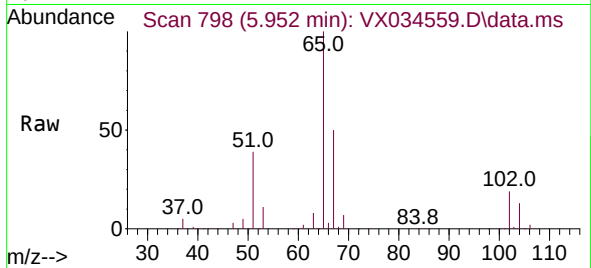
VSTDCCC050

Tgt Ion: 65 Resp: 207578
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

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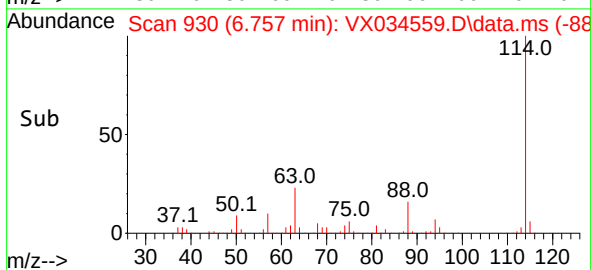
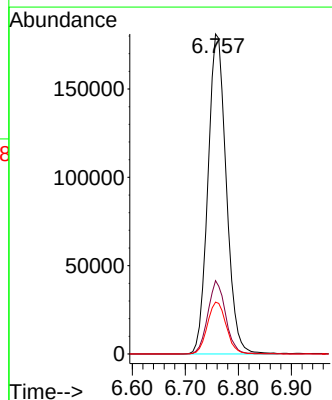
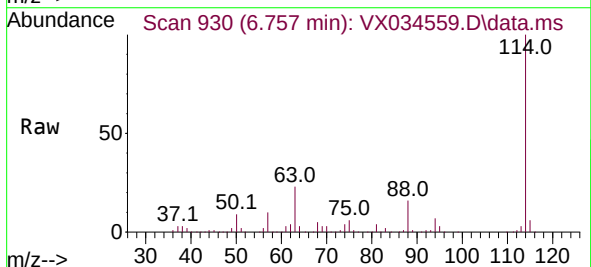
APPROVED

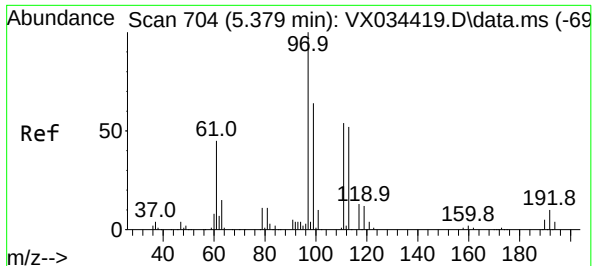
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:114 Resp: 435198
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.242 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 158730

Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

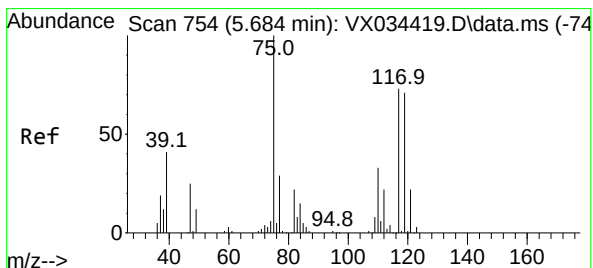
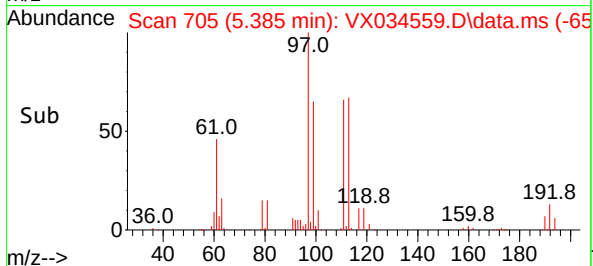
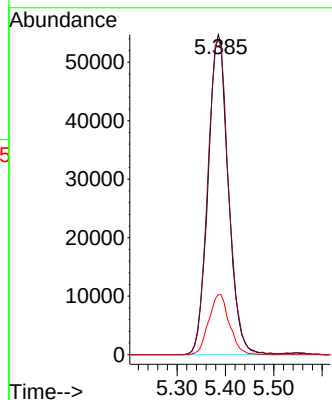
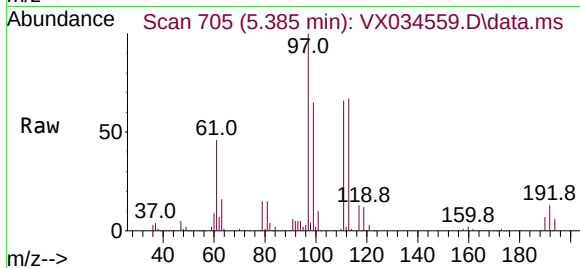
192 19.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 46.996 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

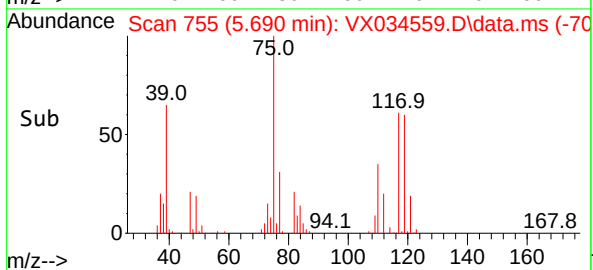
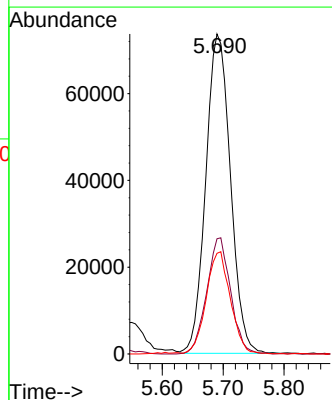
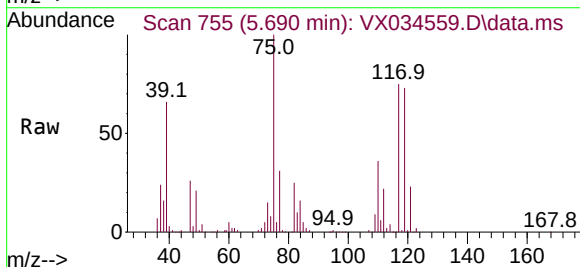
Tgt Ion: 75 Resp: 207407

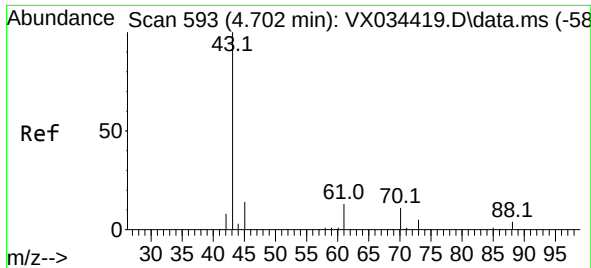
Ion Ratio Lower Upper

75 100

110 35.2 17.5 52.5

77 31.1 24.3 36.5





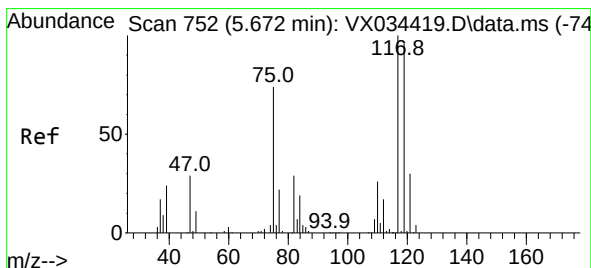
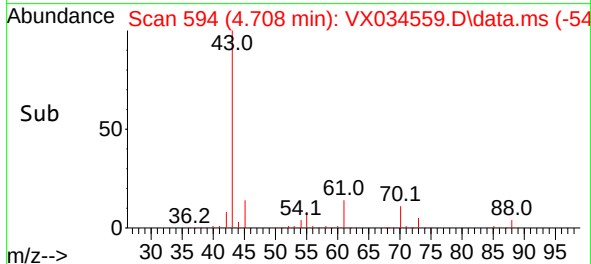
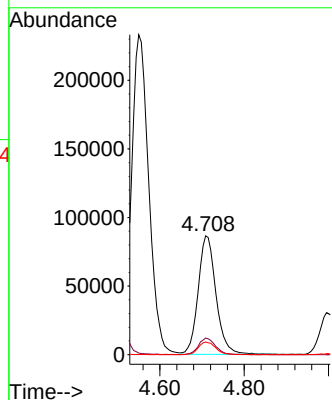
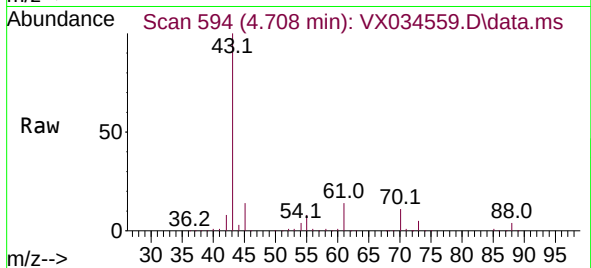
#37
Ethyl Acetate
Concen: 52.722 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 254190
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.4
70 10.4 8.2 12.4

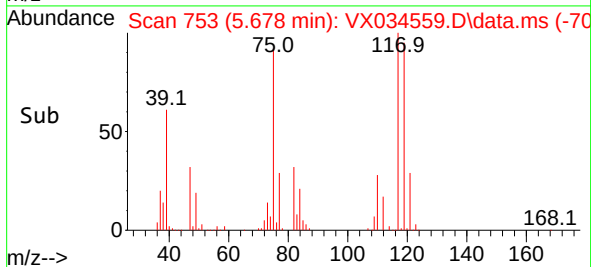
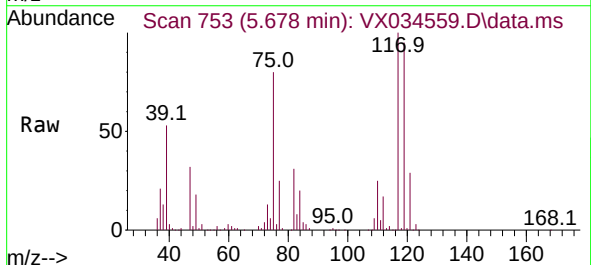
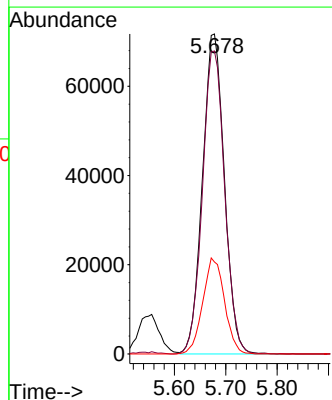
Manual Integrations
APPROVED

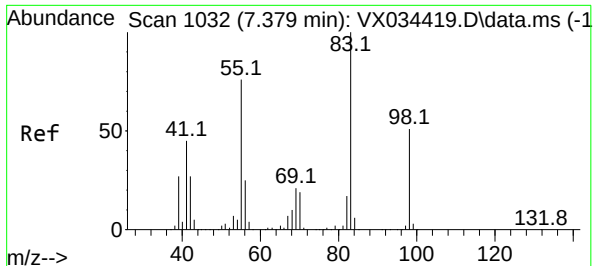
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38
Carbon Tetrachloride
Concen: 48.364 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

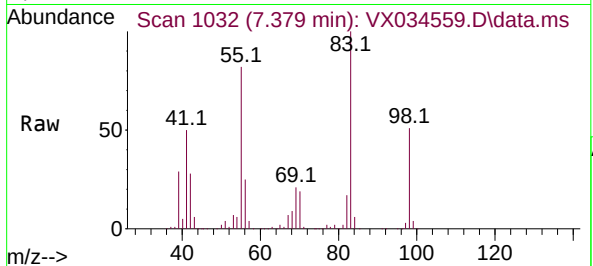
Tgt Ion:117 Resp: 212342
Ion Ratio Lower Upper
117 100
119 94.6 76.6 114.8
121 28.8 23.8 35.6





#39
Methylcyclohexane
Concen: 44.136 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

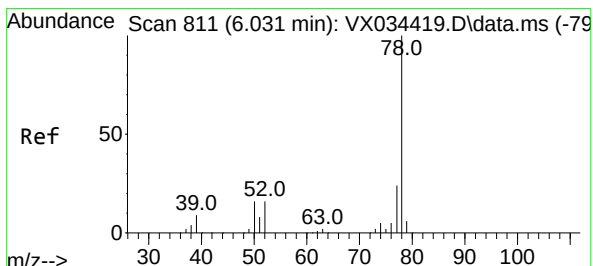
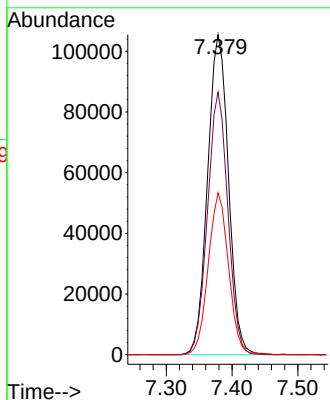
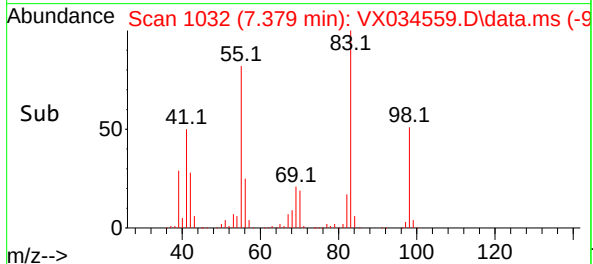
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23310
Ion Ratio Lower Upper
83 100
55 82.0 60.5 90.7
98 50.6 40.4 60.6

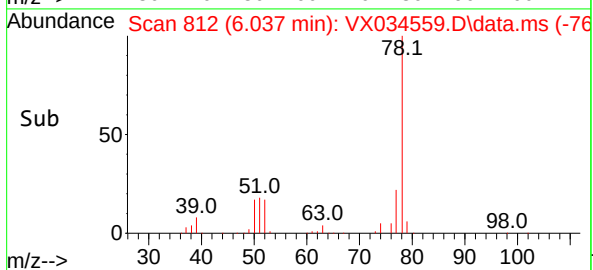
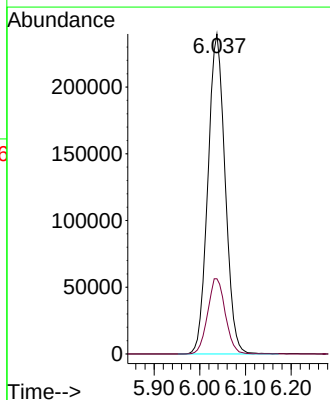
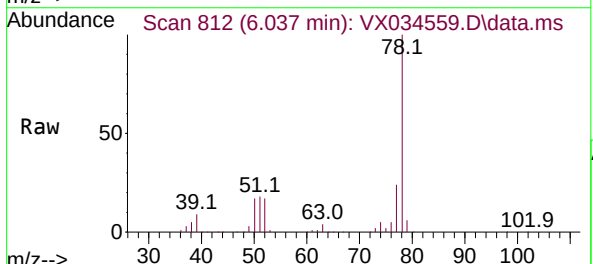
Manual Integrations
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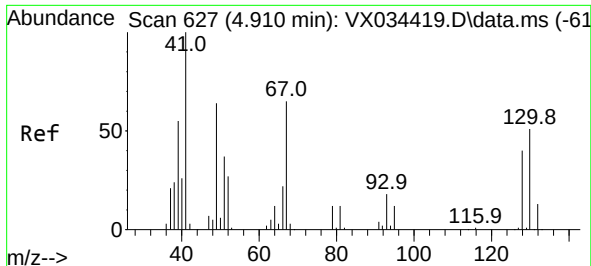
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#40
Benzene
Concen: 48.584 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 78 Resp: 627254
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 54.994 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

