

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039060.D
 Acq On : 30 Nov 2023 11:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2023
 Supervised By : Mahesh Dadoda 12/01/2023

Quant Time: Dec 01 01:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	129139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	214569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97922	47.058	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.379	113	78825	46.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	289774	44.653	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.300%#		
62) 4-Bromofluorobenzene	11.079	95	116422	44.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83079	55.136	ug/l	100
3) Chloromethane	1.294	50	99325	50.503	ug/l	100
4) Vinyl Chloride	1.374	62	95742	50.538	ug/l	98
5) Bromomethane	1.599	94	64460	82.295	ug/l	99
6) Chloroethane	1.685	64	58216	53.847	ug/l	99
7) Trichlorofluoromethane	1.886	101	133274	55.438	ug/l	99
8) Diethyl Ether	2.130	74	53271	50.877	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	82403	51.687	ug/l	98
10) Methyl Iodide	2.453	142	91048	46.922	ug/l	92
11) Tert butyl alcohol	2.947	59	132722	229.323	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	81103	50.388	ug/l	88
13) Acrolein	2.233	56	74866	244.501	ug/l	100
14) Allyl chloride	2.660	41	159176	49.394	ug/l	93
15) Acrylonitrile	3.056	53	304319	248.848	ug/l	99
16) Acetone	2.373	43	348374	314.493	ug/l	90
17) Carbon Disulfide	2.508	76	237506	47.637	ug/l	99
18) Methyl Acetate	2.697	43	248267	47.185	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	298998	52.816	ug/l	97
20) Methylene Chloride	2.788	84	97074	48.613	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	90296	50.843	ug/l	97
22) Diisopropyl ether	3.751	45	314489	53.196	ug/l	98
23) Vinyl Acetate	3.715	43	1205719	283.183	ug/l	100
24) 1,1-Dichloroethane	3.605	63	166694	50.422	ug/l	99
25) 2-Butanone	4.544	43	473036	263.334	ug/l	98
26) 2,2-Dichloropropane	4.471	77	144294	50.317	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	105867	51.140	ug/l	95
28) Bromochloromethane	4.891	49	76727	48.339	ug/l	97
29) Tetrahydrofuran	4.989	42	295176	258.796	ug/l	100
30) Chloroform	5.086	83	168053	52.058	ug/l	97
31) Cyclohexane	5.464	56	156320	52.616	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	145750	52.126	ug/l	98
36) 1,1-Dichloropropene	5.684	75	125700	51.709	ug/l	98
37) Ethyl Acetate	4.702	43	167589	52.915	ug/l	99
38) Carbon Tetrachloride	5.672	117	122414	54.486	ug/l	97
39) Methylcyclohexane	7.373	83	164392	51.844	ug/l	97
40) Benzene	6.031	78	379683	52.808	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	85904	52.297	ug/l	94
42) 1,2-Dichloroethane	6.080	62	134559	56.487	ug/l	97
43) Isopropyl Acetate	6.330	43	266677	52.687	ug/l	98
44) Trichloroethene	7.123	130	94970	54.266	ug/l	99
45) 1,2-Dichloropropane	7.421	63	102677	53.066	ug/l	97
46) Dibromomethane	7.574	93	70912	54.957	ug/l	98
47) Bromodichloromethane	7.818	83	134954	52.696	ug/l	98
48) Methyl methacrylate	7.690	41	150457	61.266	ug/l	92
49) 1,4-Dioxane	7.653	88	44392	934.359	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	865940	267.712	ug/l	100
52) Toluene	8.714	92	233587	52.353	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	155294	51.027	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	166561	52.983	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	98164	52.729	ug/l	92
56) Ethyl methacrylate	9.110	69	126121	40.040	ug/l	96
57) 1,3-Dichloropropane	9.305	76	166961	54.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	345027	235.135	ug/l	95
59) 2-Hexanone	9.427	43	708879	273.422	ug/l	97
60) Dibromochloromethane	9.519	129	101019	53.366	ug/l	100
61) 1,2-Dibromoethane	9.604	107	104955	53.726	ug/l	99
64) Tetrachloroethene	9.269	164	74149	55.595	ug/l	95
65) Chlorobenzene	10.079	112	247674	53.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	89960	54.107	ug/l	98
67) Ethyl Benzene	10.189	91	460877	54.272	ug/l	98
68) m/p-Xylenes	10.299	106	343426	106.910	ug/l	98
69) o-Xylene	10.640	106	166465	52.372	ug/l	99
70) Styrene	10.652	104	249177	46.418	ug/l	98
71) Bromoform	10.799	173	72669	52.429	ug/l #	99
73) Isopropylbenzene	10.963	105	442724	51.788	ug/l	99
74) N-amyl acetate	10.841	43	234007	51.783	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	167427	50.171	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	143425m	52.393	ug/l	
77) Bromobenzene	11.195	156	99070	51.575	ug/l	96
78) n-propylbenzene	11.305	91	544738	51.768	ug/l	98
79) 2-Chlorotoluene	11.360	91	314556	50.371	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	381717	53.105	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	56504	45.783	ug/l #	83
82) 4-Chlorotoluene	11.451	91	373624	51.889	ug/l	100
83) tert-Butylbenzene	11.713	119	365700	51.659	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	388616	53.416	ug/l	100
85) sec-Butylbenzene	11.890	105	464722	50.187	ug/l	99
86) p-Isopropyltoluene	12.006	119	392689	52.828	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	192848	51.269	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	193619	50.292	ug/l	99
89) n-Butylbenzene	12.329	91	395567	52.744	ug/l	97
90) Hexachloroethane	12.536	117	74438	50.146	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	183906	51.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39708	48.566	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	124305	51.994	ug/l	97
94) Hexachlorobutadiene	13.725	225	47032	55.551	ug/l	96
95) Naphthalene	13.774	128	447438	50.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	119361	52.667	ug/l	99

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

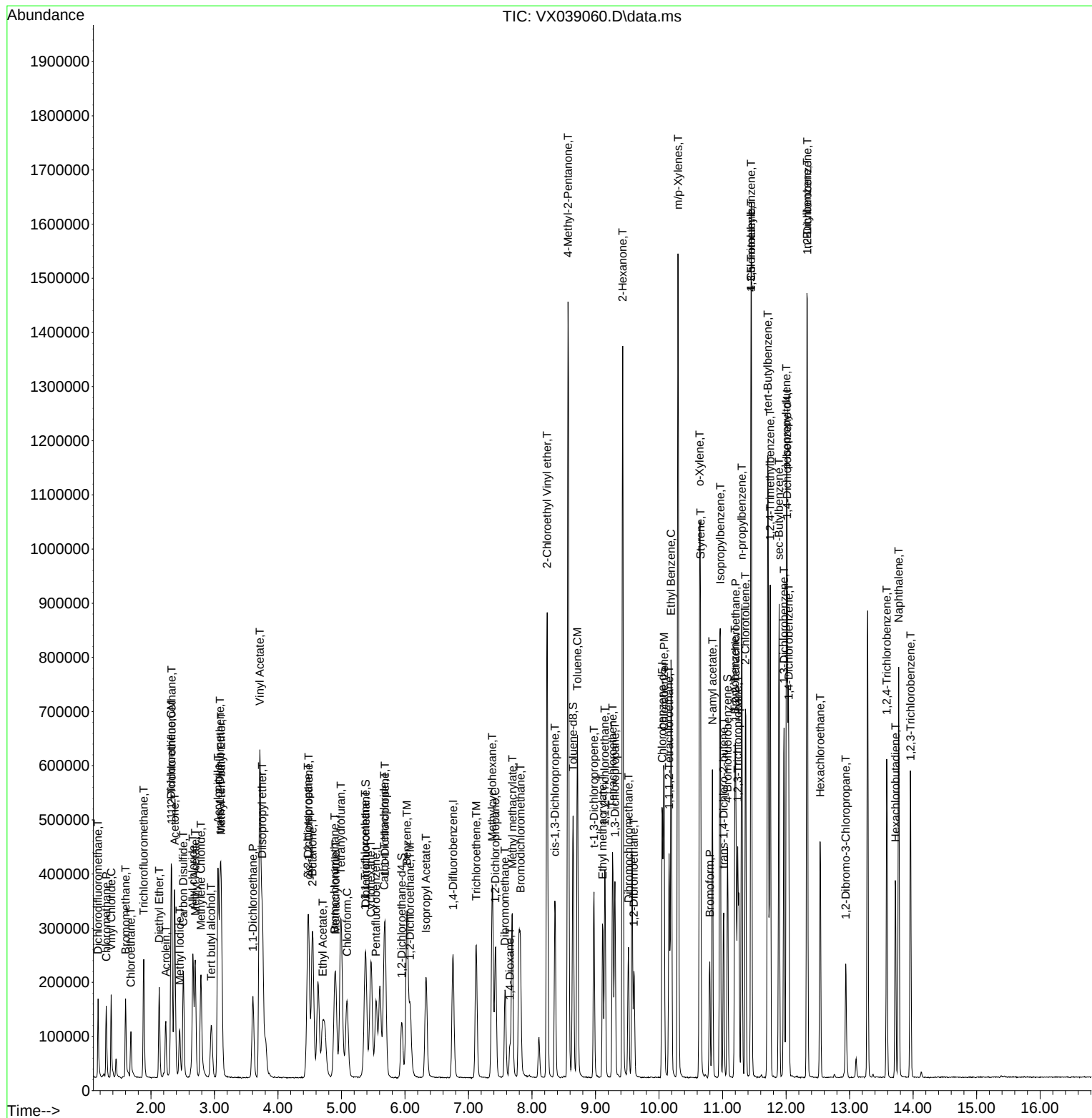
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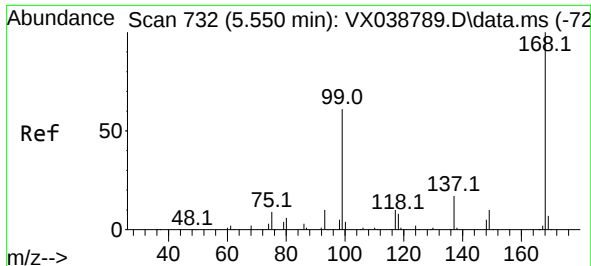
Instrument :
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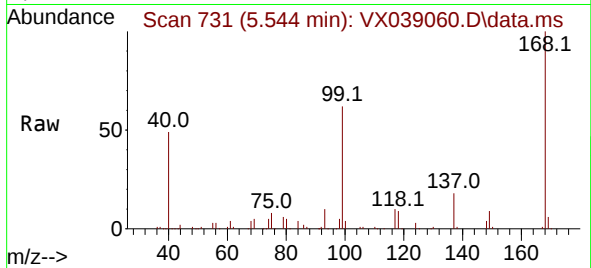
Reviewed By : John Carlone 12/01/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039060.D
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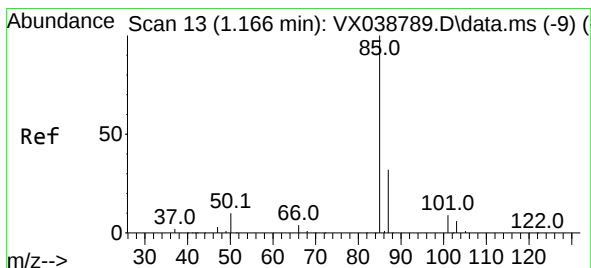
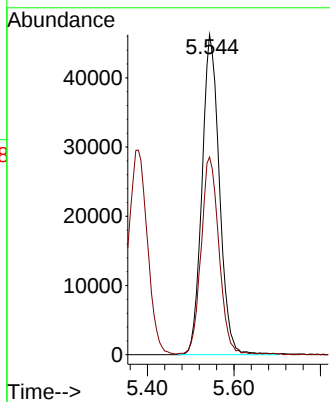
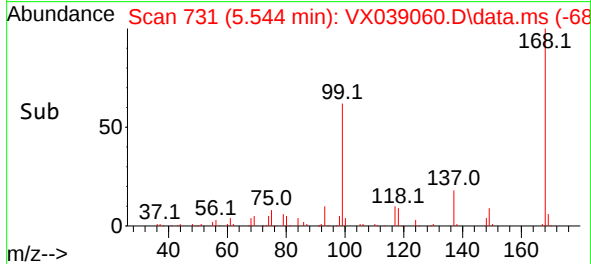
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 129139
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0

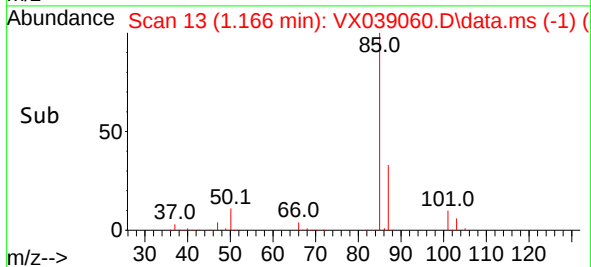
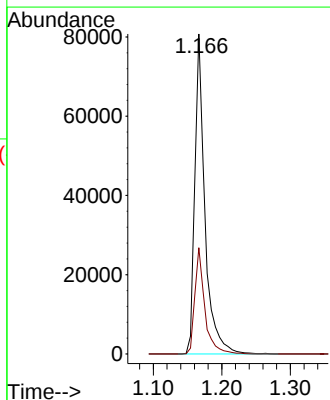
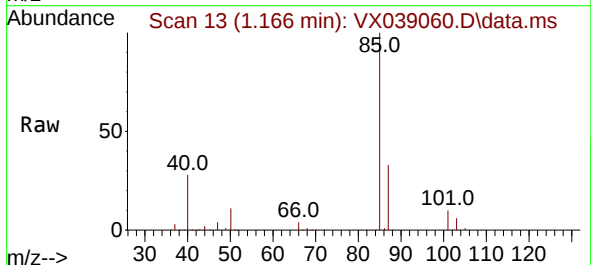
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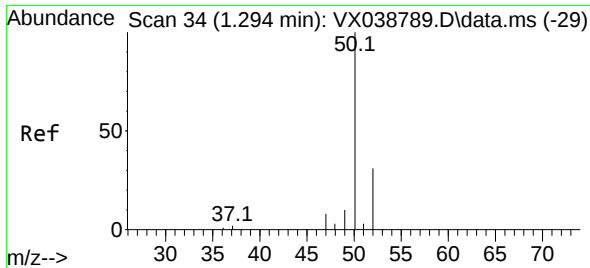
Reviewed By :John Carlone 12/01/2023
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#2
Dichlorodifluoromethane
Concen: 55.136 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 85 Resp: 83079
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





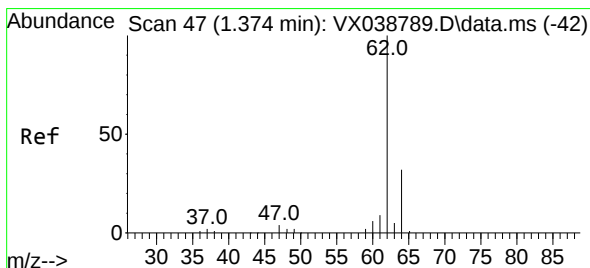
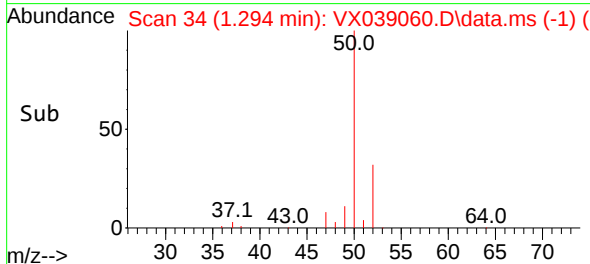
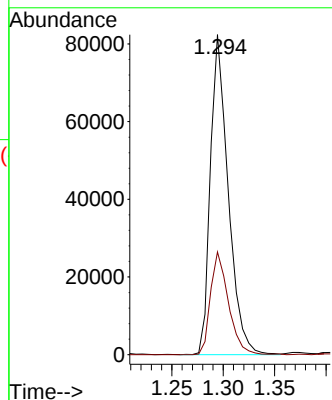
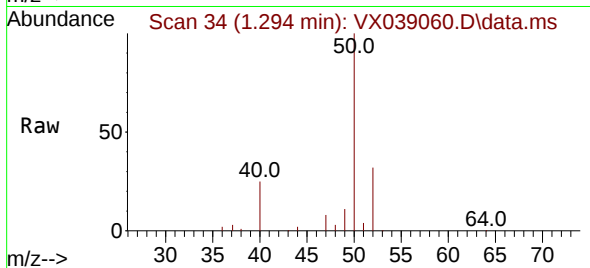
#3
Chloromethane
Concen: 50.503 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 99325
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

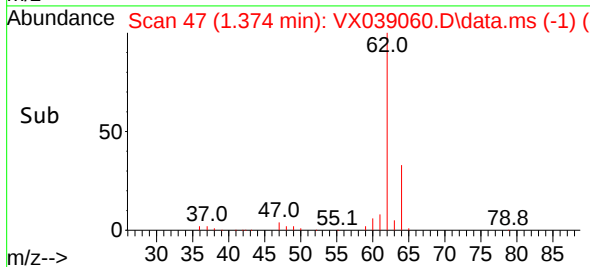
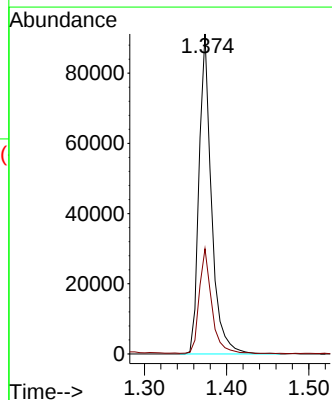
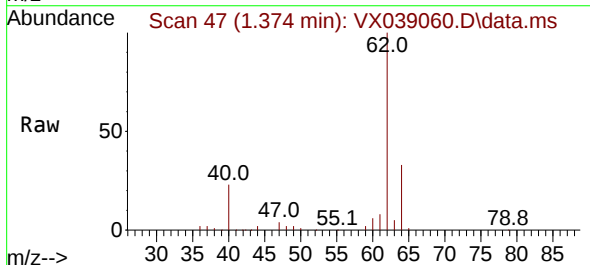
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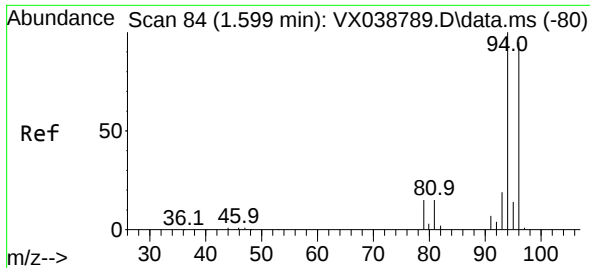
Reviewed By :John Carlone 12/01/2023
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#4
Vinyl Chloride
Concen: 50.538 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

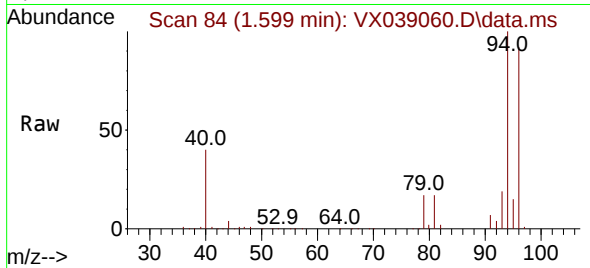
Tgt Ion: 62 Resp: 95742
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 82.295 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039060.D
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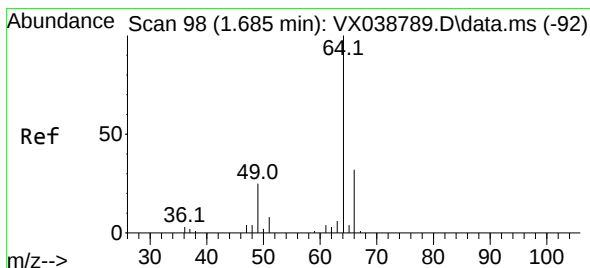
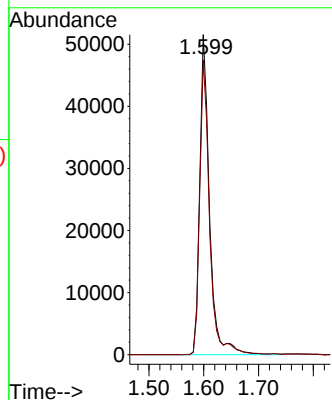
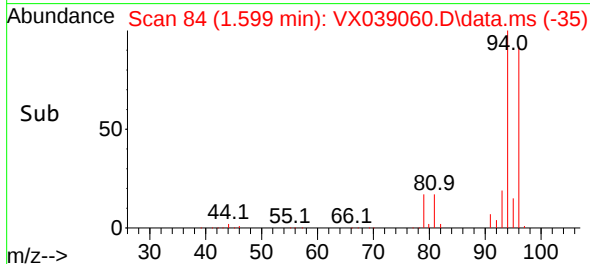
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Tgt Ion: 94 Resp: 64460
Ion Ratio Lower Upper
94 100
96 92.1 74.6 111.8

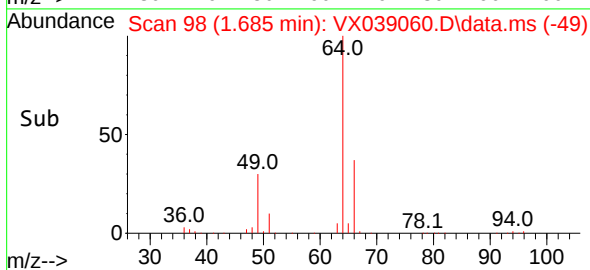
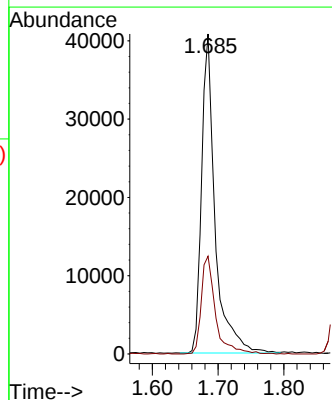
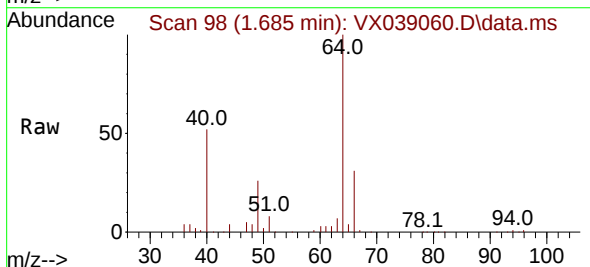
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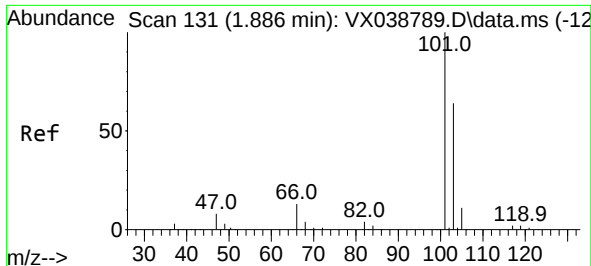
Reviewed By :John Carlone 12/01/2023
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#6
Chloroethane
Concen: 53.847 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 64 Resp: 58216
Ion Ratio Lower Upper
64 100
66 30.6 25.1 37.7





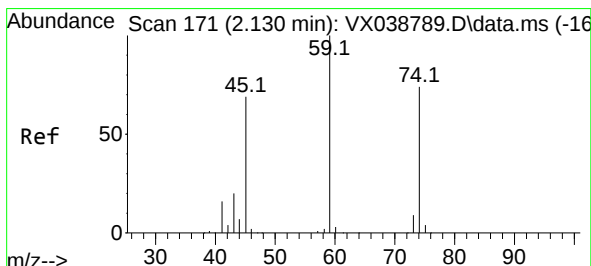
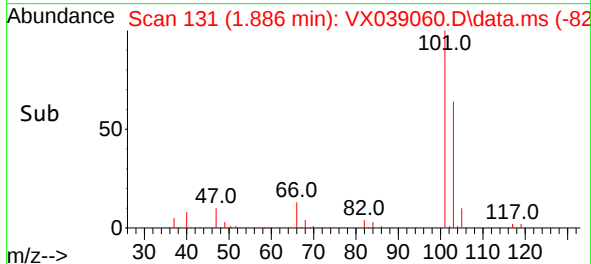
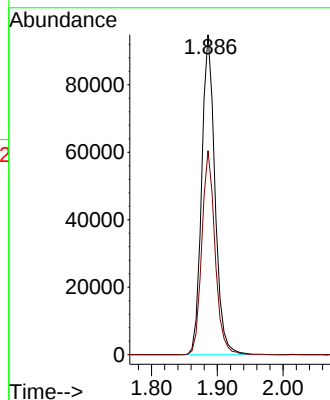
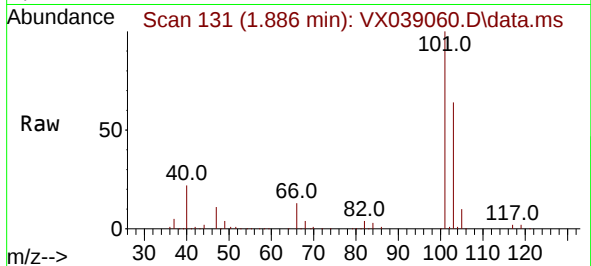
#7
 Trichlorofluoromethane
 Concen: 55.438 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42

Instrument :
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Tgt Ion:101 Resp: 133274
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

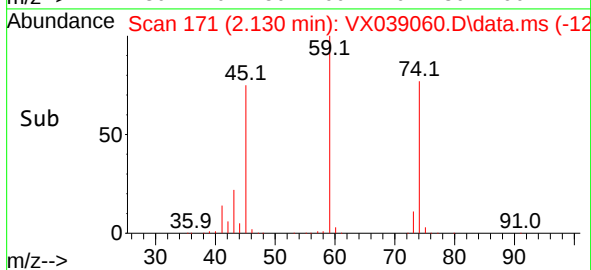
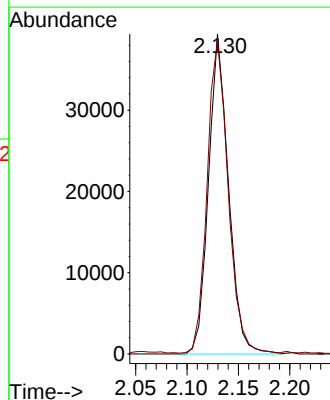
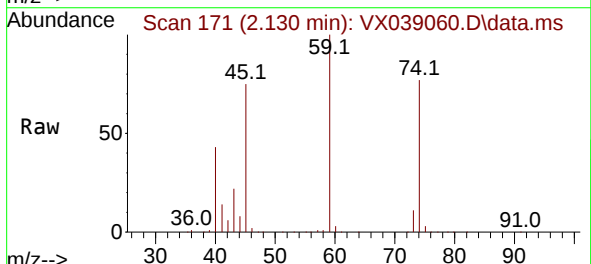
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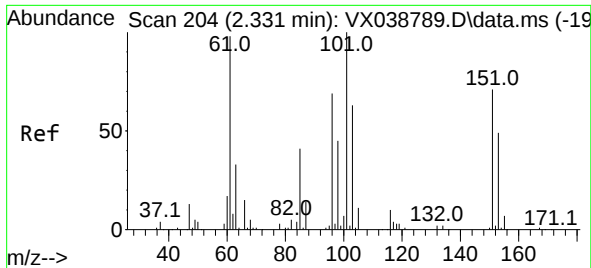
Reviewed By :John Carlone 12/01/2023
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#8
 Diethyl Ether
 Concen: 50.877 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42

