

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039023.D
 Acq On : 24 Nov 2023 14:46
 Operator : JC/MD
 Sample : VX1124WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

Quant Time: Nov 27 03:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	10064	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81648	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103568	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44871	32.590	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 108.633%		
60) 4-Bromofluorobenzene	11.079	95	66975	29.607	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 98.700%		
63) Toluene-d8	8.647	98	122168	29.836	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.467%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31776	21.095	ug/l	96
3) Chloromethane	1.295	50	35611	20.647	ug/l	95
4) Vinyl Chloride	1.374	62	36003	20.677	ug/l	97
5) Bromomethane	1.605	94	24367	22.880	ug/l	99
6) Chloroethane	1.691	64	22424	22.114	ug/l	99
7) Trichlorofluoromethane	1.892	101	49246	20.492	ug/l	99
8) Diethyl Ether	2.136	74	19555	21.198	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	27362	20.148	ug/l	99
10) 1,1-Dichloroethene	2.319	96	27977	20.437	ug/l	98
11) Methyl Iodide	2.453	142	31130	20.752	ug/l	99
12) Methyl Acetate	2.697	43	91708	21.480	ug/l	100
13) Acrolein	2.233	56	30991	82.858	ug/l	98
14) Acrylonitrile	3.062	53	111298	106.582	ug/l	99
15) Acetone	2.374	58	32829	86.489	ug/l	98
16) Carbon Disulfide	2.514	76	85407	20.600	ug/l	98
17) Allyl chloride	2.666	41	56713	20.869	ug/l	97
18) Methylene Chloride	2.788	84	33336	20.544	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	32980	21.301	ug/l	98
20) Diisopropyl ether	3.757	45	109271	21.129	ug/l	99
21) 1,1-Dichloroethane	3.611	63	59952	20.850	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	36755	20.484	ug/l	99
23) tert-Butyl Alcohol	2.953	59	60528	104.703	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	104827	20.787	ug/l	98
25) Chloroform	5.093	83	60126	20.834	ug/l	97
26) Cyclohexane	5.471	56	54546	20.959	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	45684	19.960	ug/l	99
30) 2-Butanone	4.550	43	164173	95.269	ug/l	100
31) 2,2-Dichloropropane	4.471	77	49318	18.846	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	52988	20.030	ug/l	98
33) Carbon Tetrachloride	5.678	117	43685	19.604	ug/l	96
34) Benzene	6.038	78	132936	19.938	ug/l	97
35) Methacrylonitrile	4.916	41	30119	19.731	ug/l	96
36) 1,2-Dichloroethane	6.086	62	49498	20.233	ug/l	98
37) Trichloroethene	7.123	130	33569	19.837	ug/l	98
38) Methylcyclohexane	7.379	83	57126	20.031	ug/l	98
39) 1,2-Dichloropropane	7.434	63	34853	19.821	ug/l	99
40) Dibromomethane	7.580	93	24863	20.012	ug/l	98
41) Bromodichloromethane	7.824	83	47341	19.834	ug/l	98
42) Vinyl Acetate	3.721	43	412803	100.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	60232	20.316	ug/l	99
44) Isopropyl Acetate	6.336	43	94049	20.123	ug/l	100
45) 1,4-Dioxane	7.653	88	19608	410.976	ug/l	95
46) Methyl methacrylate	7.690	41	54646	20.450	ug/l	99
47) n-amyl Acetate	10.842	43	75491	19.084	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	52898	19.113	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	56988	19.960	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	34290	20.317	ug/l	98
51) Ethyl methacrylate	9.116	69	41888	19.827	ug/l	96
52) 1,3-Dichloropropane	9.305	76	58786	20.313	ug/l	99
53) Dibromochloromethane	9.519	129	35162	19.399	ug/l	97
54) 1,2-Dibromoethane	9.610	107	37438	20.228	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	131703	98.352	ug/l	99
56) Bromoform	10.799	173	24268	18.551	ug/l	100
58) 4-Methyl-2-Pentanone	8.568	43	316095	100.646	ug/l	99
59) 2-Hexanone	9.427	43	250198	97.051	ug/l	100
61) Tetrachloroethene	9.275	164	26830	19.925	ug/l	96
62) Toluene	8.720	91	145400	19.774	ug/l	100
64) Chlorobenzene	10.080	112	88292	19.740	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	31720	19.692	ug/l	98
66) Ethyl Benzene	10.195	91	163420	19.518	ug/l	96
67) m/p-Xylenes	10.299	106	121462	39.258	ug/l	99
68) o-Xylene	10.640	106	58709	19.589	ug/l	99
69) Styrene	10.653	104	86366	19.472	ug/l	100
70) Isopropylbenzene	10.964	105	157184	19.603	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	58630	19.586	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	48946m	19.323	ug/l	
73) Bromobenzene	11.195	156	35749	19.582	ug/l	98
74) n-propylbenzene	11.305	91	191623	19.505	ug/l	99
75) 2-Chlorotoluene	11.360	91	113322	19.661	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	135593	19.629	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	17753	17.688	ug/l	97
78) 4-Chlorotoluene	11.451	91	131847	19.456	ug/l	99
79) tert-butylbenzene	11.713	119	128596	19.577	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	135281	19.567	ug/l	99
81) sec-Butylbenzene	11.890	105	163440	19.682	ug/l	99
82) p-Isopropyltoluene	12.006	119	136237	19.358	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	68648	19.649	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	67989	18.966	ug/l	99
85) n-Butylbenzene	12.329	91	129645	18.654	ug/l	99
86) Hexachloroethane	12.536	117	24594	18.443	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	66542	19.807	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14504	18.946	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	41712	18.727	ug/l	96
90) Hexachlorobutadiene	13.725	225	14312	17.995	ug/l	96
91) Naphthalene	13.774	128	157837	19.214	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	41926	19.433	ug/l	99

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

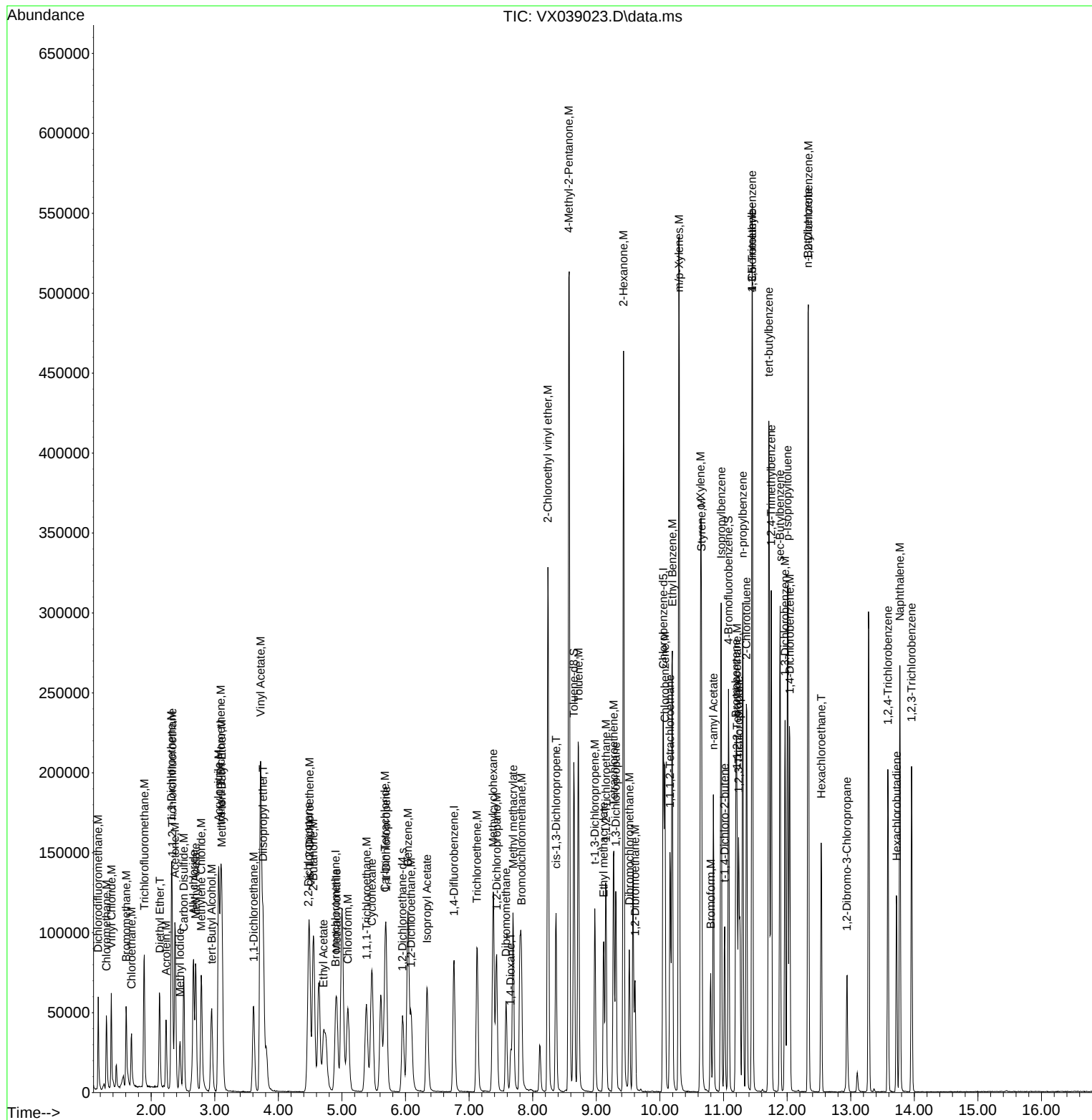
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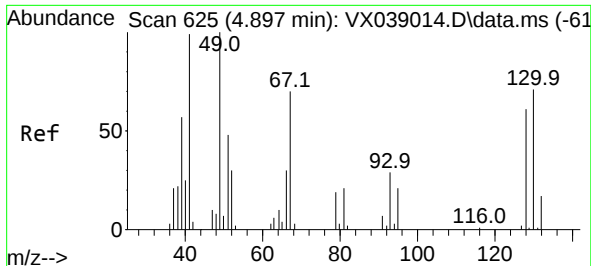
Instrument :
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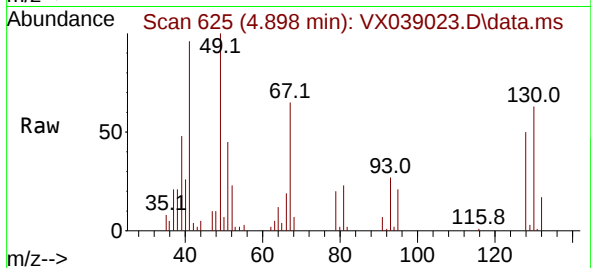
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