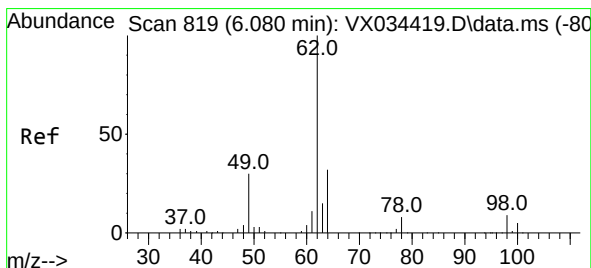
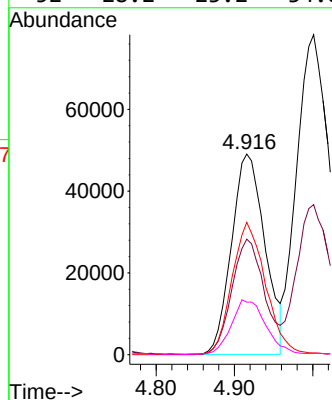
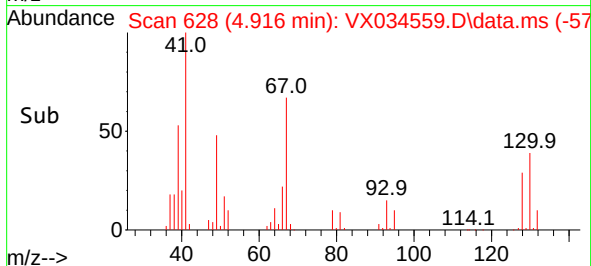
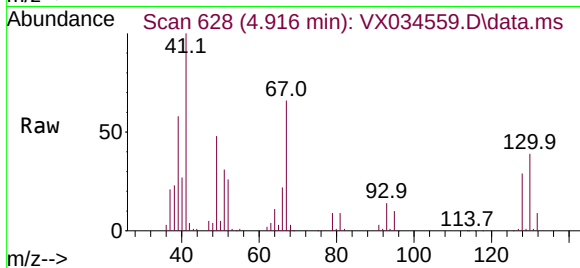
Tgt Ion: 41 Resp: 14531
Ion Ratio Lower Upper
41 100
39 56.2 45.0 67.6
67 66.9 55.6 83.4
52 28.2 23.2 34.8

Manual Integrations

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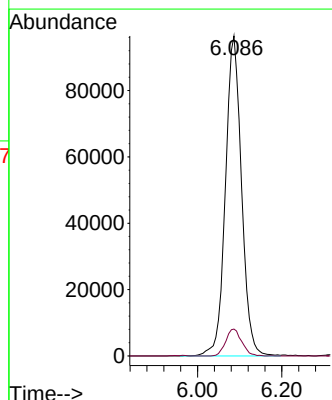
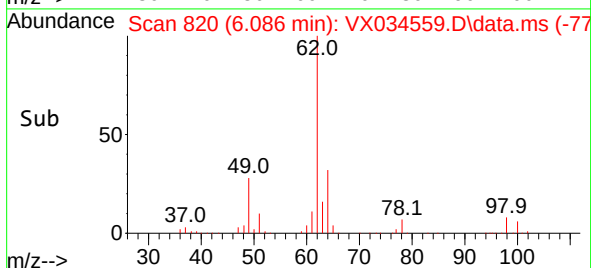
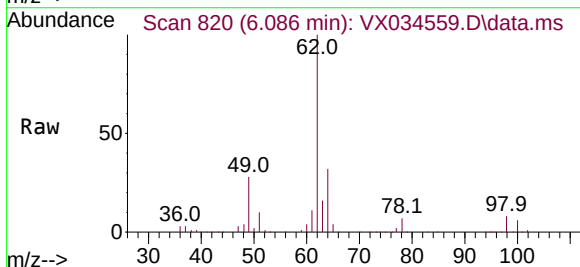
Reviewed By :John Carlone 03/17/2023

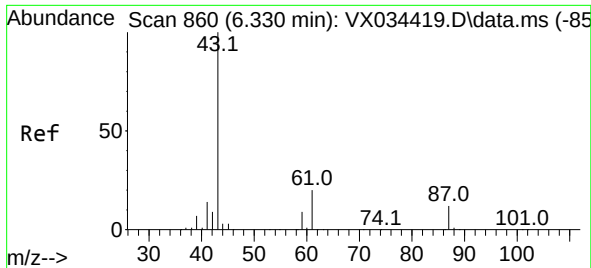
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 53.695 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 62 Resp: 254779
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 52.370 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

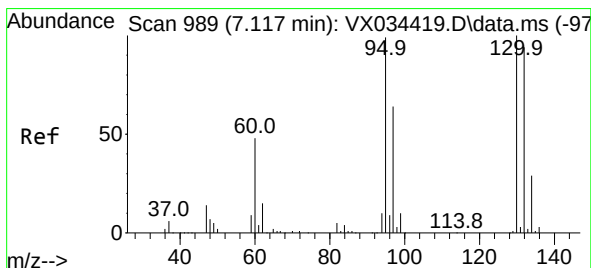
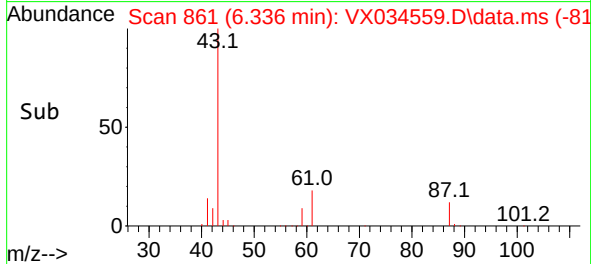
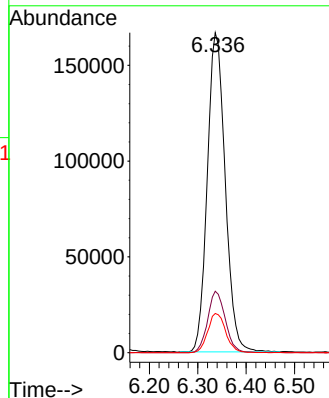
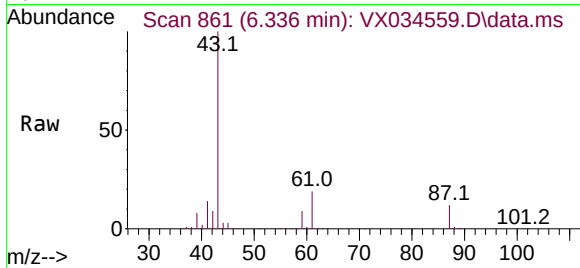
Tgt Ion:	43	Resp:	42775
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#44

Trichloroethene

Concen: 47.045 ug/l

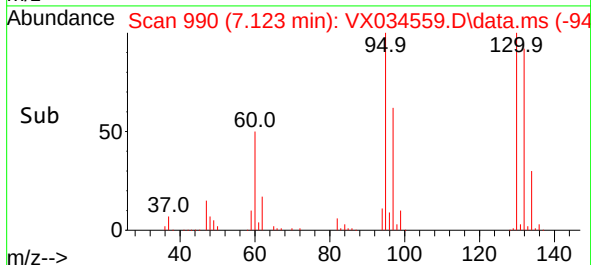
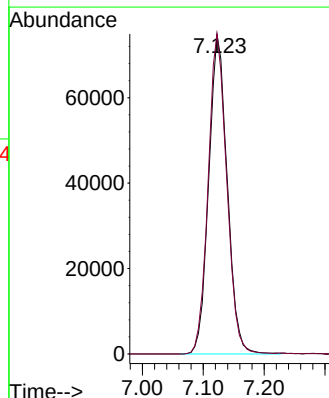
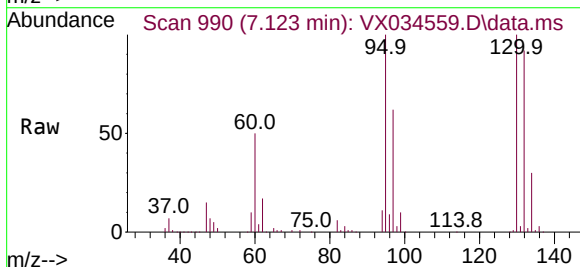
RT: 7.123 min Scan# 990

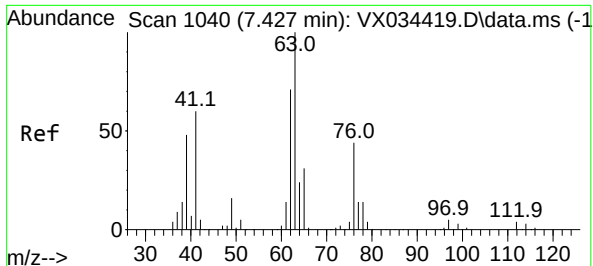
Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Tgt Ion:	130	Resp:	157813
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	198.4





#45

1,2-Dichloropropane

Concen: 50.855 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 171434

Ion Ratio Lower Upper

63 100

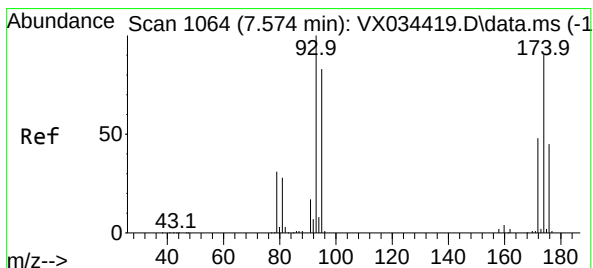
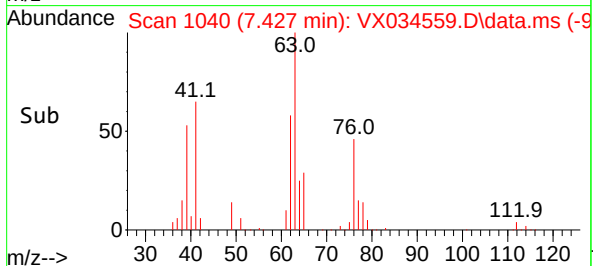
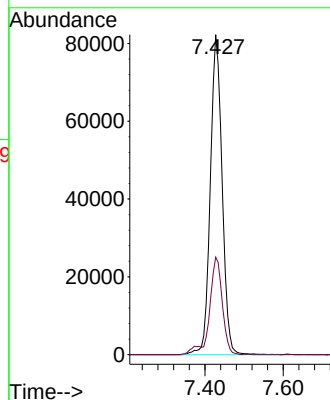
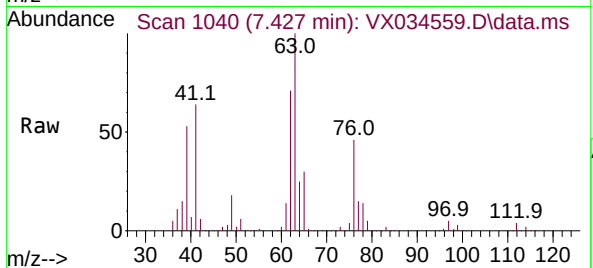
65 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 50.600 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

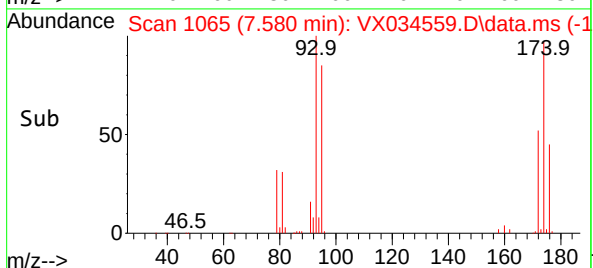
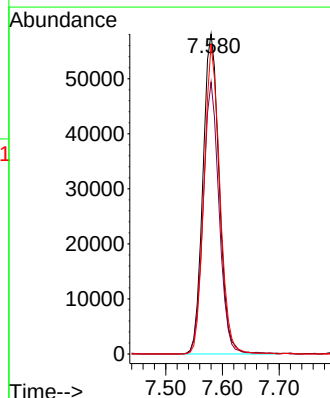
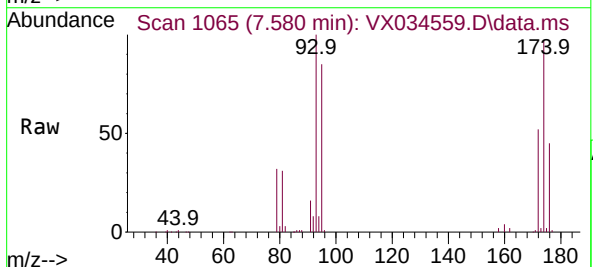
Tgt Ion: 93 Resp: 115966

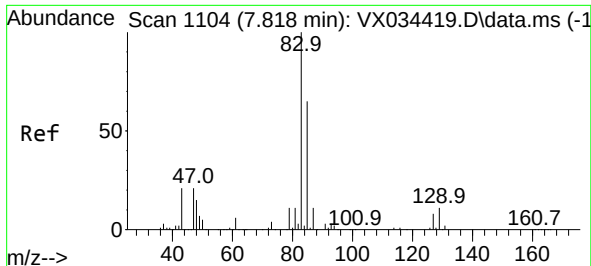
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

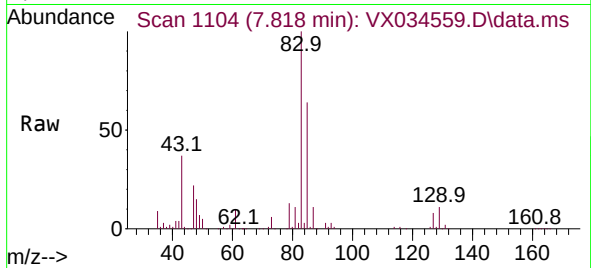
174 93.6 75.4 113.0





#47
Bromodichloromethane
Concen: 51.406 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

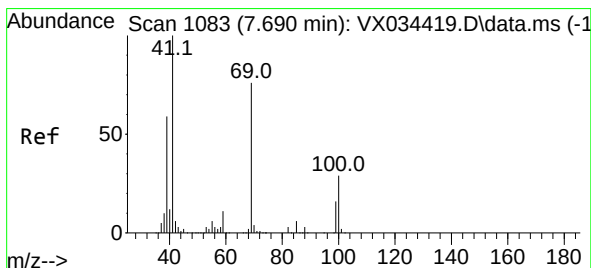
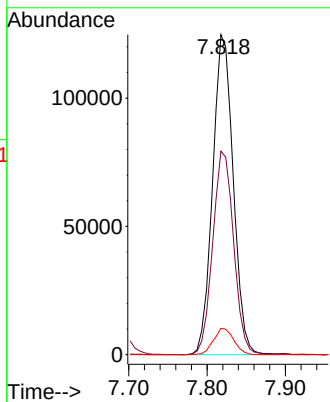
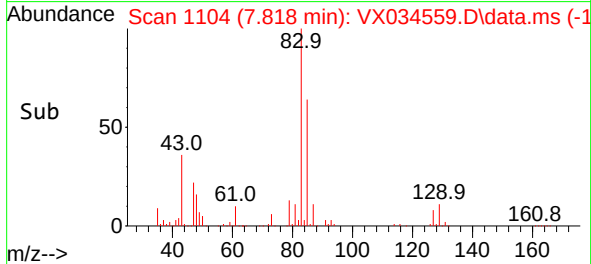
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 22801
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4
127 8.3 6.6 9.8

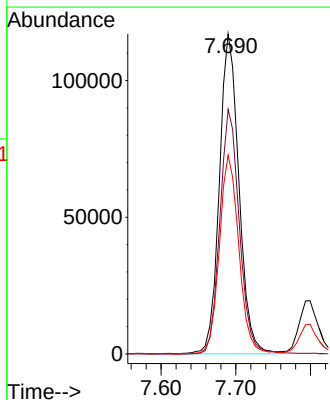
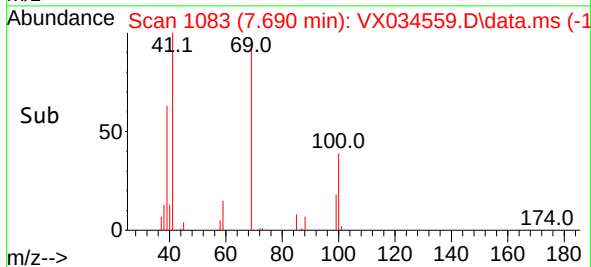
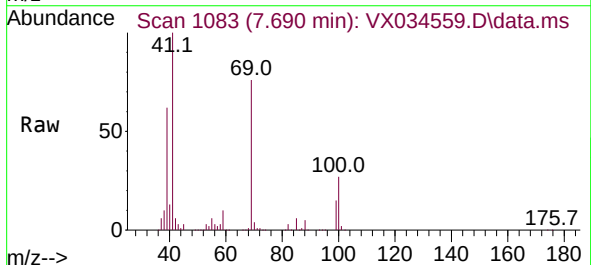
Manual Integrations
APPROVED

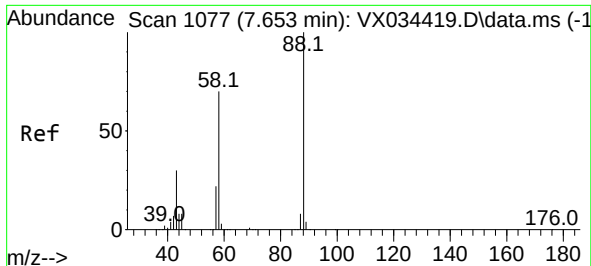
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 54.188 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 41 Resp: 212868
Ion Ratio Lower Upper
41 100
69 76.4 62.2 93.4
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1148.756 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