Tgt Ion: 74 Resp: 53271
 Ion Ratio Lower Upper
 74 100
 45 102.5 53.3 159.8





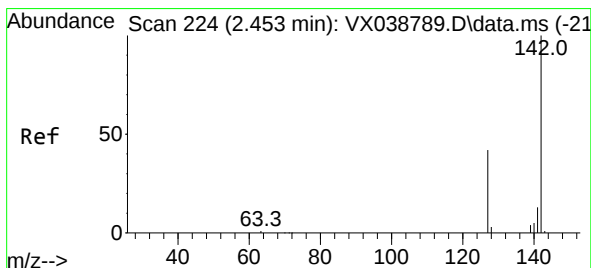
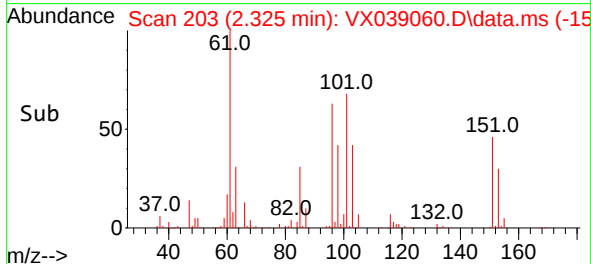
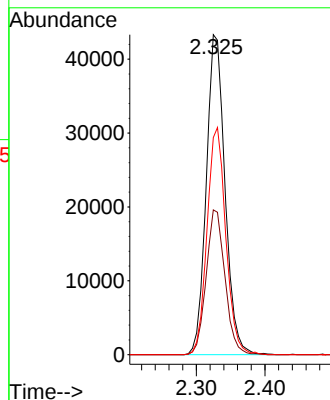
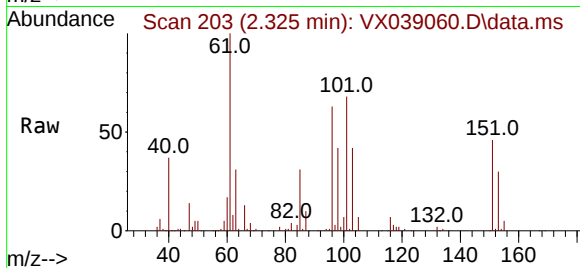
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.687 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8240
Ion Ratio Lower Upper
101 100
85 45.4 37.0 55.6
151 71.1 58.6 87.8

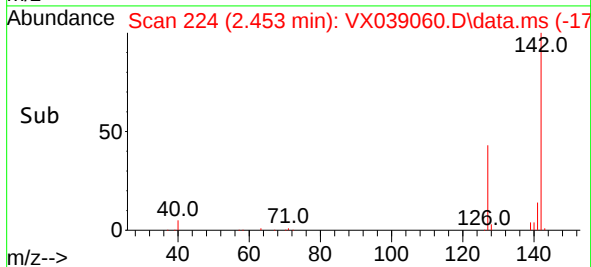
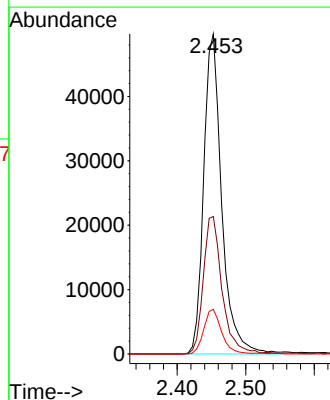
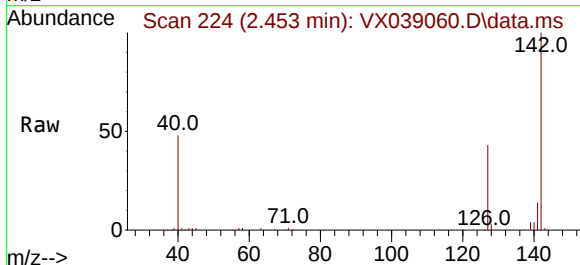
Manual Integrations
APPROVED

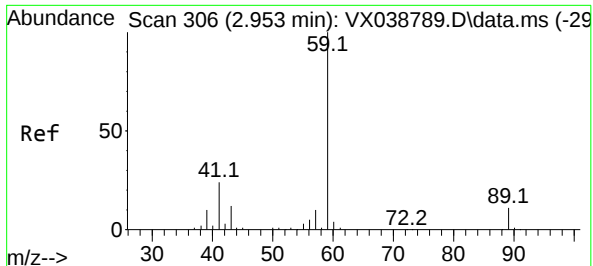
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#10
Methyl Iodide
Concen: 46.922 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:142 Resp: 91048
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 229.323 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 13272

Ion Ratio Lower Upper

59 100

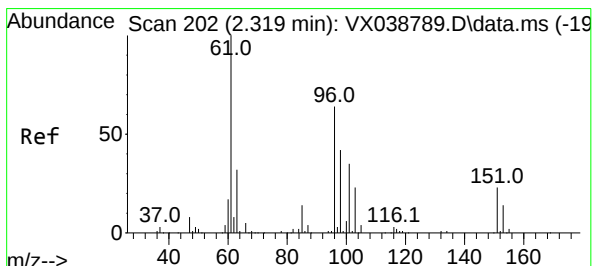
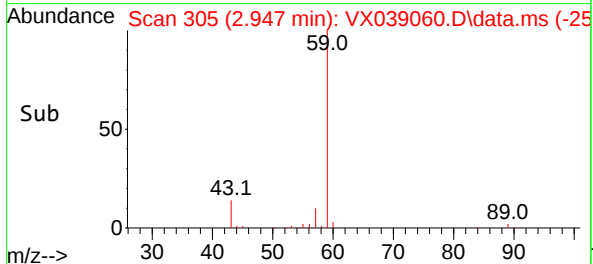
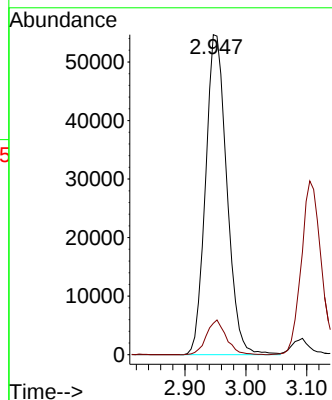
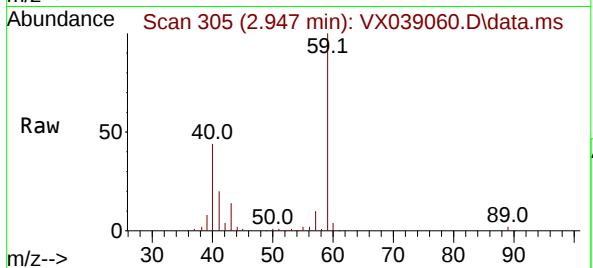
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#12

1,1-Dichloroethene

Concen: 50.388 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

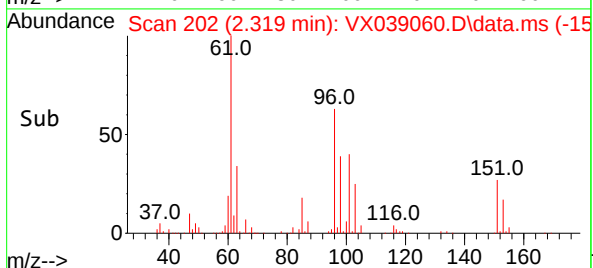
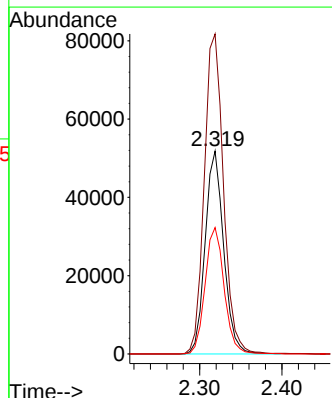
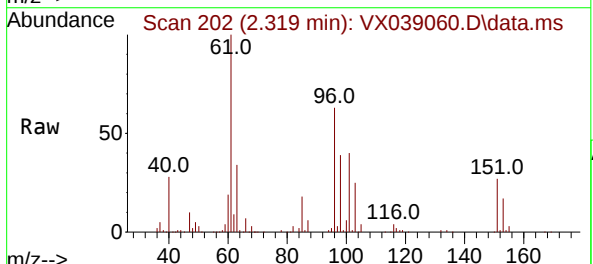
Tgt Ion: 96 Resp: 81103

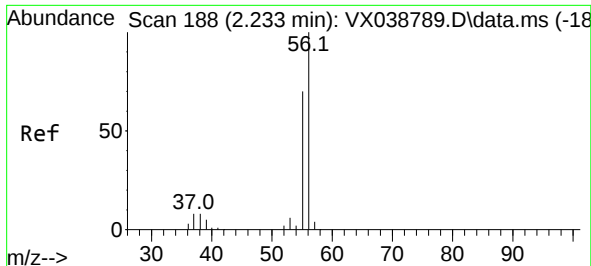
Ion Ratio Lower Upper

96 100

61 157.8 144.6 216.8

98 62.3 50.4 75.6





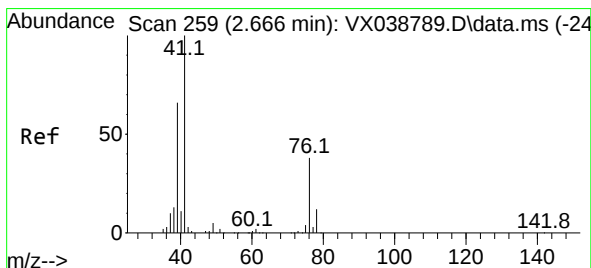
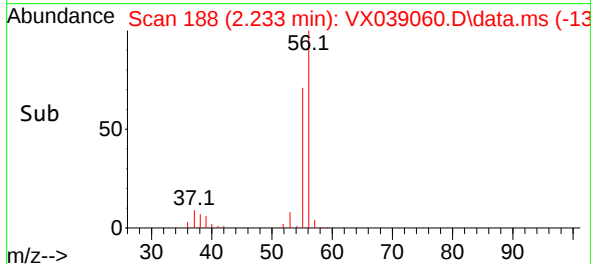
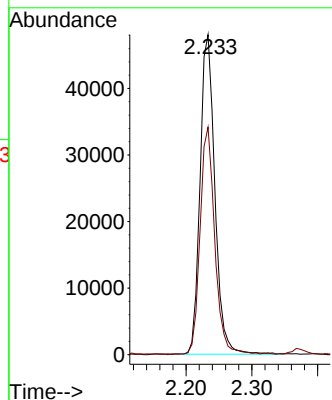
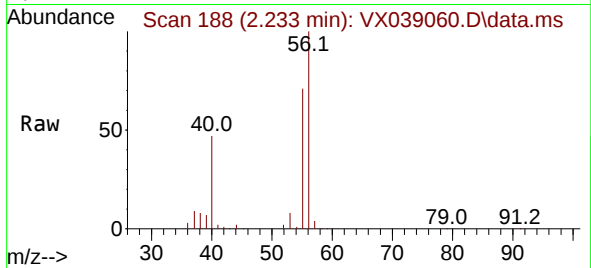
#13
Acrolein
Concen: 244.501 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 74860
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

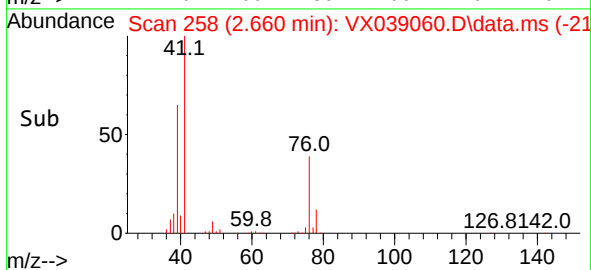
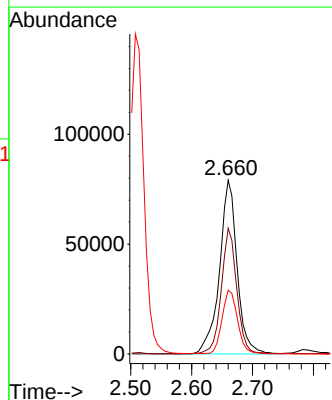
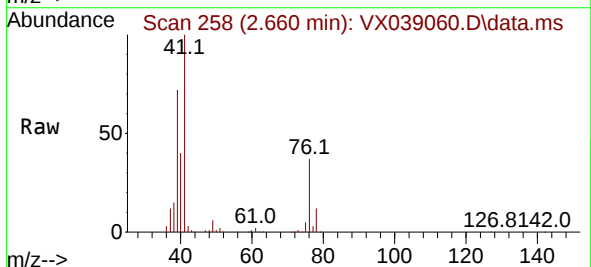
Manual Integrations
APPROVED

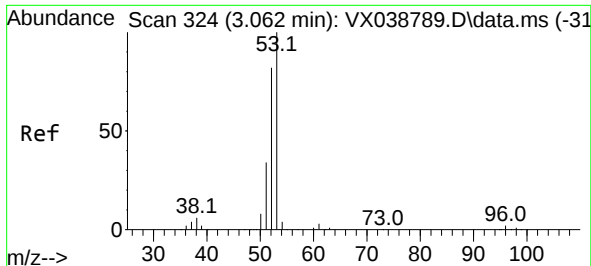
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#14
Allyl chloride
Concen: 49.394 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

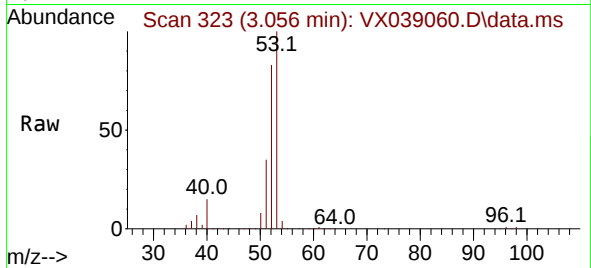
Tgt Ion: 41 Resp: 159176
Ion Ratio Lower Upper
41 100
39 63.1 55.8 83.6
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 248.848 ug/l
RT: 3.056 min Scan# 304319
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

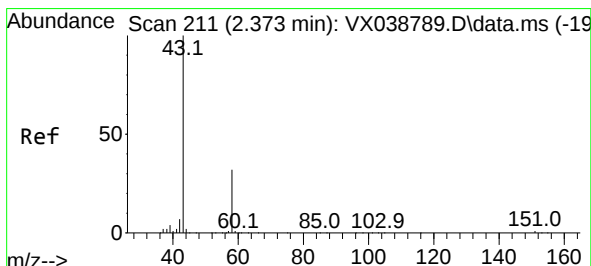
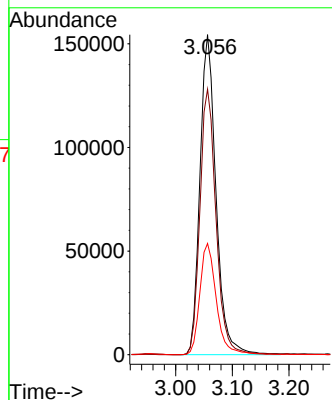
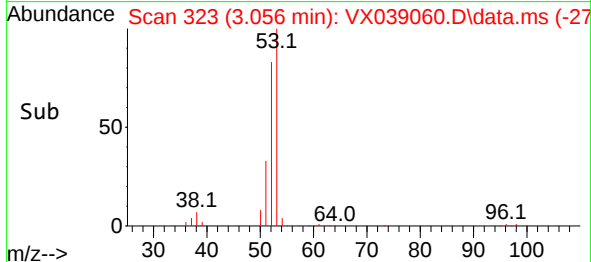
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 304319
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 35.7 29.8 44.6

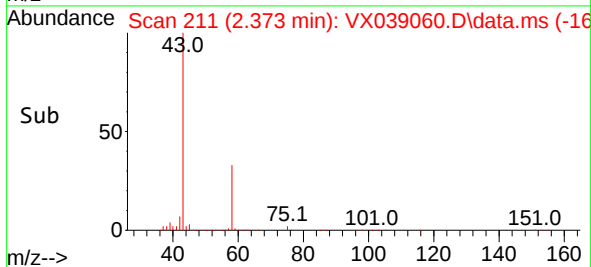
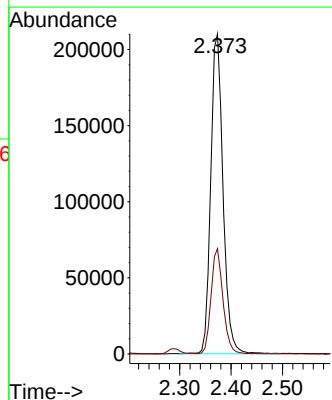
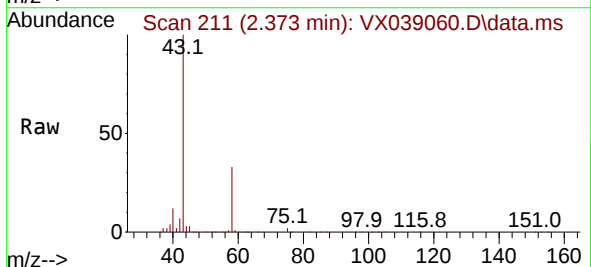
Manual Integrations
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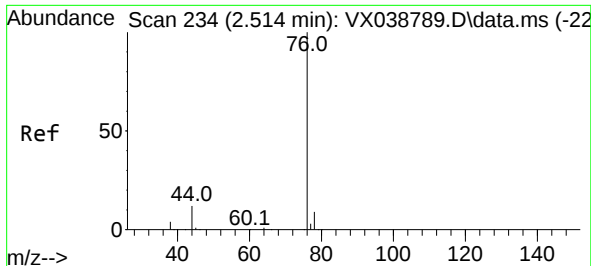
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#16
Acetone
Concen: 314.493 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 348374
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





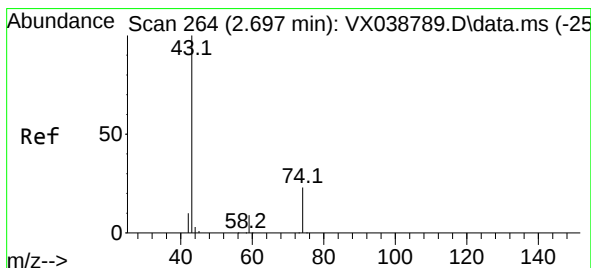
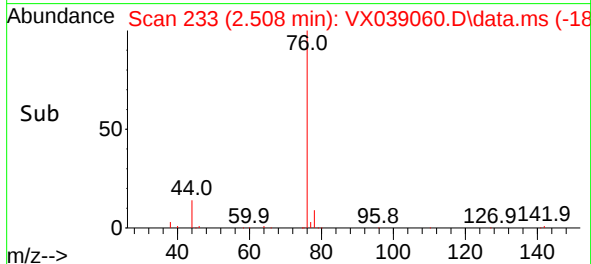
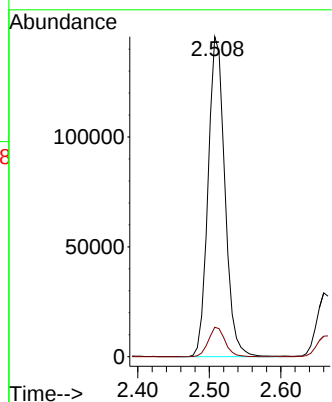
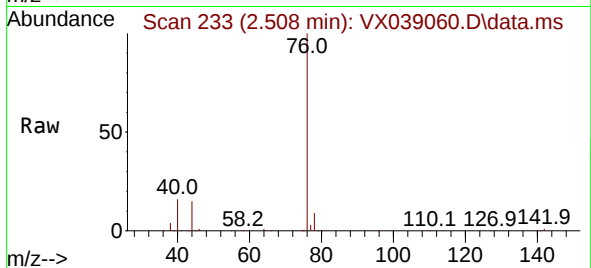
#17
Carbon Disulfide
Concen: 47.637 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 237500
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

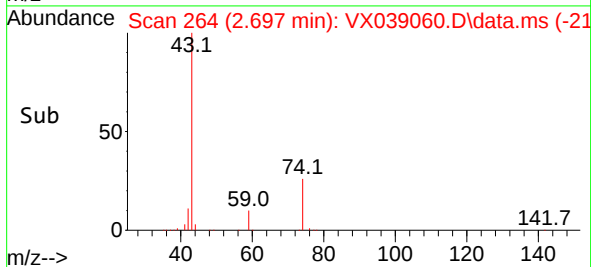
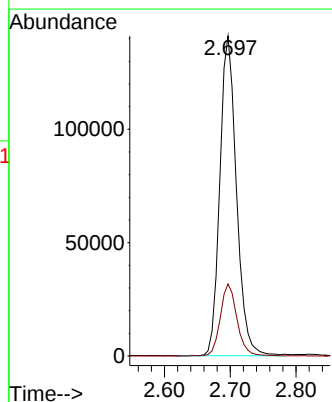
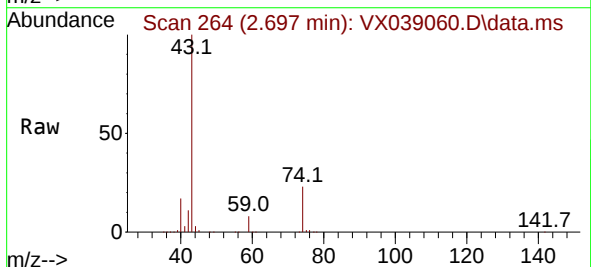
Manual Integrations
APPROVED

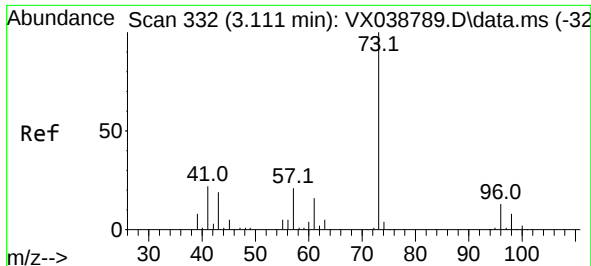
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#18
Methyl Acetate
Concen: 47.185 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 248267
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





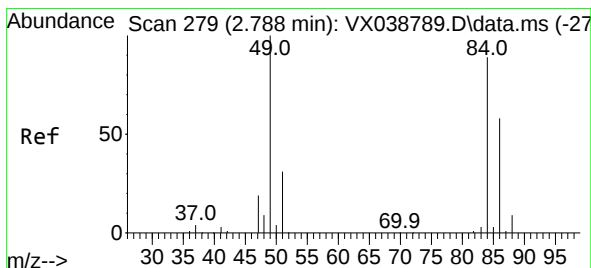
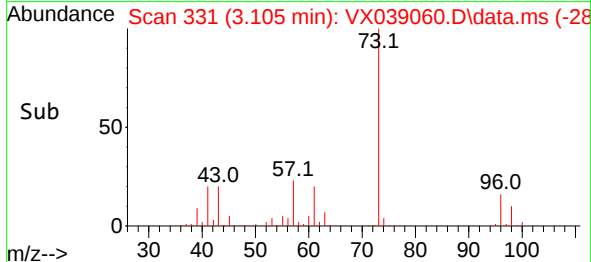
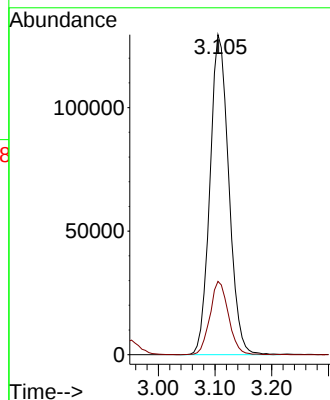
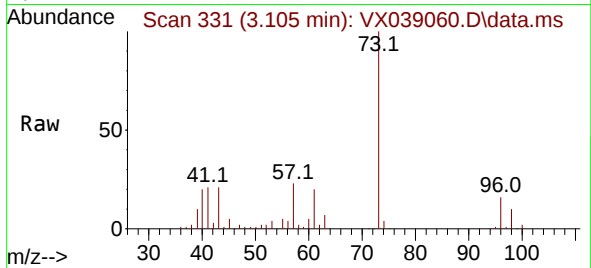
#19
Methyl tert-butyl Ether
Concen: 52.816 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 298998
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

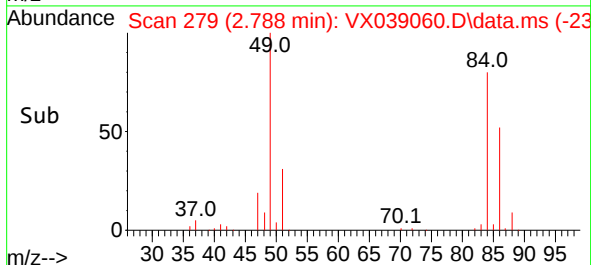
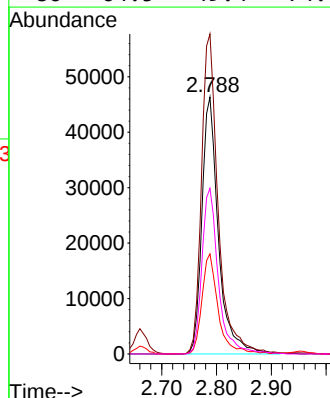
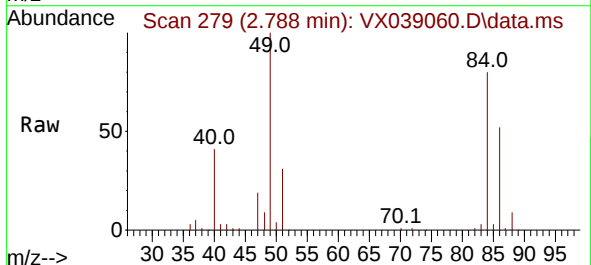
Manual Integrations
APPROVED

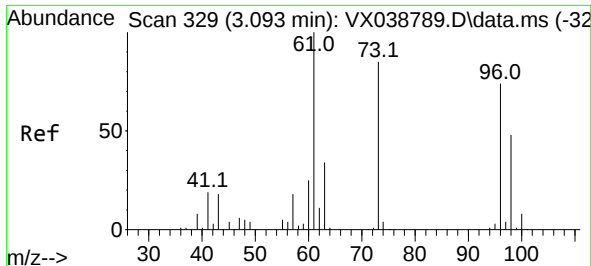
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#20
Methylene Chloride
Concen: 48.613 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

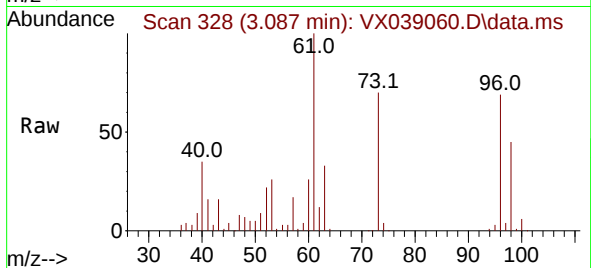
Tgt Ion: 84 Resp: 97074
Ion Ratio Lower Upper
84 100
49 124.6 103.6 155.4
51 39.0 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.843 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