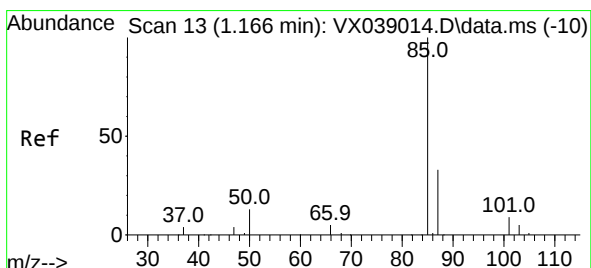
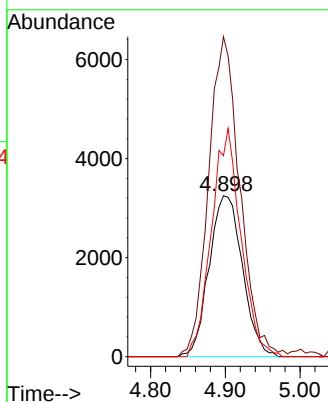
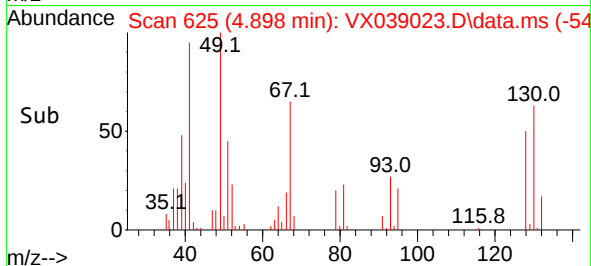
Instrument :
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ClientSampleId :
VX1124WBSD01



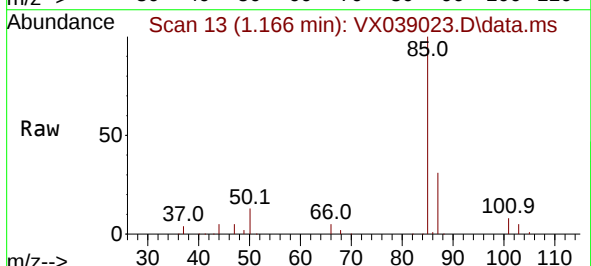
Tgt Ion:128 Resp: 10064
Ion Ratio Lower Upper
128 100
49 187.5 0.0 444.0
130 125.8 0.0 297.8

Manual Integrations
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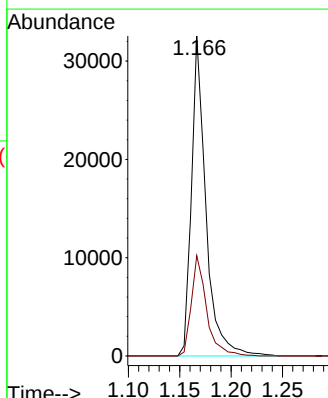
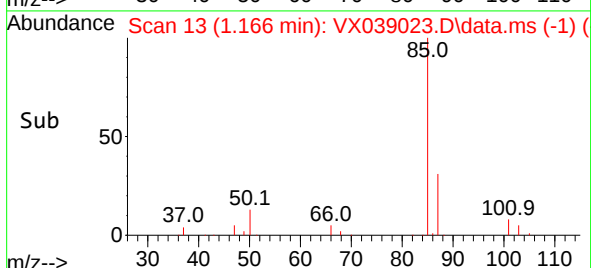
Reviewed By :John Carlone 11/27/2023
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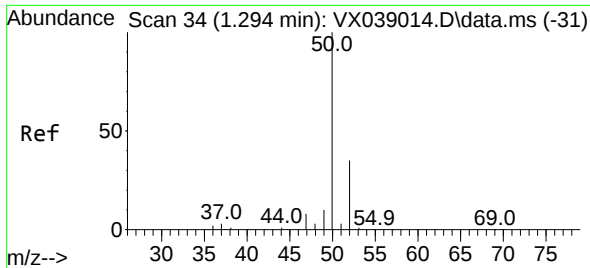


#2
Dichlorodifluoromethane
Concen: 21.095 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



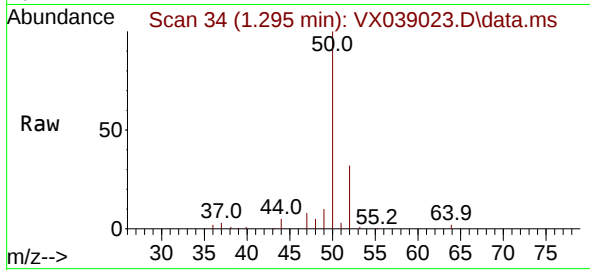
Tgt Ion: 85 Resp: 31776
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





#3
Chloromethane
Concen: 20.647 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

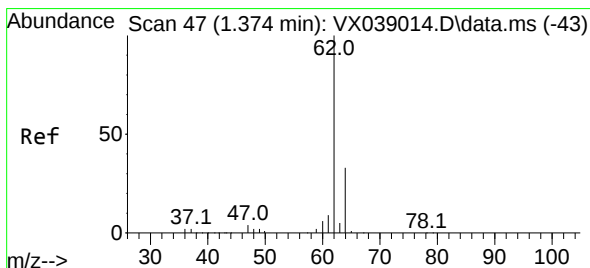
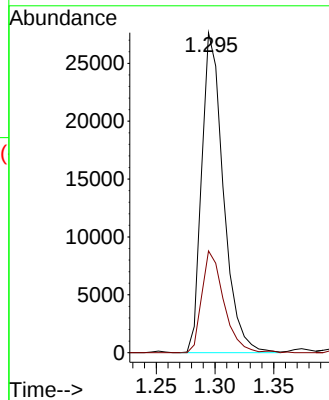
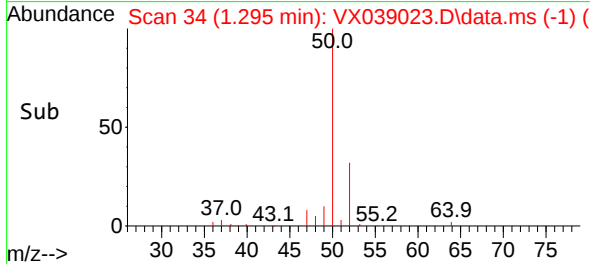
Instrument :
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Tgt Ion: 50 Resp: 3561
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8

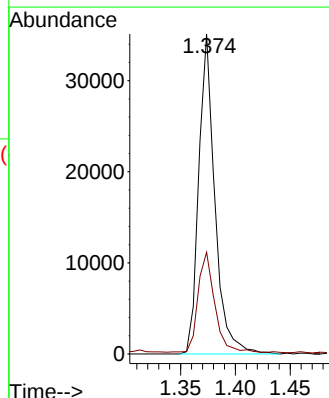
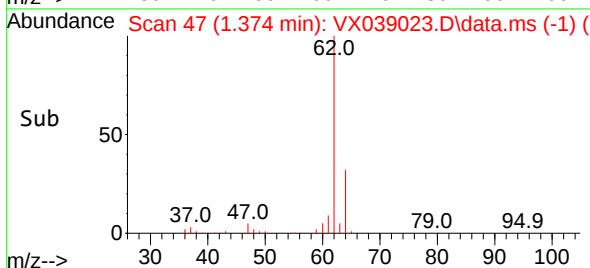
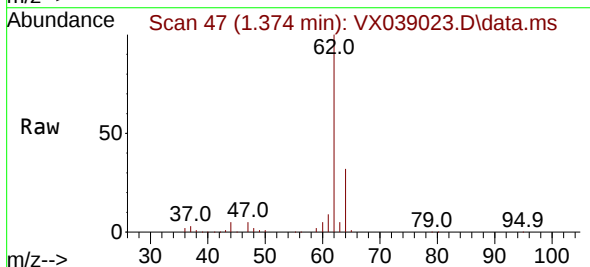
Manual Integrations
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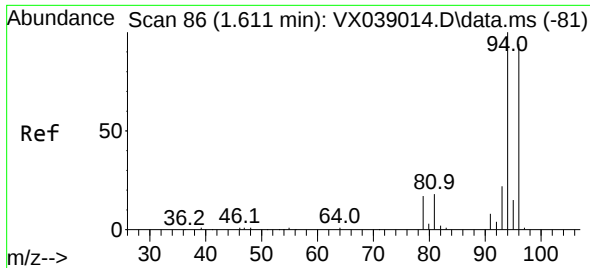
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 20.677 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 62 Resp: 36003
Ion Ratio Lower Upper
62 100
64 31.3 26.3 39.5





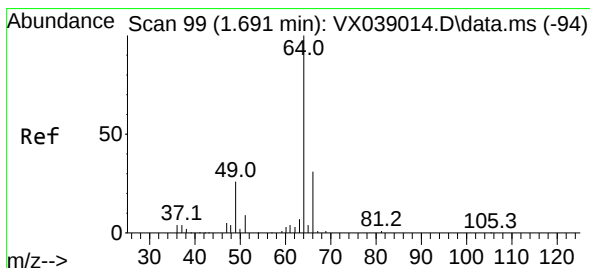
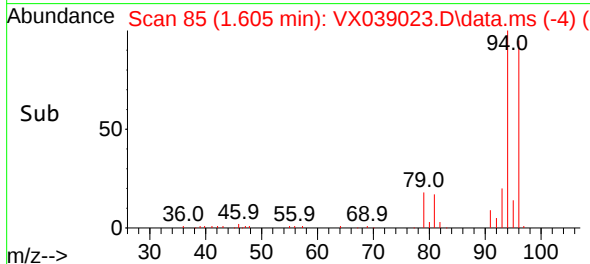
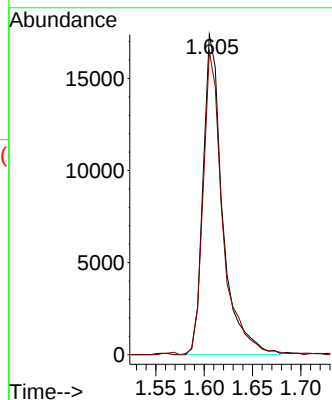
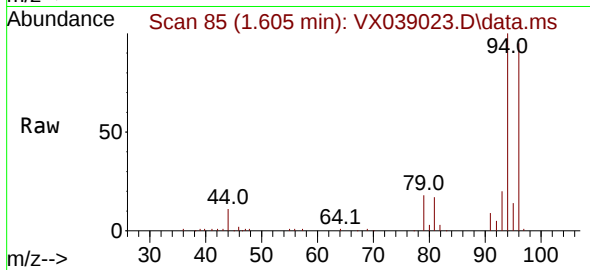
#5
Bromomethane
Concen: 22.880 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2436
Ion Ratio Lower Upper
94 100
96 94.8 74.9 112.3