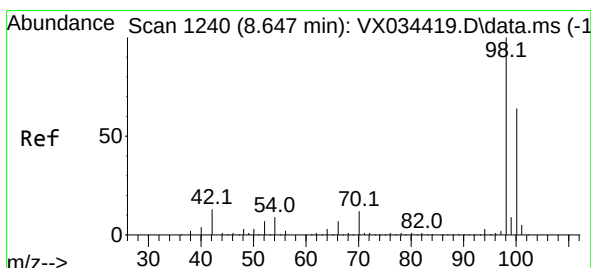
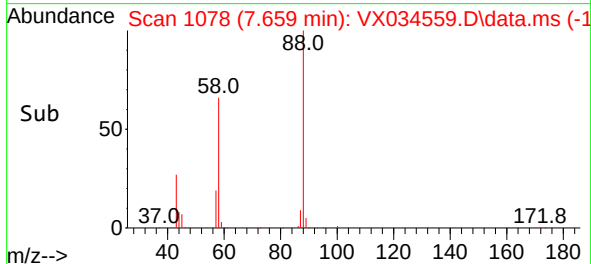
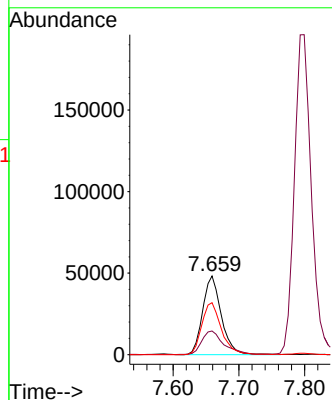
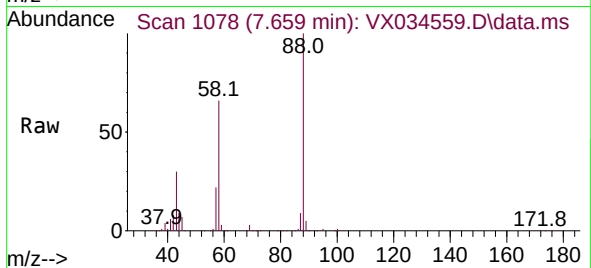
Tgt Ion: 88 Resp: 94783
 Ion Ratio Lower Upper
 88 100
 43 35.6 27.7 41.5
 58 70.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#50

Toluene-d8

Concen: 53.652 ug/l

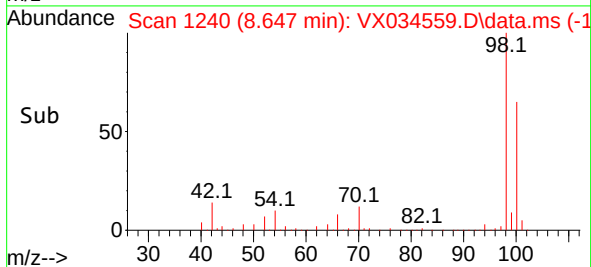
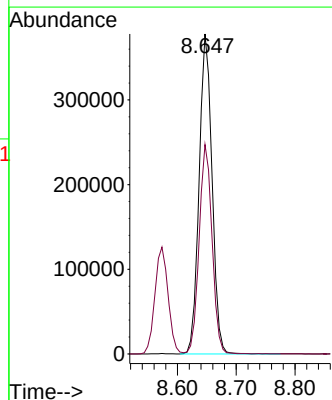
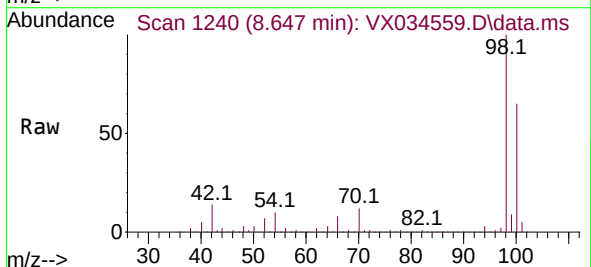
RT: 8.647 min Scan# 1240

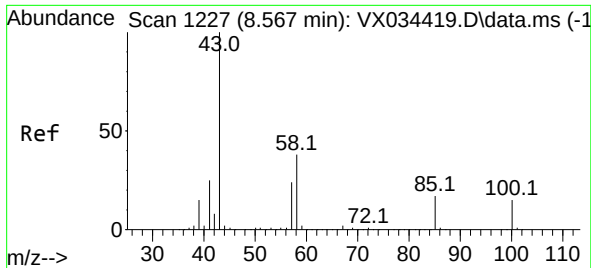
Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Tgt Ion: 98 Resp: 575498
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.5 78.7





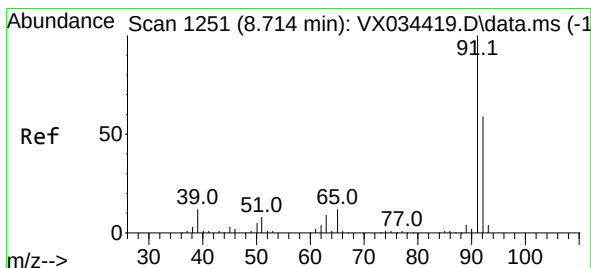
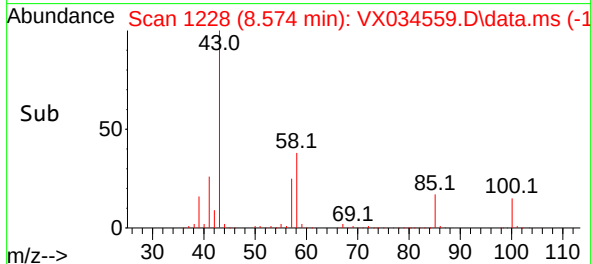
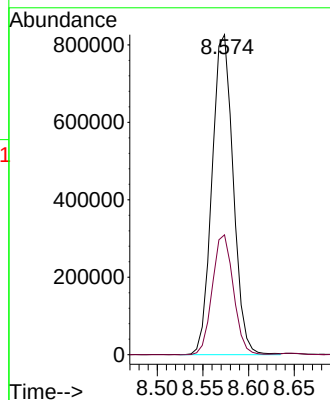
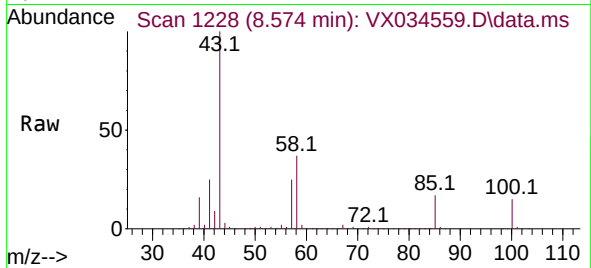
#51
4-Methyl-2-Pentanone
Concen: 281.138 ug/l
RT: 8.574 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1332099
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0

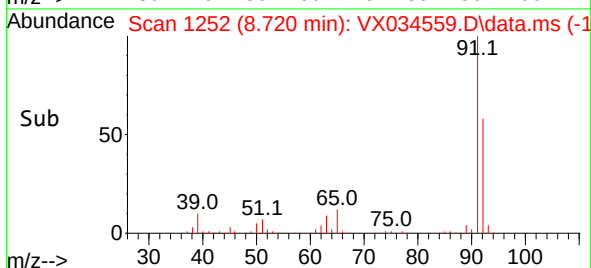
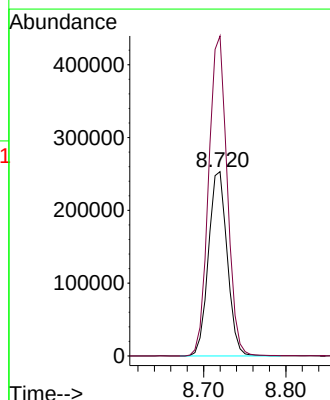
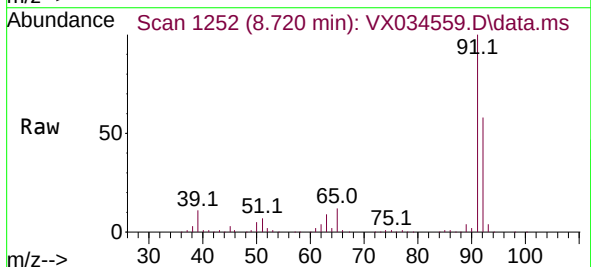
Manual Integrations
APPROVED

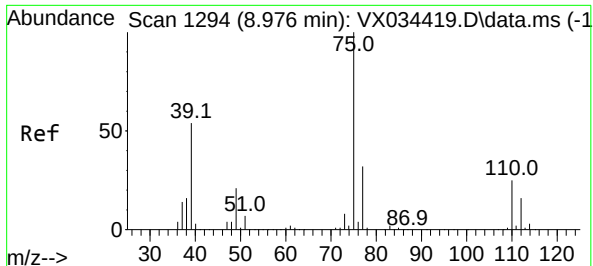
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 50.128 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 92 Resp: 400682
Ion Ratio Lower Upper
92 100
91 172.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 50.535 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 252520

Ion Ratio Lower Upper

75 100

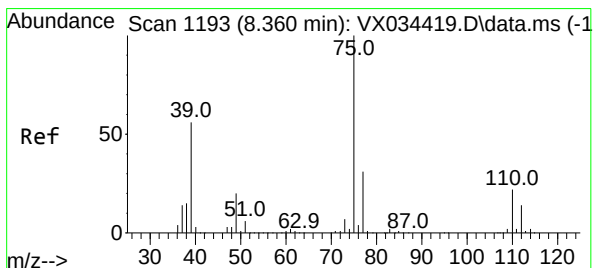
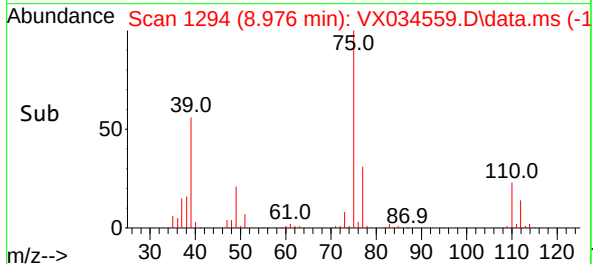
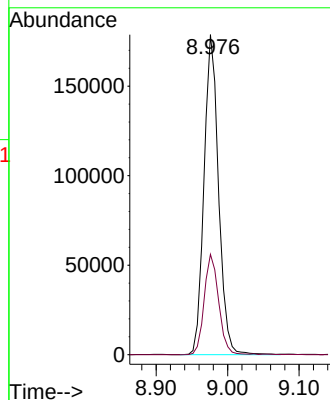
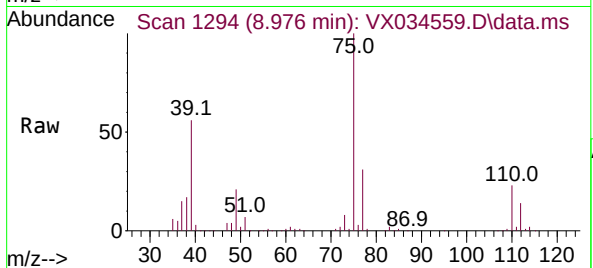
77 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#54

cis-1,3-Dichloropropene

Concen: 49.261 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

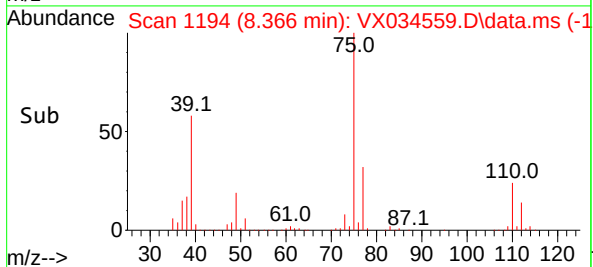
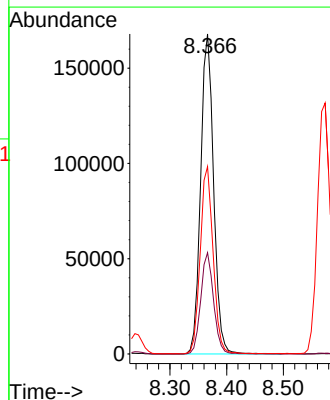
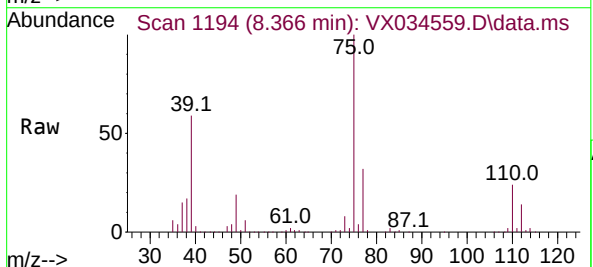
Tgt Ion: 75 Resp: 266317

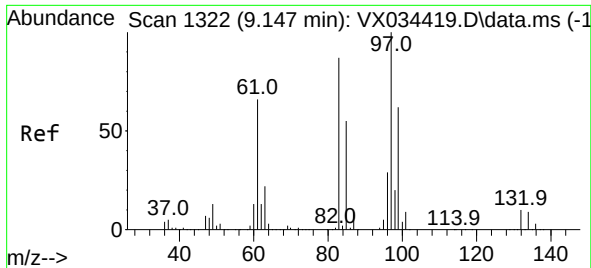
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

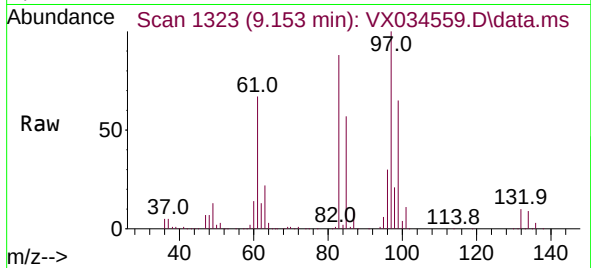
39 58.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.791 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

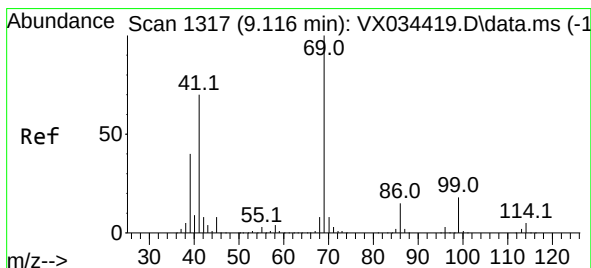
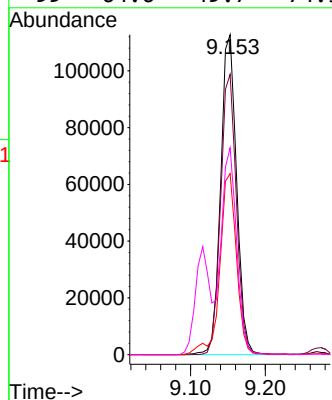
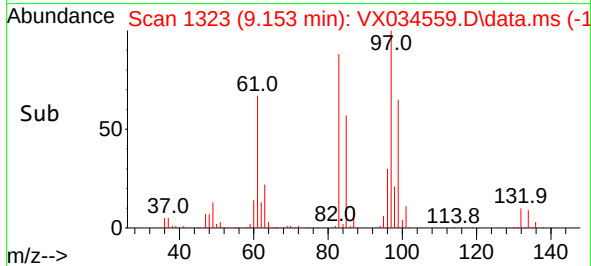
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



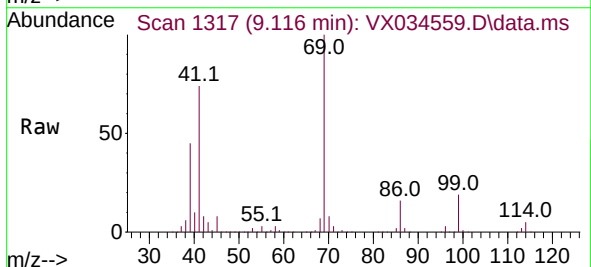
Tgt Ion: 97 Resp: 167462
Ion Ratio Lower Upper
97 100
83 87.6 69.7 104.5
85 56.6 43.7 65.5
99 64.6 49.7 74.5

Manual Integrations
APPROVED

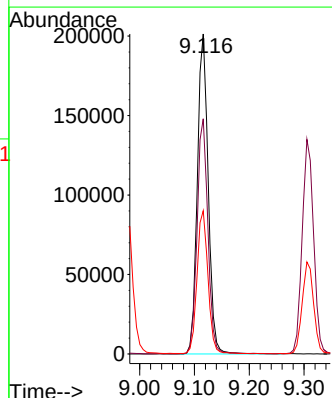
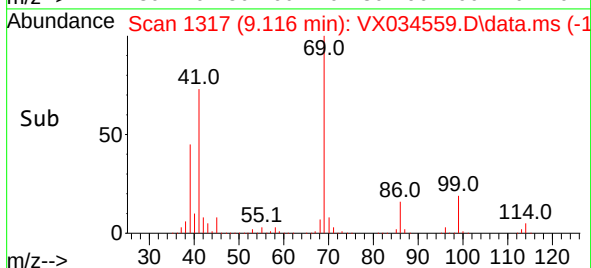
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

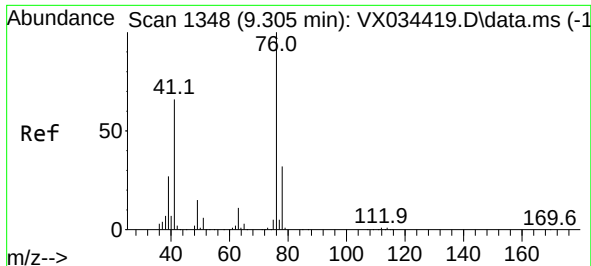


#56
Ethyl methacrylate
Concen: 53.512 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