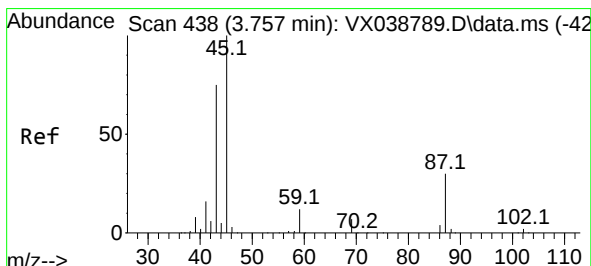
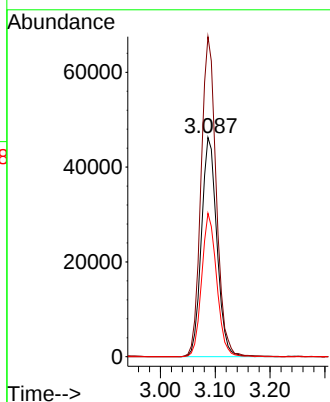
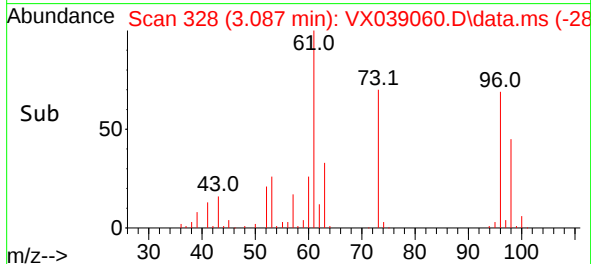
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



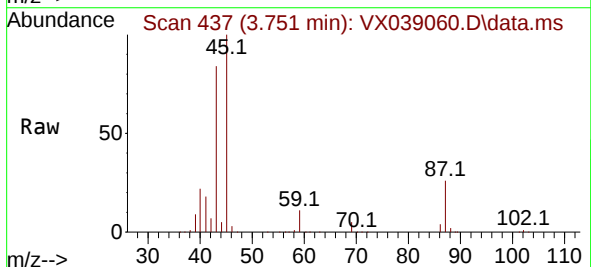
Tgt Ion: 96 Resp: 90290
Ion Ratio Lower Upper
96 100
61 145.9 119.2 178.8
98 65.4 48.7 73.1

Manual Integrations
APPROVED

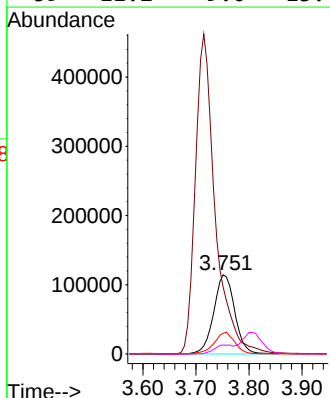
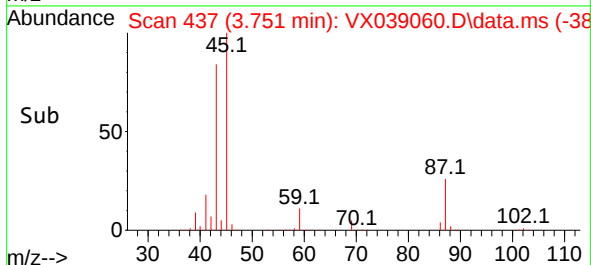
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023

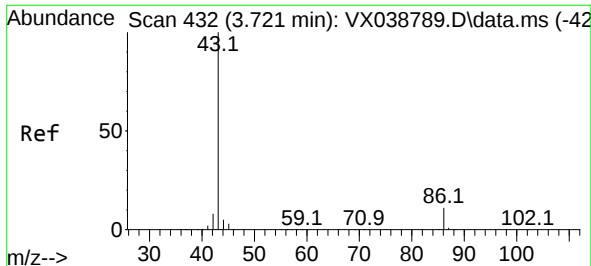


#22
Diisopropyl ether
Concen: 53.196 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42



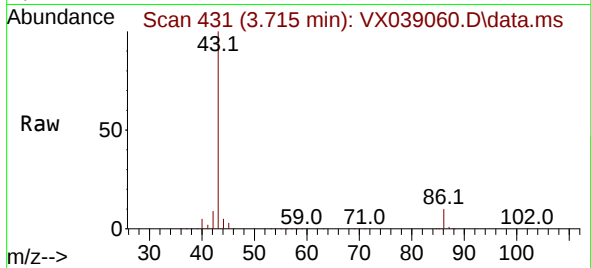
Tgt Ion: 45 Resp: 314489
Ion Ratio Lower Upper
45 100
43 83.9 69.7 104.5
87 26.0 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 283.183 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42

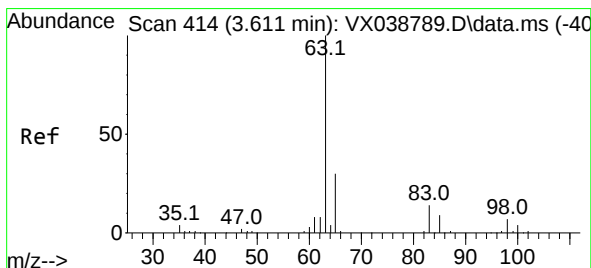
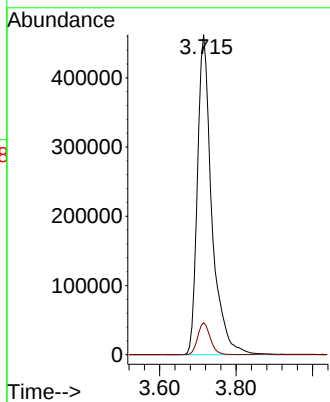
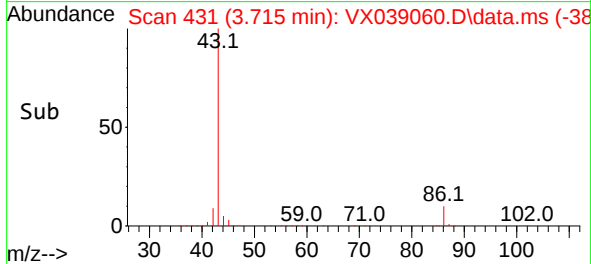
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



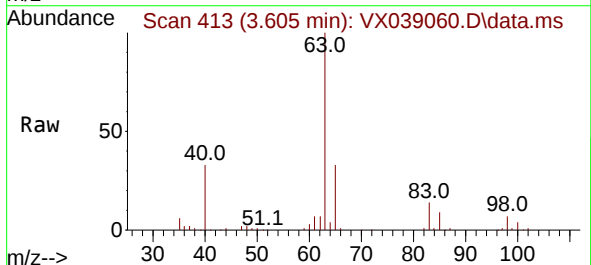
Tgt Ion: 43 Resp: 1205719
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
 APPROVED

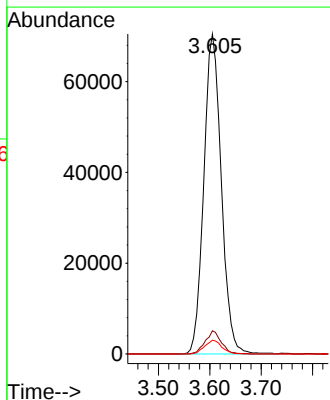
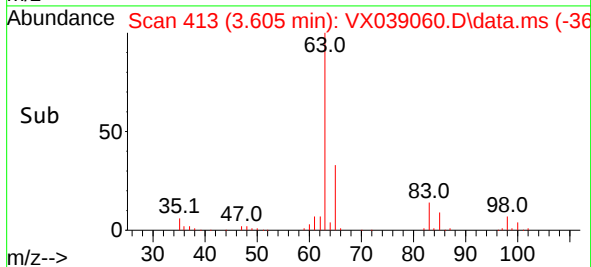
Reviewed By :John Carlone 12/01/2023
 Supervised By :Mahesh Dadoda 12/01/2023

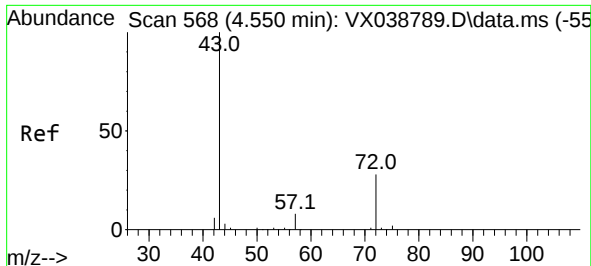


#24
 1,1-Dichloroethane
 Concen: 50.422 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42



Tgt Ion: 63 Resp: 166694
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.3 2.1 6.5





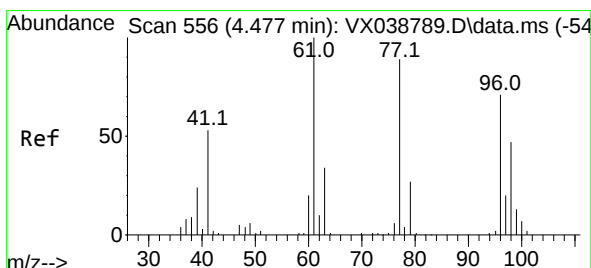
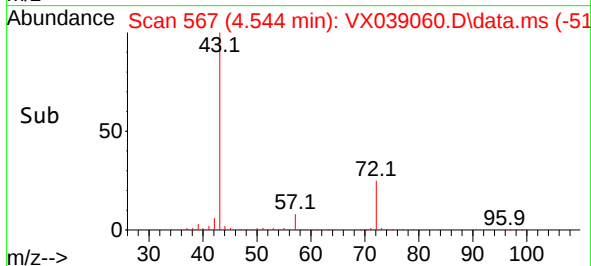
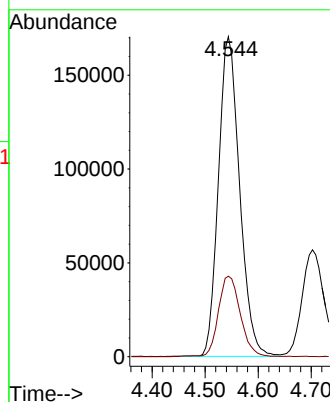
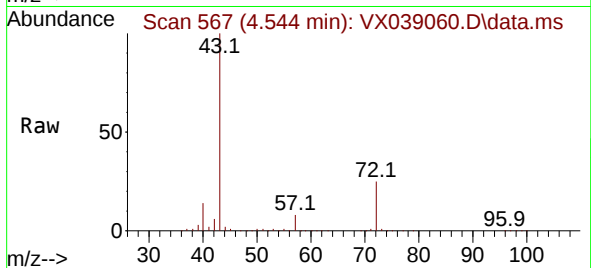
#25
2-Butanone
Concen: 263.334 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 473030
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

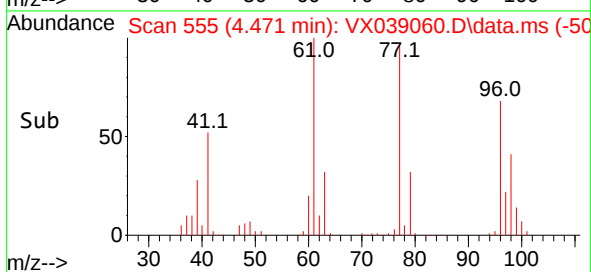
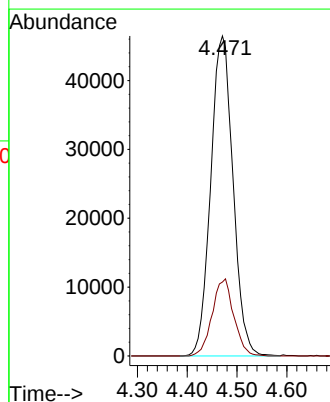
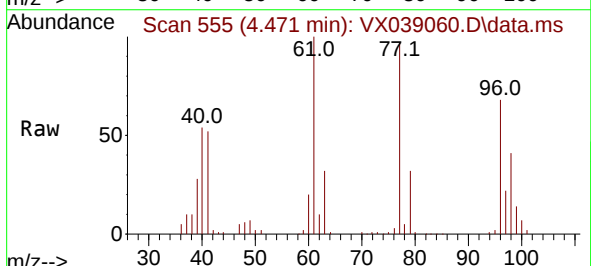
Manual Integrations
APPROVED

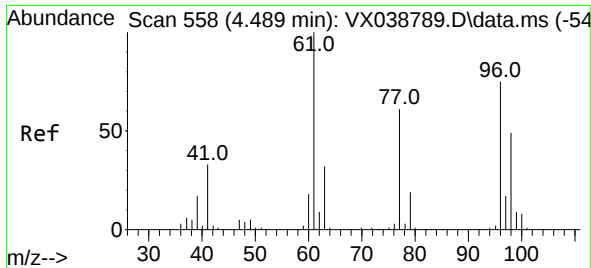
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#26
2,2-Dichloropropane
Concen: 50.317 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 77 Resp: 144294
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.140 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10586

Ion Ratio Lower Upper

96 100

61 148.6 0.0 312.2

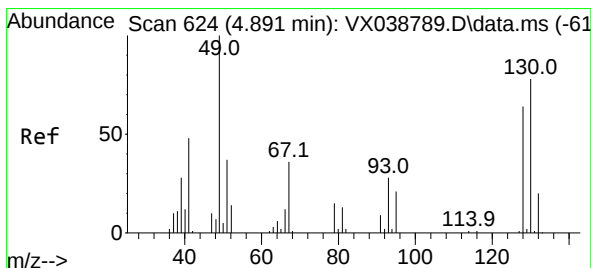
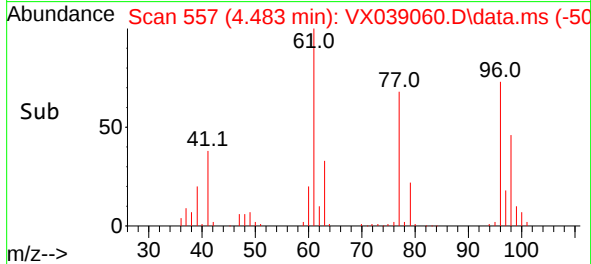
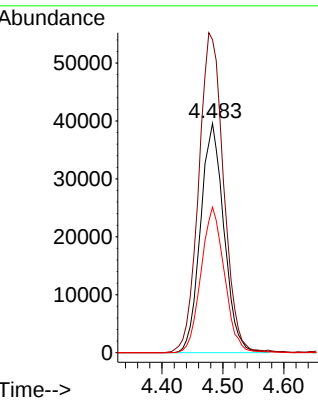
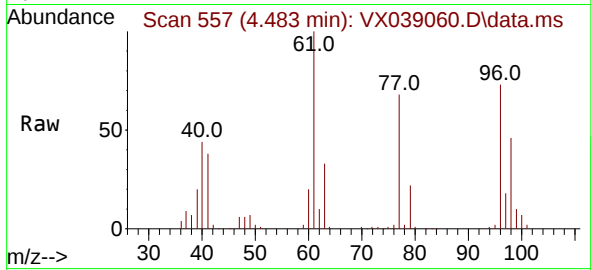
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#28

Bromochloromethane

Concen: 48.339 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

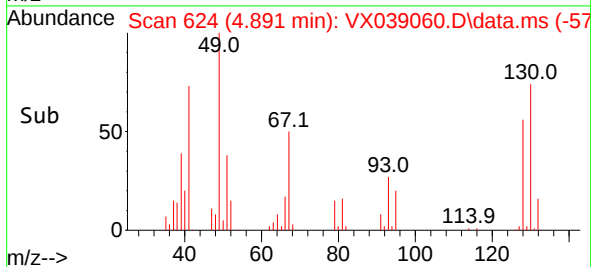
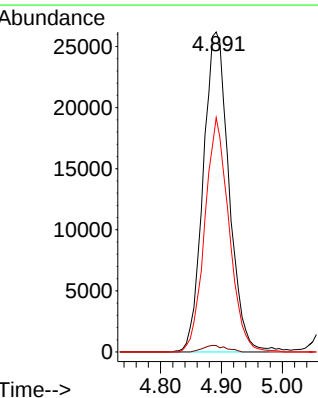
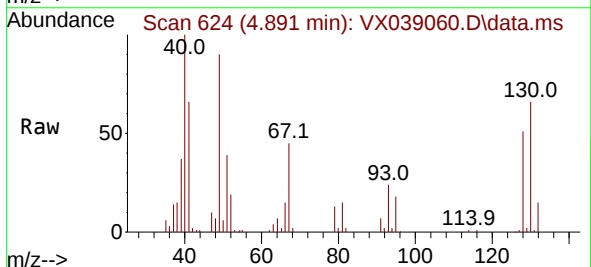
Tgt Ion: 49 Resp: 76727

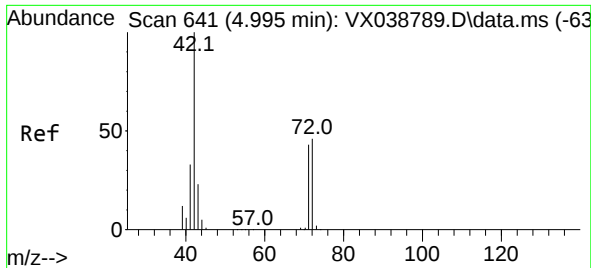
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

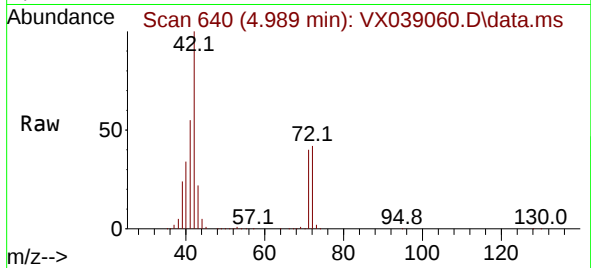
130 69.2 57.5 86.3





#29
Tetrahydrofuran
Concen: 258.796 ug/l
RT: 4.989 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

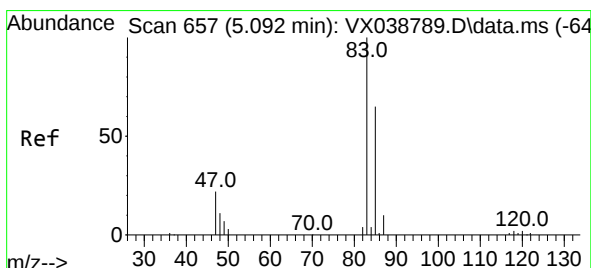
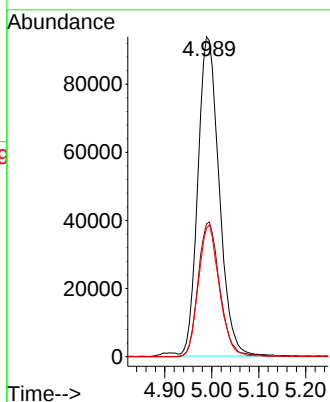
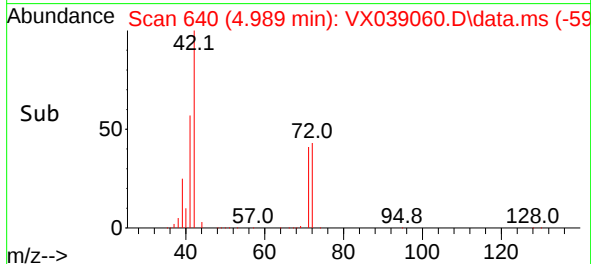
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 295170
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.4
71 40.6 32.2 48.2

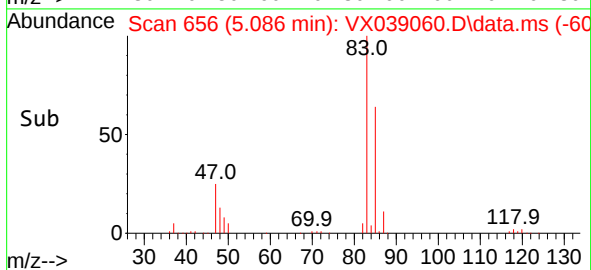
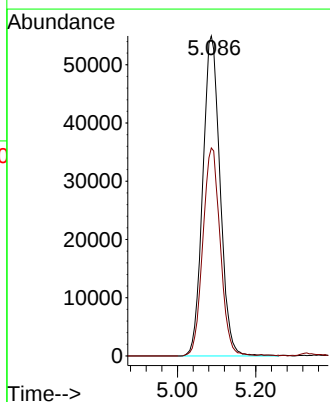
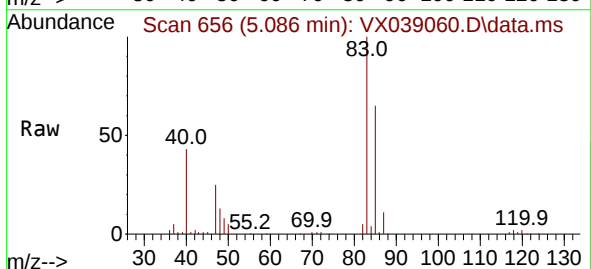
Manual Integrations
APPROVED

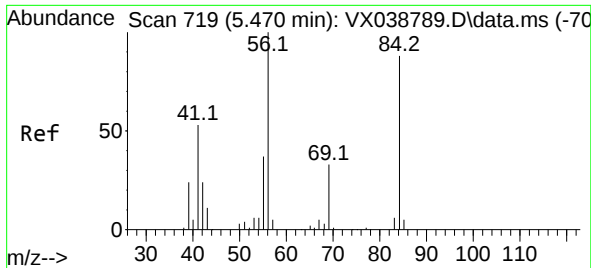
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#30
Chloroform
Concen: 52.058 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

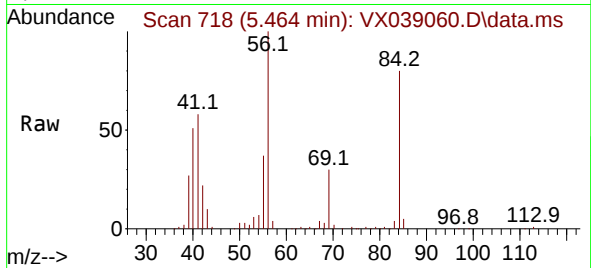
Tgt Ion: 83 Resp: 168053
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 52.616 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

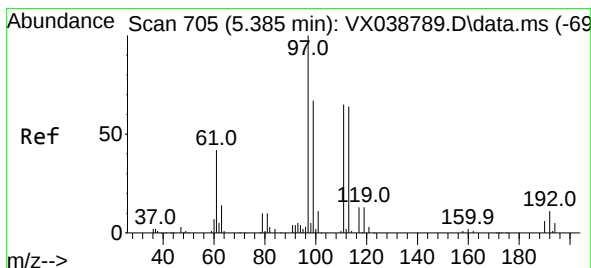
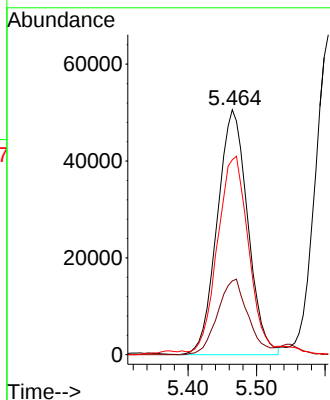
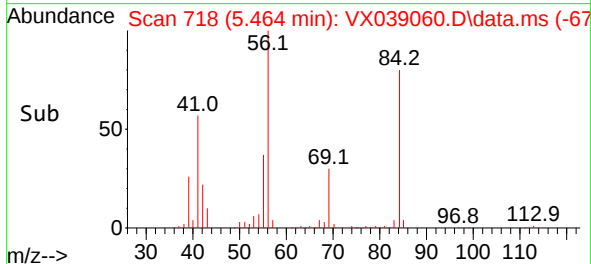
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 156320
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 78.4 65.9 98.9

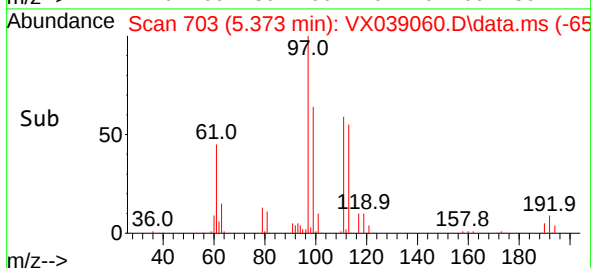
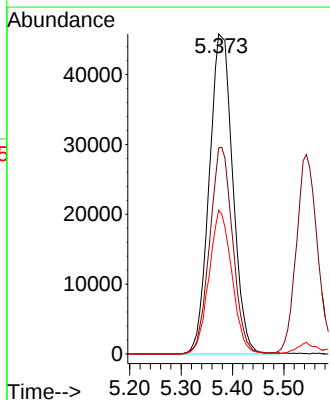
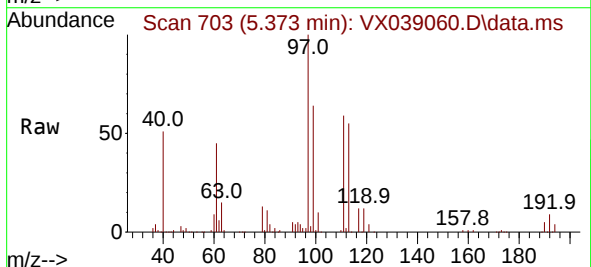
Manual Integrations
APPROVED

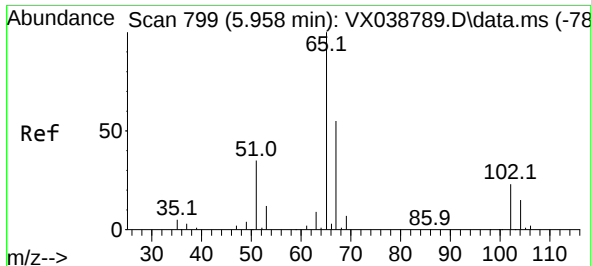
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#32
1,1,1-Trichloroethane
Concen: 52.126 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 97 Resp: 145750
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 43.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.058 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9792

Ion Ratio Lower Upper

65 100

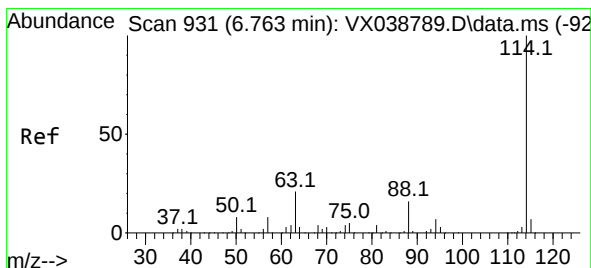
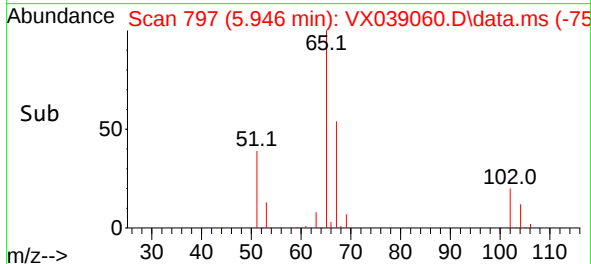
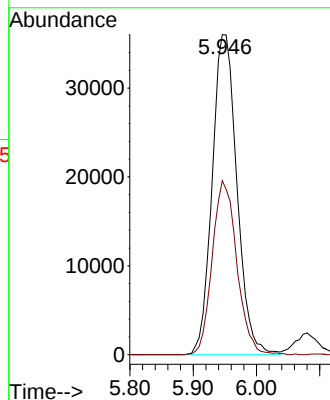
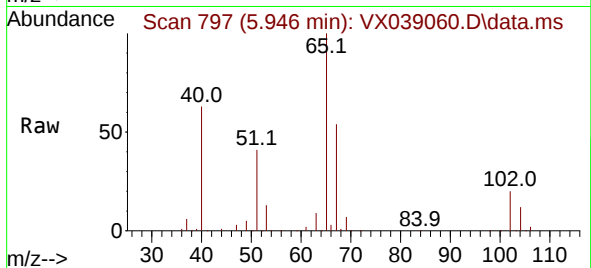
67 53.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