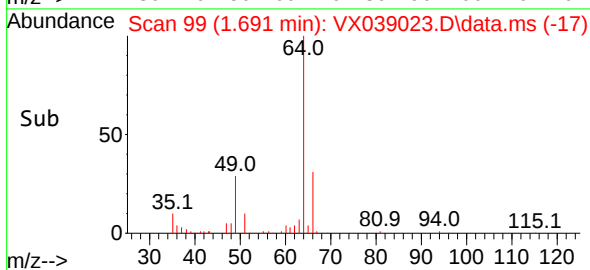
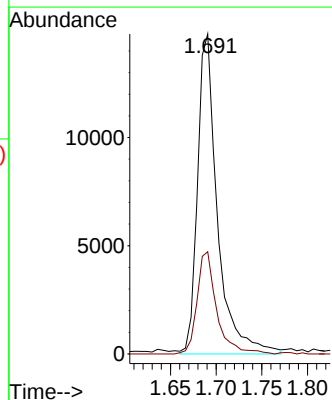
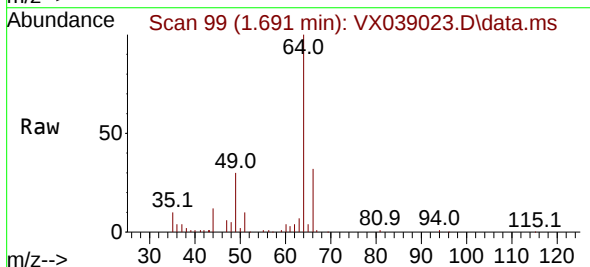
Manual Integrations
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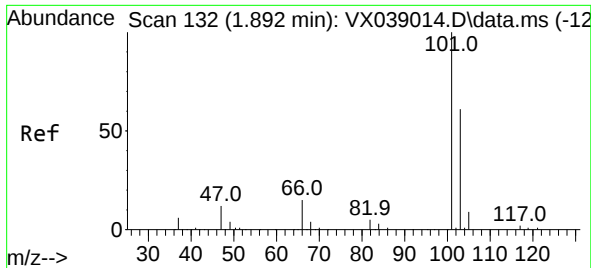
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 22.114 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

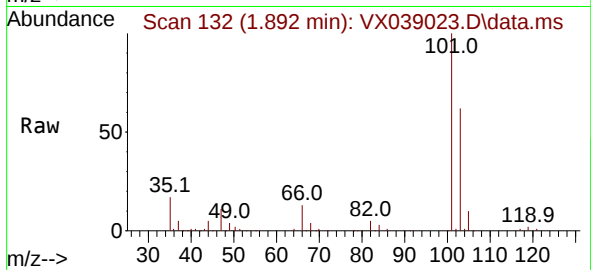
Tgt Ion: 64 Resp: 22424
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 20.492 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039023.D
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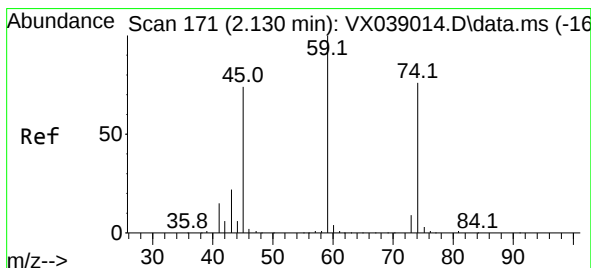
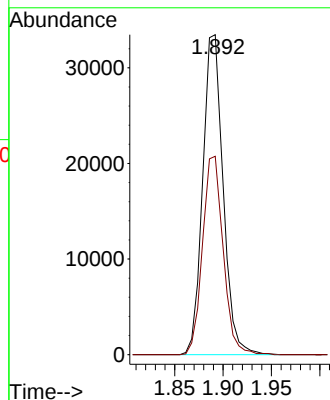
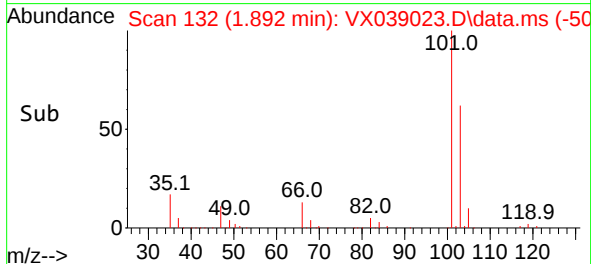
Instrument :
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 ClientSampleId :
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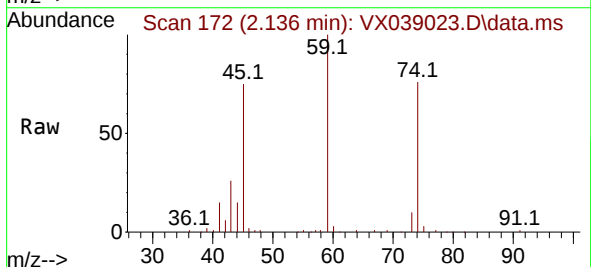
Tgt Ion:101 Resp: 49240
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.1 73.7

Manual Integrations
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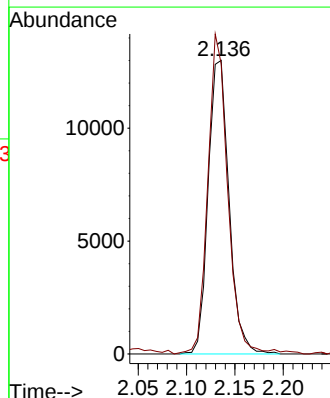
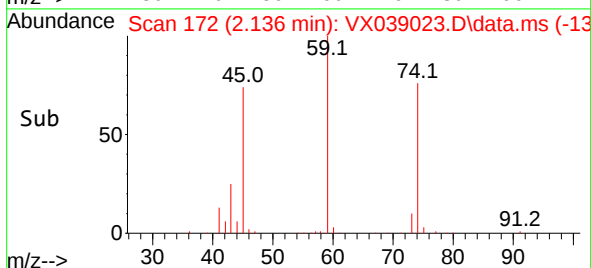
Reviewed By :John Carlone 11/27/2023
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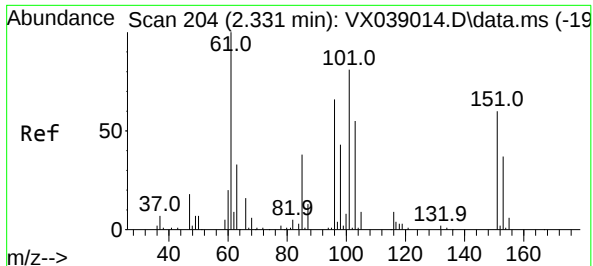


#8
 Diethyl Ether
 Concen: 21.198 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46



Tgt Ion: 74 Resp: 19555
 Ion Ratio Lower Upper
 74 100
 45 103.3 20.5 184.5





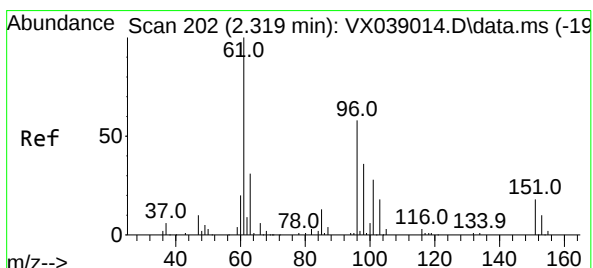
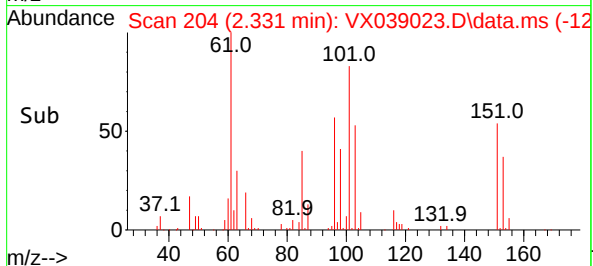
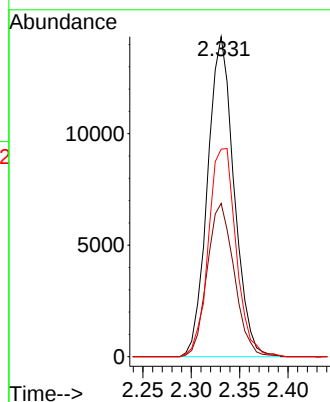
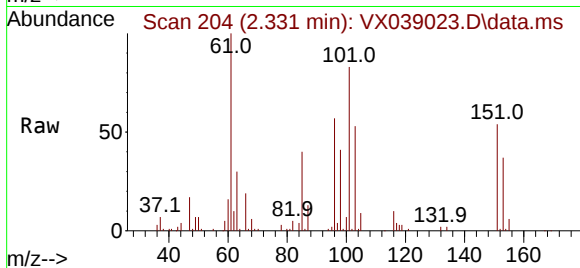
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1,1,2-Trichlorotrifluoroethane
Concen: 20.148 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039023.D
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ClientSampleId :
VX1124WBSD01

Tgt Ion:101 Resp: 2736
Ion Ratio Lower Upper
101 100
85 48.9 0.0 95.2
151 68.1 0.0 136.8

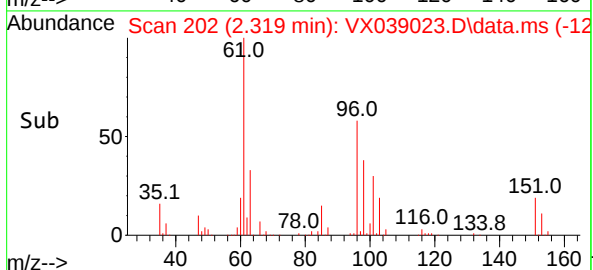
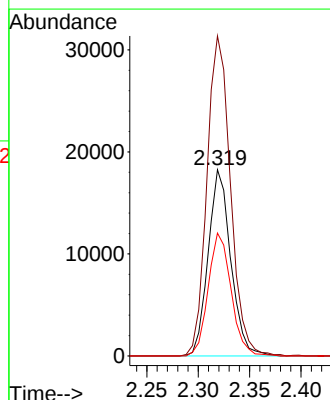
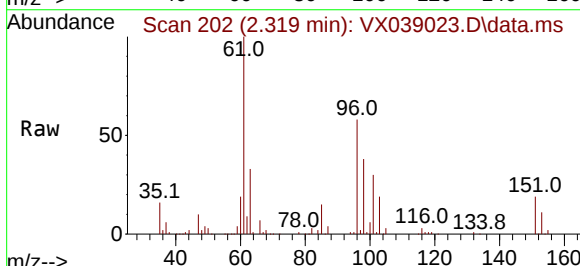
Manual Integrations
APPROVED

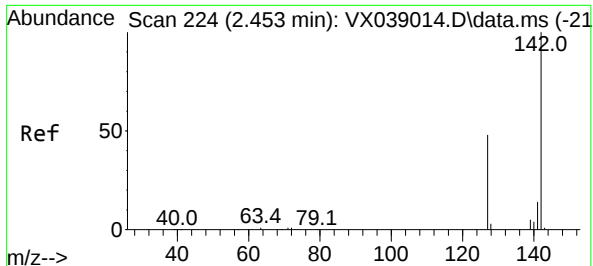
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 20.437 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

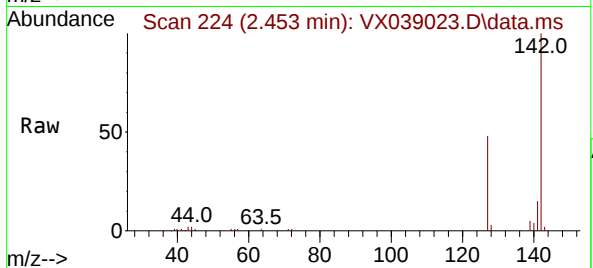
Tgt Ion: 96 Resp: 27977
Ion Ratio Lower Upper
96 100
61 171.7 138.3 207.5
98 66.0 49.8 74.6





#11
Methyl Iodide
Concen: 20.752 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