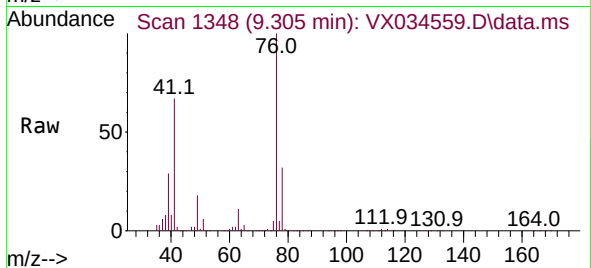
Tgt Ion: 69 Resp: 278712
Ion Ratio Lower Upper
69 100
41 72.9 57.4 86.0
39 45.1 33.7 50.5





#57
1,3-Dichloropropane
Concen: 52.536 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

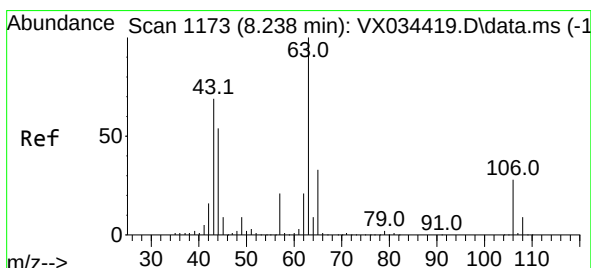
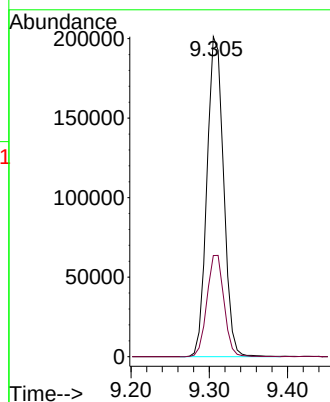
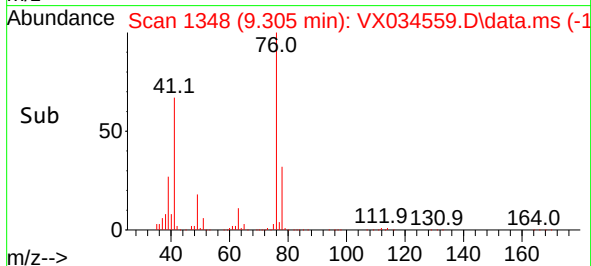
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 296189
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

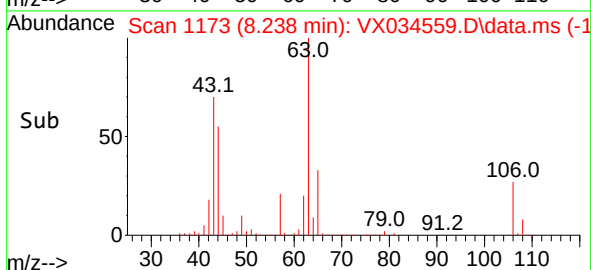
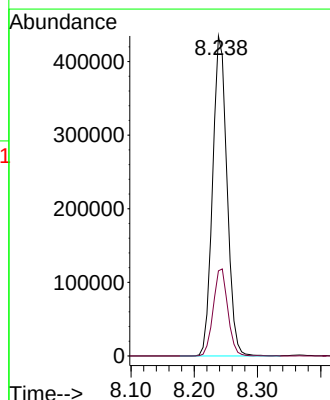
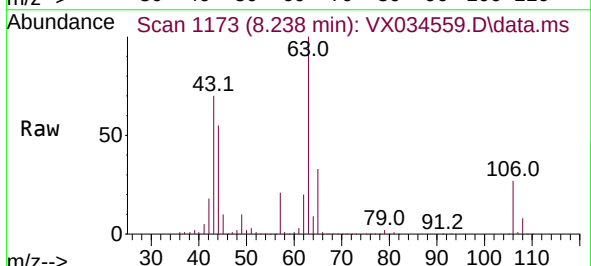
Manual Integrations
APPROVED

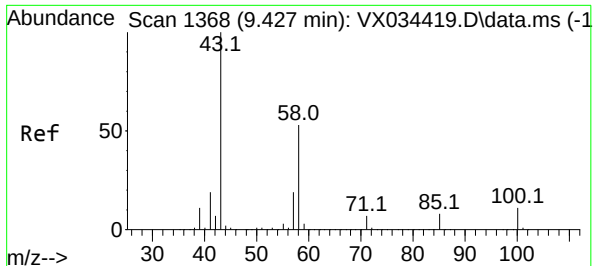
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#58
2-Chloroethyl Vinyl ether
Concen: 255.531 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

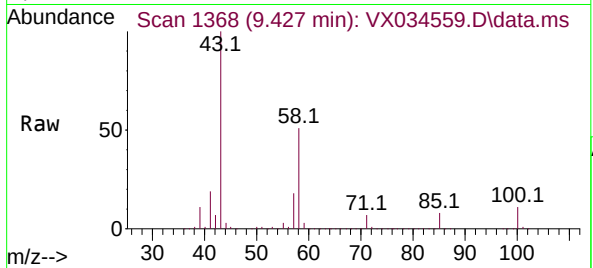
Tgt Ion: 63 Resp: 685888
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2





#59
2-Hexanone
Concen: 277.330 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

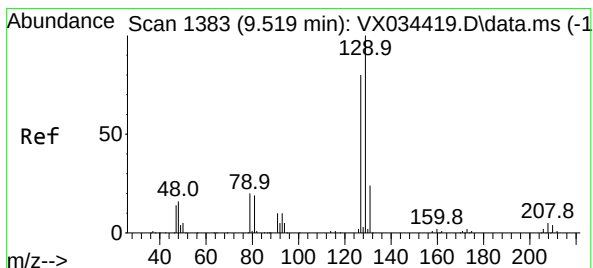
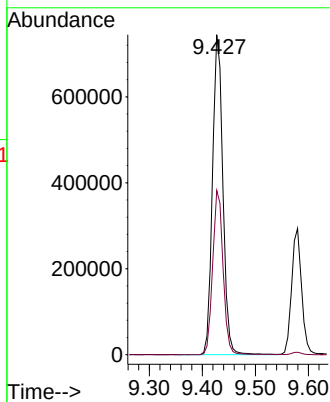
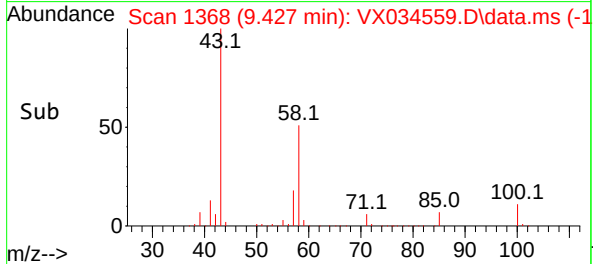
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101578
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9

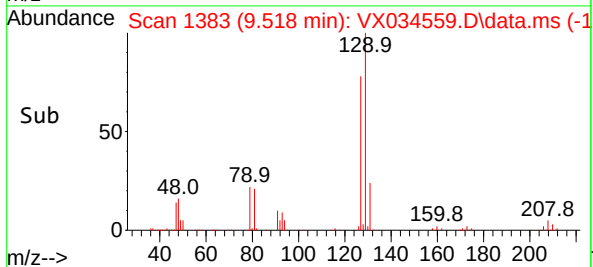
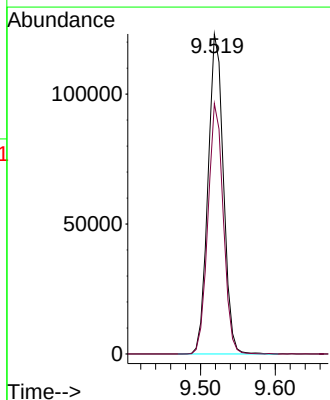
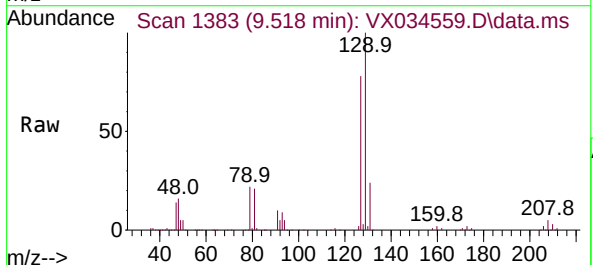
Manual Integrations
APPROVED

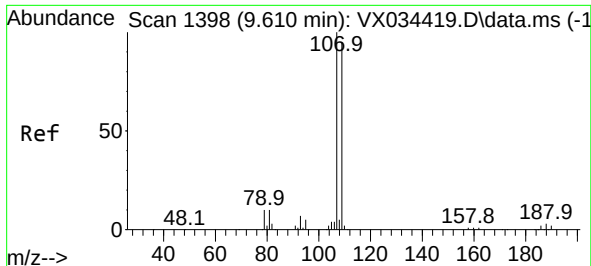
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
Dibromochloromethane
Concen: 52.987 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

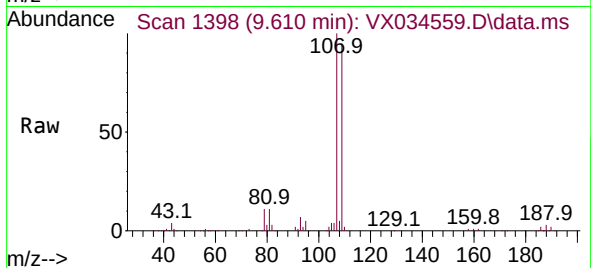
Tgt Ion:129 Resp: 176286
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 52.126 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

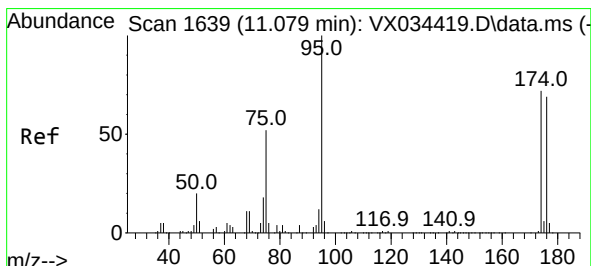
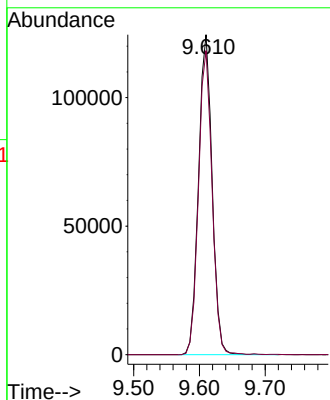
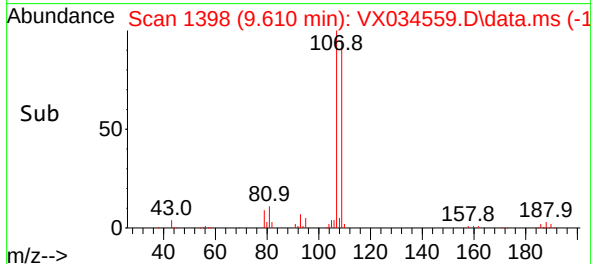
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



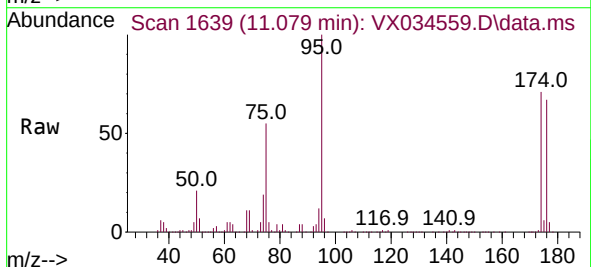
Tgt Ion:107 Resp: 178434
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9

Manual Integrations
APPROVED

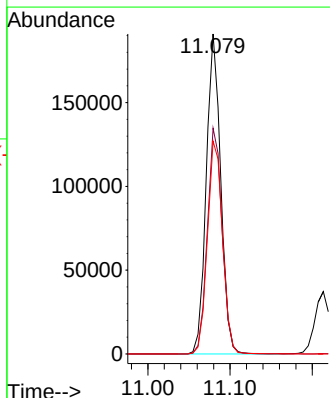
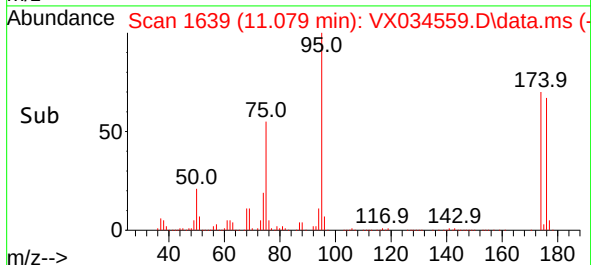
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

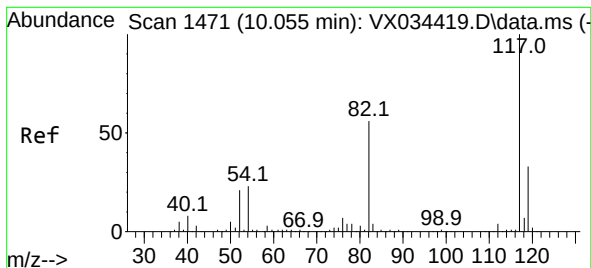


#62
4-Bromofluorobenzene
Concen: 53.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



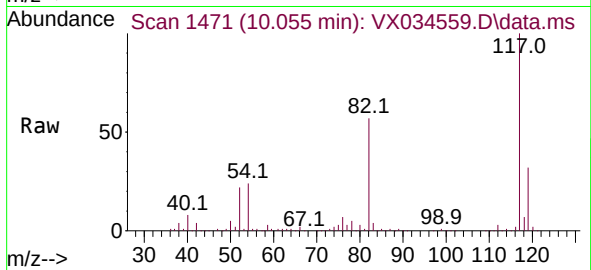
Tgt Ion: 95 Resp: 232830
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

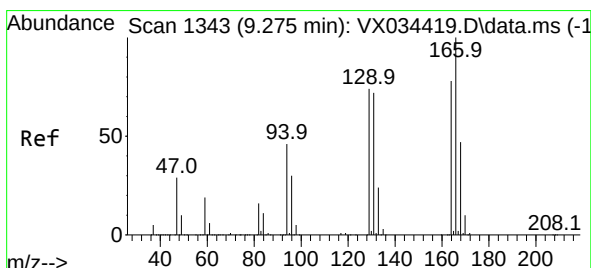
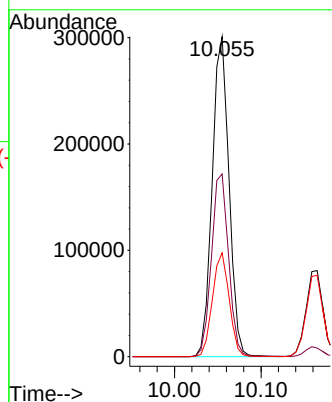
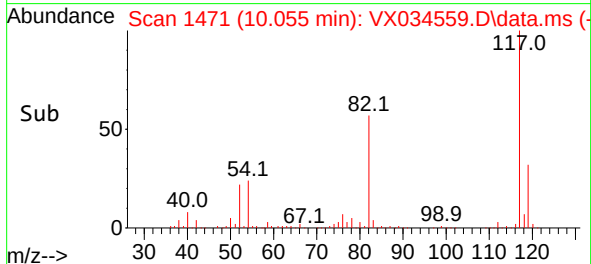
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 40567
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.4 26.0 39.0

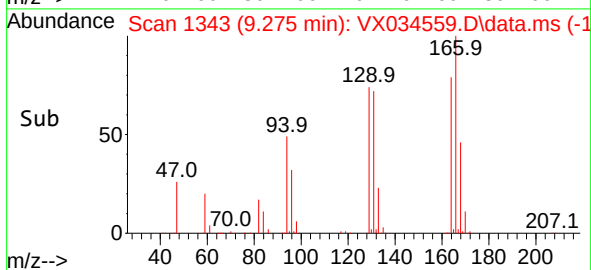
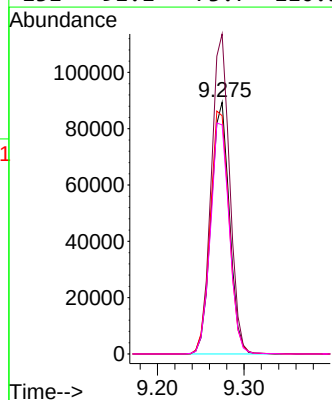
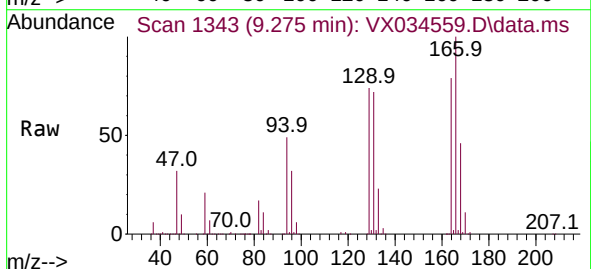
Manual Integrations
APPROVED