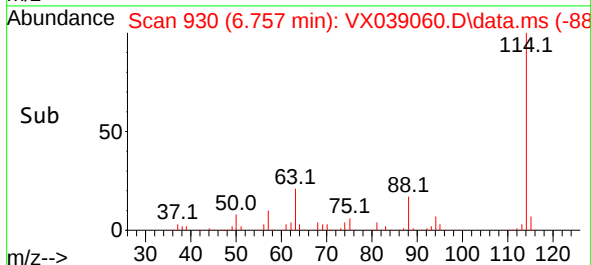
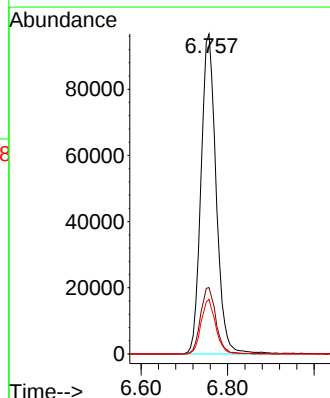
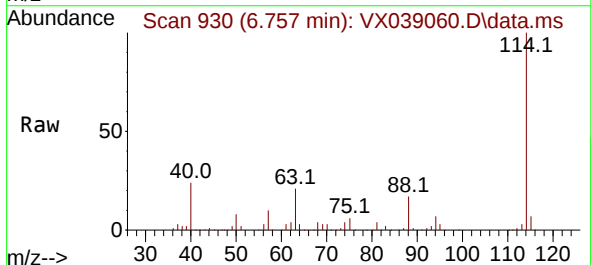
Tgt Ion:114 Resp: 234846

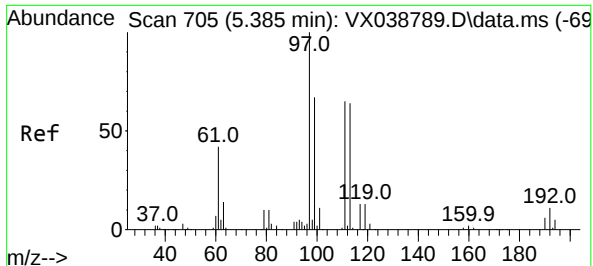
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.474 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

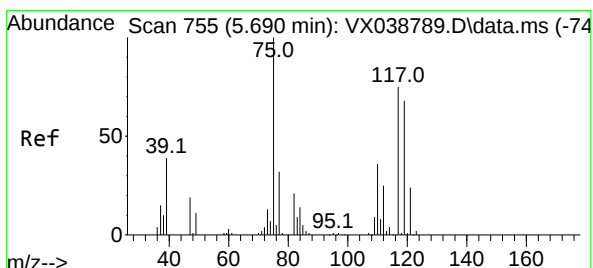
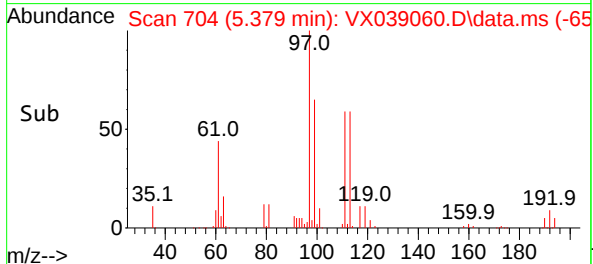
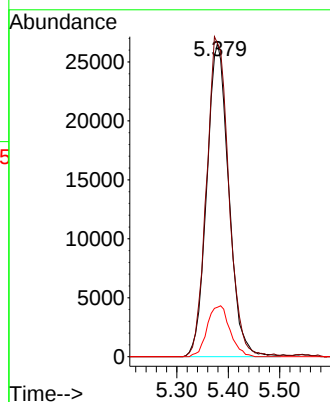
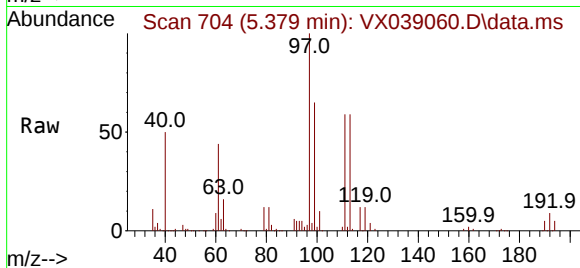
Tgt Ion:	113	Resp:	7882
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#36

1,1-Dichloropropene

Concen: 51.709 ug/l

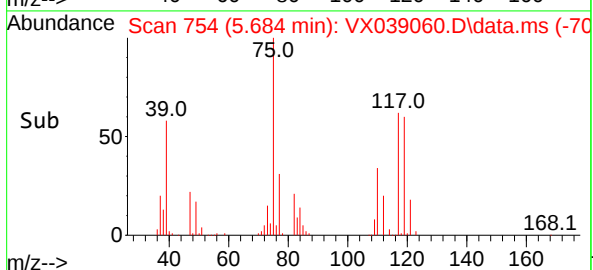
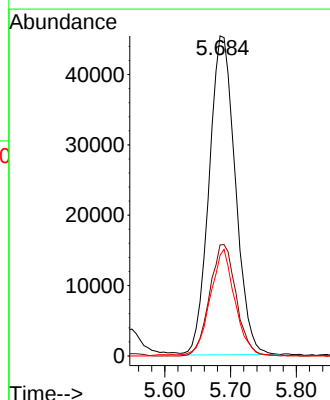
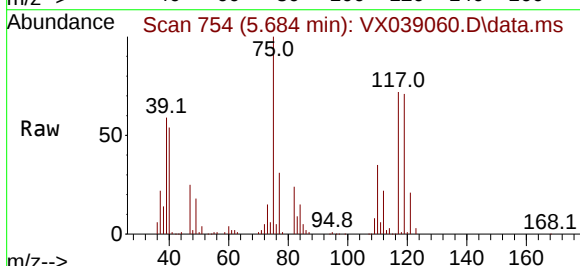
RT: 5.684 min Scan# 754

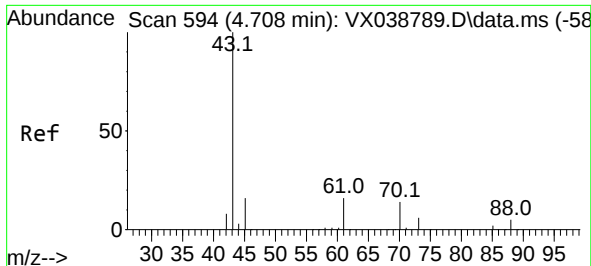
Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

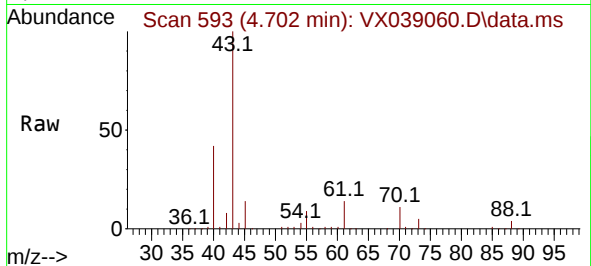
Tgt Ion:	75	Resp:	125700
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.0	50.9
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 52.915 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

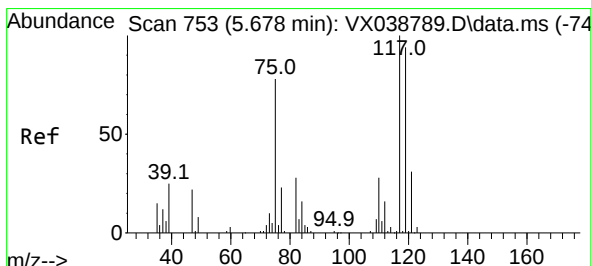
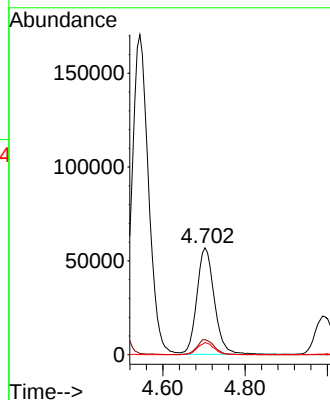
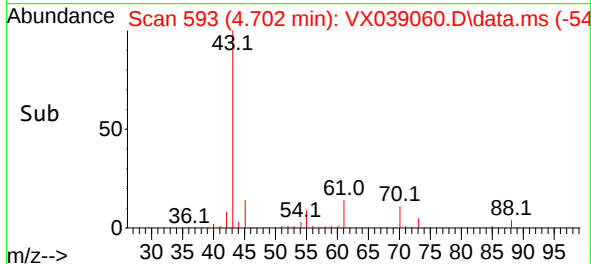
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 167589
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.9 8.3 12.5

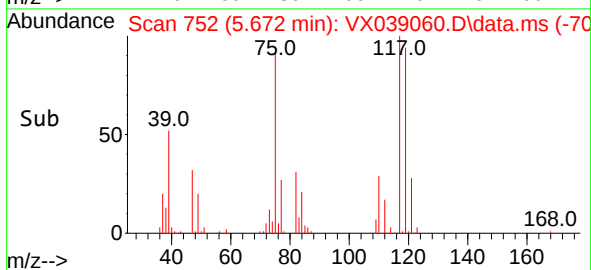
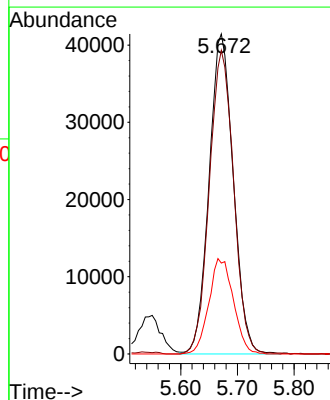
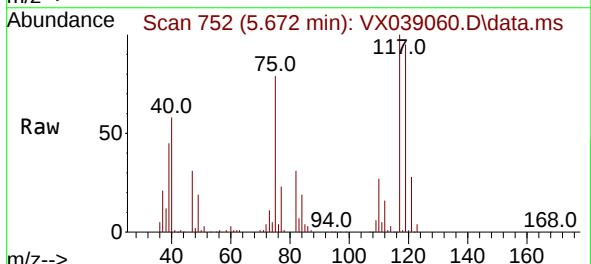
Manual Integrations
APPROVED

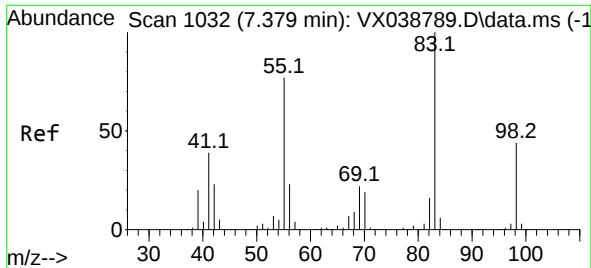
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#38
Carbon Tetrachloride
Concen: 54.486 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:117 Resp: 122414
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.2
121 28.4 24.4 36.6





#39
Methylcyclohexane
Concen: 51.844 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

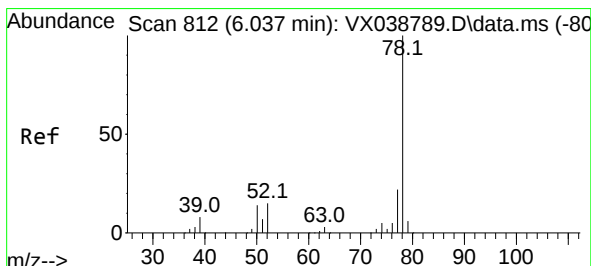
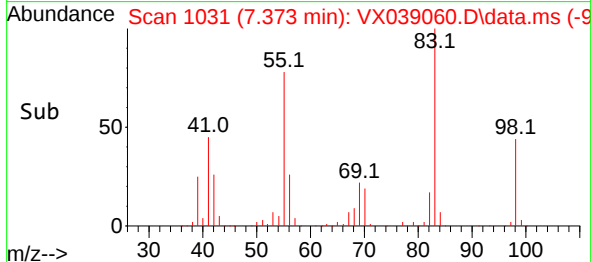
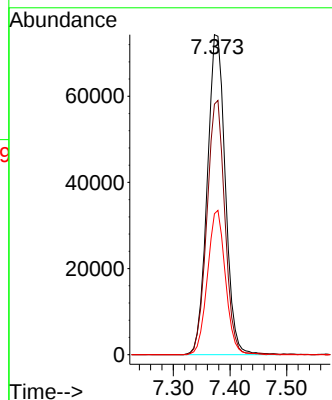
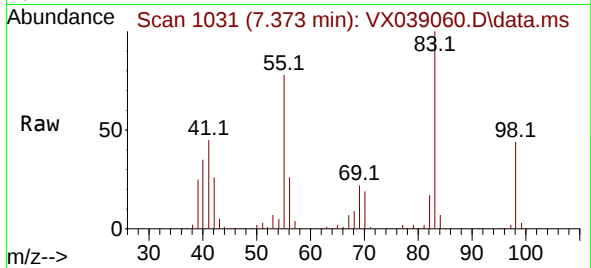
VSTDCCC050

Tgt Ion: 83 Resp: 164392
Ion Ratio Lower Upper
83 100
55 78.3 64.6 97.0
98 44.1 36.7 55.1

Manual Integrations

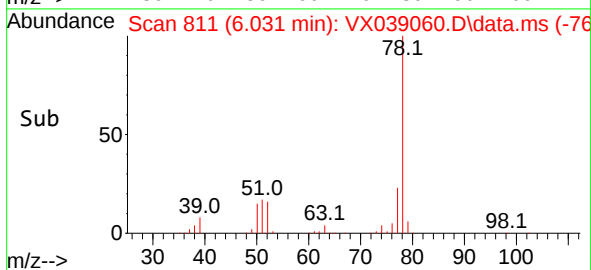
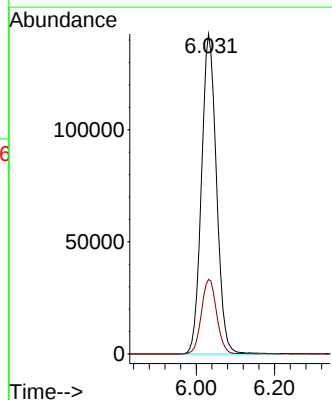
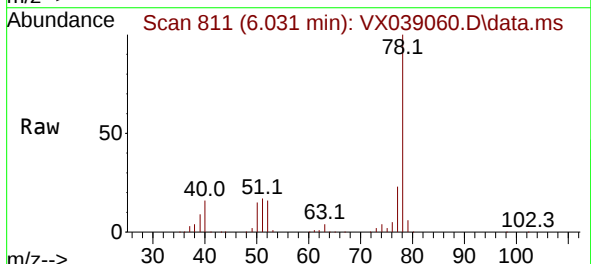
APPROVED

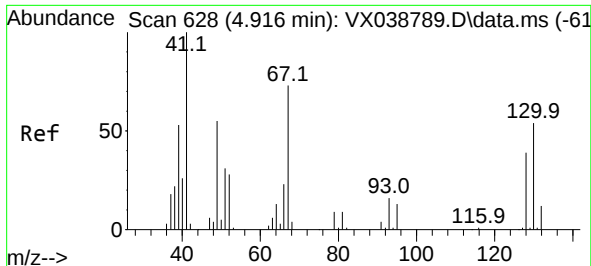
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#40
Benzene
Concen: 52.808 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 78 Resp: 379683
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 52.297 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

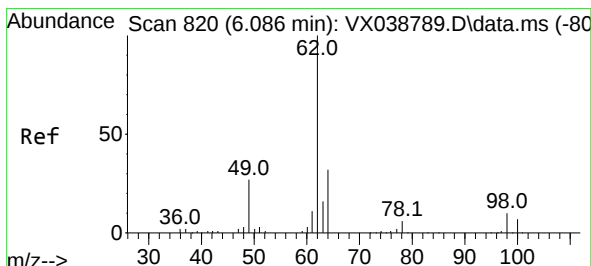
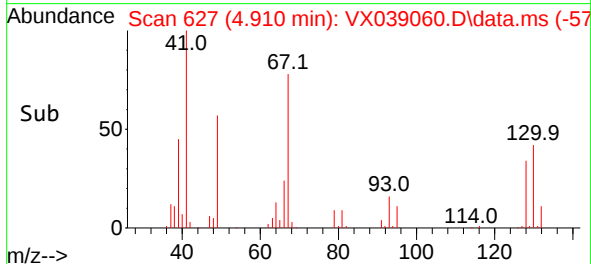
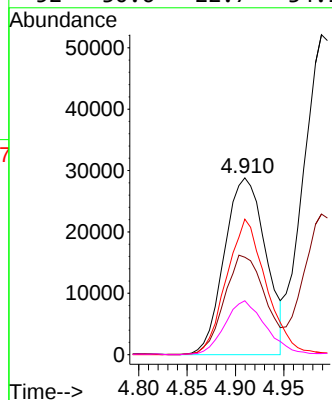
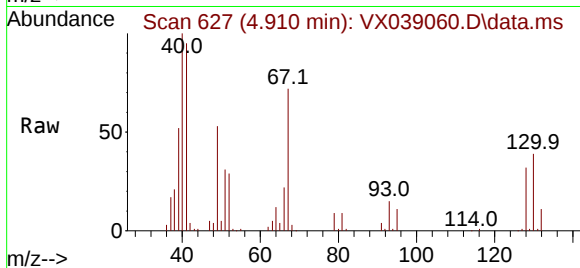
Tgt Ion: 41 Resp: 85904
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 73.8 52.6 78.8
52 30.6 22.7 34.1

Manual Integrations

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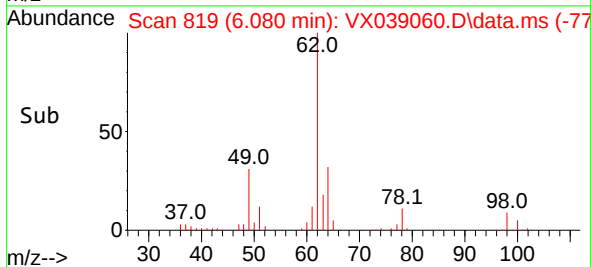
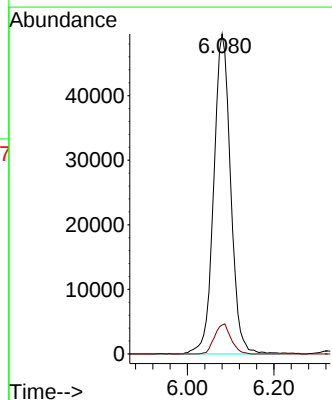
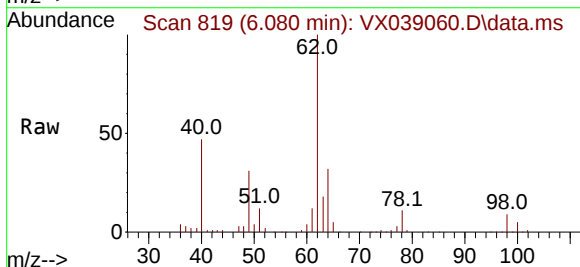
Reviewed By :John Carlone 12/01/2023

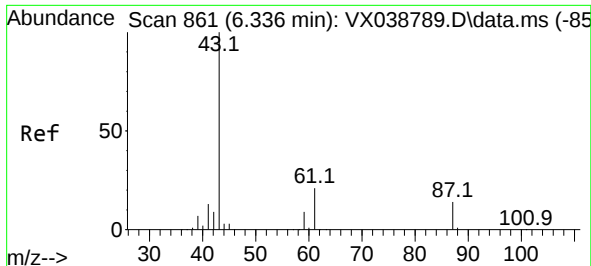
Supervised By :Mahesh Dadoda 12/01/2023



#42
1,2-Dichloroethane
Concen: 56.487 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

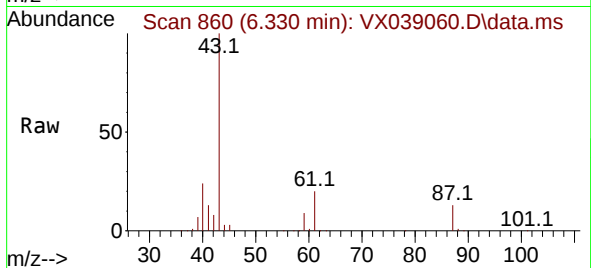
Tgt Ion: 62 Resp: 134559
Ion Ratio Lower Upper
62 100
98 9.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.687 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

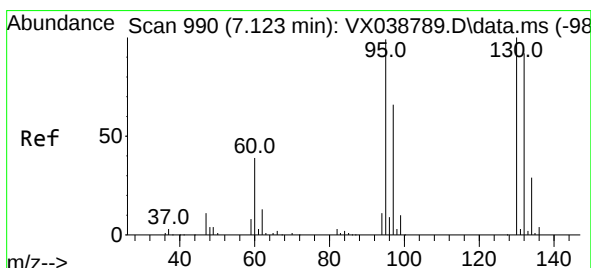
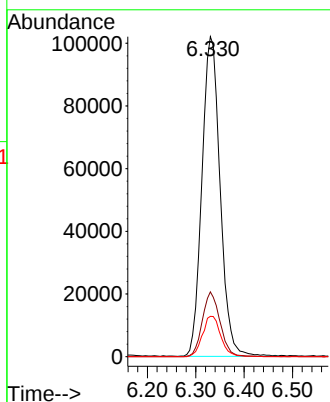
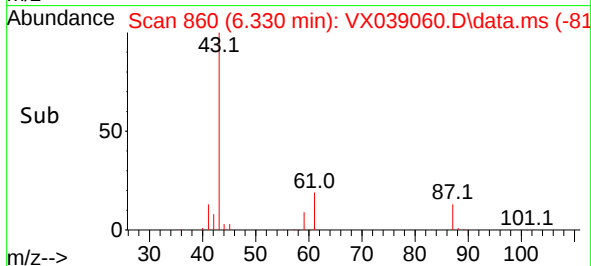
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26667
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 12.7 9.8 14.6

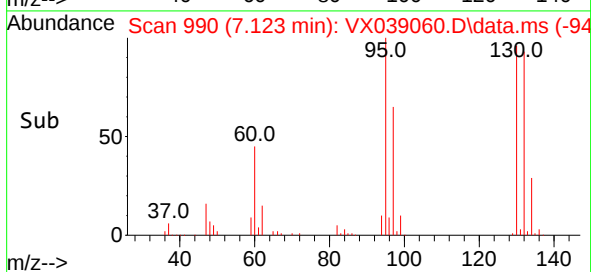
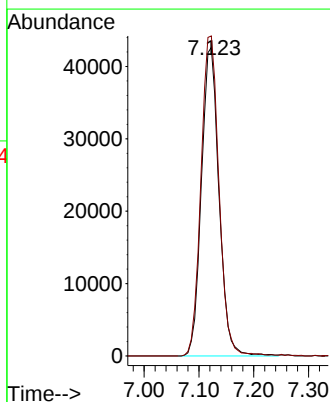
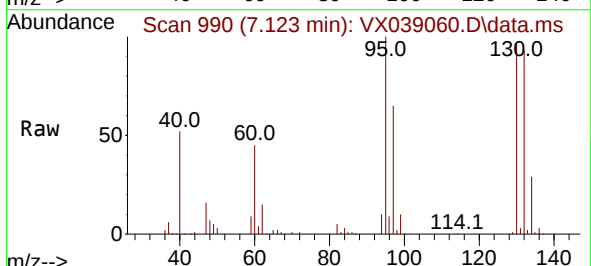
Manual Integrations
APPROVED

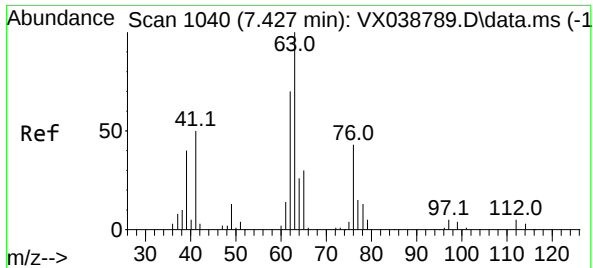
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#44
Trichloroethene
Concen: 54.266 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:130 Resp: 94970
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.066 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10267

Ion Ratio Lower Upper

63 100

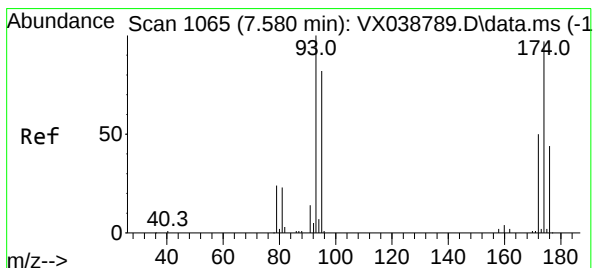
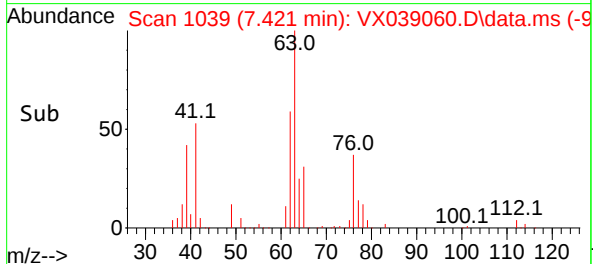
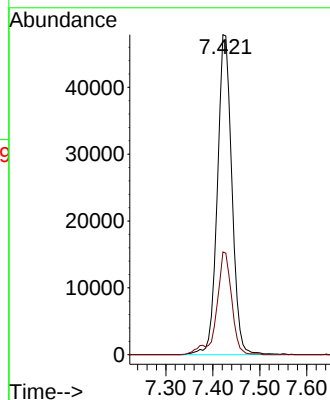
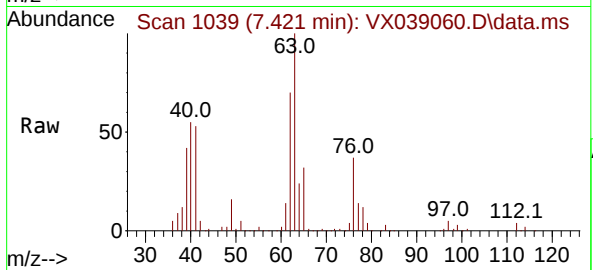
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#46

Dibromomethane

Concen: 54.957 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

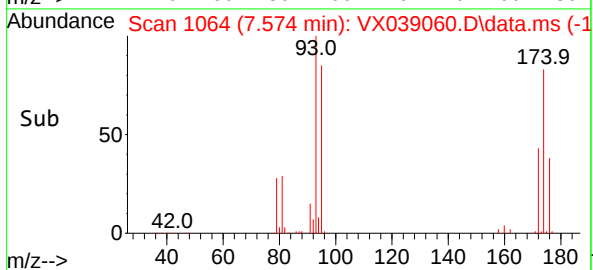
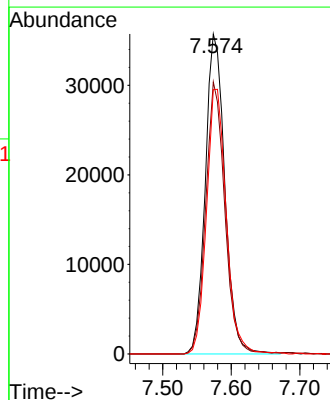
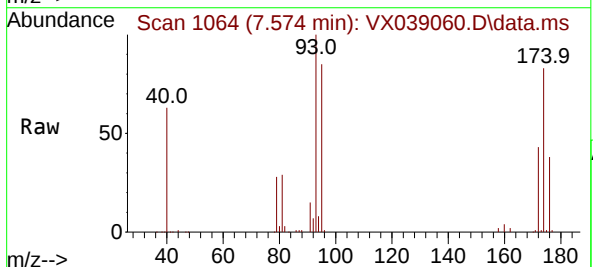
Tgt Ion: 93 Resp: 70912