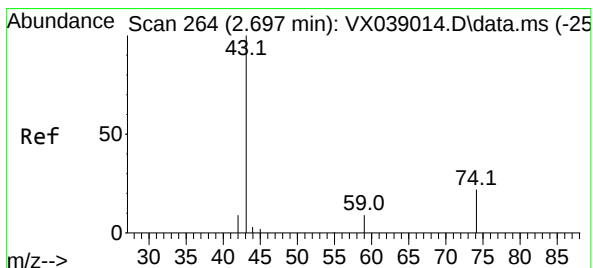
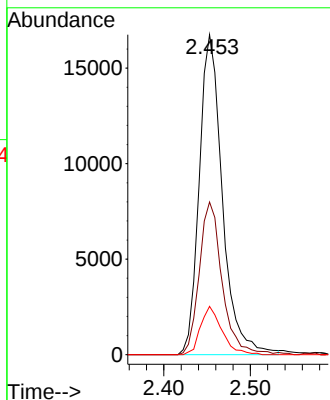
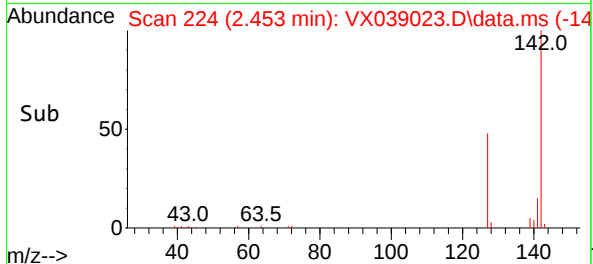
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion:142 Resp: 31130
Ion Ratio Lower Upper
142 100
127 47.7 23.8 71.4
141 15.2 6.9 20.6

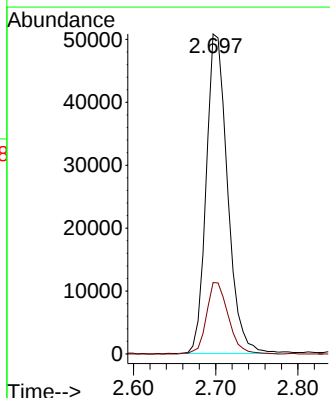
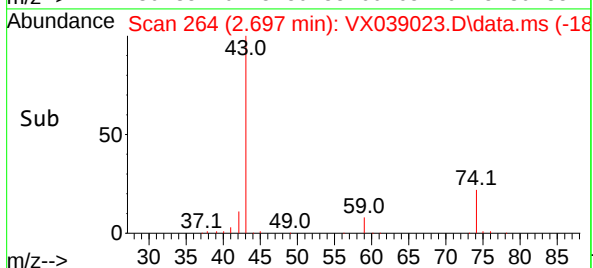
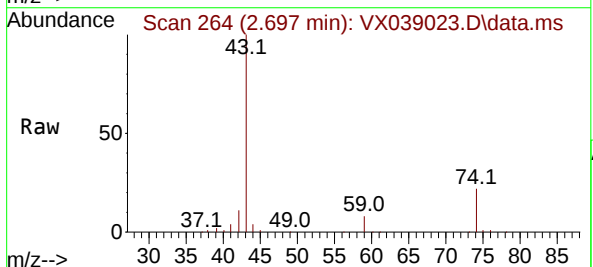
Manual Integrations
APPROVED

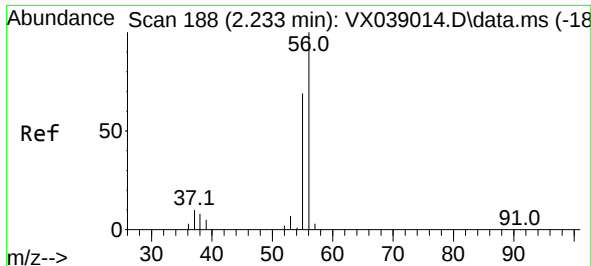
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#12
Methyl Acetate
Concen: 21.480 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

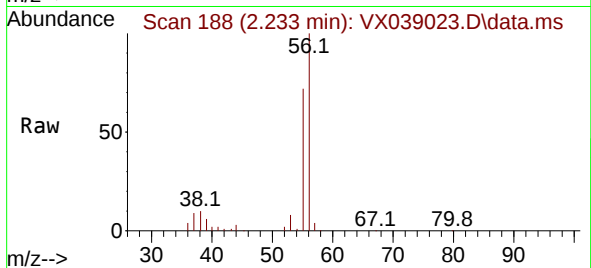
Tgt Ion: 43 Resp: 91708
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6





#13
Acrolein
Concen: 82.858 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

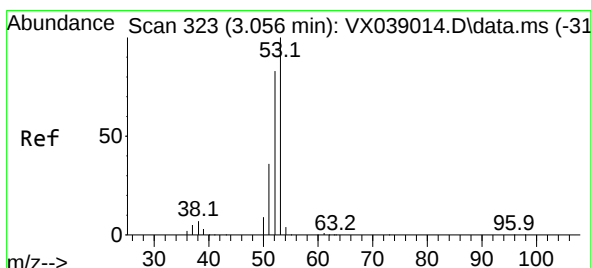
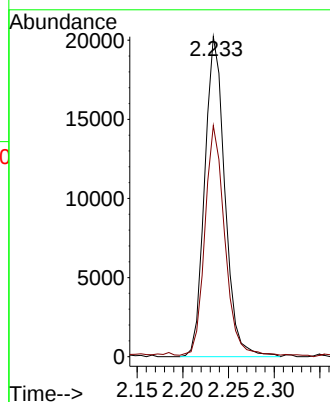
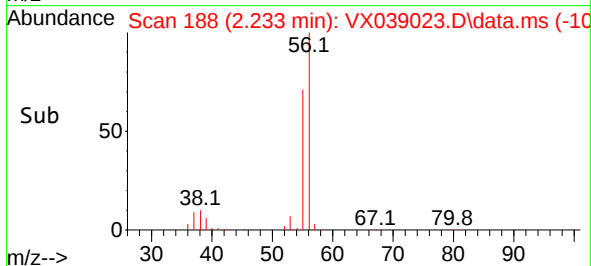
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
55 69.8 57.2 85.8

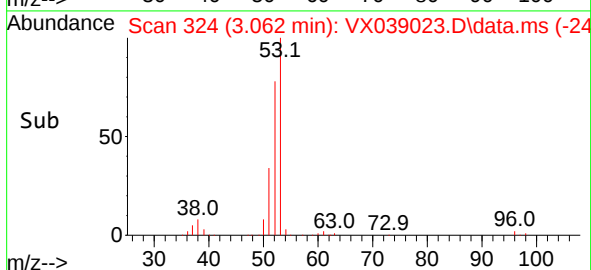
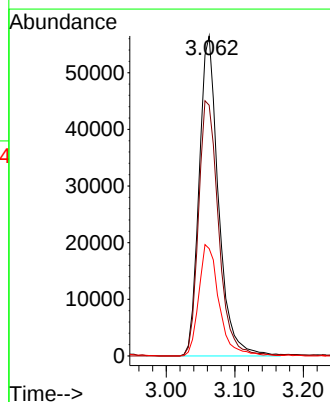
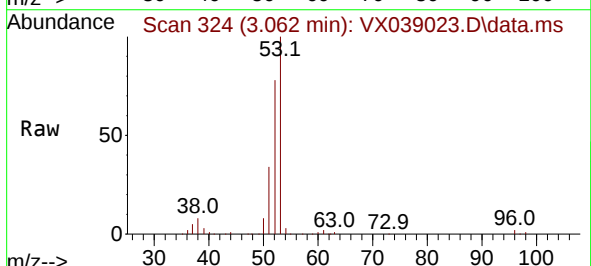
Manual Integrations
APPROVED

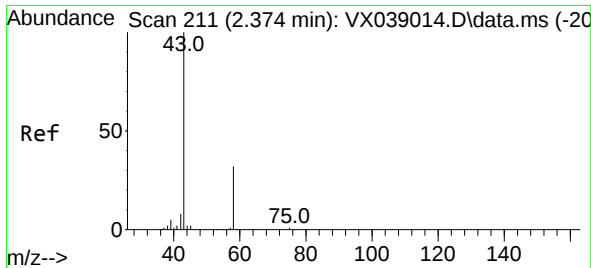
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#14
Acrylonitrile
Concen: 106.582 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 53 Resp: 111298
Ion Ratio Lower Upper
53 100
52 82.5 41.9 125.6
51 36.2 18.3 54.9





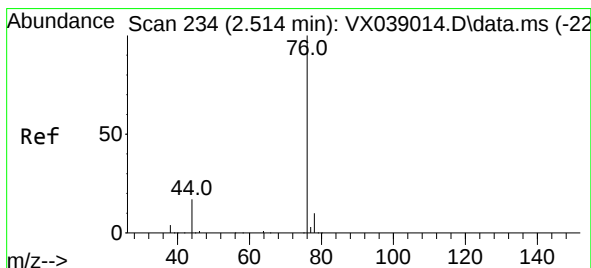
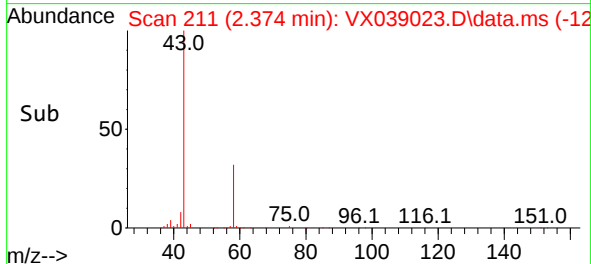
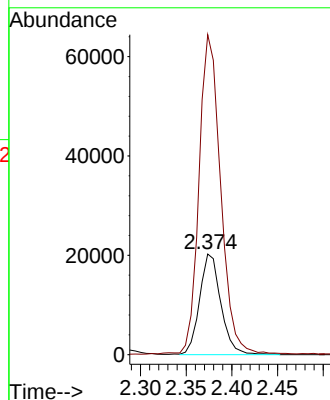
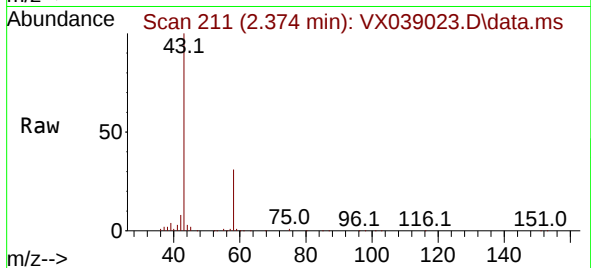
#15
Acetone
Concen: 86.489 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 58 Resp: 32829
Ion Ratio Lower Upper
58 100
43 316.7 249.9 374.9