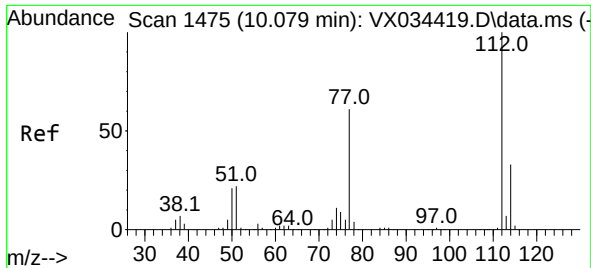
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 48.086 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:164 Resp: 131035
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 94.7 75.6 113.4
131 91.1 73.7 110.5





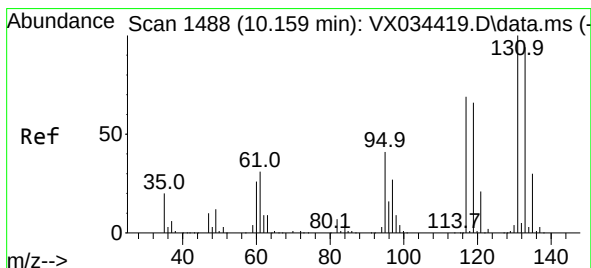
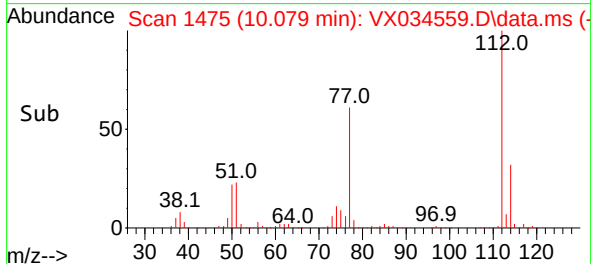
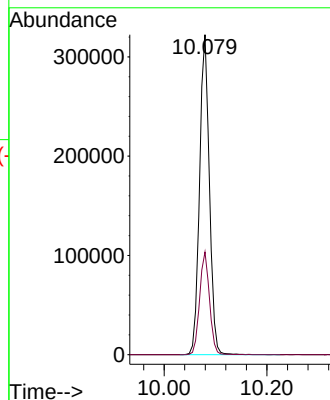
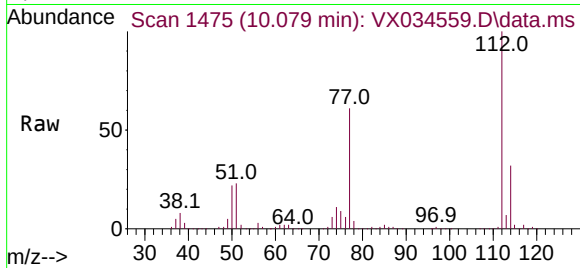
#65
Chlorobenzene
Concen: 47.965 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 42692
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

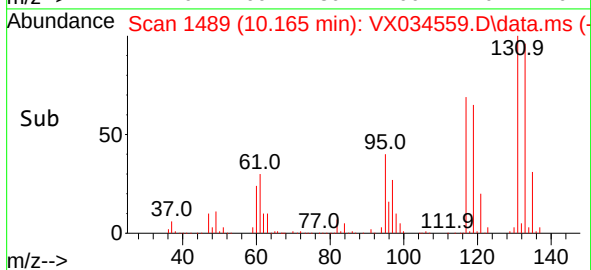
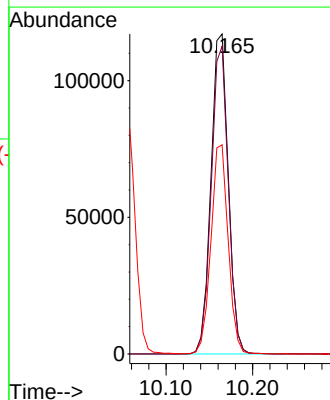
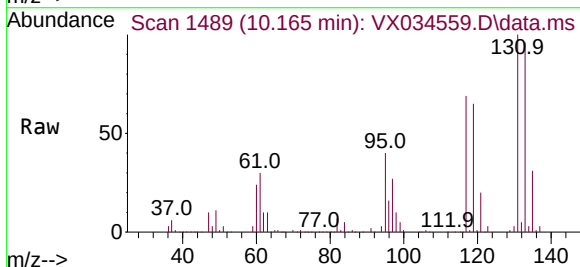
Manual Integrations
APPROVED

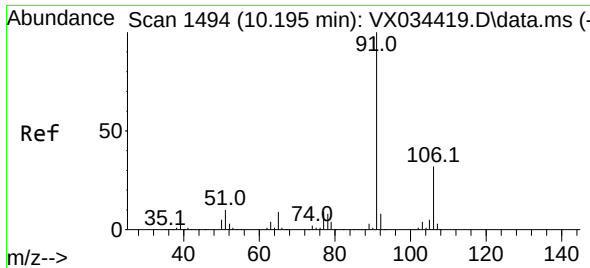
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.262 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

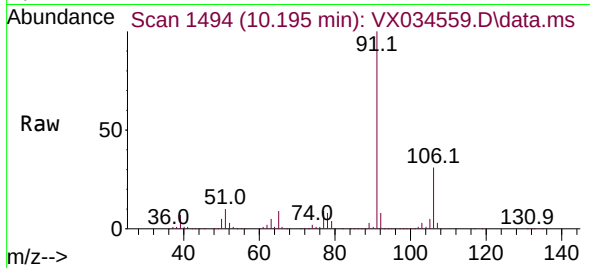
Tgt Ion:131 Resp: 162936
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 64.9 32.6 98.0





#67
Ethyl Benzene
Concen: 49.366 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

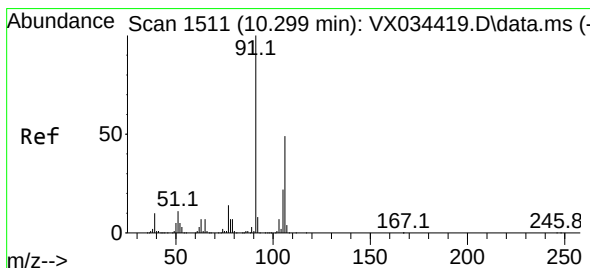
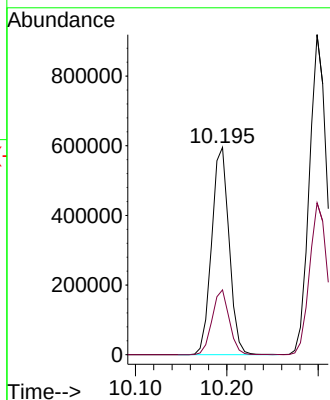
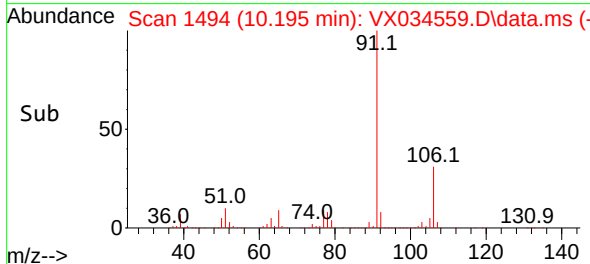
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



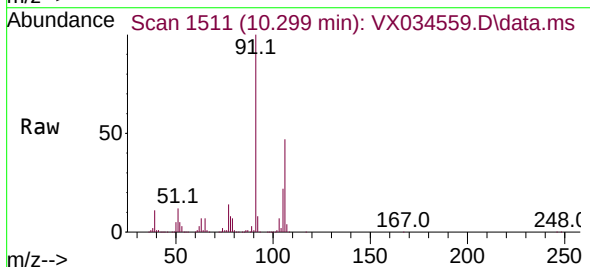
Tgt Ion: 91 Resp: 786609
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

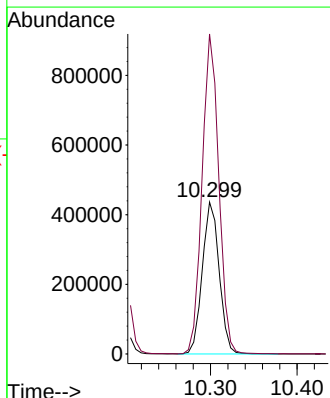
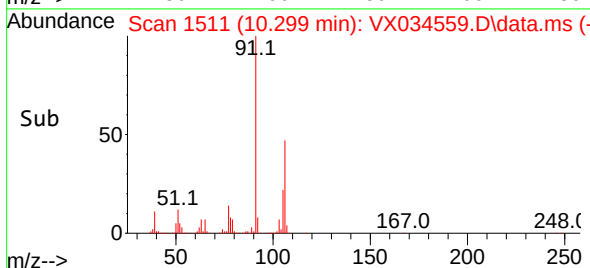
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

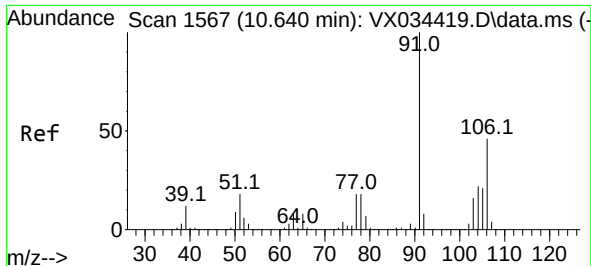


#68
m/p-Xylenes
Concen: 96.412 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion:106 Resp: 590143
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0





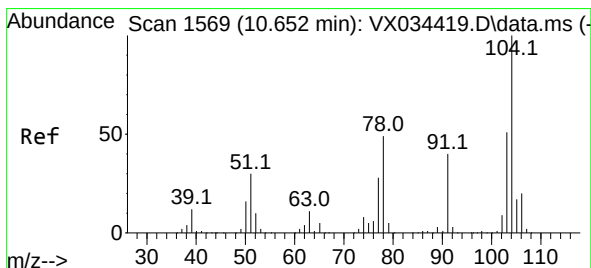
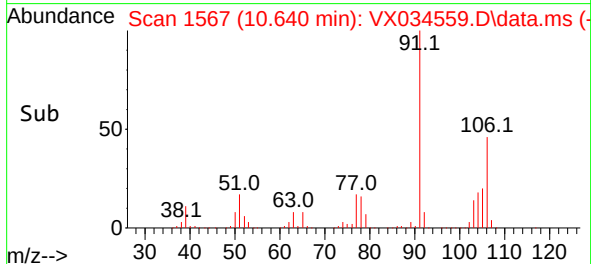
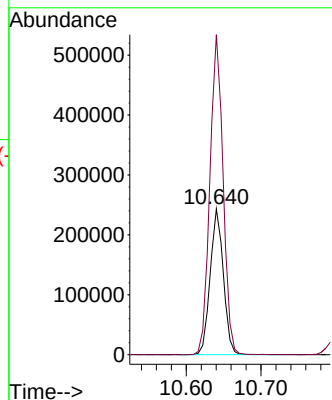
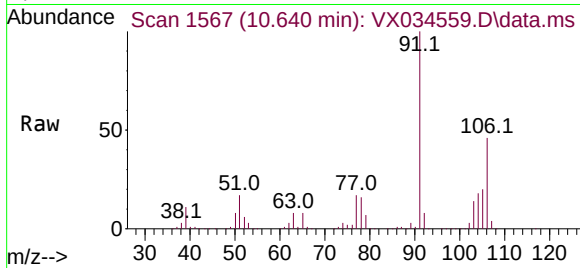
#69
o-Xylene
Concen: 48.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 297610
Ion Ratio Lower Upper
106 100
91 220.4 108.5 325.3

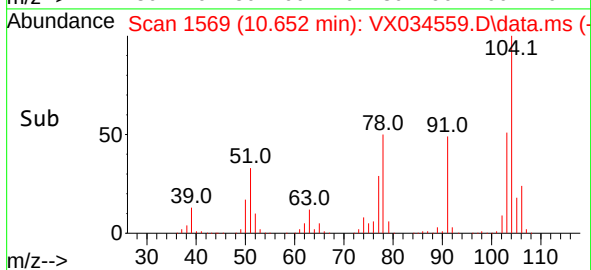
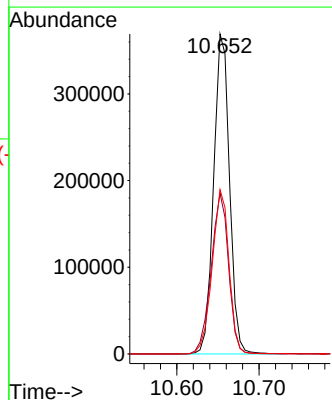
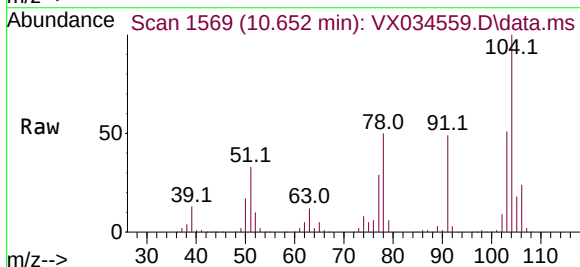
Manual Integrations
APPROVED

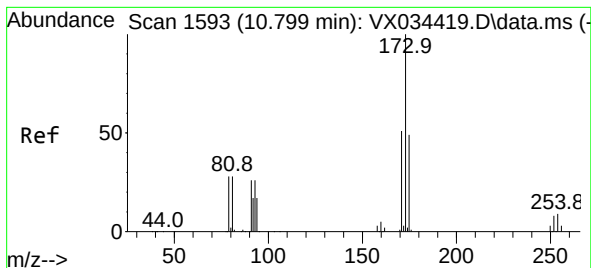
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#70
Styrene
Concen: 49.990 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:104 Resp: 495431
Ion Ratio Lower Upper
104 100
78 55.0 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 49.944 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 124628

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

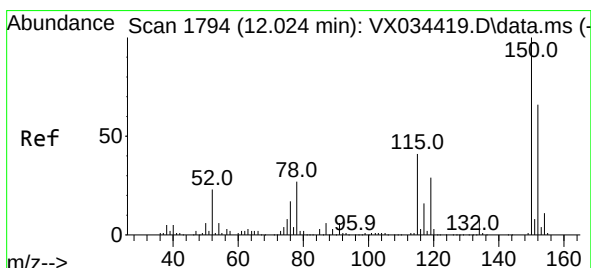
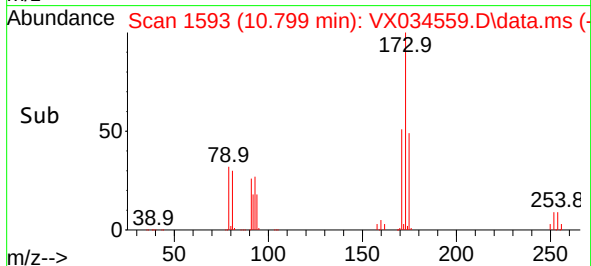
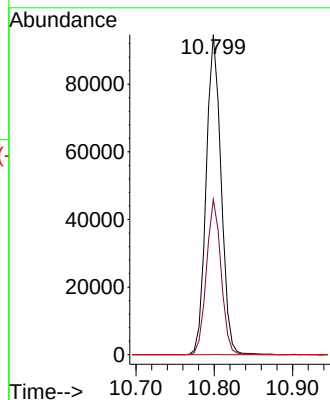
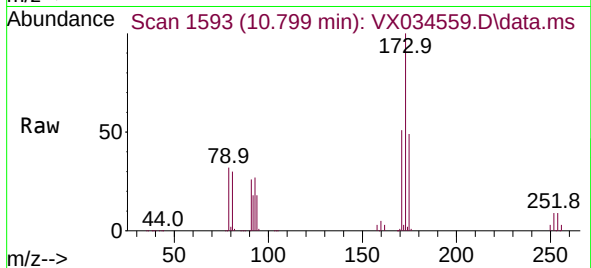
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

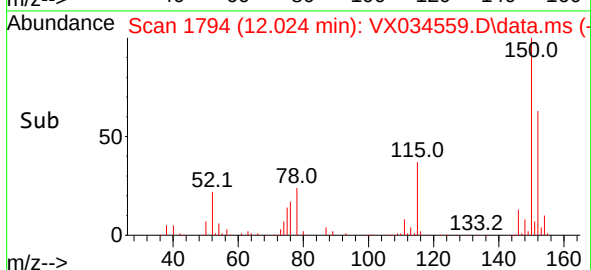
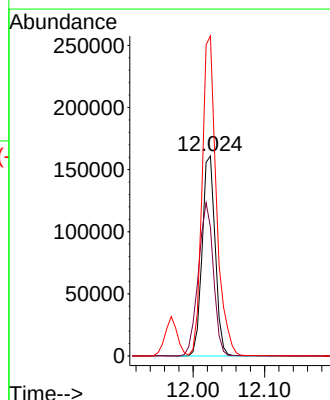
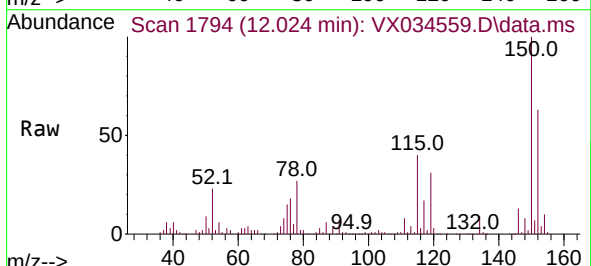
Tgt Ion:152 Resp: 203859