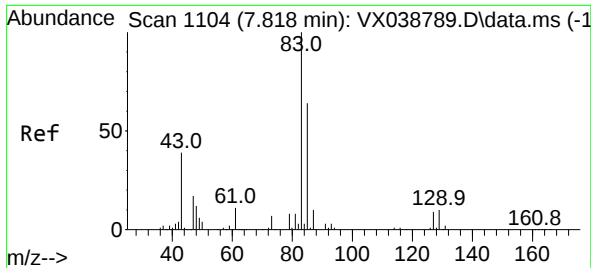
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 83.6 69.4 104.0





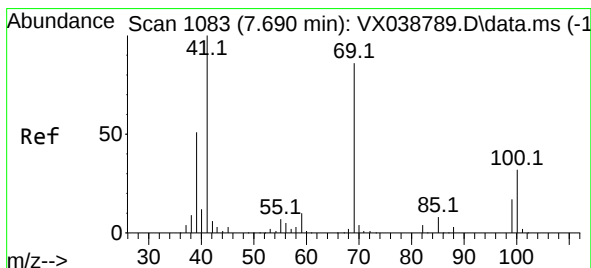
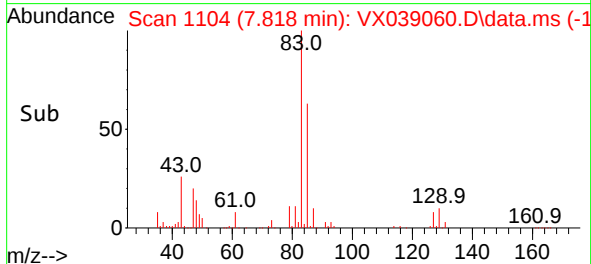
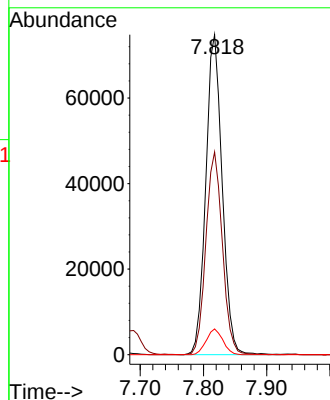
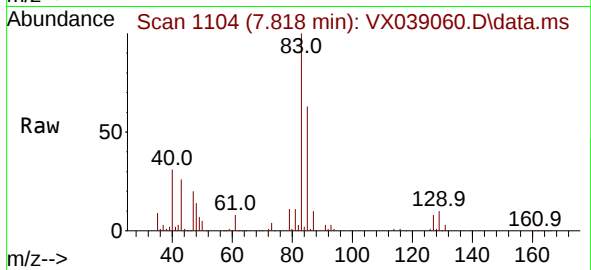
#47
Bromodichloromethane
Concen: 52.696 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 134954
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 8.1 7.1 10.7

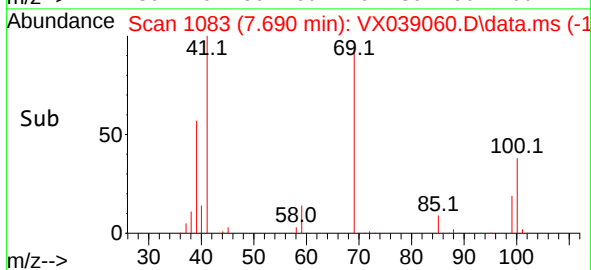
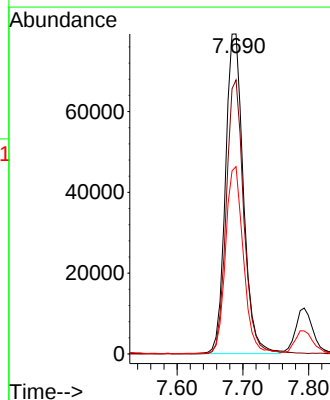
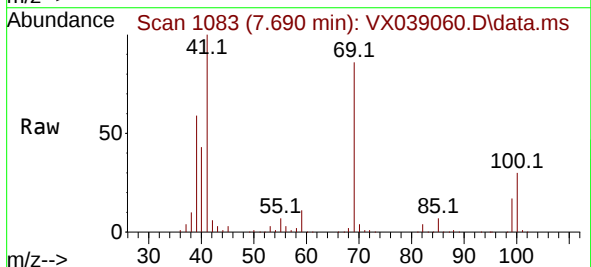
Manual Integrations
APPROVED

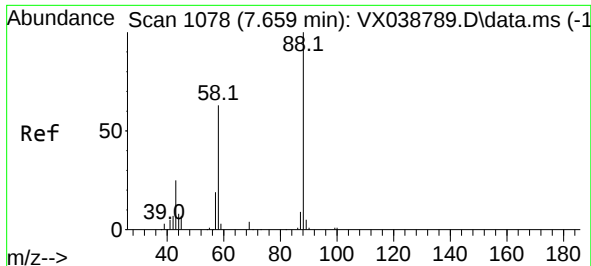
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#48
Methyl methacrylate
Concen: 61.266 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 41 Resp: 150457
Ion Ratio Lower Upper
41 100
69 84.1 59.2 88.8
39 57.9 47.7 71.5





#49

1,4-Dioxane

Concen: 934.359 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

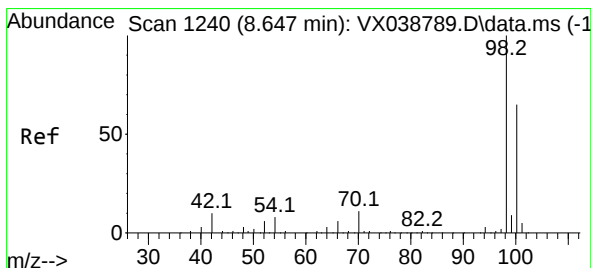
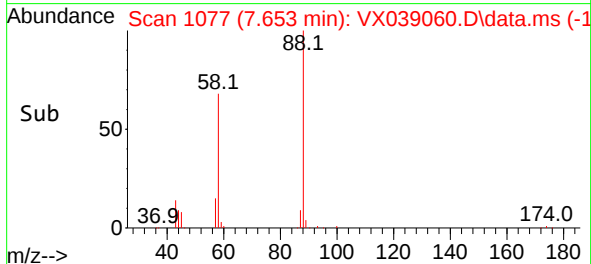
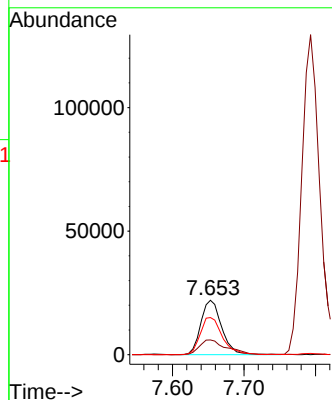
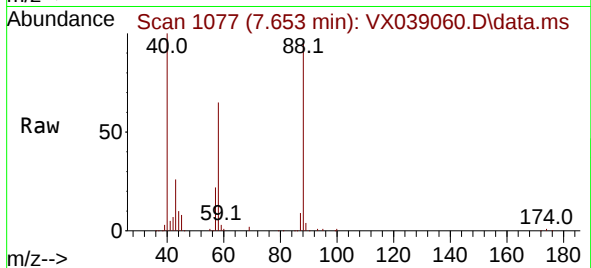
Tgt Ion: 88 Resp: 44392
 Ion Ratio Lower Upper
 88 100
 43 36.2 0.0 0.0
 58 72.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#50

Toluene-d8

Concen: 44.653 ug/l

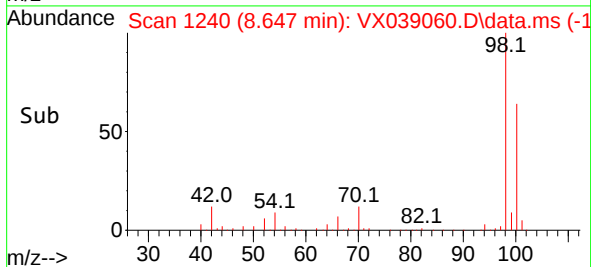
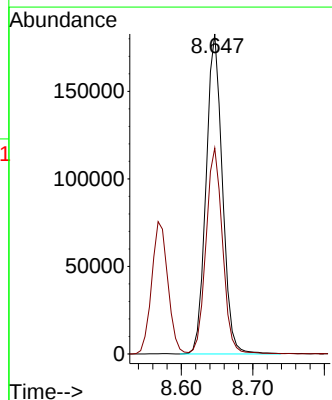
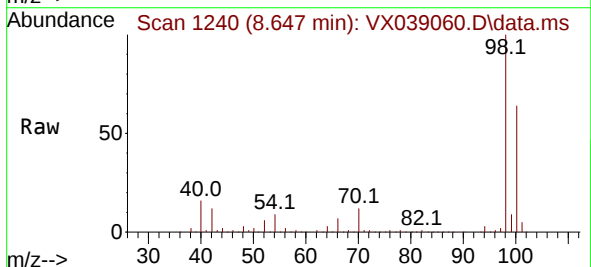
RT: 8.647 min Scan# 1240

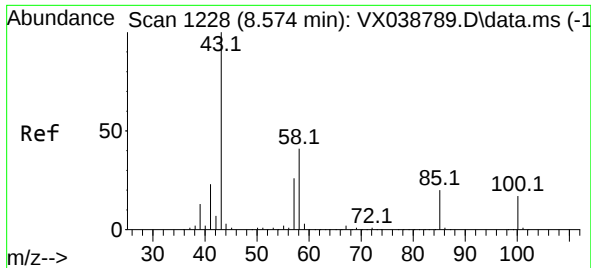
Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

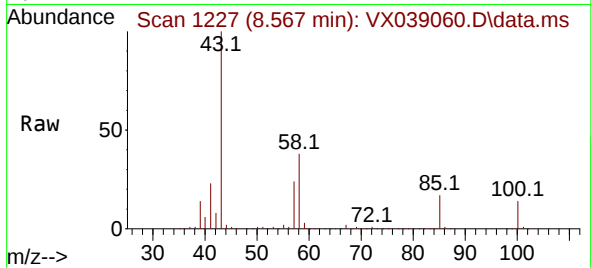
Tgt Ion: 98 Resp: 289774
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 267.712 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

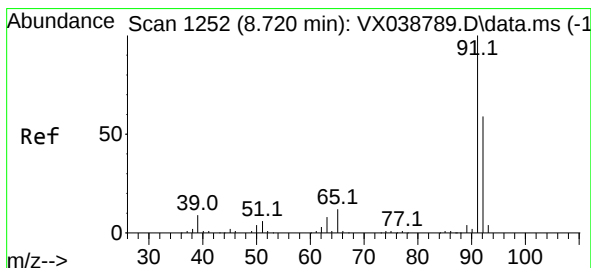
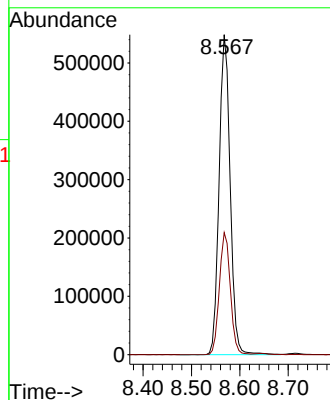
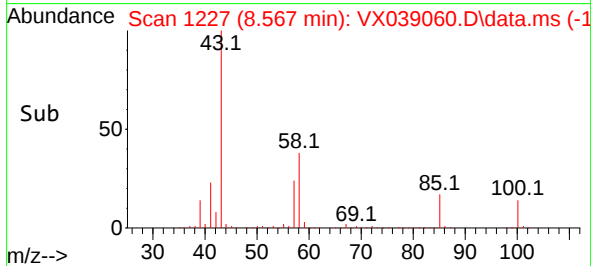
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 865940
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

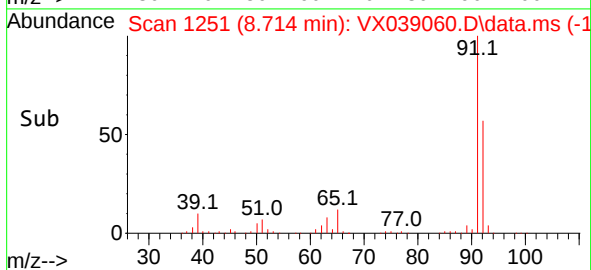
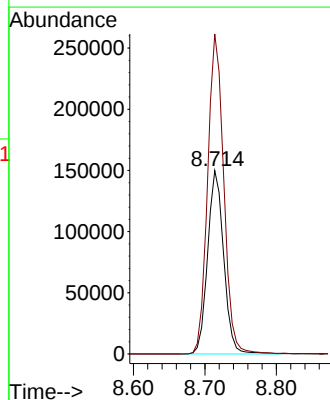
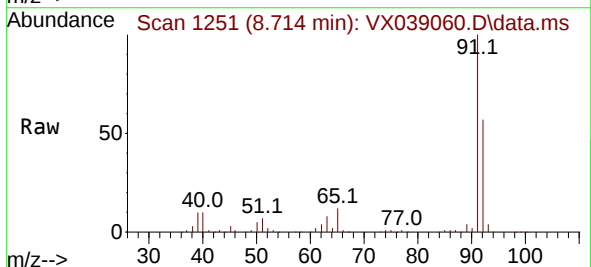
Manual Integrations
APPROVED

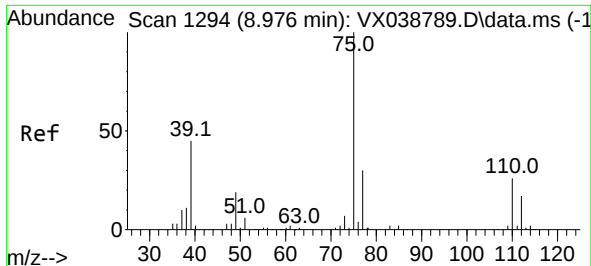
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#52
Toluene
Concen: 52.353 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 92 Resp: 233587
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.027 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 155294

Ion Ratio Lower Upper

75 100

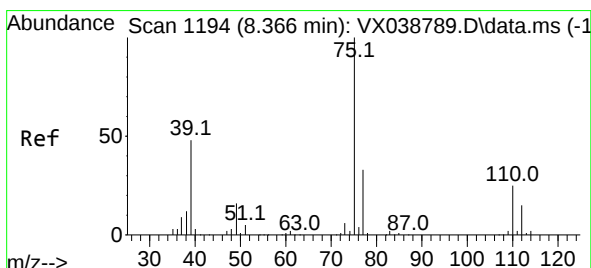
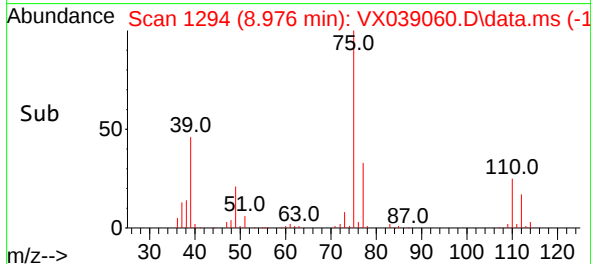
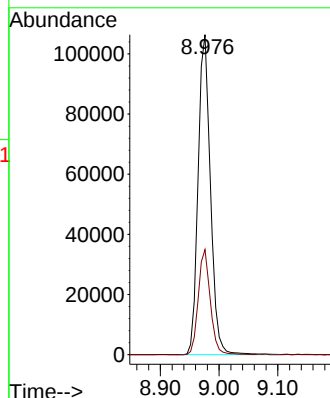
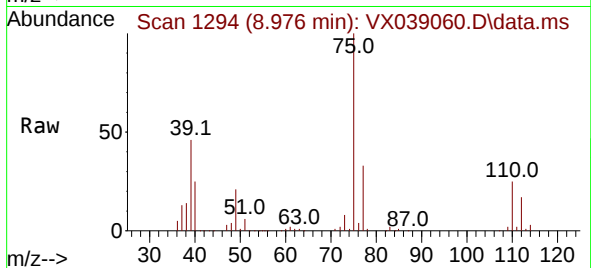
77 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#54

cis-1,3-Dichloropropene

Concen: 52.983 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

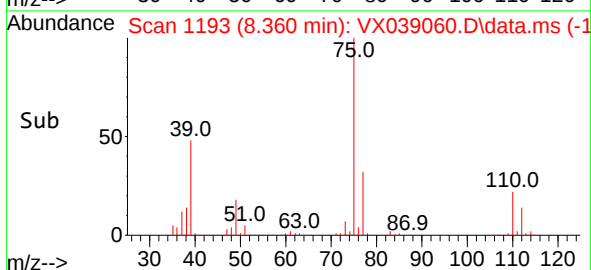
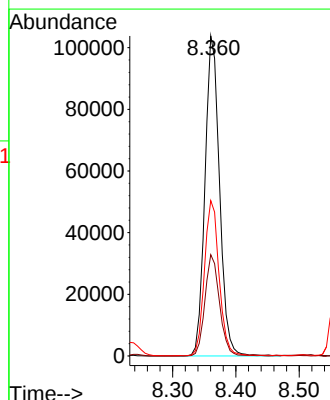
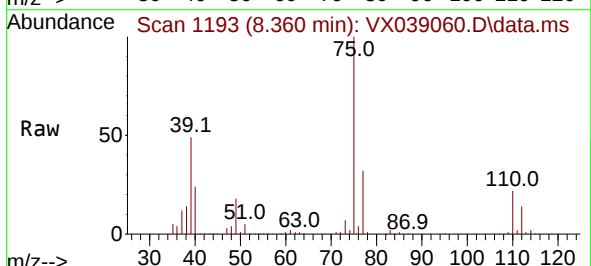
Tgt Ion: 75 Resp: 166561

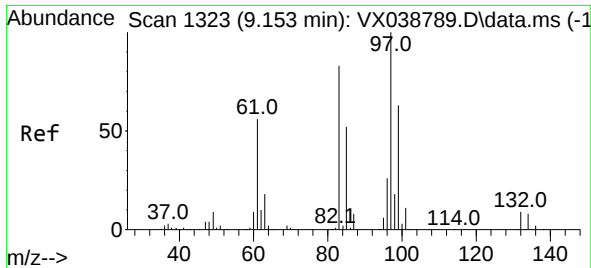
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

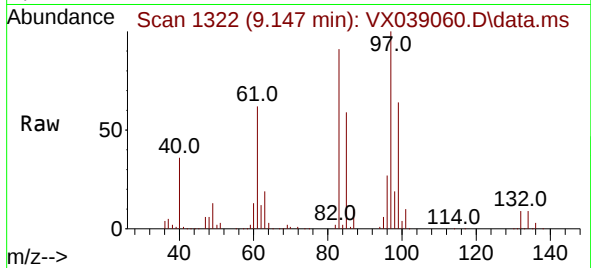
39 48.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.729 ug/l
RT: 9.147 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

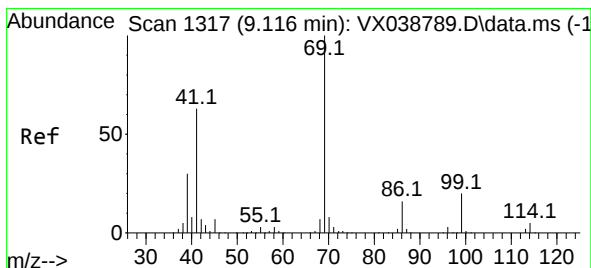
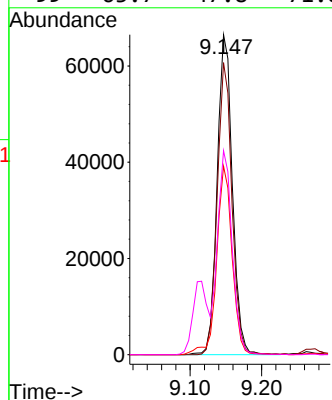
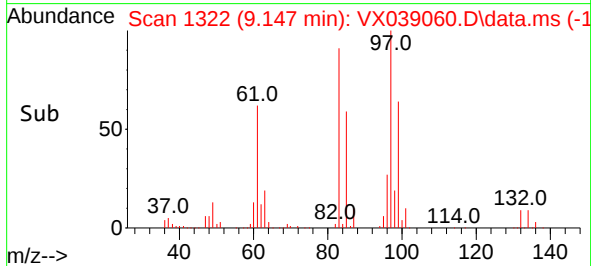
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



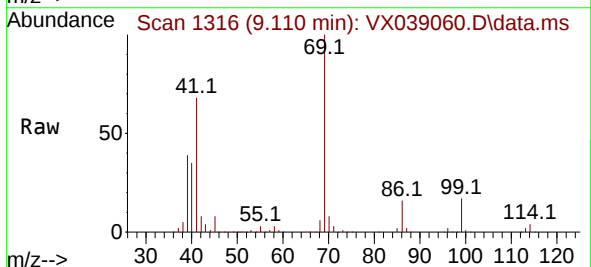
Tgt Ion: 97 Resp: 98164
Ion Ratio Lower Upper
97 100
83 91.3 65.8 98.8
85 58.9 41.6 62.4
99 63.7 47.8 71.8

Manual Integrations
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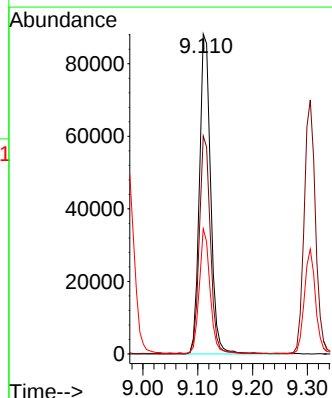
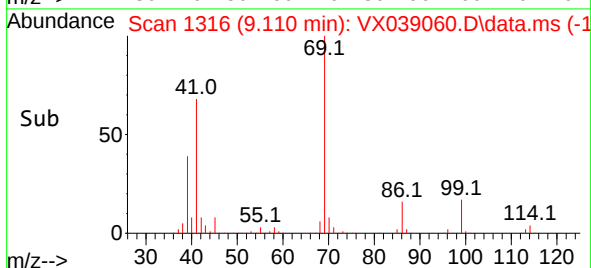
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023

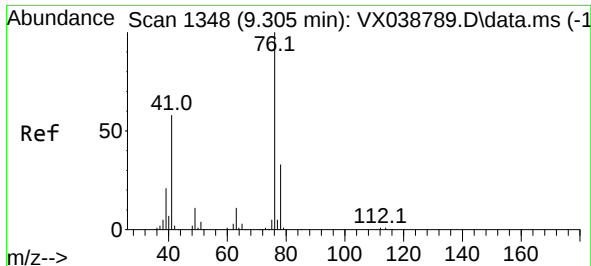


#56
Ethyl methacrylate
Concen: 40.040 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42



Tgt Ion: 69 Resp: 126121
Ion Ratio Lower Upper
69 100
41 67.5 56.8 85.2
39 37.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.227 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16696

Ion Ratio Lower Upper

76 100

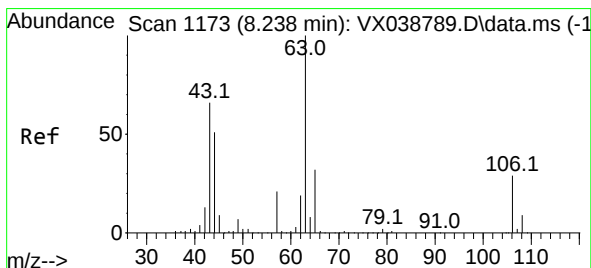
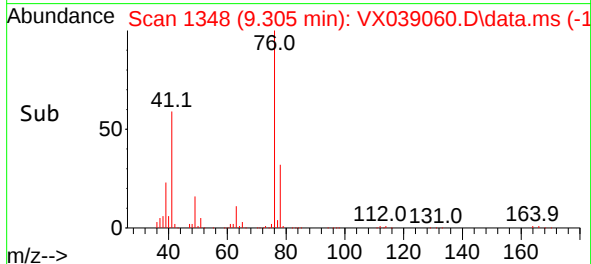
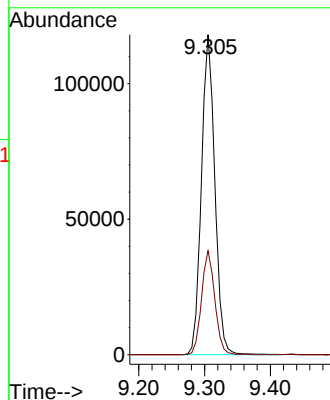
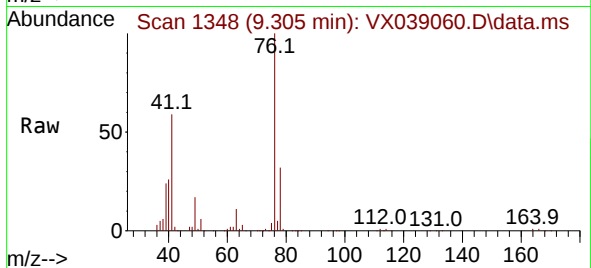
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 235.135 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039060.D

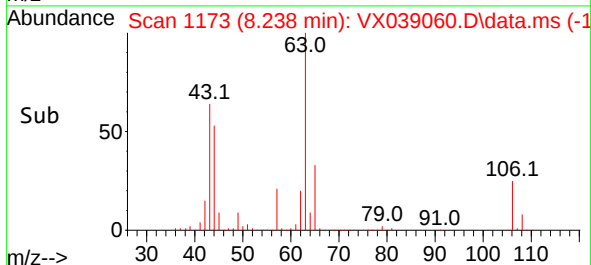
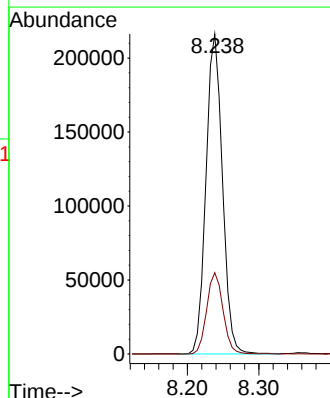
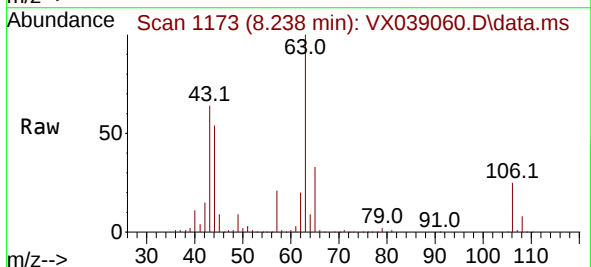
Acq: 30 Nov 2023 11:42