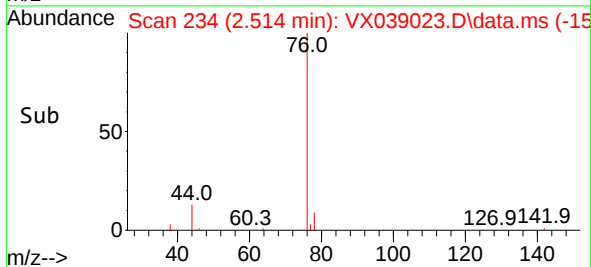
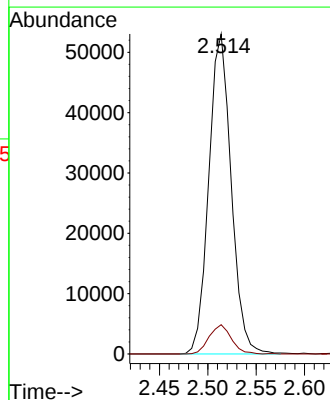
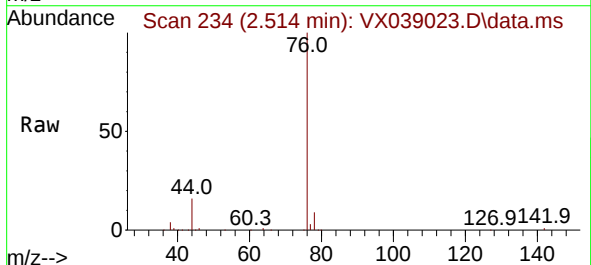
Manual Integrations
APPROVED

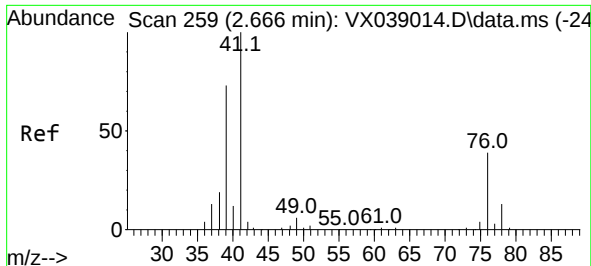
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#16
Carbon Disulfide
Concen: 20.600 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

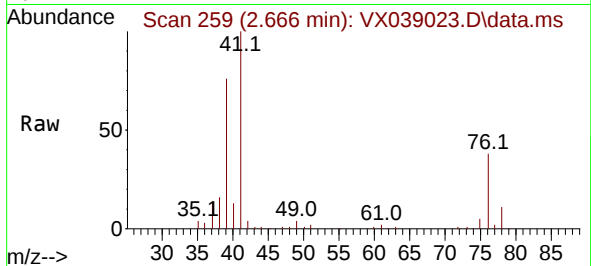
Tgt Ion: 76 Resp: 85407
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0





#17
 Allyl chloride
 Concen: 20.869 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46

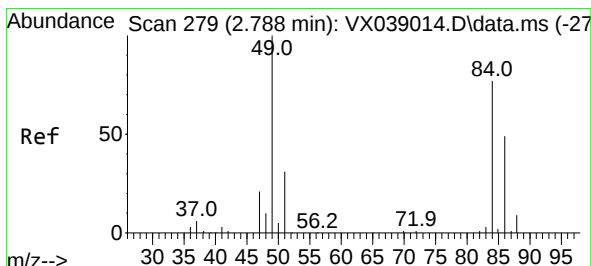
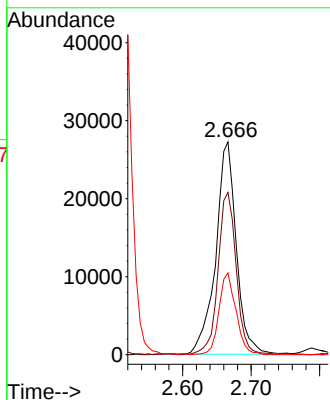
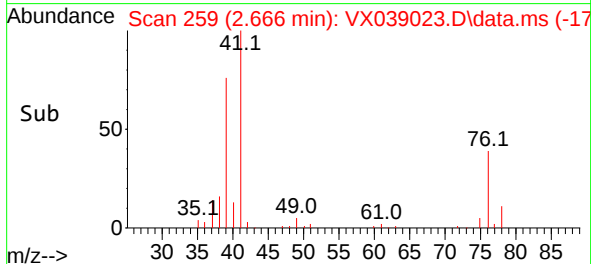
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01



Tgt Ion: 41 Resp: 5671
 Ion Ratio Lower Upper
 41 100
 39 76.4 36.5 109.5
 76 38.5 19.7 59.0

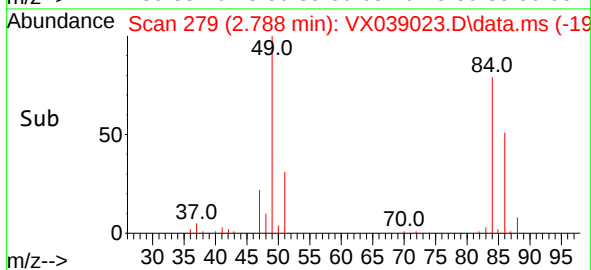
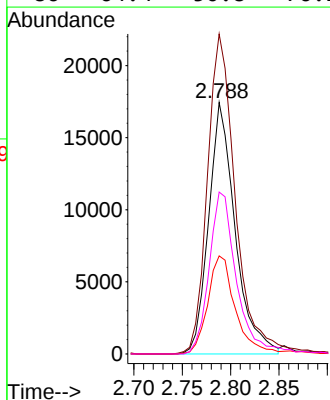
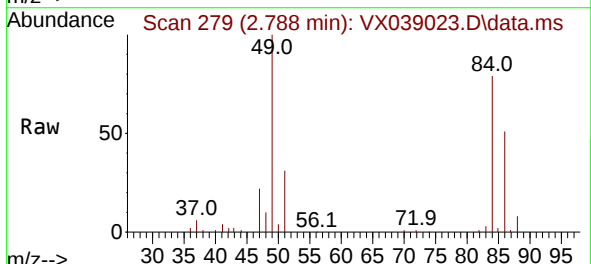
Manual Integrations
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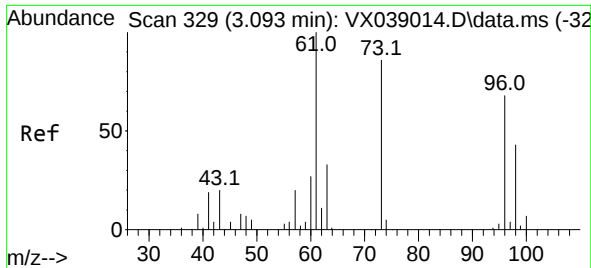
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 20.544 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46

Tgt Ion: 84 Resp: 33336
 Ion Ratio Lower Upper
 84 100
 49 126.9 103.8 155.8
 51 39.0 31.8 47.6
 86 64.4 50.8 76.2





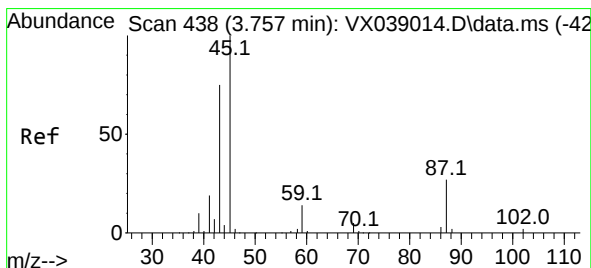
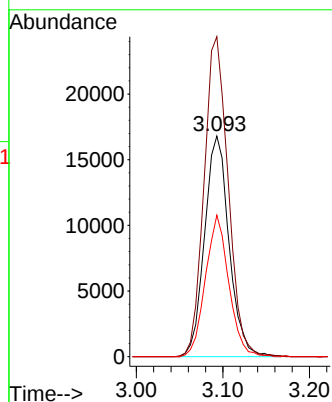
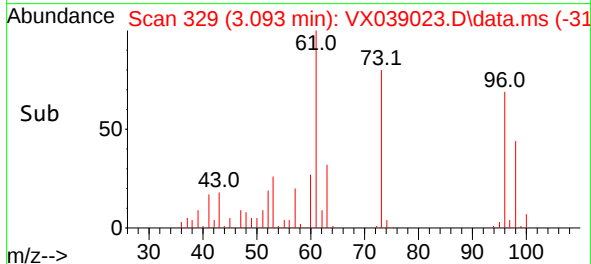
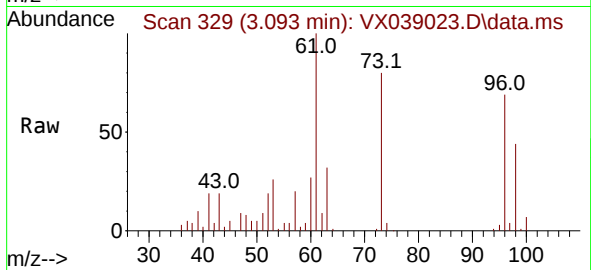
#19
trans-1,2-Dichloroethene
Concen: 21.301 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 96 Resp: 32980
Ion Ratio Lower Upper
96 100
61 144.6 117.9 176.9
98 64.1 51.0 76.6

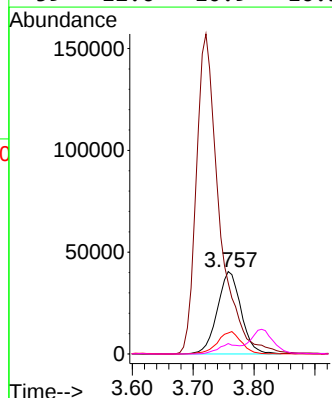
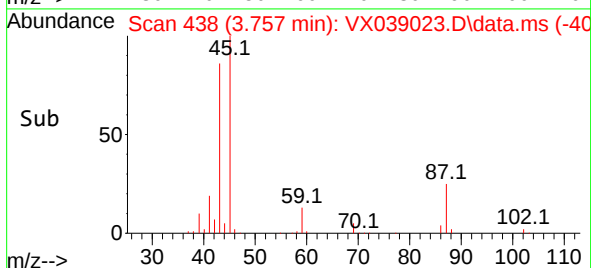
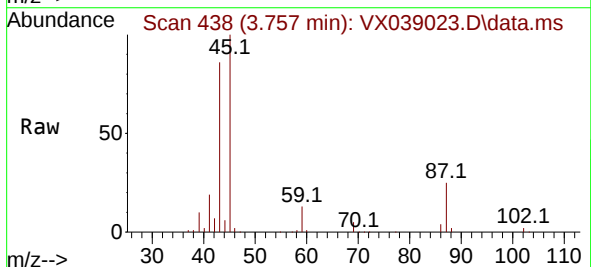
Manual Integrations
APPROVED

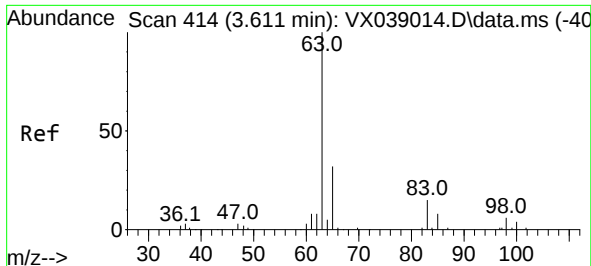
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 21.129 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

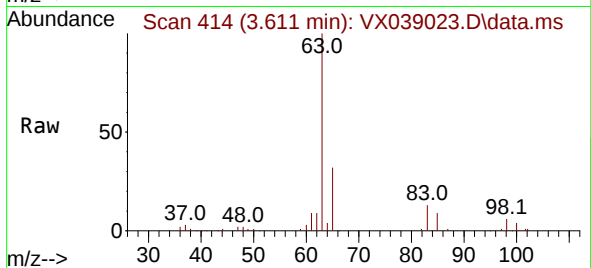
Tgt Ion: 45 Resp: 109271
Ion Ratio Lower Upper
45 100
43 84.6 67.7 101.5
87 25.4 21.5 32.3
59 12.6 10.9 16.3