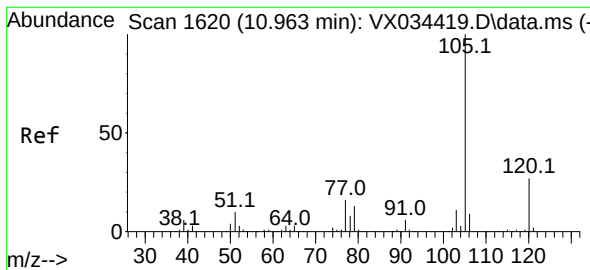
Ion Ratio Lower Upper

152 100

115 88.2 45.0 135.0

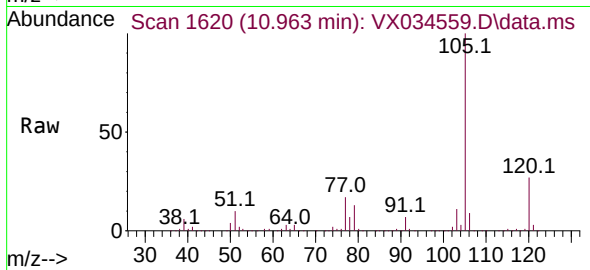
150 175.9 0.0 352.4





#73
Isopropylbenzene
Concen: 49.254 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

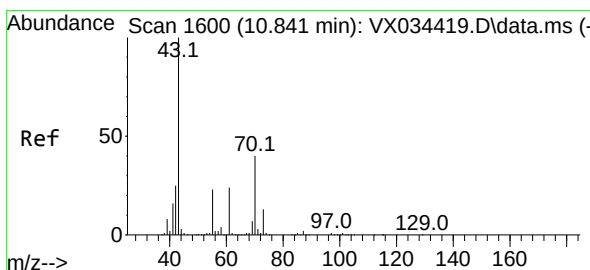
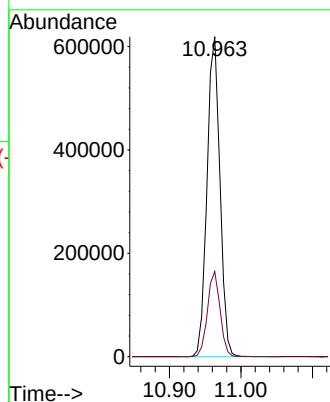
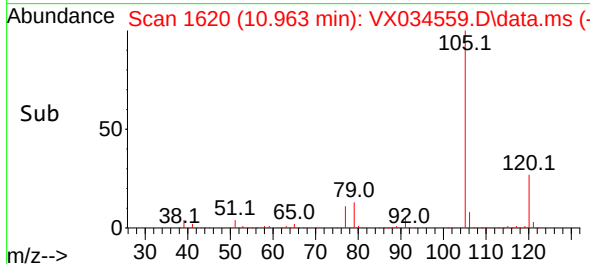
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



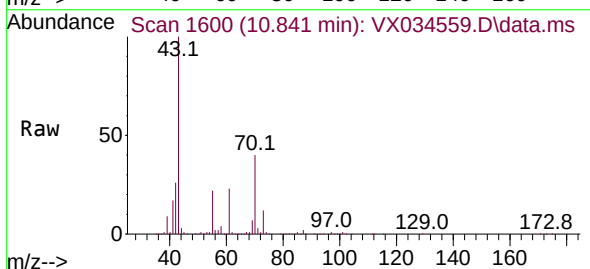
Tgt Ion:105 Resp: 776030
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
APPROVED

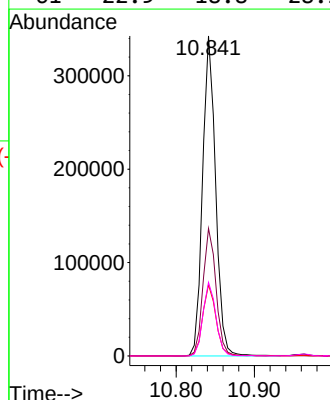
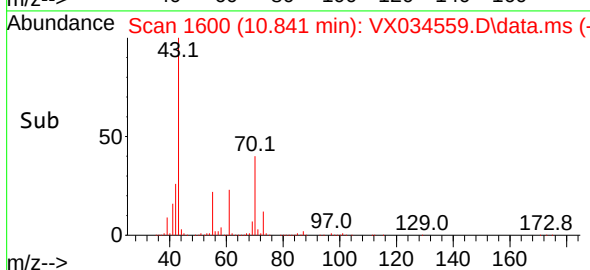
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

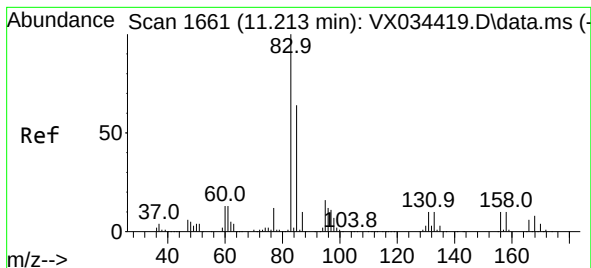


#74
N-ethyl acetate
Concen: 52.440 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion: 43 Resp: 395743
Ion Ratio Lower Upper
43 100
70 40.2 32.1 48.1
55 22.7 18.3 27.5
61 22.9 18.8 28.2





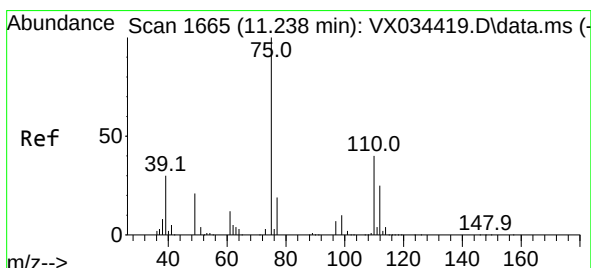
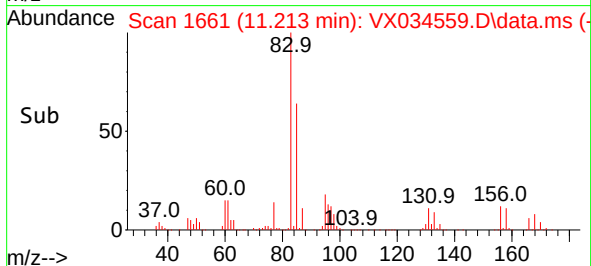
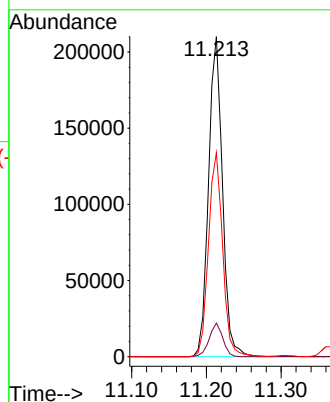
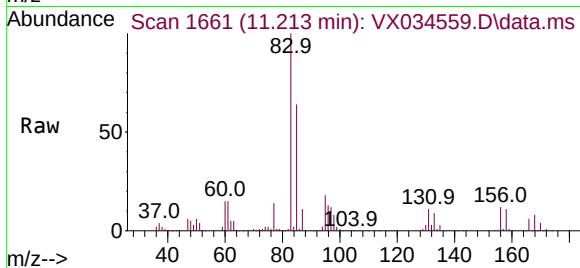
#75
1,1,2,2-Tetrachloroethane
Concen: 51.722 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 271930
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.9 32.0 96.0

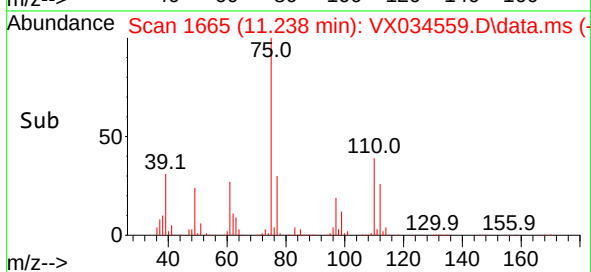
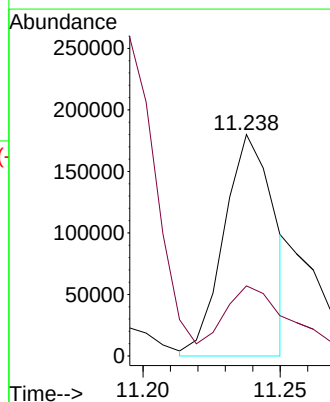
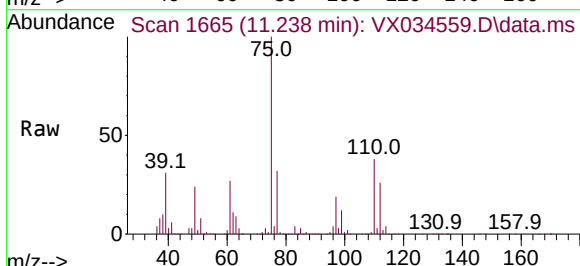
Manual Integrations
APPROVED

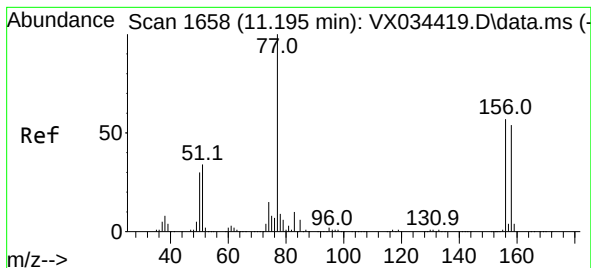
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#76
1,2,3-Trichloropropane
Concen: 48.841 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 75 Resp: 228615
Ion Ratio Lower Upper
75 100
77 42.8 21.6 64.8





#77

Bromobenzene

Concen: 49.272 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 186258

Ion Ratio Lower Upper

156 100

77 175.4 86.7 259.9

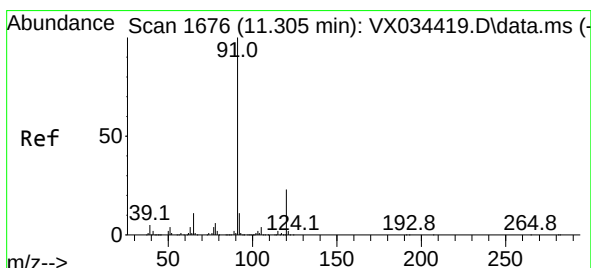
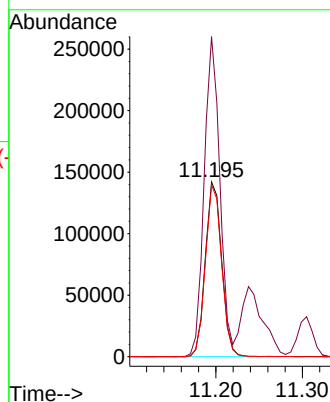
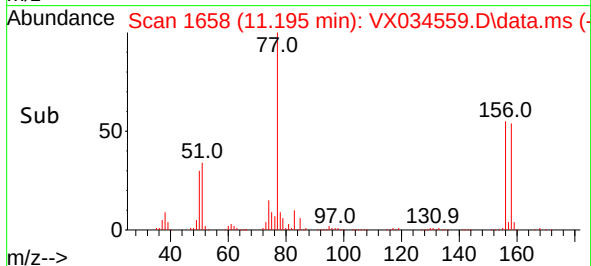
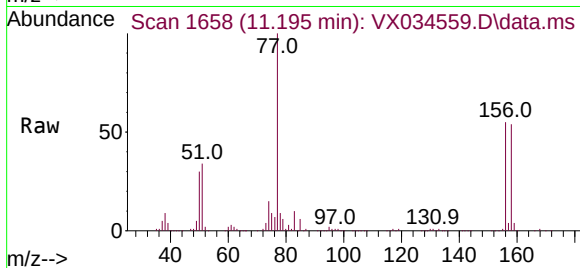
158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#78

n-propylbenzene

Concen: 49.840 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034559.D

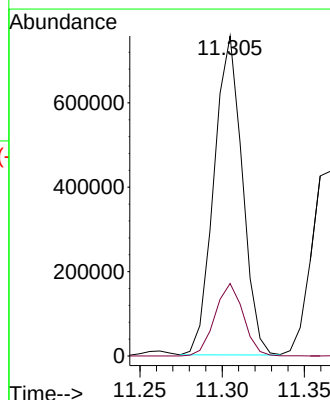
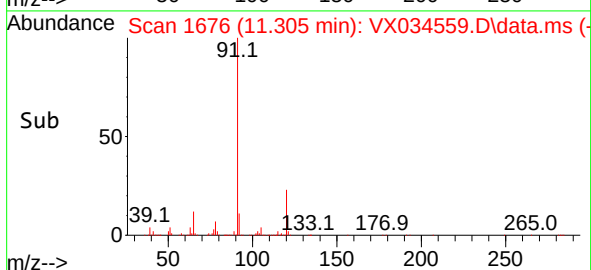
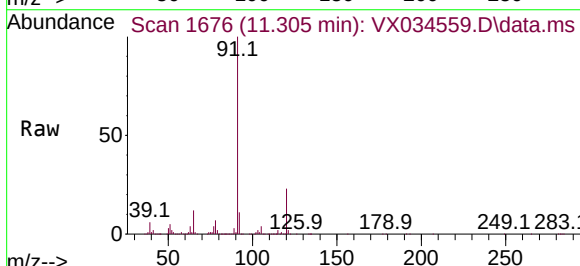
Acq: 17 Mar 2023 02:30

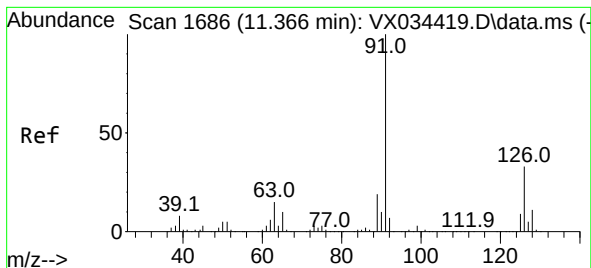
Tgt Ion: 91 Resp: 906894

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





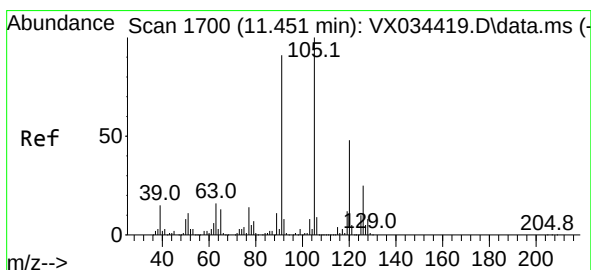
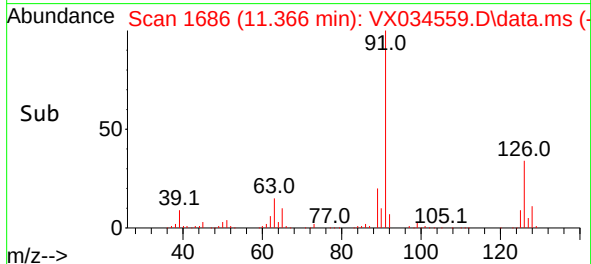
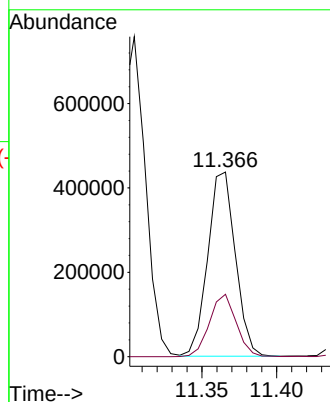
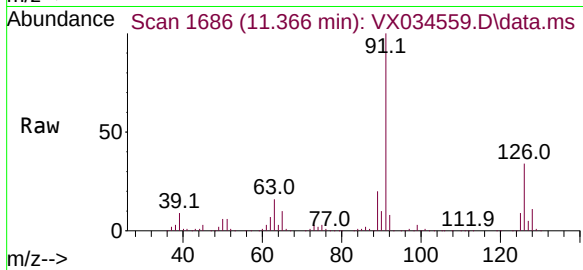
#79
2-Chlorotoluene
Concen: 49.835 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 56004
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

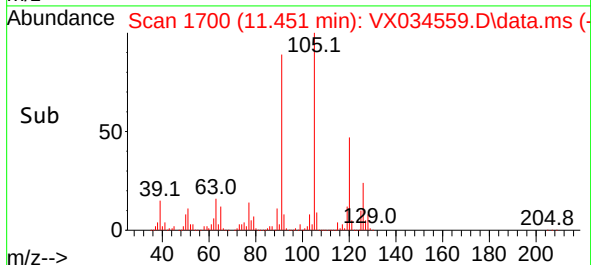
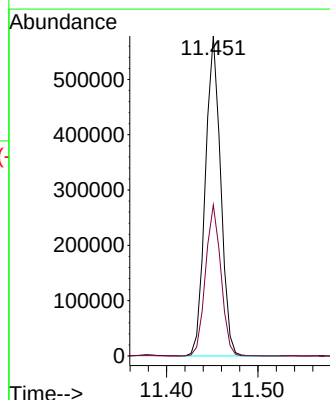
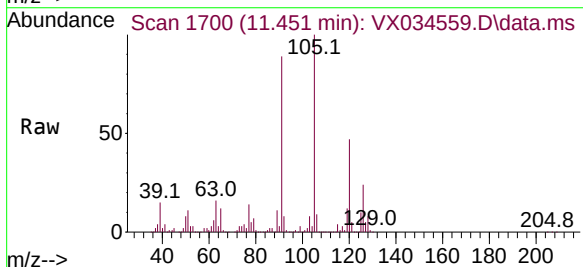
Manual Integrations
APPROVED