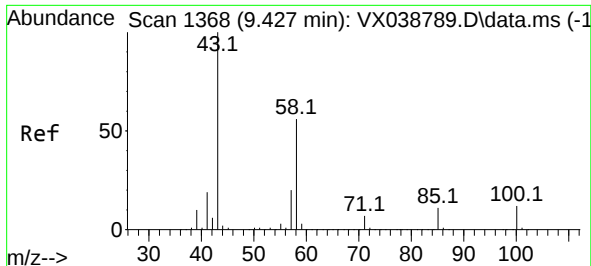
Tgt Ion: 63 Resp: 345027

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





#59

2-Hexanone

Concen: 273.422 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 708879

Ion Ratio Lower Upper

43 100

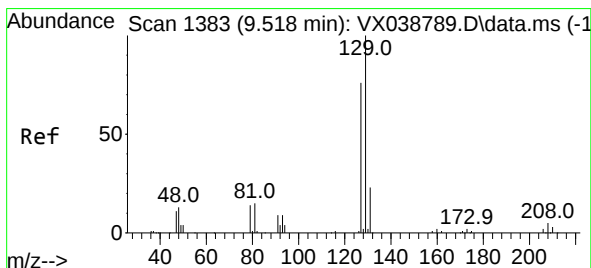
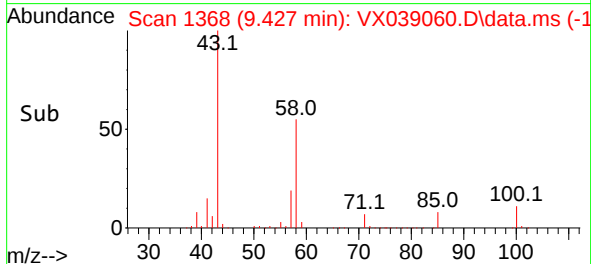
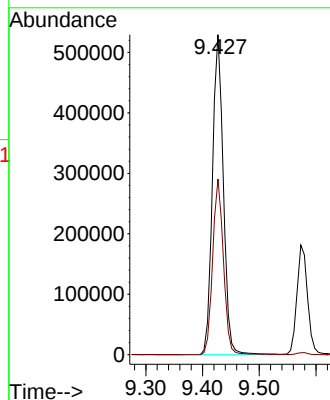
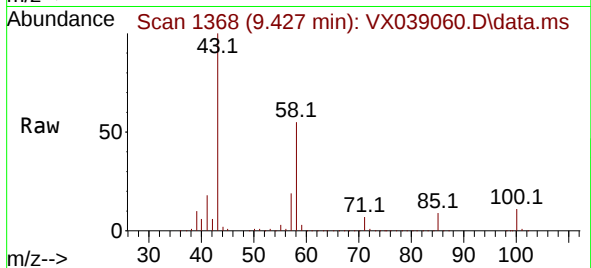
58 54.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#60

Dibromochloromethane

Concen: 53.366 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039060.D

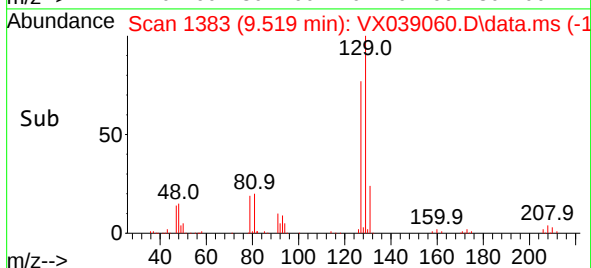
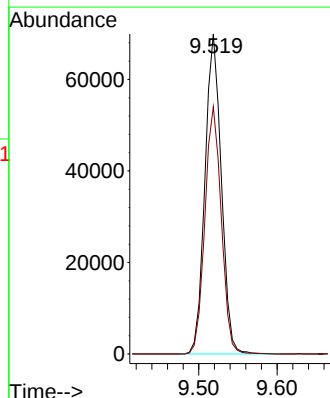
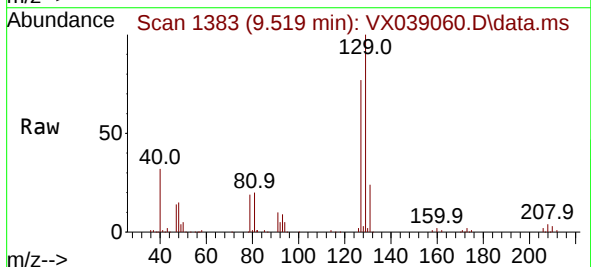
Acq: 30 Nov 2023 11:42

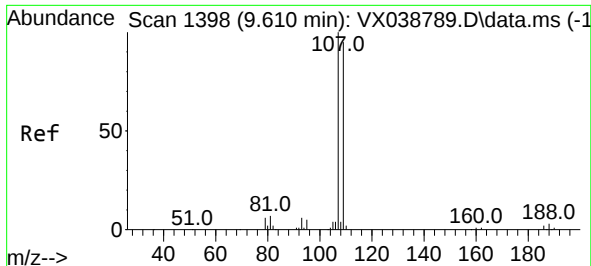
Tgt Ion:129 Resp: 101019

Ion Ratio Lower Upper

129 100

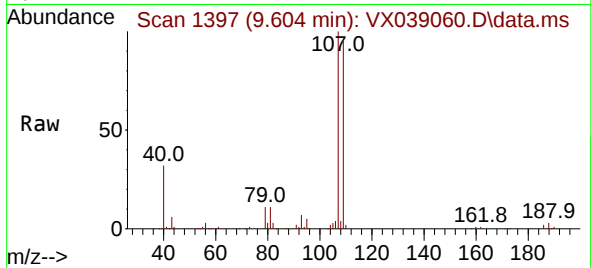
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.726 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

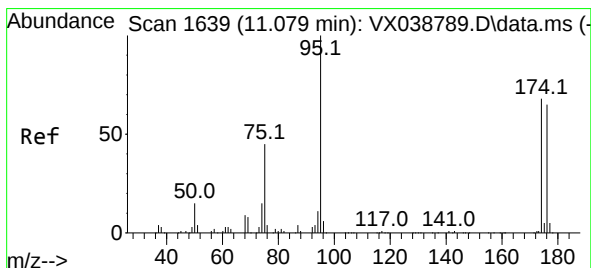
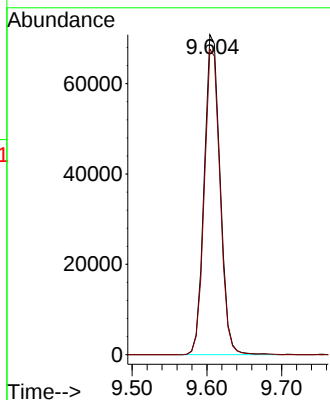
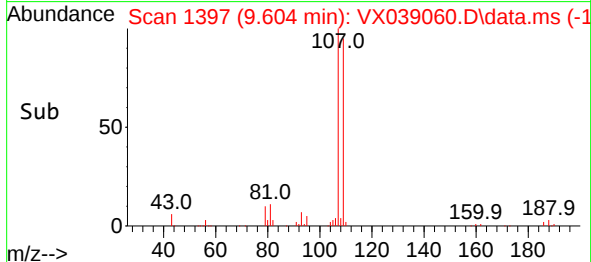
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 10495
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

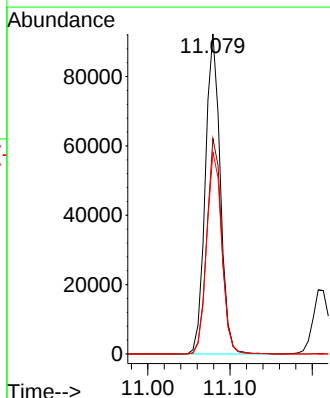
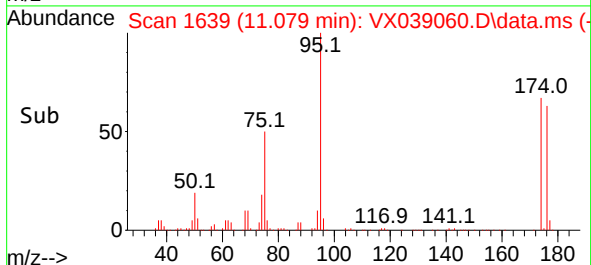
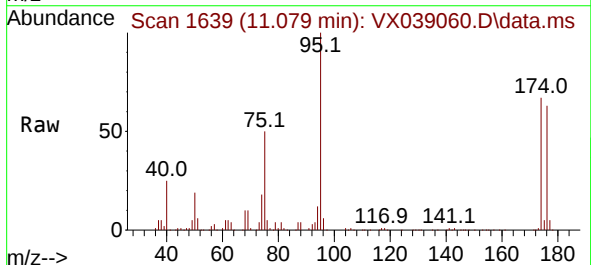
Manual Integrations
APPROVED

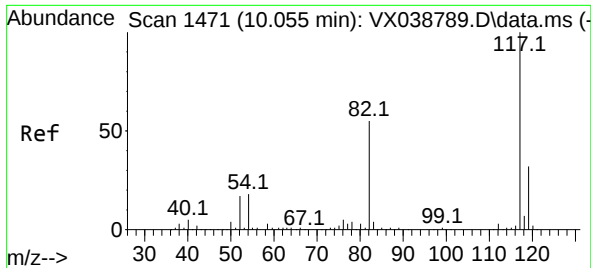
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

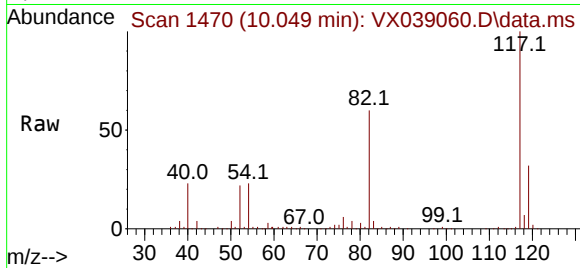
Tgt Ion: 95 Resp: 116422
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 63.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

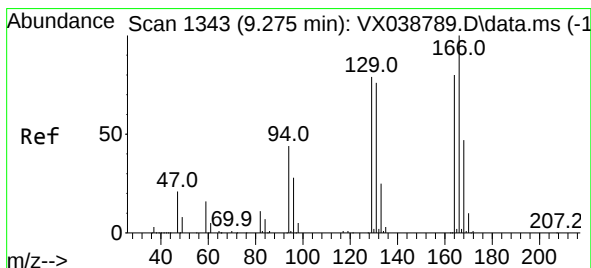
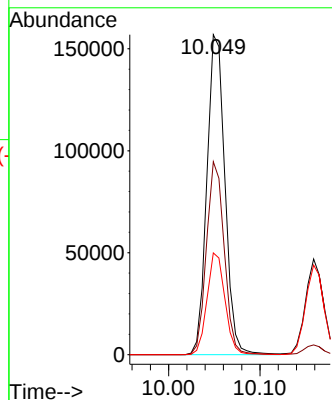
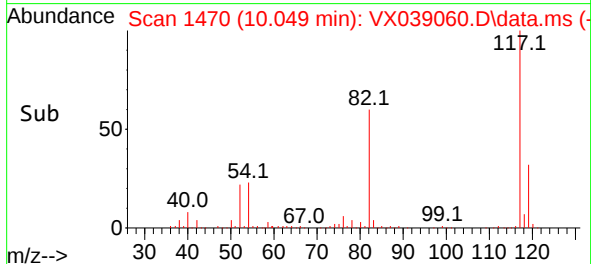
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 214569
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 31.8 25.5 38.3

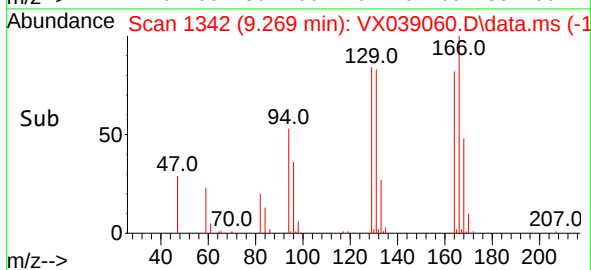
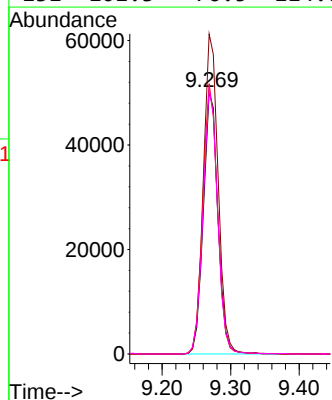
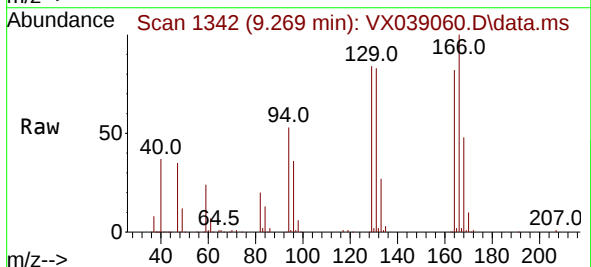
Manual Integrations
APPROVED

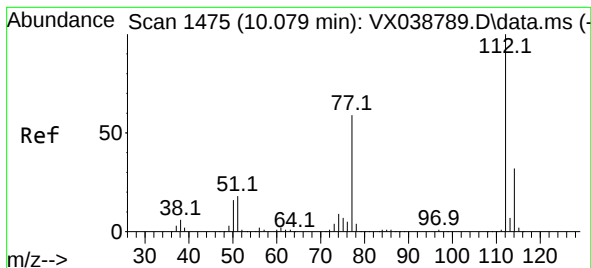
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#64
Tetrachloroethene
Concen: 55.595 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:164 Resp: 74149
Ion Ratio Lower Upper
164 100
166 122.2 102.7 154.1
129 103.2 80.4 120.6
131 101.3 76.5 114.7





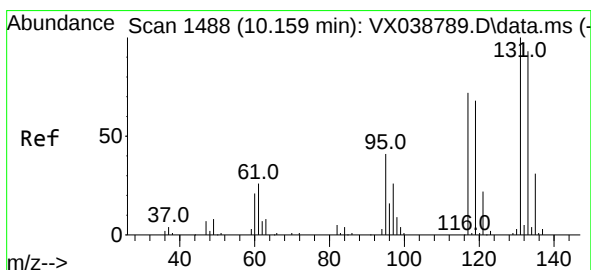
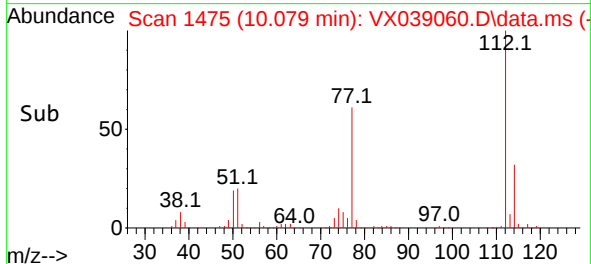
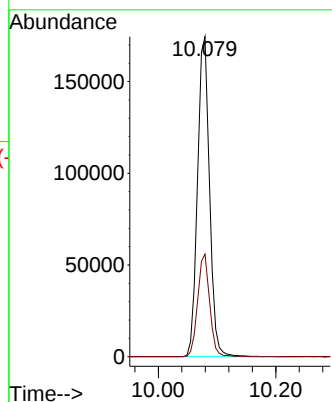
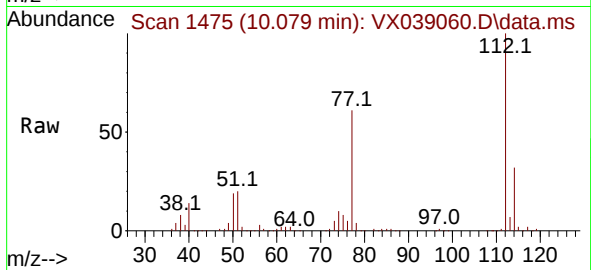
#65
Chlorobenzene
Concen: 53.585 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 247674
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

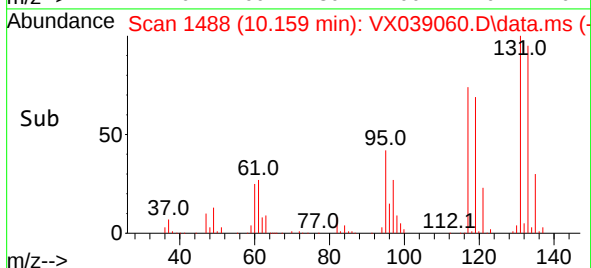
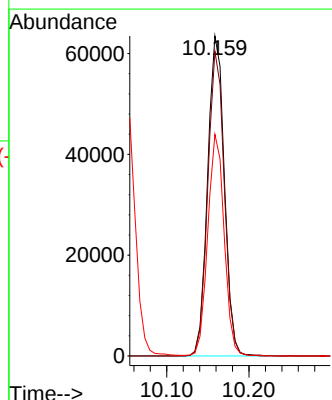
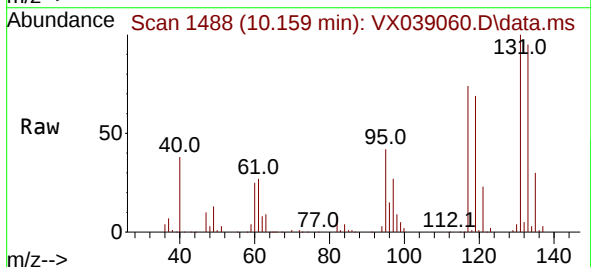
Manual Integrations
APPROVED

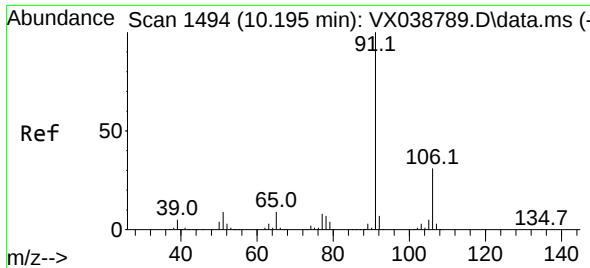
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.107 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

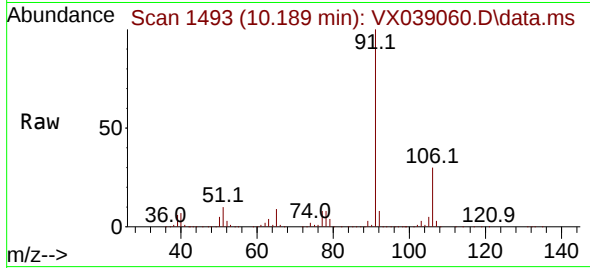
Tgt Ion:131 Resp: 89960
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 67.9 32.2 96.6





#67
Ethyl Benzene
Concen: 54.272 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

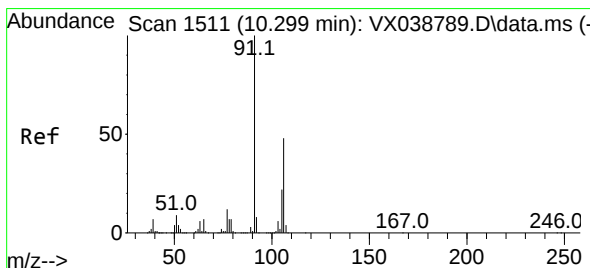
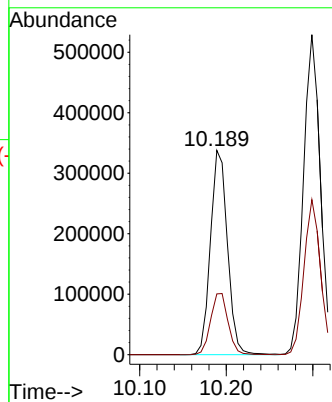
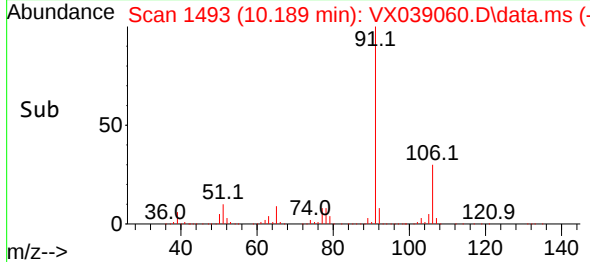
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



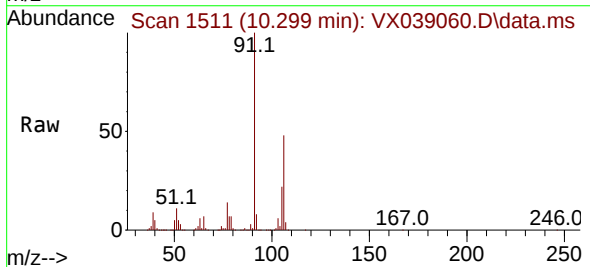
Tgt Ion: 91 Resp: 46087
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

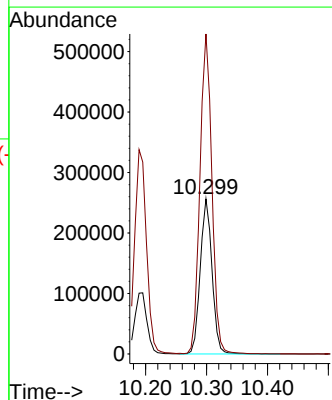
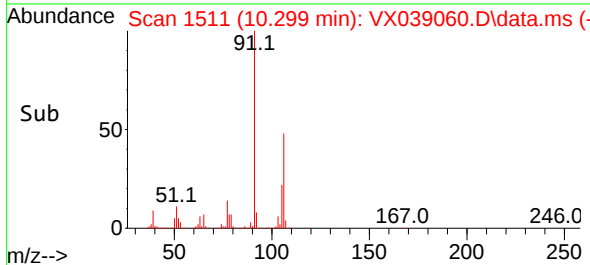
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023

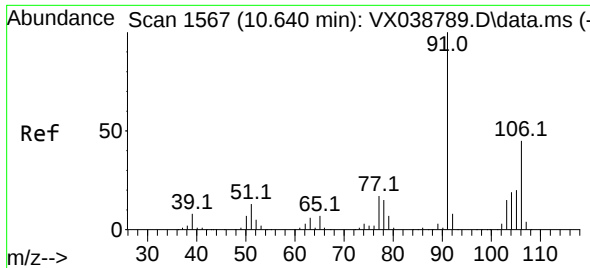


#68
m/p-Xylenes
Concen: 106.910 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42



Tgt Ion:106 Resp: 343426
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3





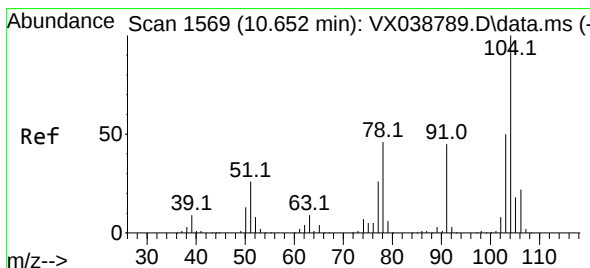
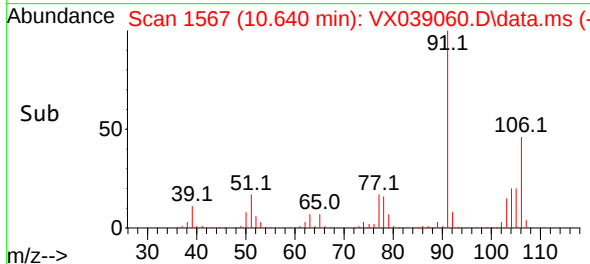
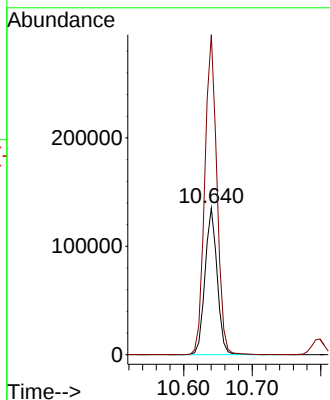
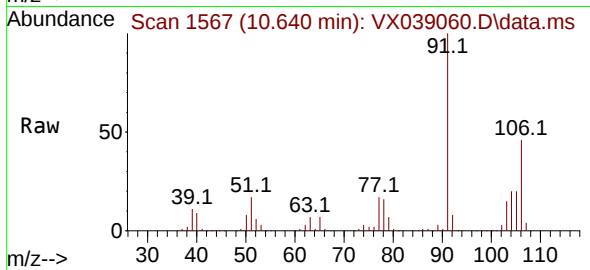
#69
o-Xylene
Concen: 52.372 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16646
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.8

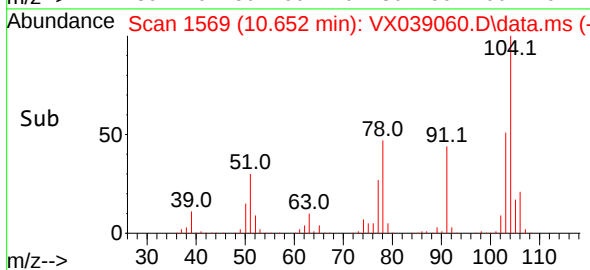
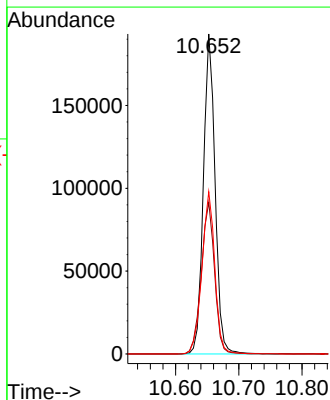
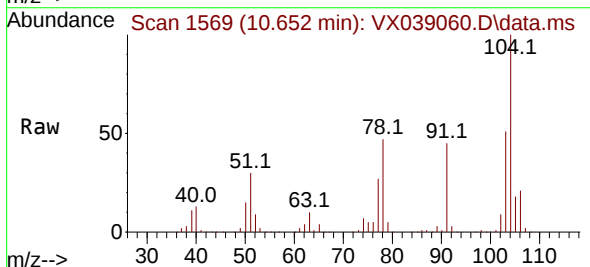
Manual Integrations
APPROVED

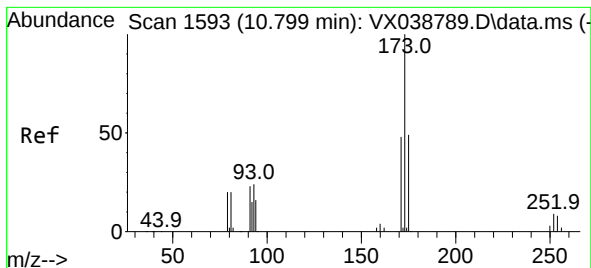
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#70
Styrene
Concen: 46.418 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:104 Resp: 249177
Ion Ratio Lower Upper
104 100
78 53.8 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 52.429 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