#21
1,1-Dichloroethane
Concen: 20.850 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

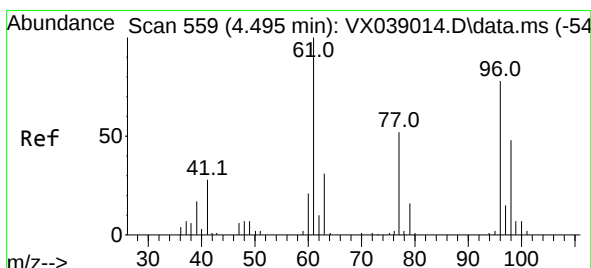
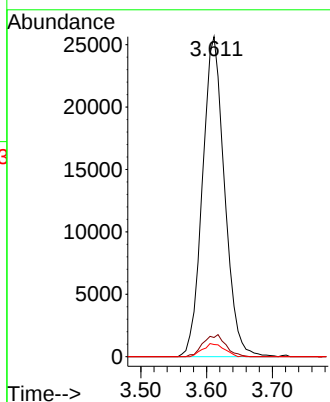
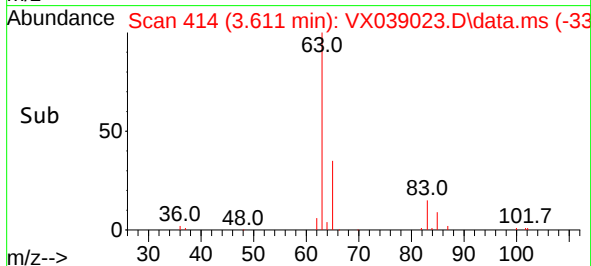
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 63 Resp: 5995
Ion Ratio Lower Upper
63 100
98 6.0 2.9 8.8
100 3.8 2.0 5.8

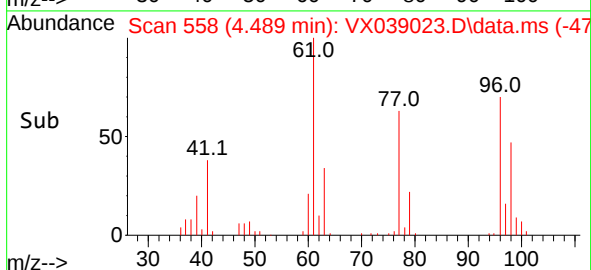
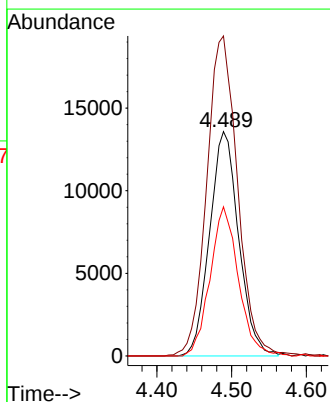
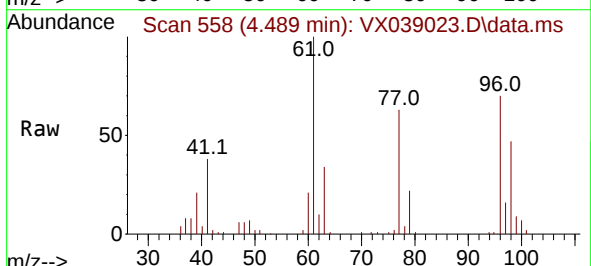
Manual Integrations
APPROVED

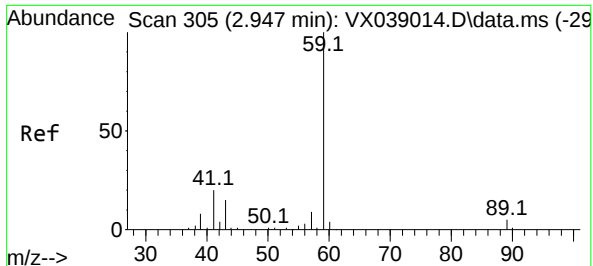
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 20.484 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 96 Resp: 36755
Ion Ratio Lower Upper
96 100
61 151.4 119.8 179.6
98 64.4 50.9 76.3





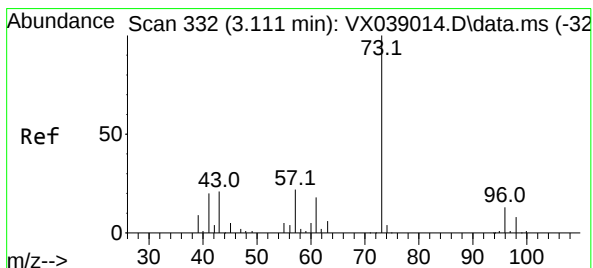
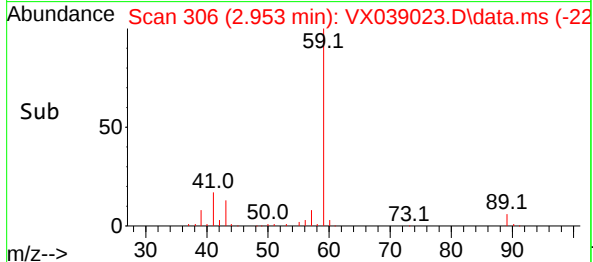
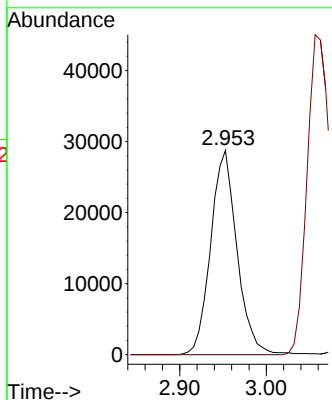
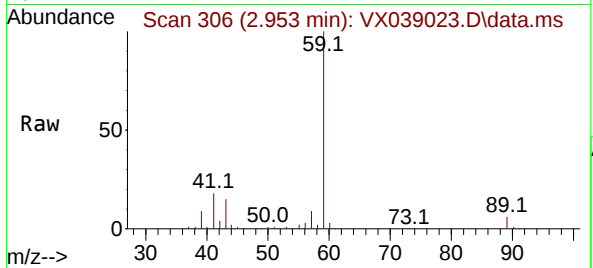
#23
tert-Butyl Alcohol
Concen: 104.703 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 59 Resp: 60528
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

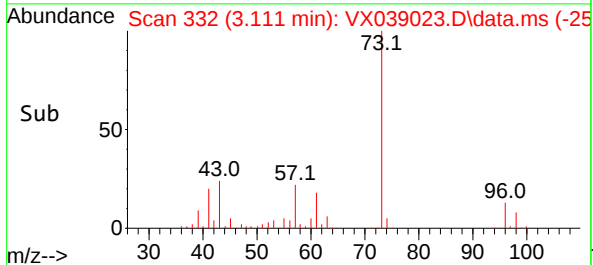
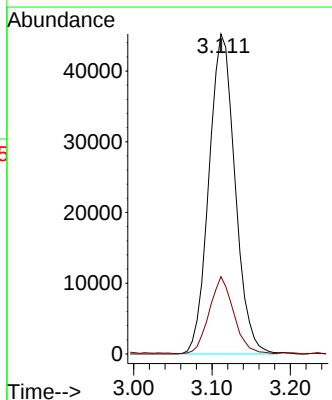
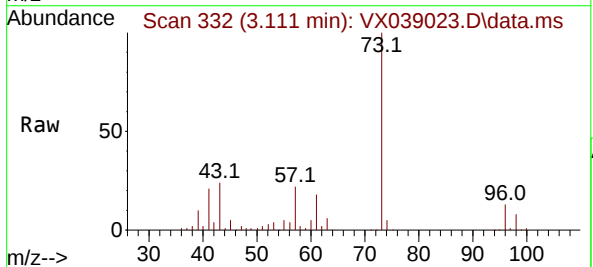
Manual Integrations
APPROVED

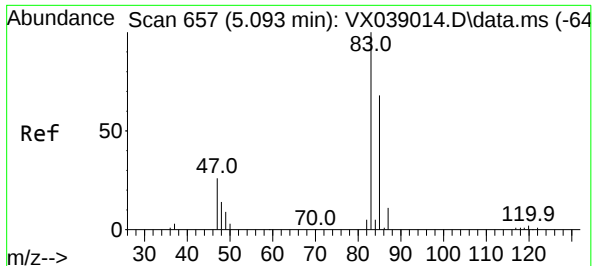
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 20.787 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 73 Resp: 104827
Ion Ratio Lower Upper
73 100
43 22.4 17.0 25.6





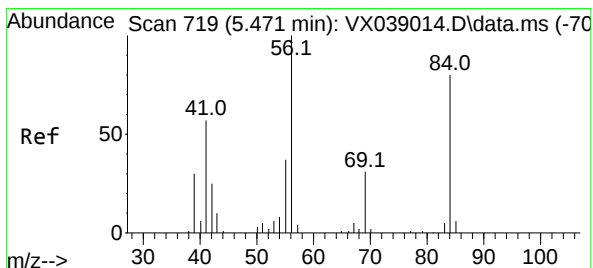
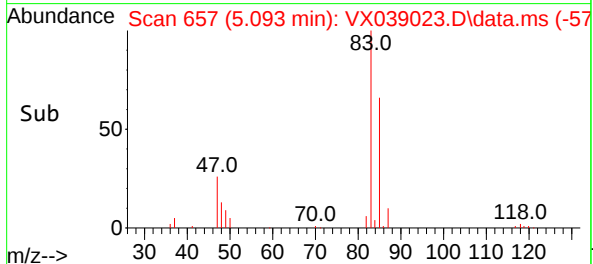
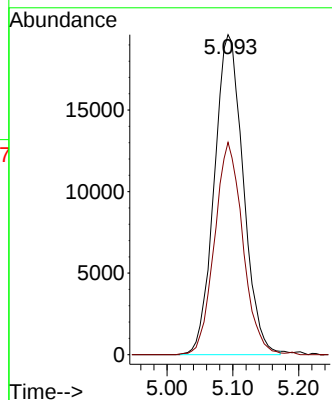
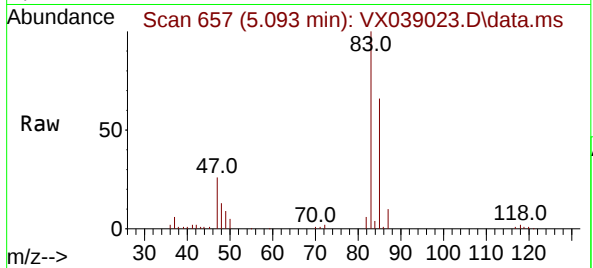
#25
Chloroform
Concen: 20.834 ug/l
RT: 5.093 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 83 Resp: 60120
Ion Ratio Lower Upper
83 100
85 66.1 54.6 81.8