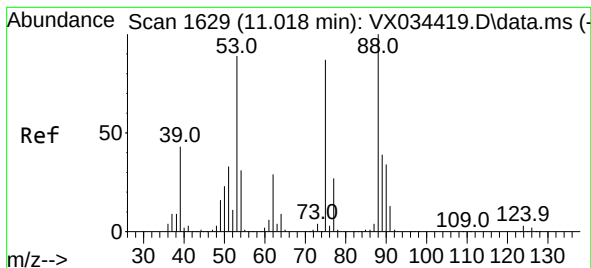
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:105 Resp: 670275
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





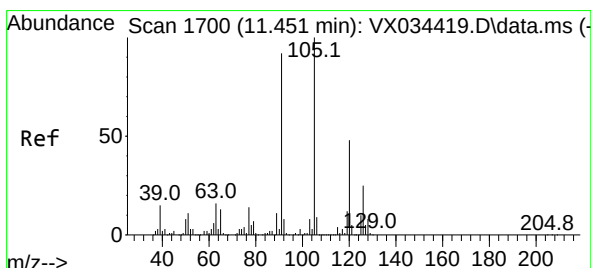
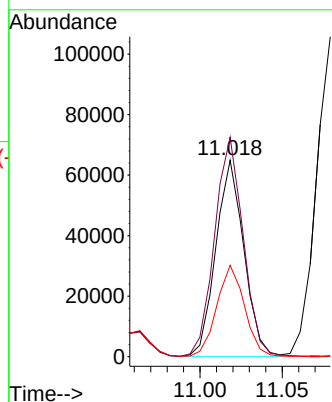
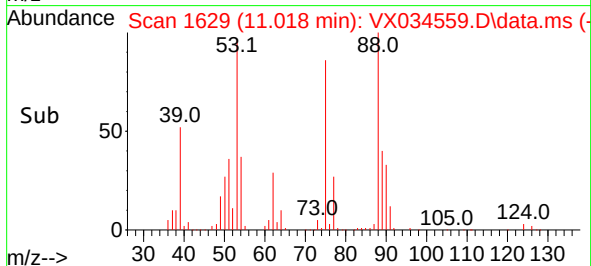
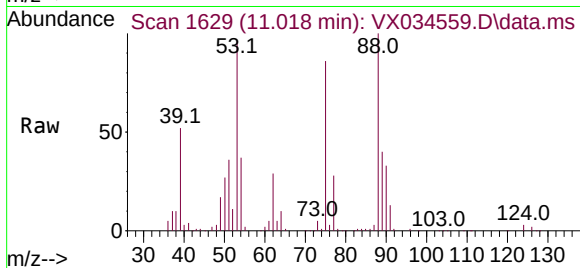
#81
trans-1,4-Dichloro-2-butene
Concen: 44.321 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 76680
Ion Ratio Lower Upper
75 100
53 114.0 82.6 124.0
89 46.3 36.9 55.3

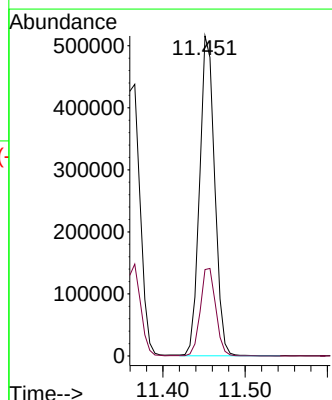
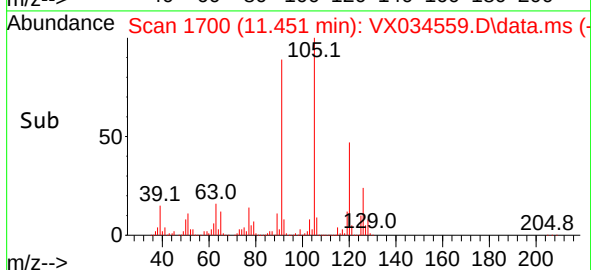
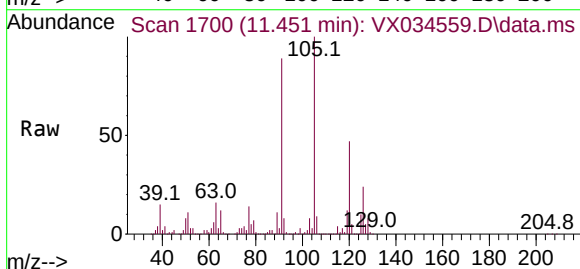
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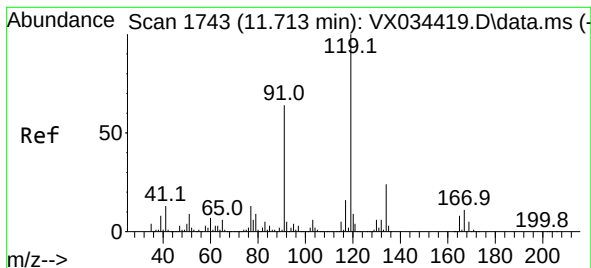
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 50.682 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion: 91 Resp: 656046
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.892 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 66478

Ion Ratio Lower Upper

119 100

91 62.1 30.6 92.0

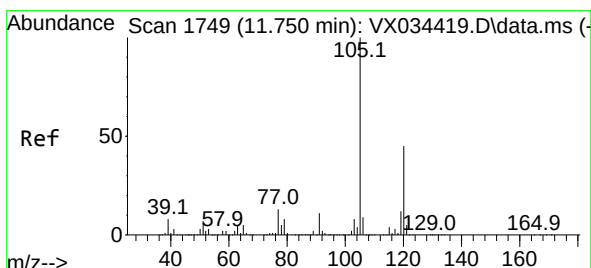
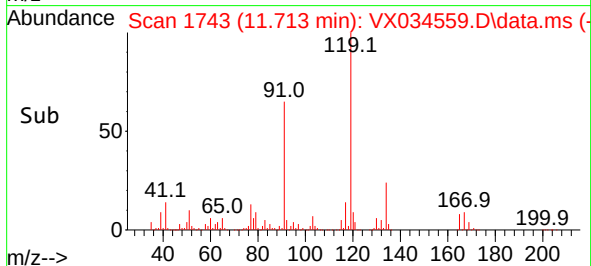
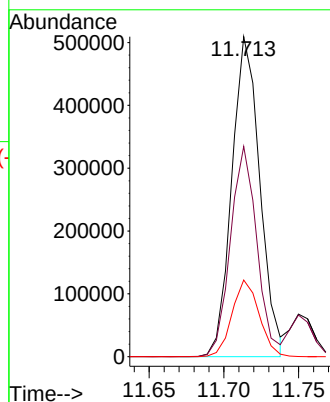
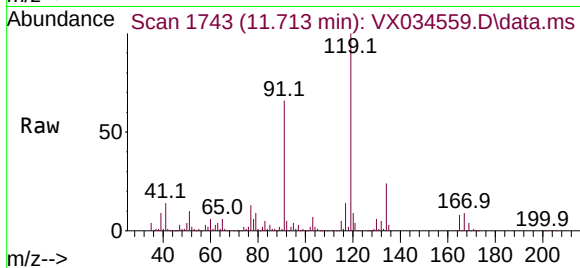
134 23.1 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.966 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034559.D

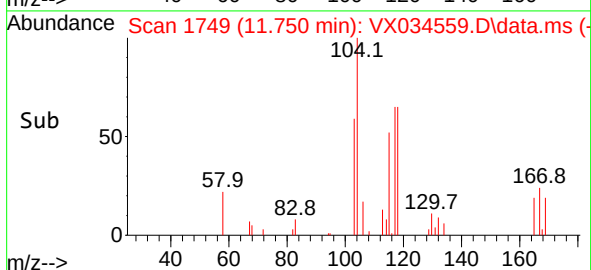
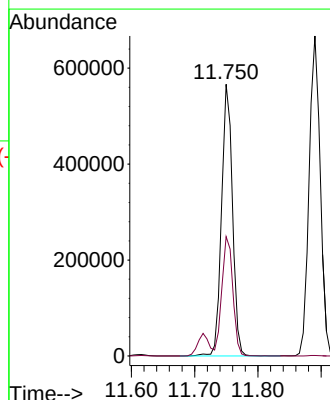
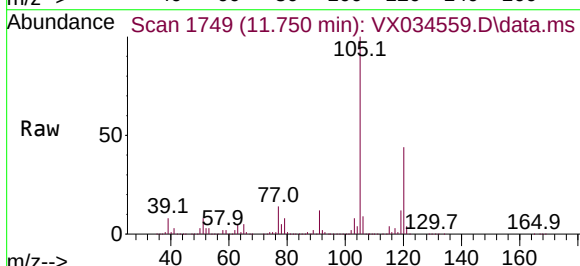
Acq: 17 Mar 2023 02:30

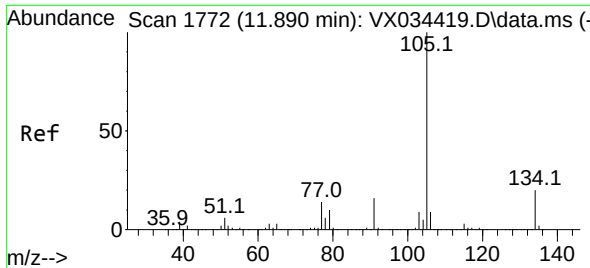
Tgt Ion:105 Resp: 674844

Ion Ratio Lower Upper

105 100

120 44.0 22.4 67.0





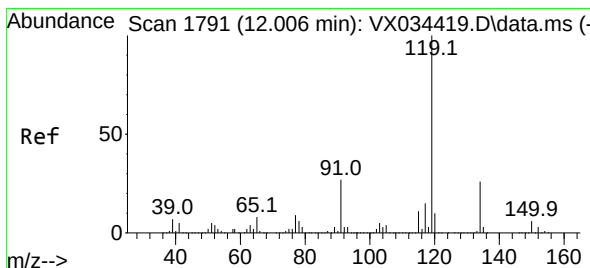
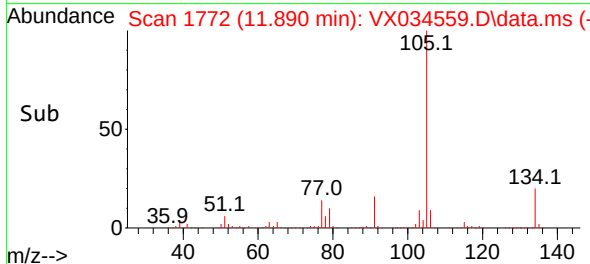
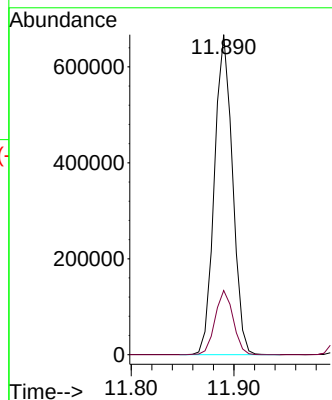
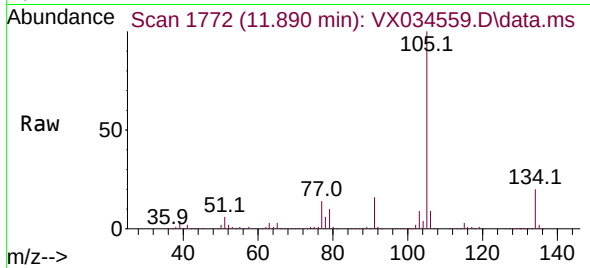
#85
 sec-Butylbenzene
 Concen: 50.113 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034559.D
 Acq: 17 Mar 2023 02:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 816324
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

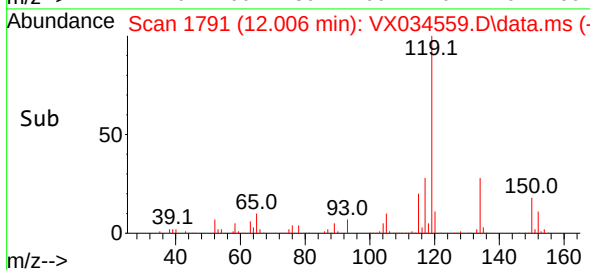
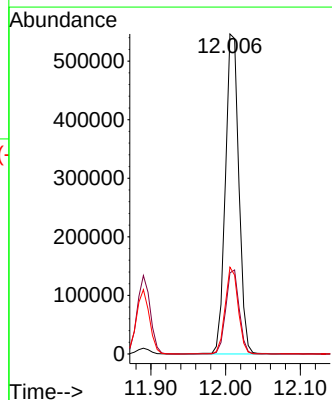
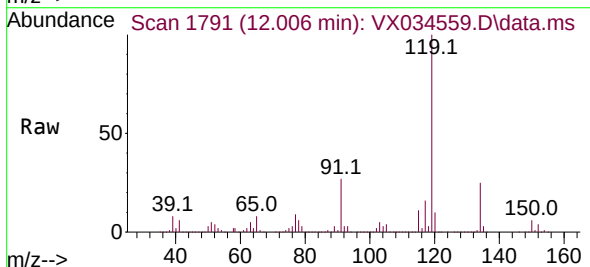
Manual Integrations
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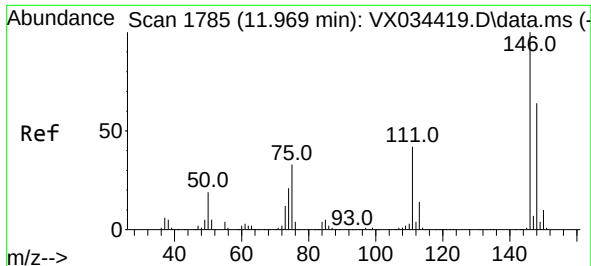
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#86
 p-Isopropyltoluene
 Concen: 50.011 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034559.D
 Acq: 17 Mar 2023 02:30

Tgt Ion:119 Resp: 684680
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.425 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 35867

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

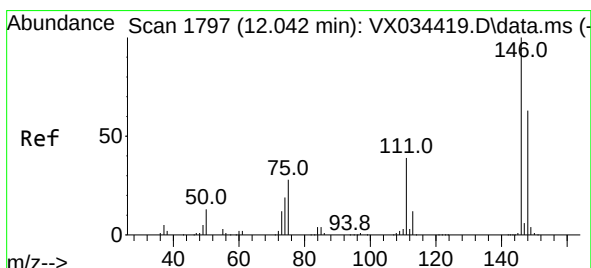
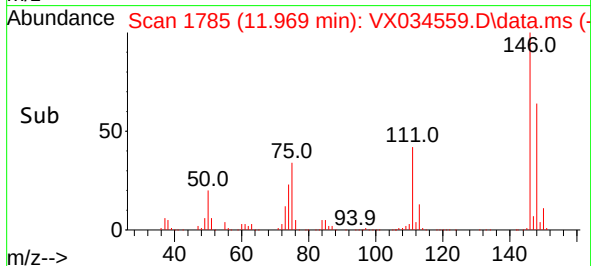
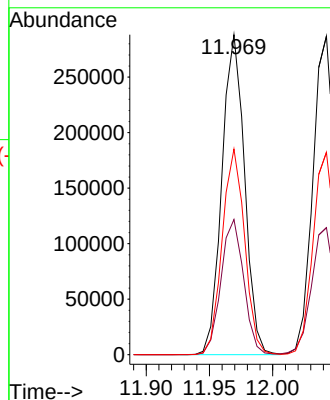
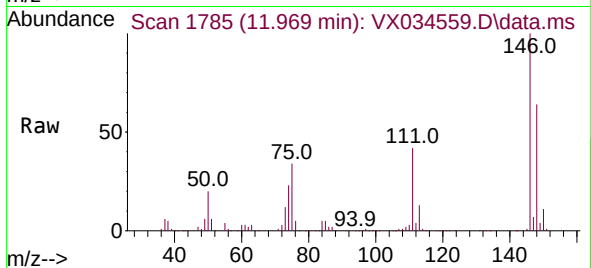
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#88