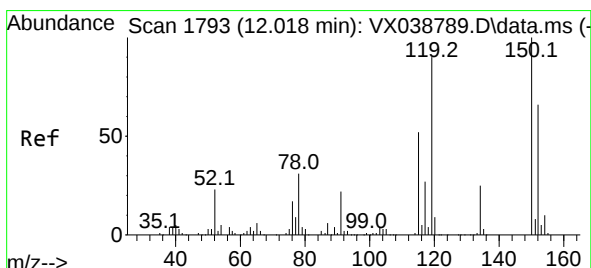
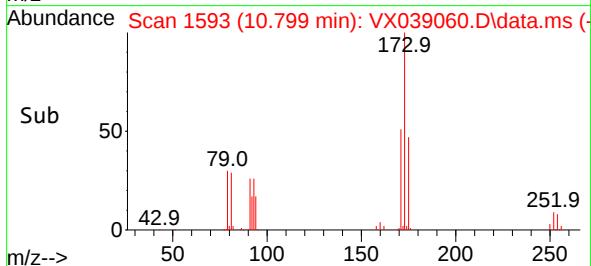
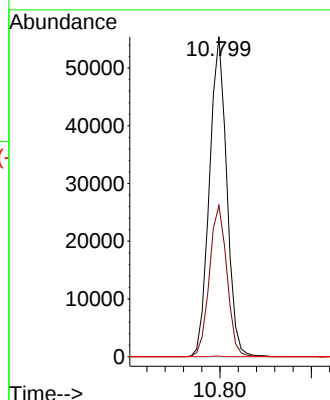
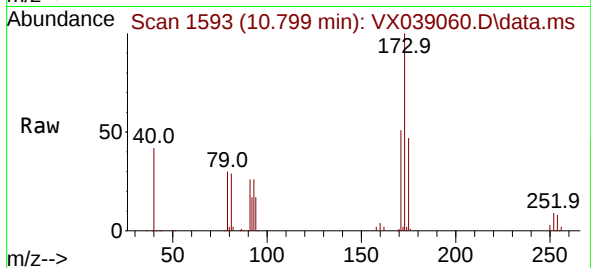
Tgt Ion:173	Resp:	7266
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

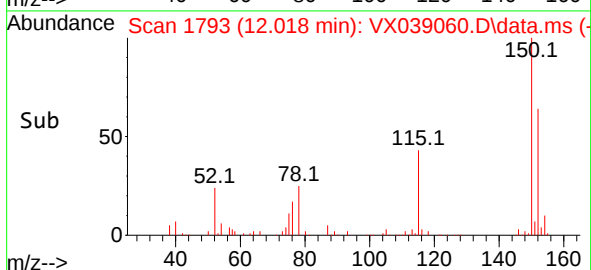
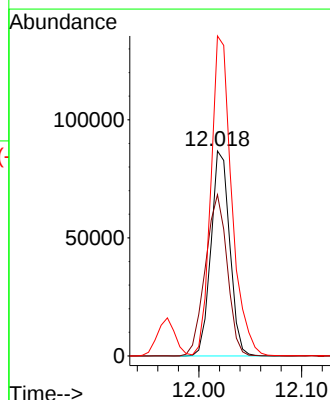
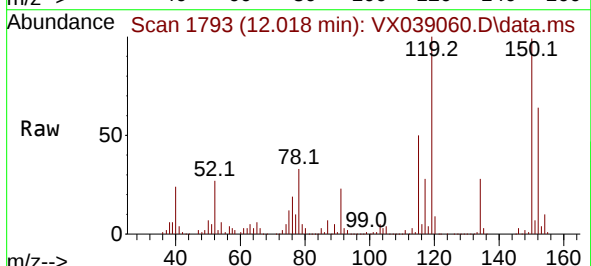
RT: 12.018 min Scan# 1793

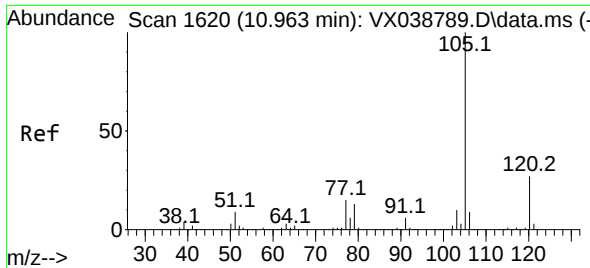
Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Tgt Ion:152	Resp:	109720
Ion Ratio	Lower	Upper
152	100	
115	91.9	43.3 129.9
150	173.4	0.0 345.0





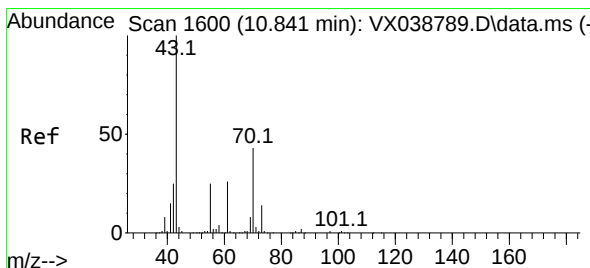
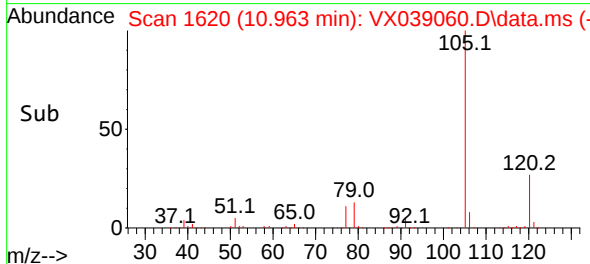
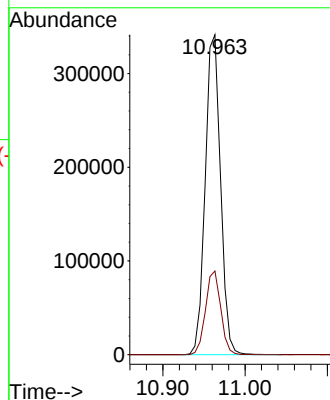
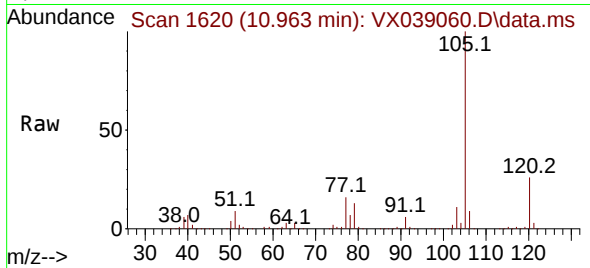
#73
Isopropylbenzene
Concen: 51.788 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 442724
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

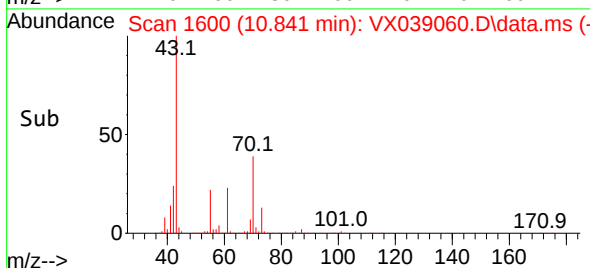
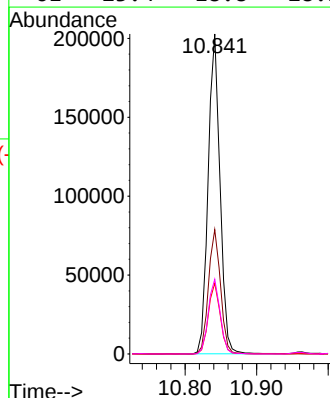
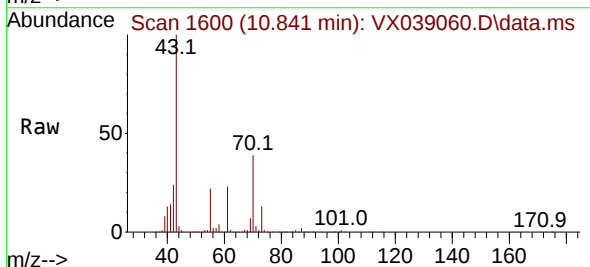
Manual Integrations
APPROVED

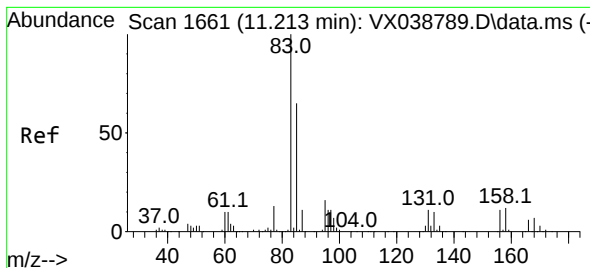
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#74
N-ethyl acetate
Concen: 51.783 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 234007
Ion Ratio Lower Upper
43 100
70 39.5 32.9 49.3
55 22.3 19.3 28.9
61 23.4 18.8 28.2





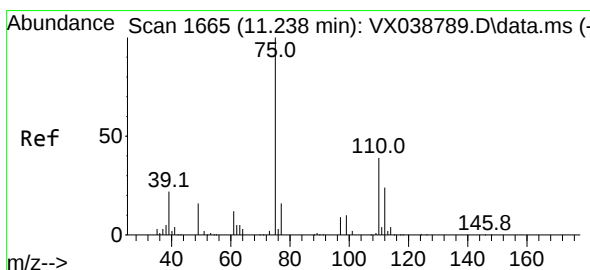
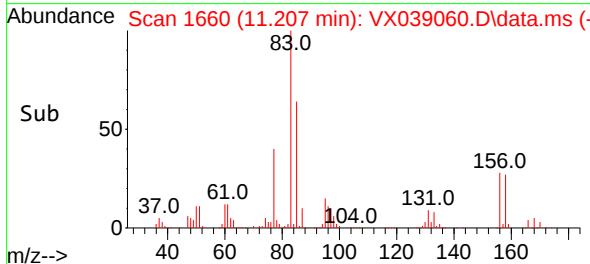
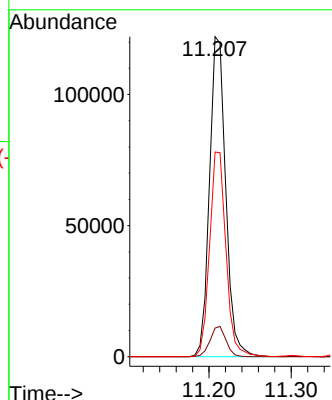
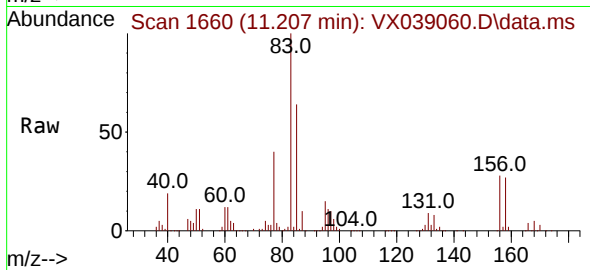
#75
1,1,2,2-Tetrachloroethane
Concen: 50.171 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 16742
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.4 32.0 96.2

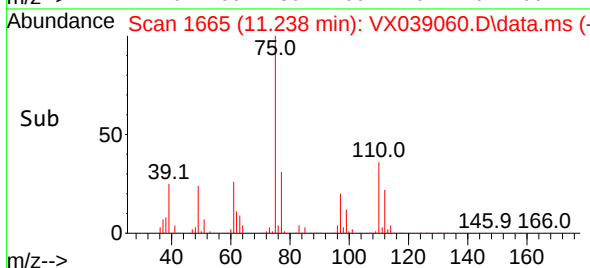
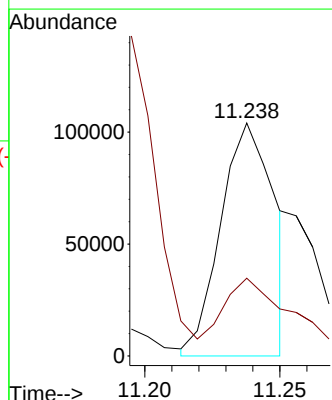
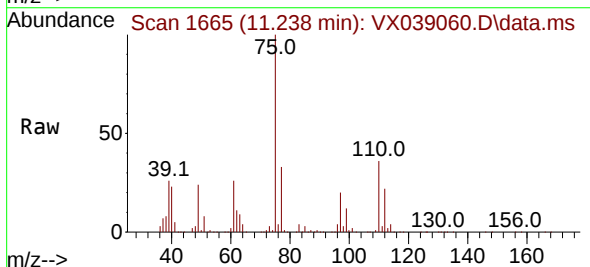
Manual Integrations
APPROVED

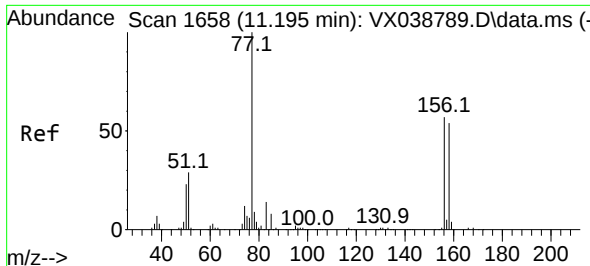
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#76
1,2,3-Trichloropropane
Concen: 52.393 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

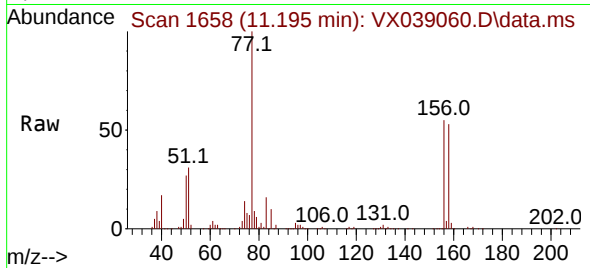
Tgt Ion: 75 Resp: 143425
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77
Bromobenzene
Concen: 51.575 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

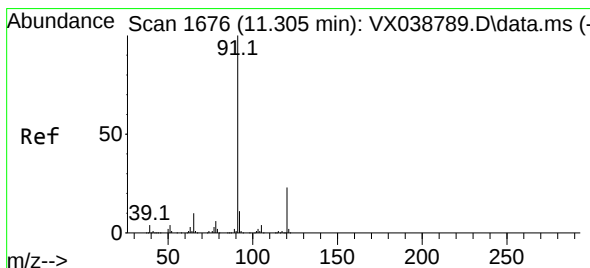
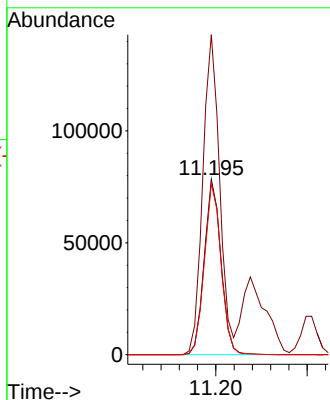
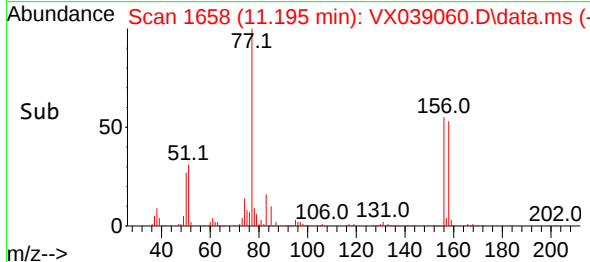
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



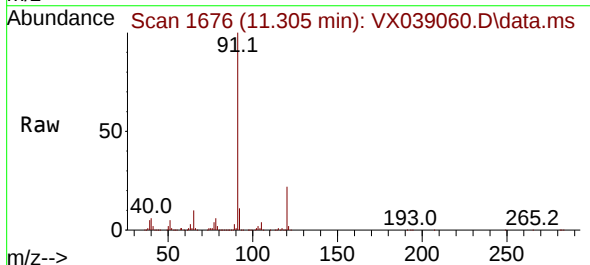
Tgt Ion:156 Resp: 99070
Ion Ratio Lower Upper
156 100
77 184.3 88.4 265.3
158 97.4 48.0 144.0

Manual Integrations
APPROVED

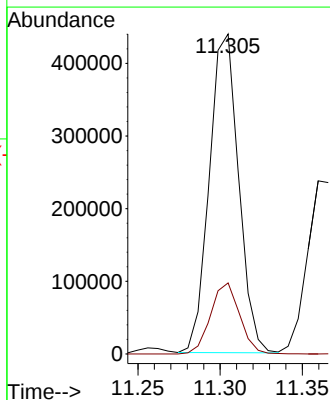
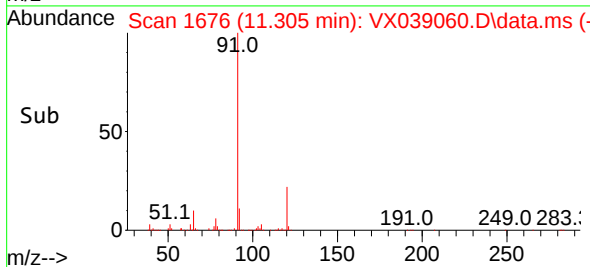
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023

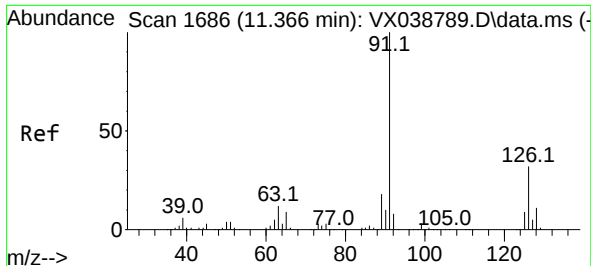


#78
n-propylbenzene
Concen: 51.768 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42



Tgt Ion: 91 Resp: 544738
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





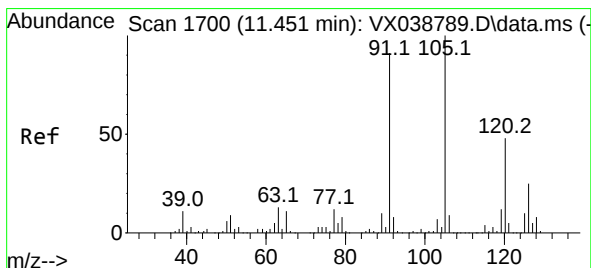
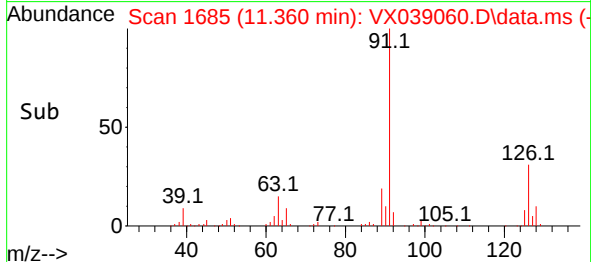
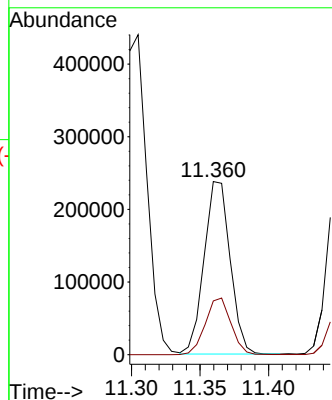
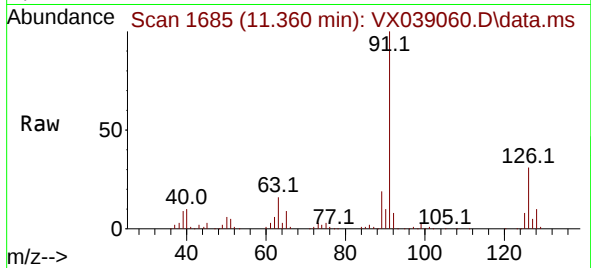
#79
2-Chlorotoluene
Concen: 50.371 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 314550
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

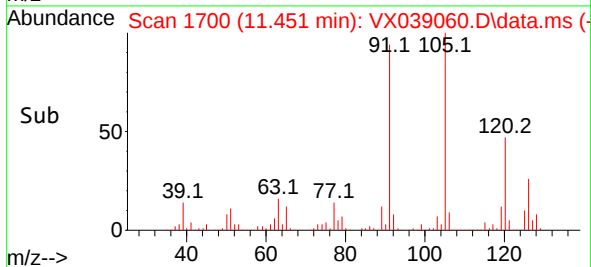
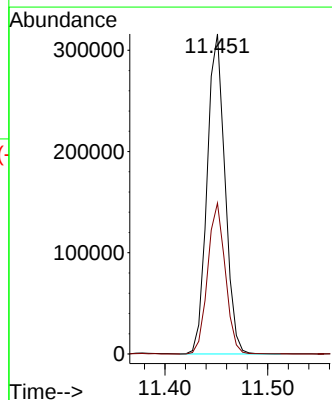
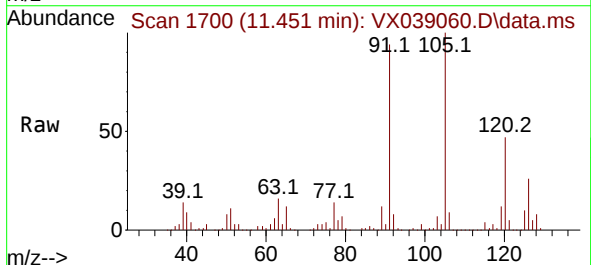
Manual Integrations
APPROVED

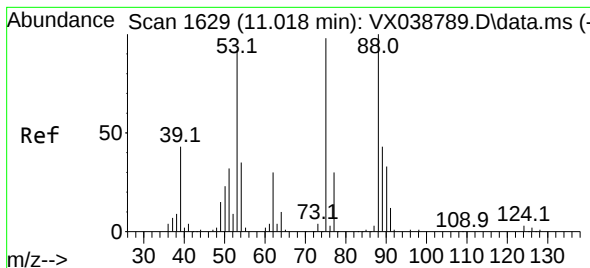
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.105 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:105 Resp: 381717
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





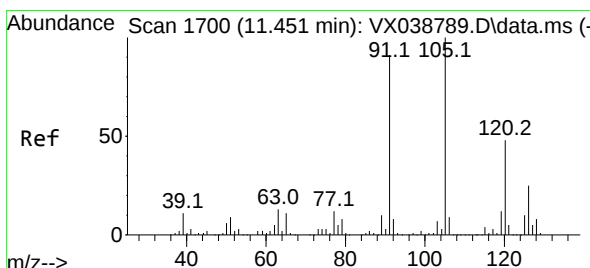
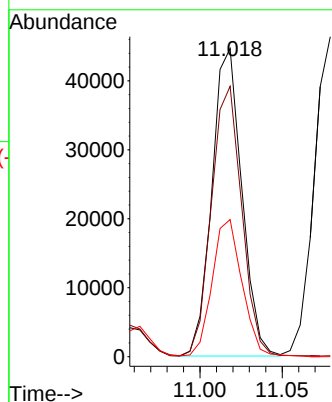
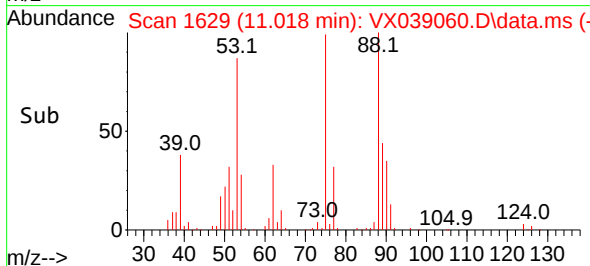
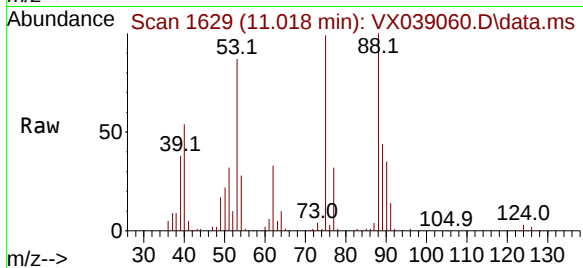
#81
trans-1,4-Dichloro-2-butene
Concen: 45.783 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56504
Ion Ratio Lower Upper
75 100
53 88.6 90.5 135.7
89 44.8 36.9 55.3

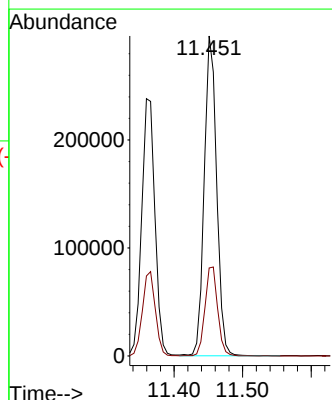
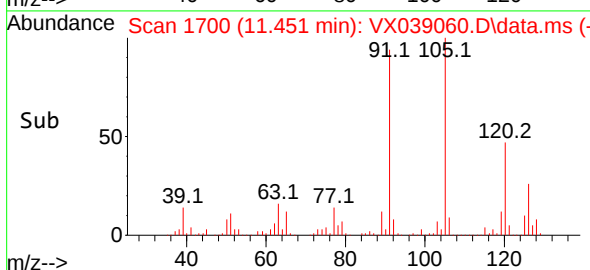
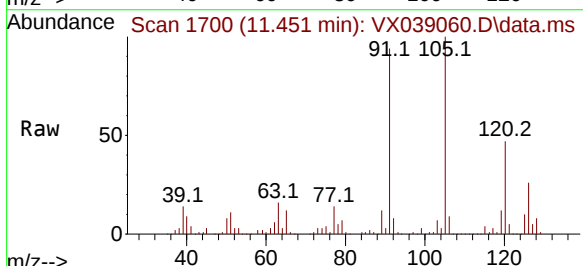
Manual Integrations
APPROVED

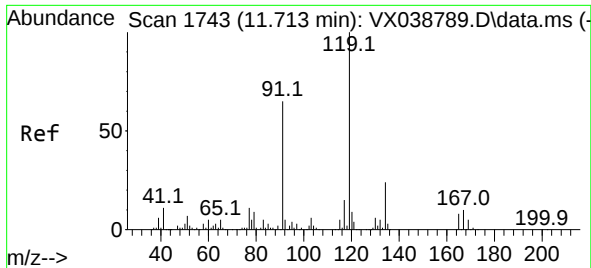
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#82
4-Chlorotoluene
Concen: 51.889 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

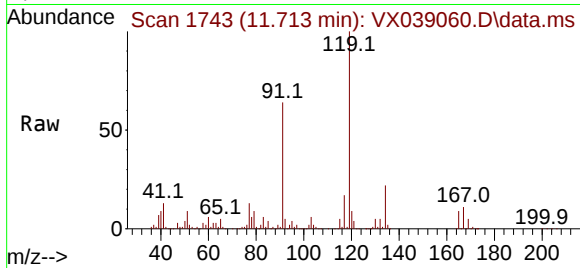
Tgt Ion: 91 Resp: 373624
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.659 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

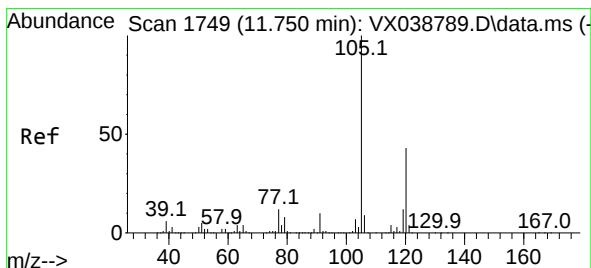
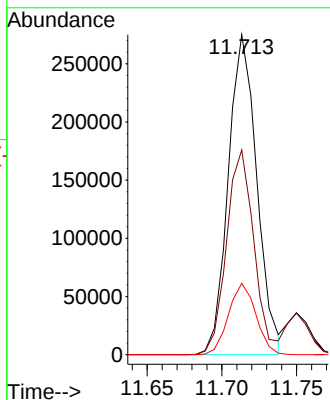
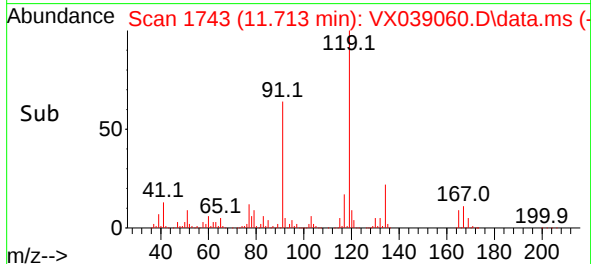
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 365700
Ion Ratio Lower Upper
119 100
91 61.4 31.2 93.6
134 21.4 11.7 35.0