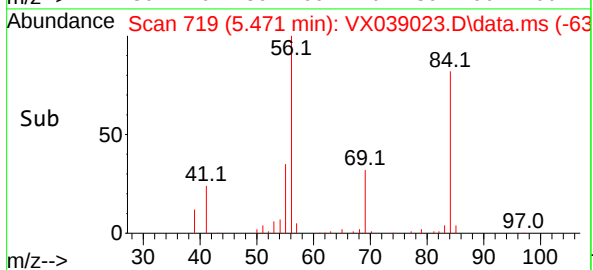
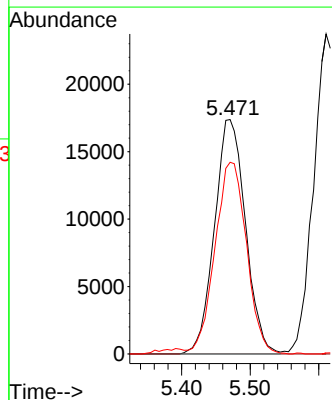
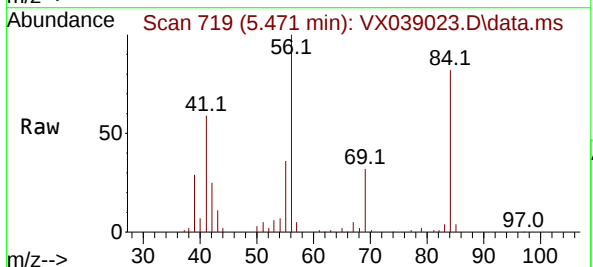
Manual Integrations
APPROVED

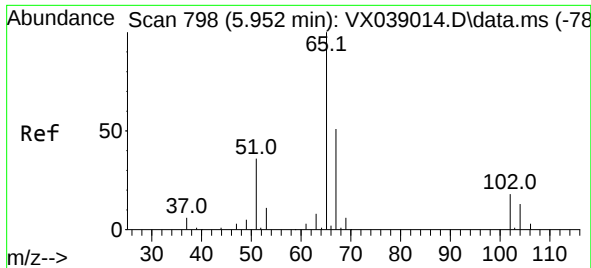
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 20.959 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 56 Resp: 54546
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.3 67.2 100.8





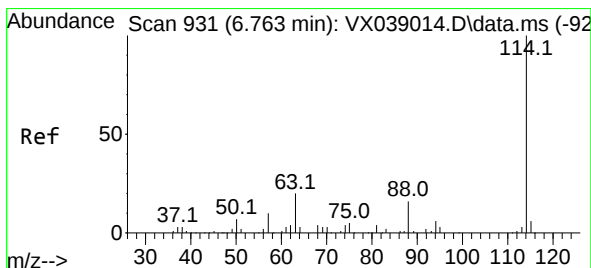
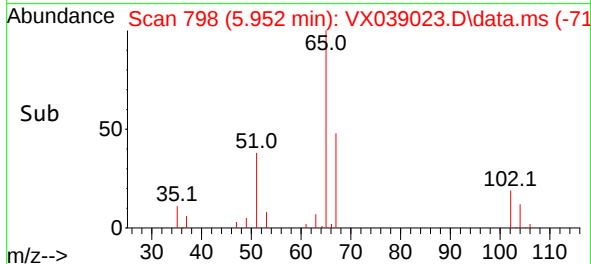
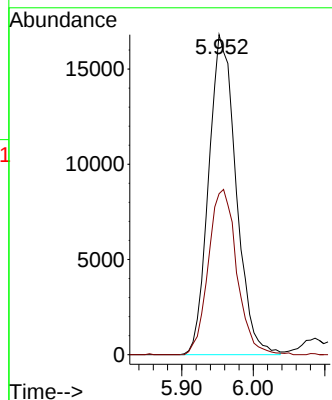
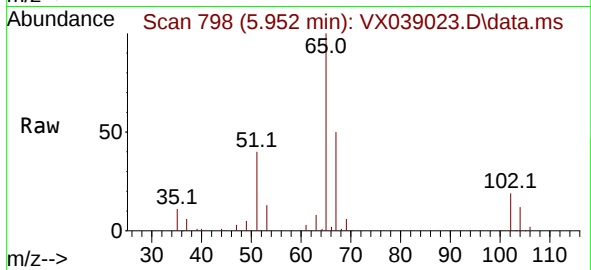
#27
1,2-Dichloroethane-d4
Concen: 32.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
Client Sample Id :
VX1124WBSD01

Tgt Ion: 65 Resp: 4487
Ion Ratio Lower Upper
65 100
67 53.4 42.5 63.7

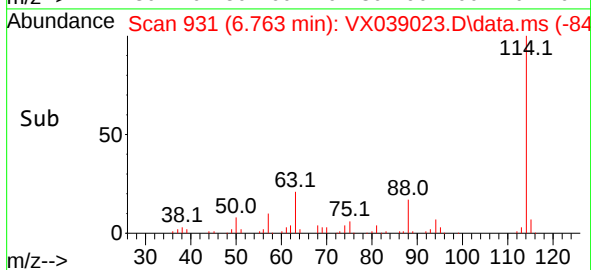
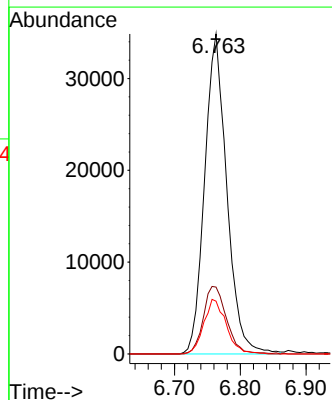
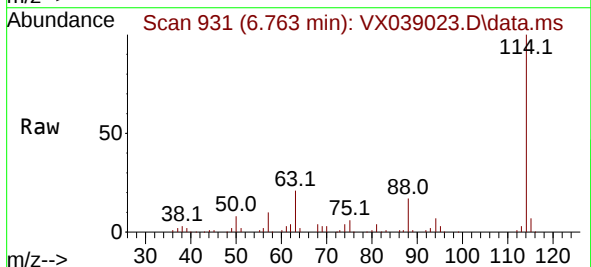
Manual Integrations
APPROVED

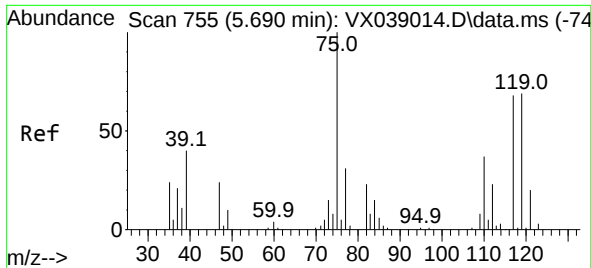
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:114 Resp: 81648
Ion Ratio Lower Upper
114 100
63 21.9 17.0 25.4
88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.960 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

Tgt Ion: 75 Resp: 45684

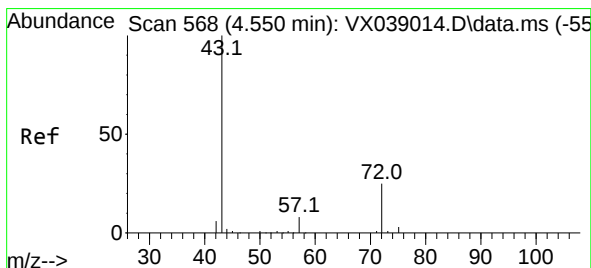
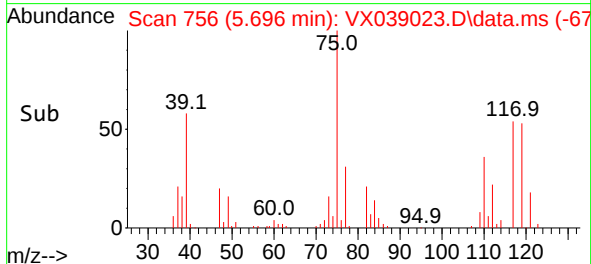
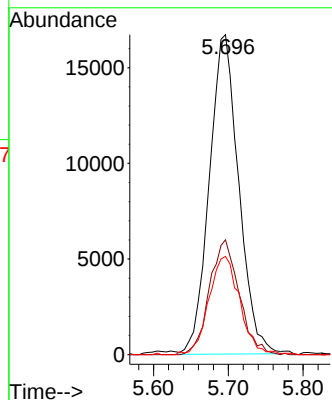
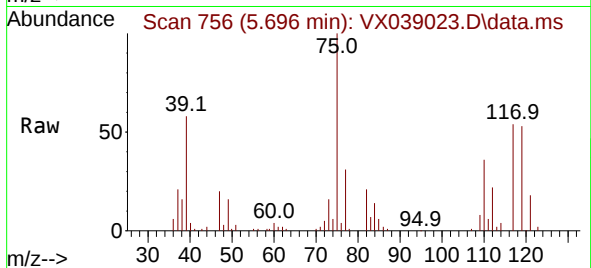
Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	71.2
77	31.7	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#30

2-Butanone

Concen: 95.269 ug/l

RT: 4.550 min Scan# 568

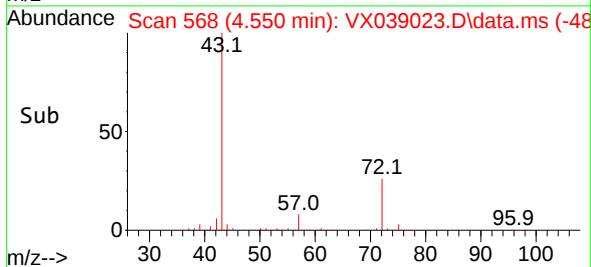
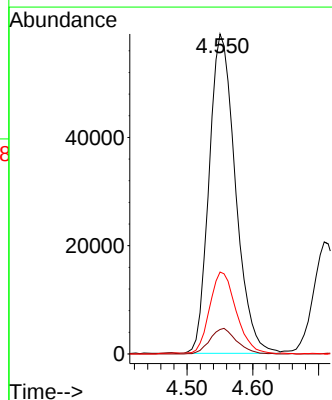
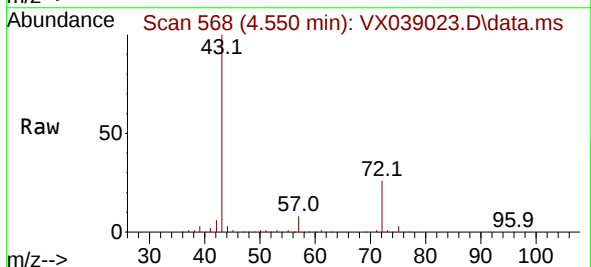
Delta R.T. 0.000 min

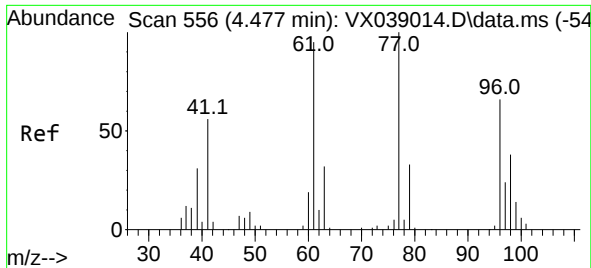
Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Tgt Ion: 43 Resp: 164173