1,4-Dichlorobenzene

Concen: 48.440 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

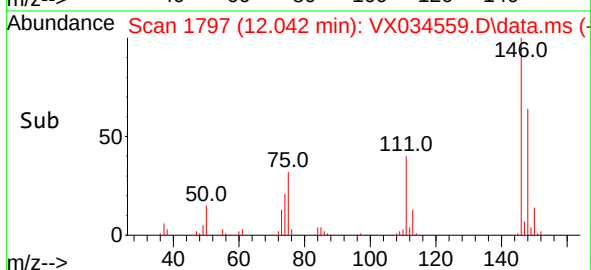
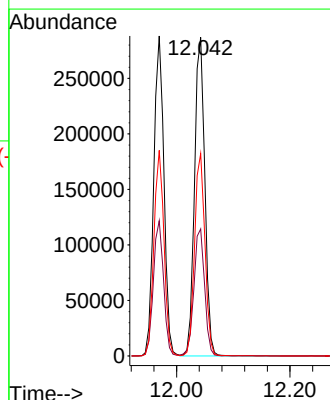
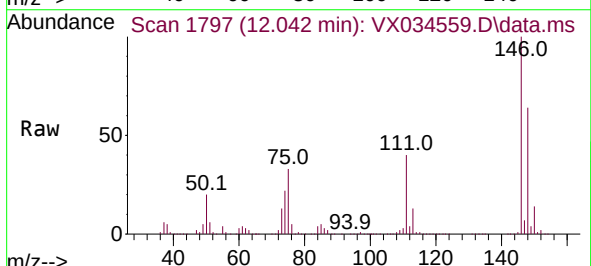
Tgt Ion:146 Resp: 362777

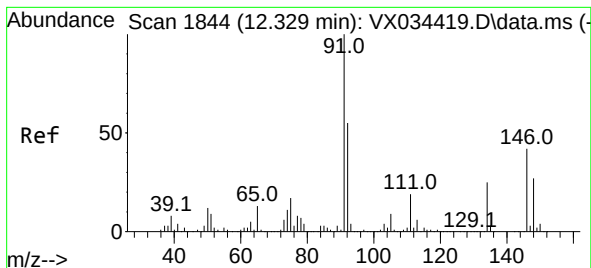
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

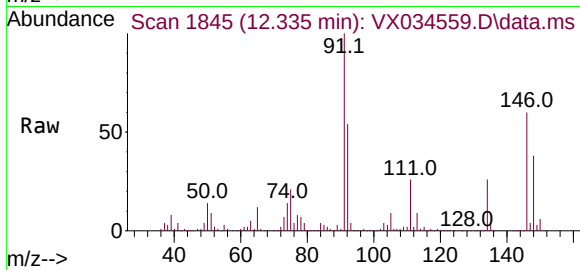
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.137 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

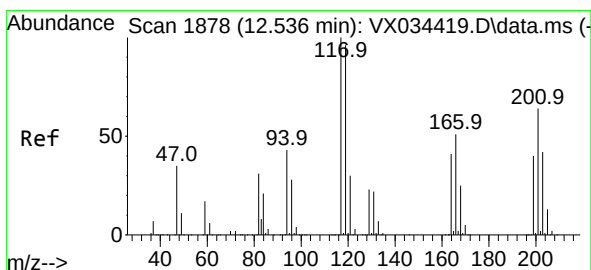
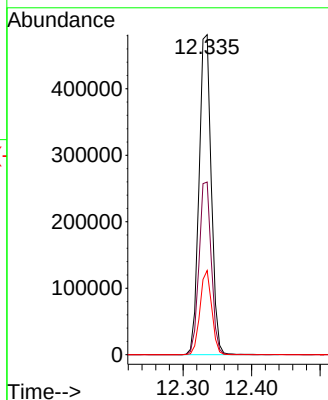
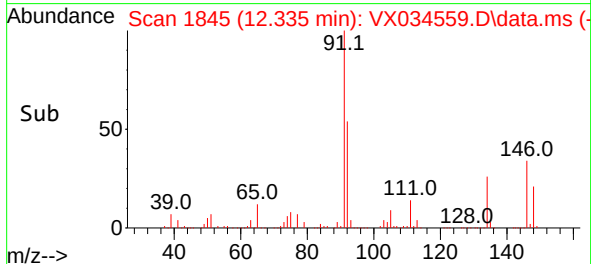
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 59803
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 25.3 13.0 38.9

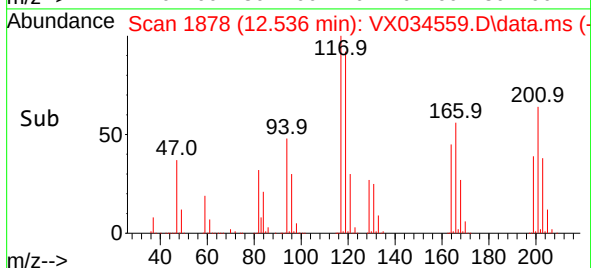
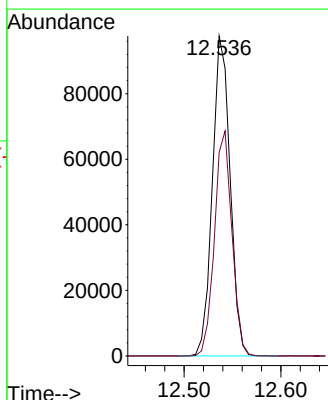
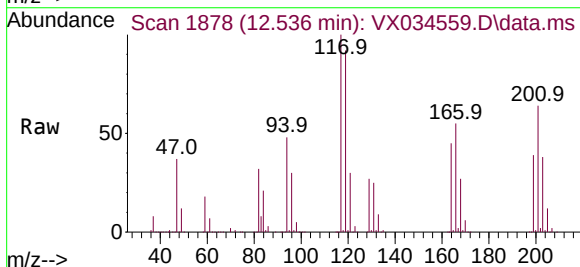
Manual Integrations
APPROVED

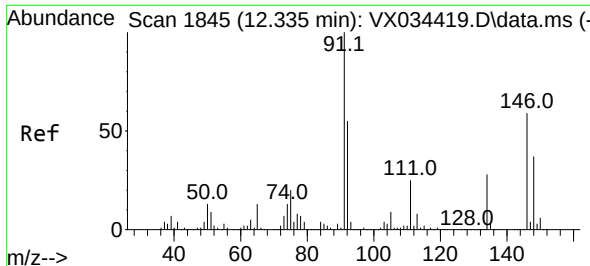
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#90
Hexachloroethane
Concen: 48.972 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

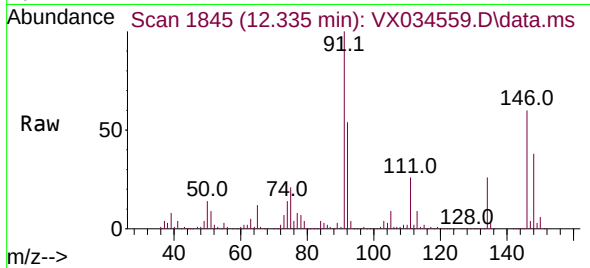
Tgt Ion:117 Resp: 124060
Ion Ratio Lower Upper
117 100
201 69.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.801 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

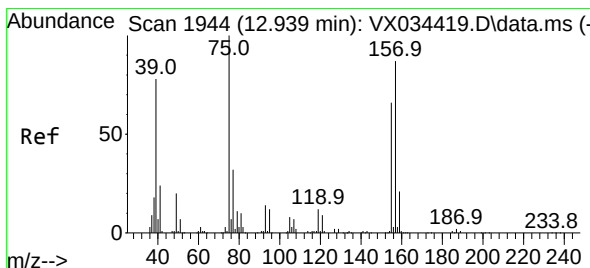
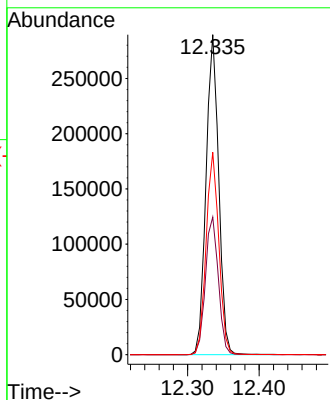
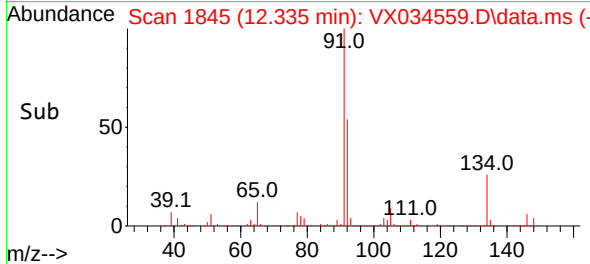
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



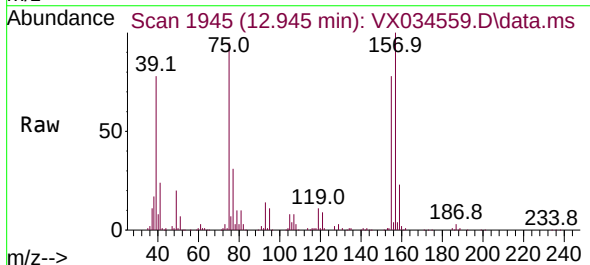
Tgt Ion:146 Resp: 356460
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations
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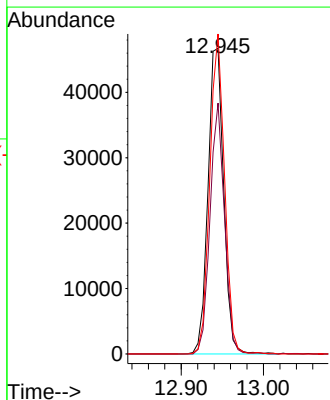
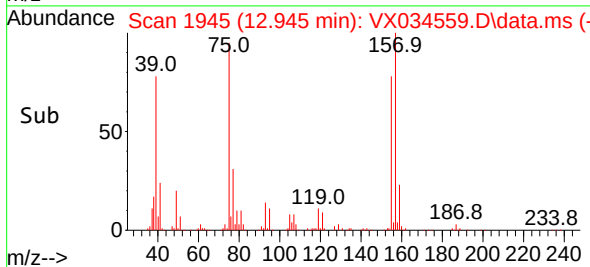
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

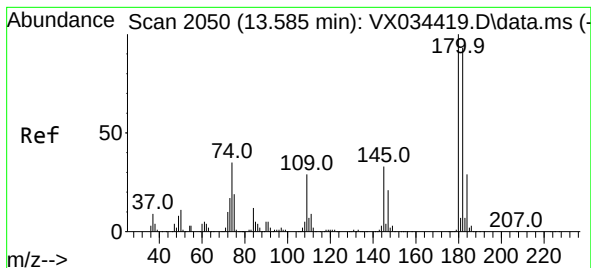


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.905 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30



Tgt Ion: 75 Resp: 62002
Ion Ratio Lower Upper
75 100
155 75.7 38.4 115.1
157 98.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.102 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 215310

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.0

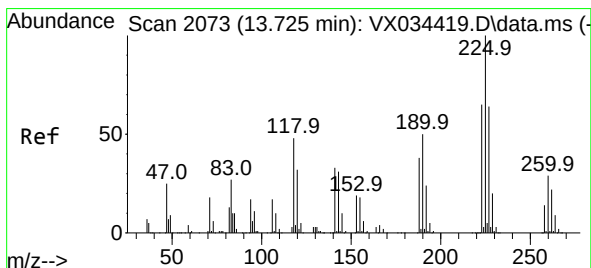
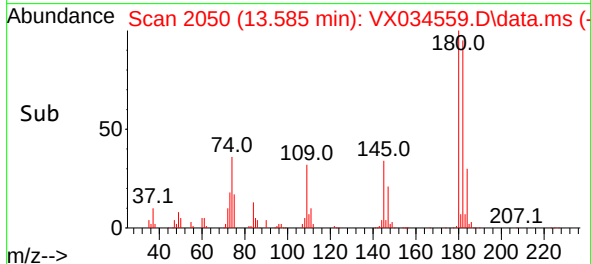
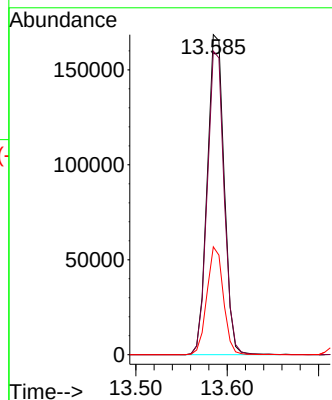
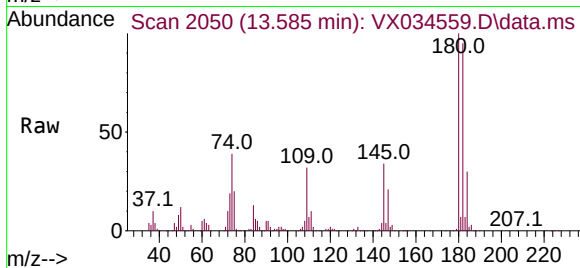
145 33.0 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#94

Hexachlorobutadiene

Concen: 46.515 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034559.D

Acq: 17 Mar 2023 02:30

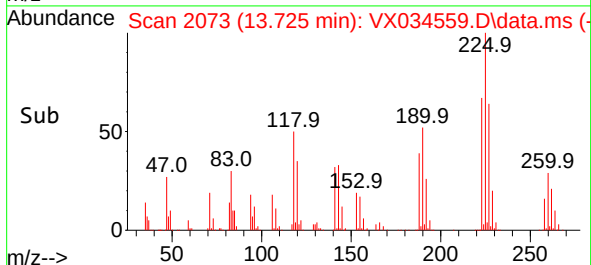
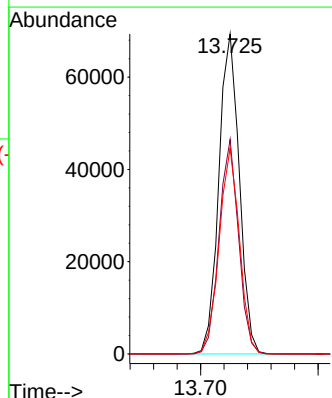
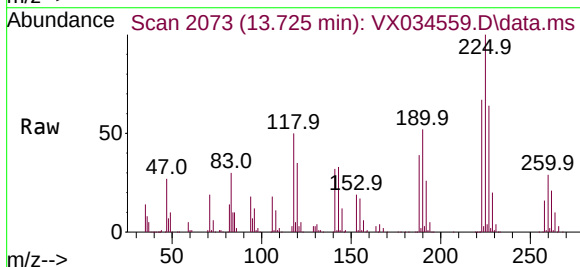
Tgt Ion:225 Resp: 83880

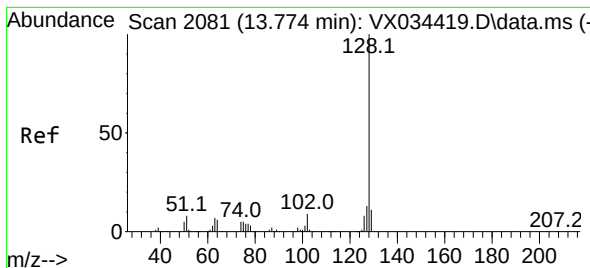
Ion Ratio Lower Upper

225 100

223 63.8 32.1 96.5

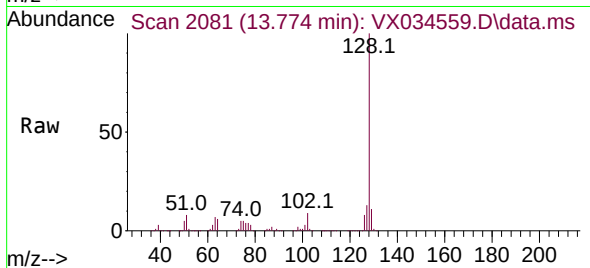
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 50.849 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

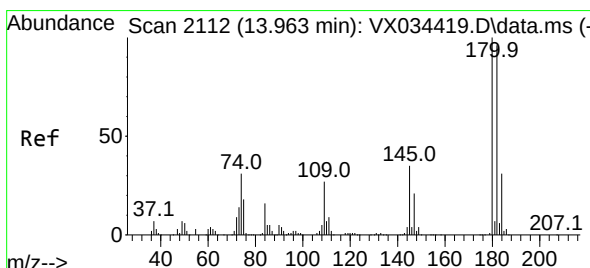
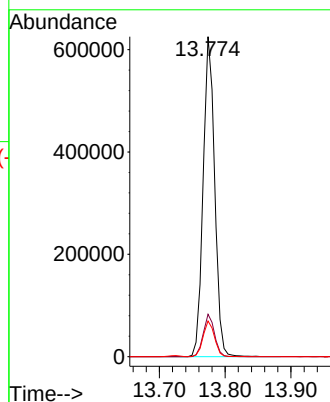
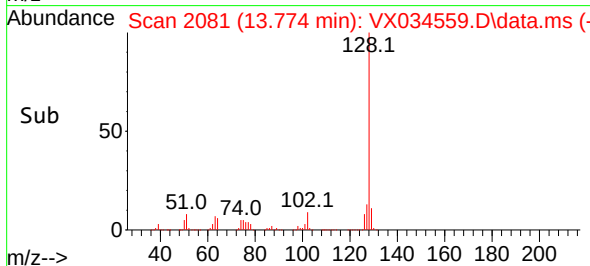
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 76324
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 49.028 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034559.D
Acq: 17 Mar 2023 02:30

Tgt Ion:180 Resp: 214522
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.2
145 34.8 17.7 53.1