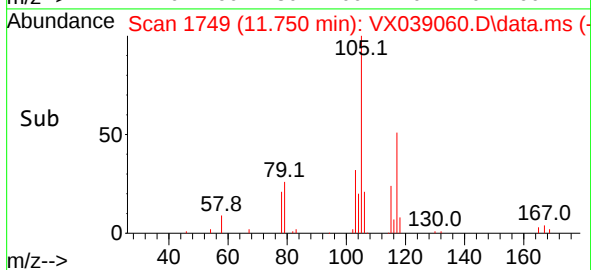
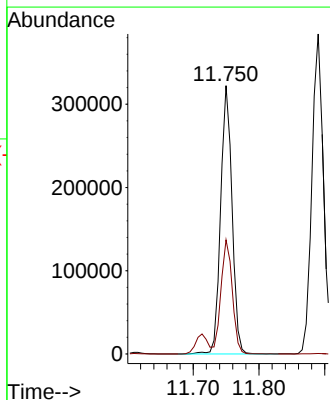
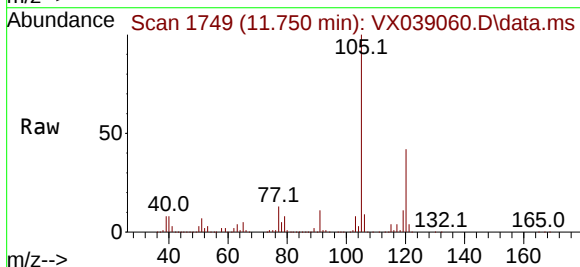
Manual Integrations
APPROVED

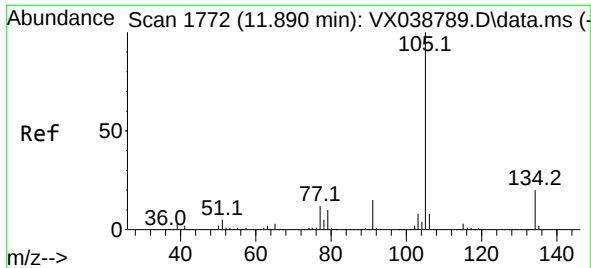
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.416 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:105 Resp: 388616
Ion Ratio Lower Upper
105 100
120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.187 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

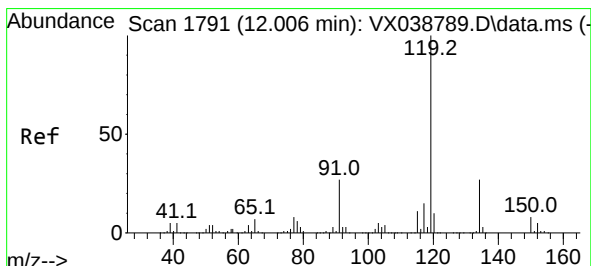
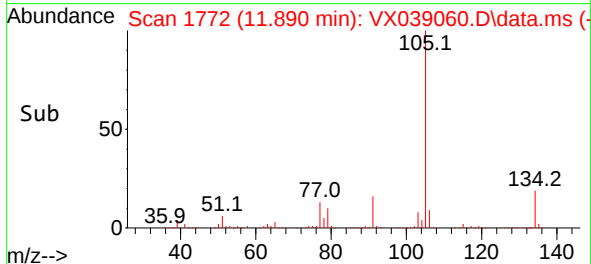
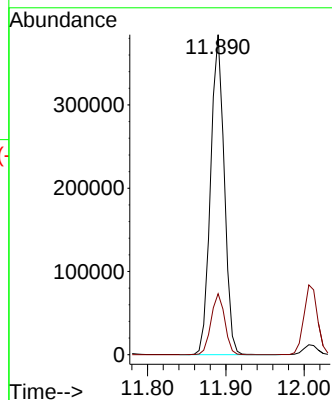
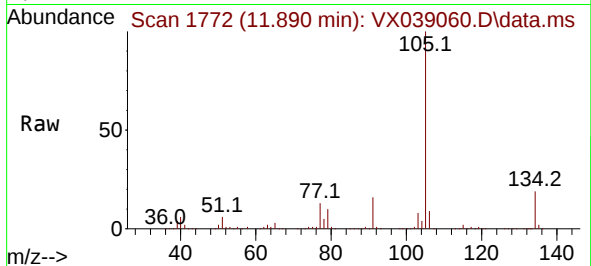
VSTDCCC050

Tgt Ion:105 Resp: 46472
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

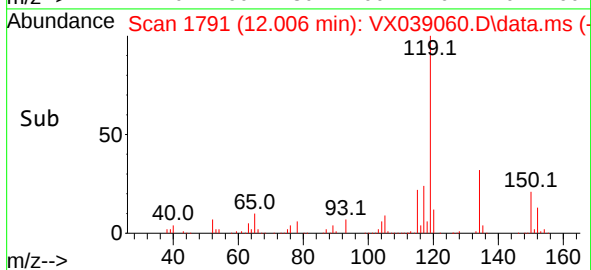
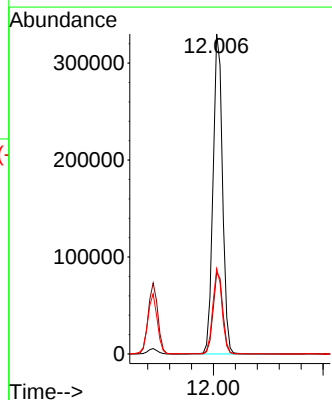
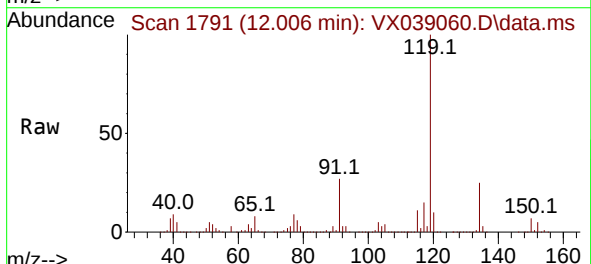
APPROVED

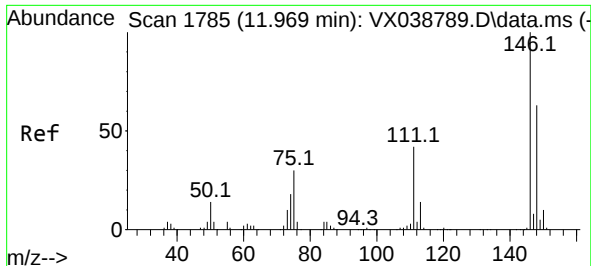
Reviewed By :John Carlone 12/01/2023
 Supervised By :Mahesh Dadoda 12/01/2023



#86
 p-Isopropyltoluene
 Concen: 52.828 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039060.D
 Acq: 30 Nov 2023 11:42

Tgt Ion:119 Resp: 392689
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.269 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039060.D

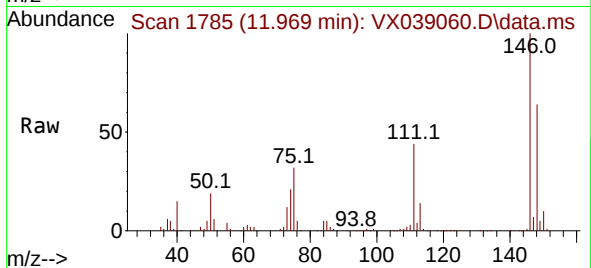
Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 192848

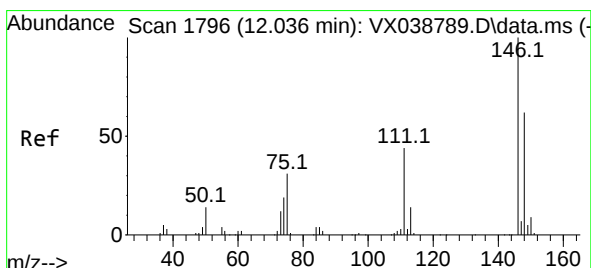
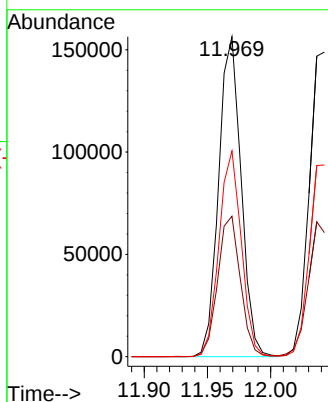
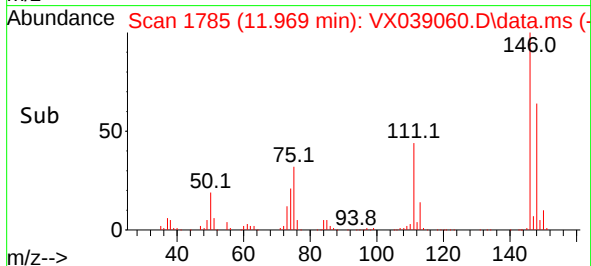
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.1
148	63.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2023

Supervised By :Mahesh Dadoda 12/01/2023



#88

1,4-Dichlorobenzene

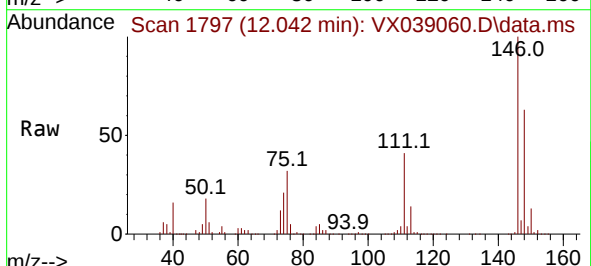
Concen: 50.292 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

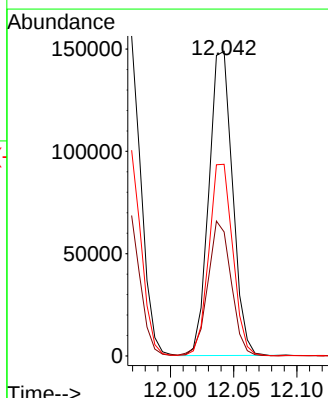
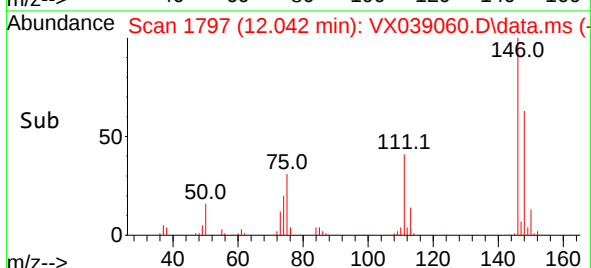
Lab File: VX039060.D

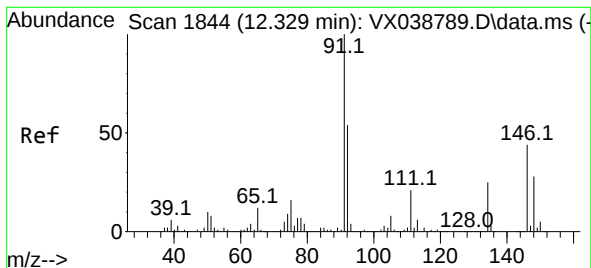
Acq: 30 Nov 2023 11:42



Tgt Ion:146 Resp: 193619

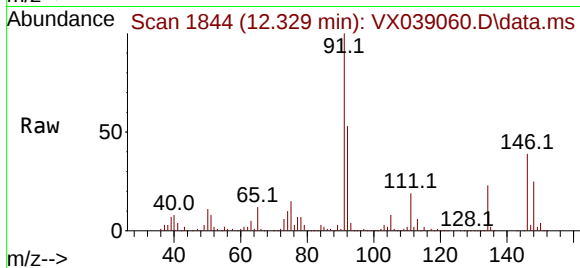
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 52.744 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

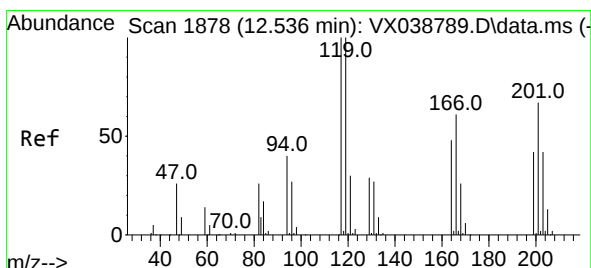
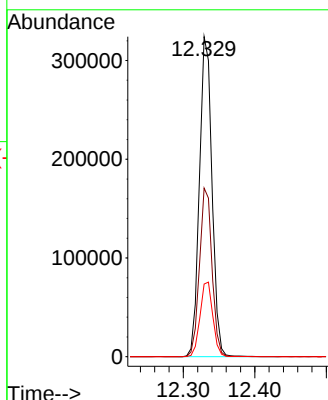
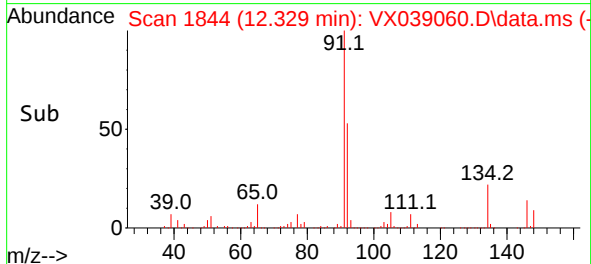
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 39556
Ion Ratio Lower Upper
91 100
92 52.5 27.4 82.0
134 23.8 12.6 37.8

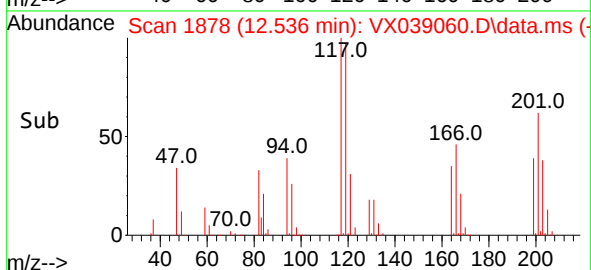
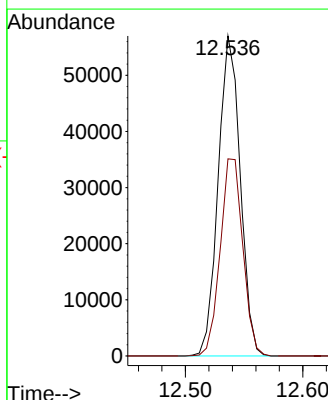
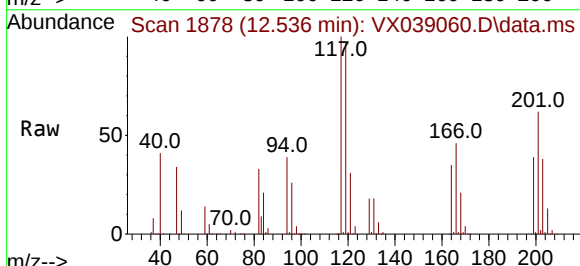
Manual Integrations
APPROVED

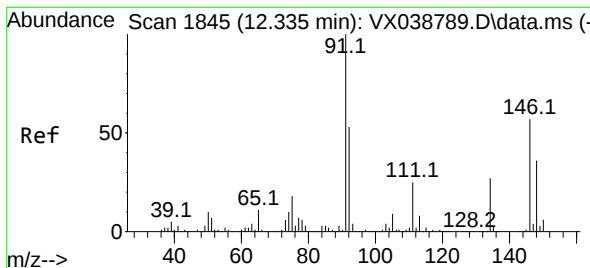
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#90
Hexachloroethane
Concen: 50.146 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion:117 Resp: 74438
Ion Ratio Lower Upper
117 100
201 63.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.547 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

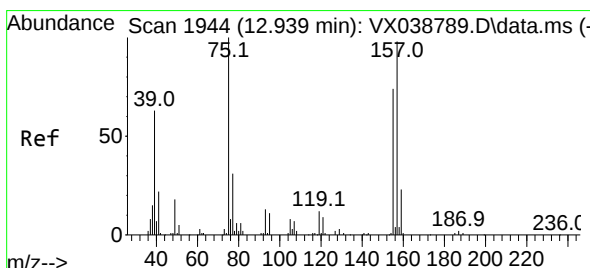
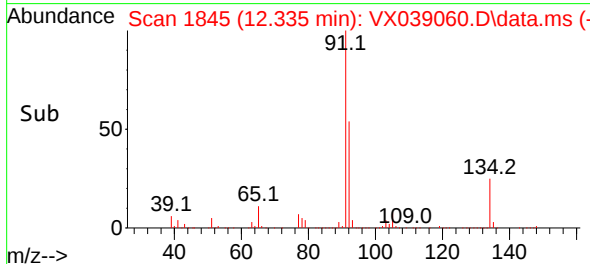
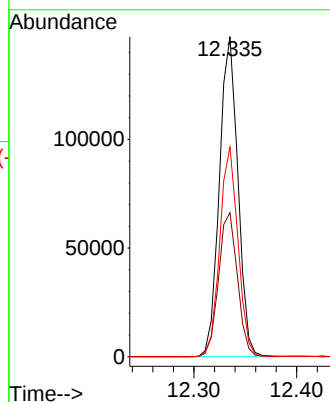
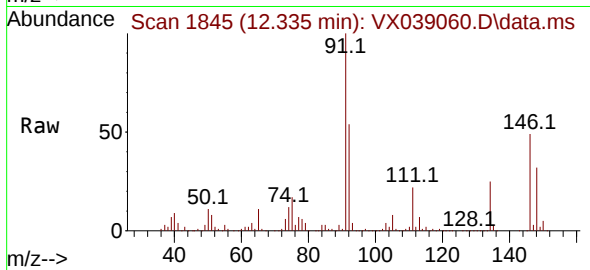
Tgt Ion:146 Resp: 183900
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations

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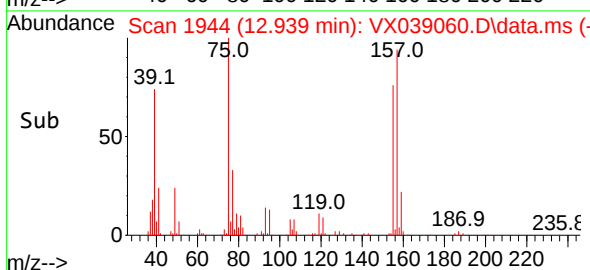
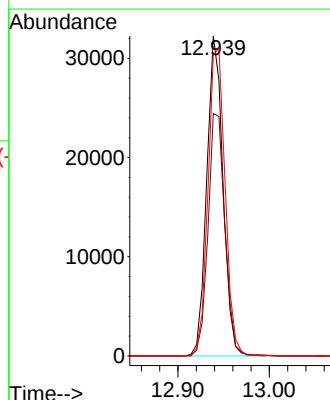
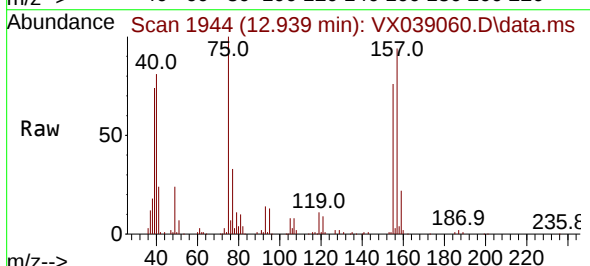
Reviewed By :John Carlone 12/01/2023

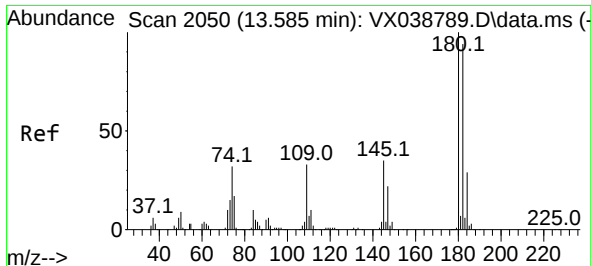
Supervised By :Mahesh Dadoda 12/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.566 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Tgt Ion: 75 Resp: 39708
Ion Ratio Lower Upper
75 100
155 78.8 36.1 108.5
157 101.3 44.9 134.7





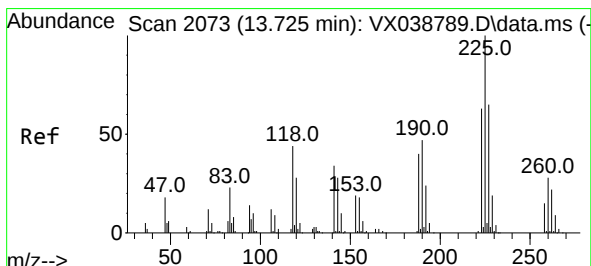
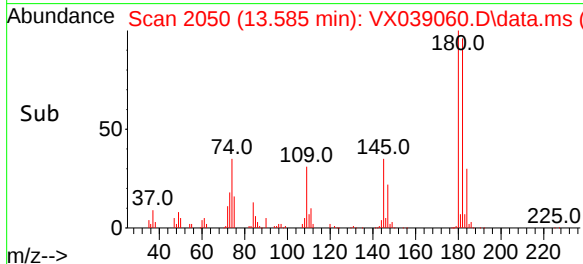
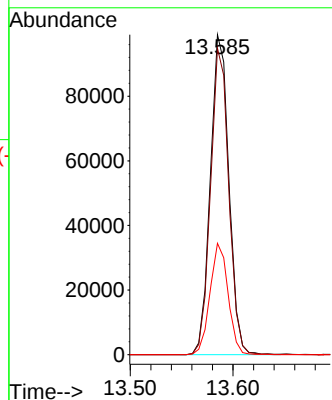
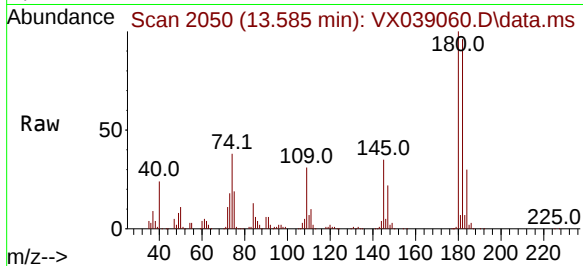
#93
1,2,4-Trichlorobenzene
Concen: 51.994 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 12430
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 34.0 18.0 54.0

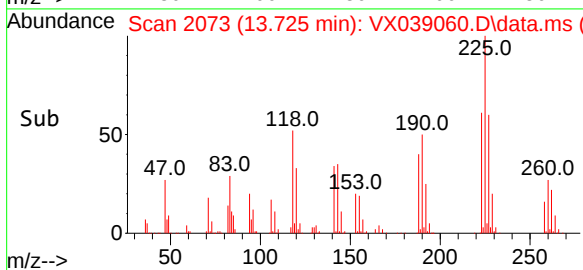
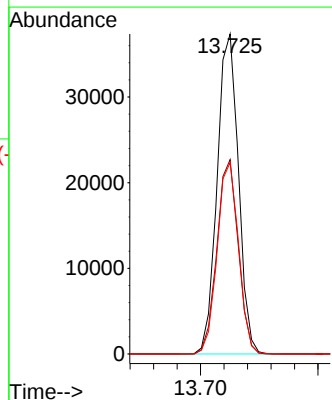
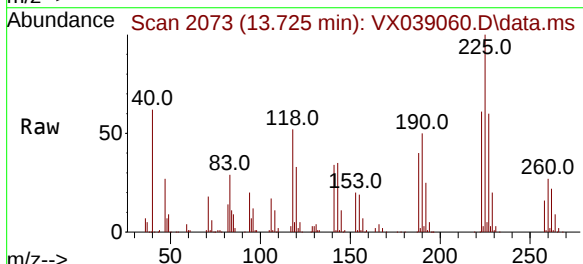
Manual Integrations
APPROVED

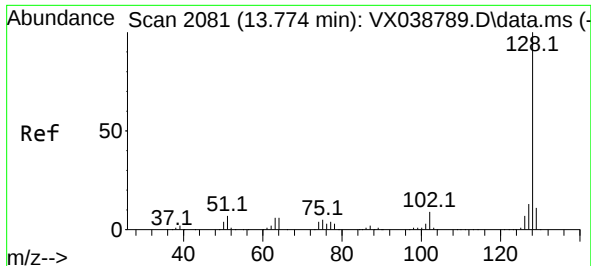
Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#94
Hexachlorobutadiene
Concen: 55.551 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

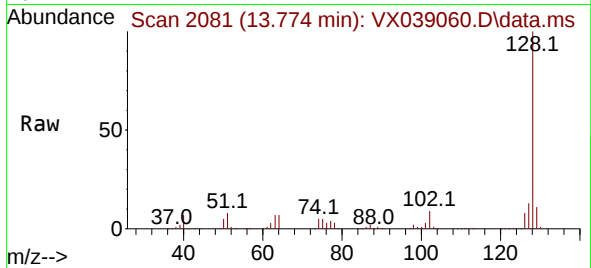
Tgt Ion:225 Resp: 47032
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.2
227 59.8 32.5 97.5





#95
Naphthalene
Concen: 50.250 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42

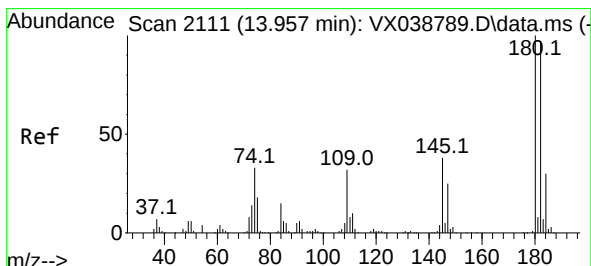
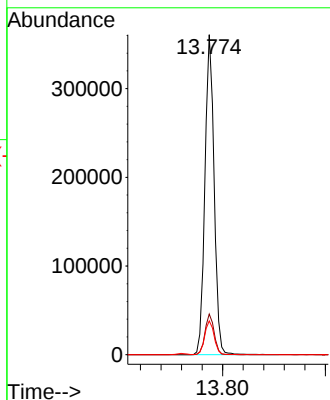
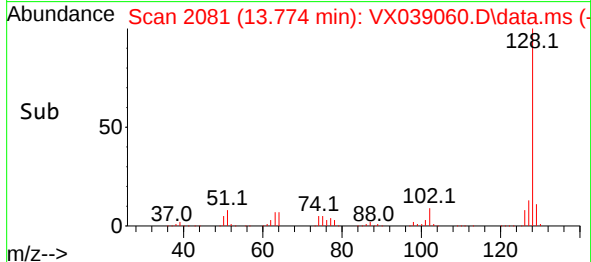
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



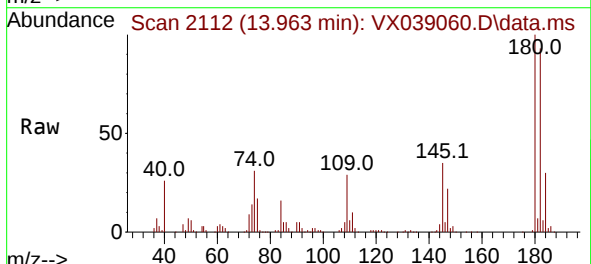
Tgt Ion:128 Resp: 447438
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2023
Supervised By :Mahesh Dadoda 12/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.667 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039060.D
Acq: 30 Nov 2023 11:42



Tgt Ion:180 Resp: 119361
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 35.9 17.8 53.5