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	10.0
72	26.0	20.6	31.0





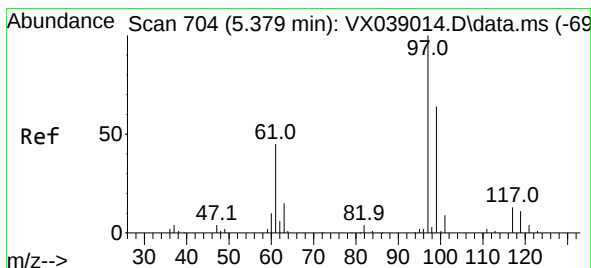
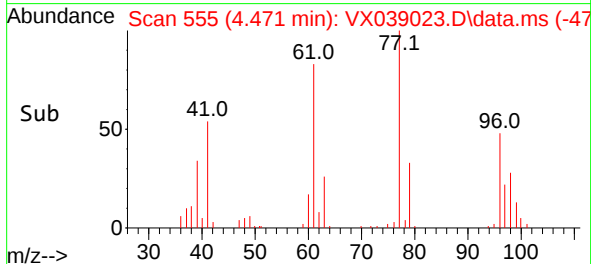
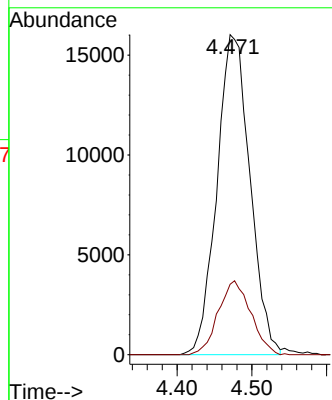
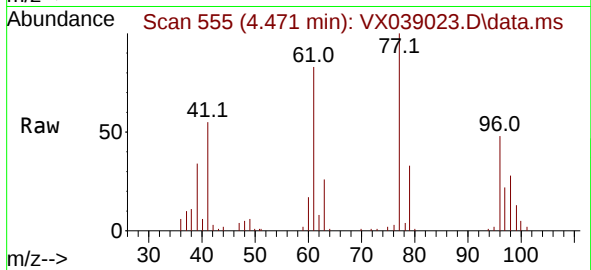
#31
2,2-Dichloropropane
Concen: 18.846 ug/l
RT: 4.471 min Scan# 518
Delta R.T. -0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 77 Resp: 49318
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.4

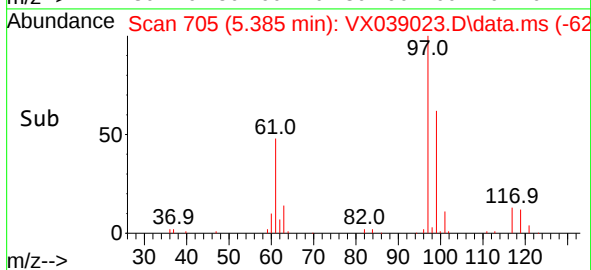
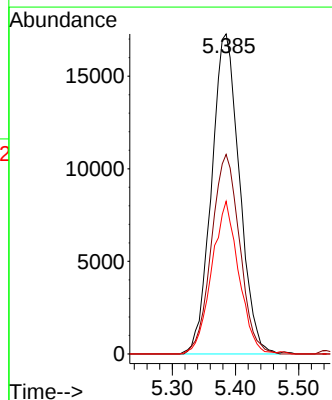
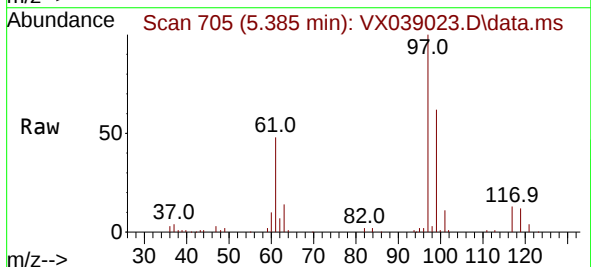
Manual Integrations
APPROVED

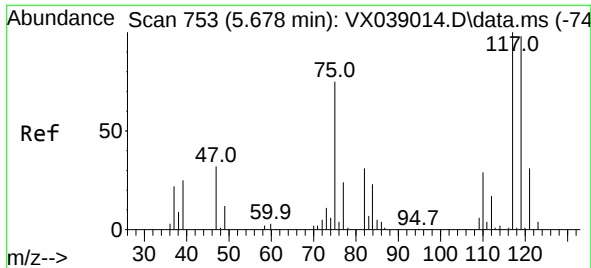
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 20.030 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 97 Resp: 52988
Ion Ratio Lower Upper
97 100
99 63.0 52.6 79.0
61 46.3 36.9 55.3





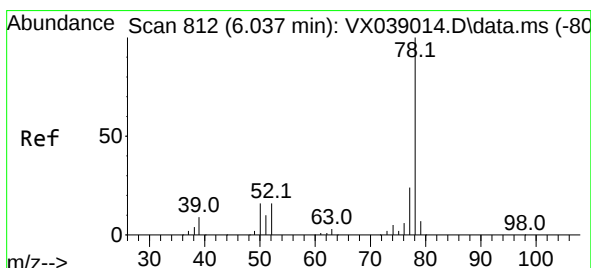
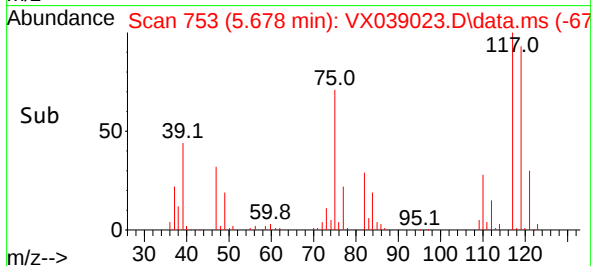
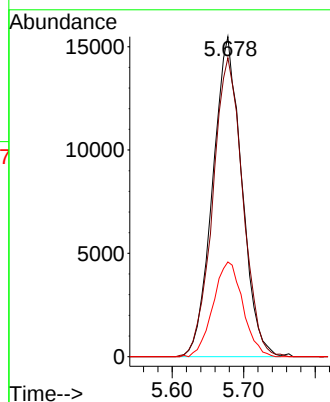
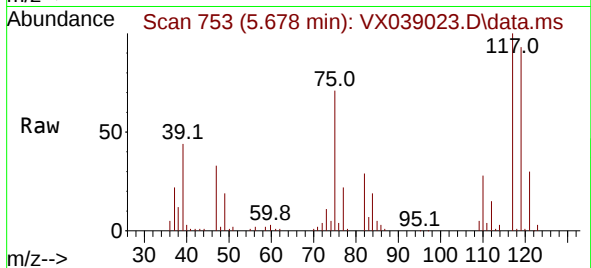
#33
Carbon Tetrachloride
Concen: 19.604 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion:117 Resp: 4368
Ion Ratio Lower Upper
117 100
119 93.0 78.2 117.4
121 29.6 24.7 37.1

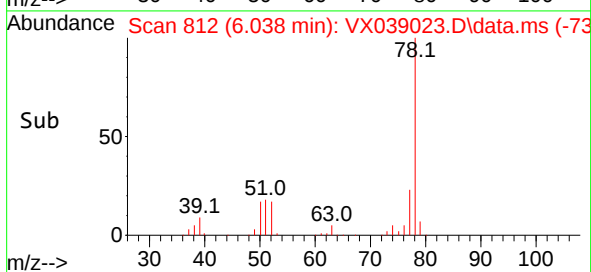
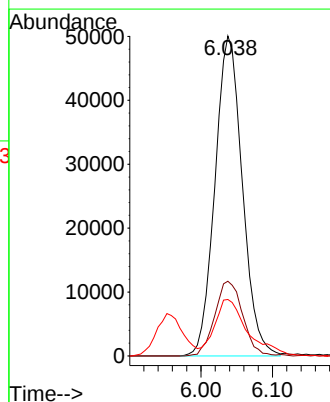
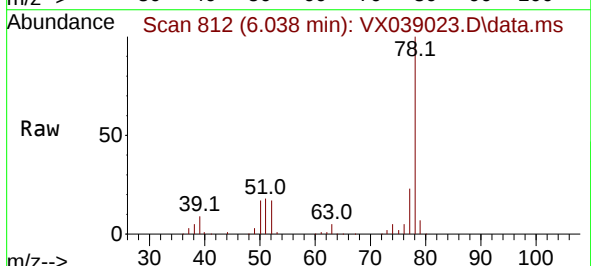
Manual Integrations
APPROVED

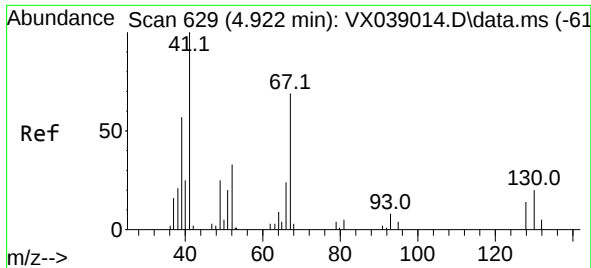
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 19.938 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 78 Resp: 132936
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 16.0 14.4 21.6





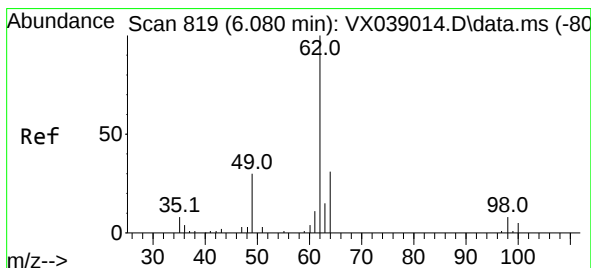
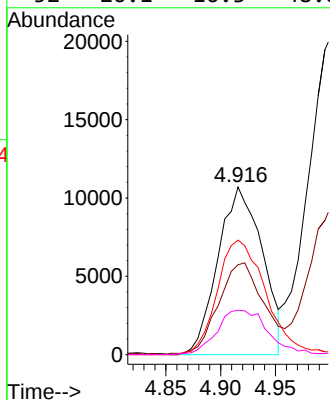
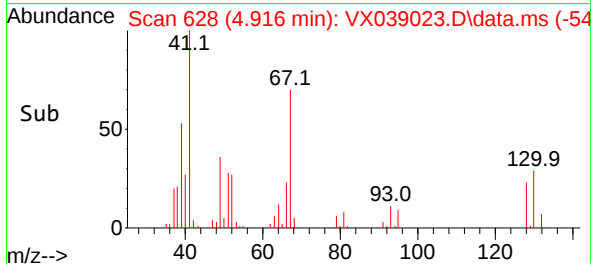
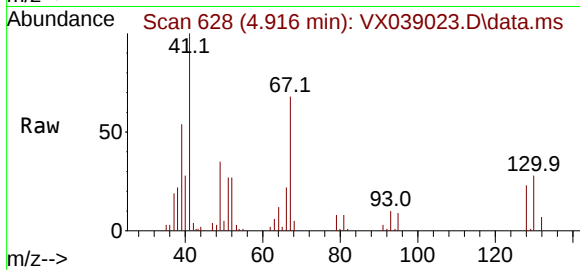
#35
Methacrylonitrile
Concen: 19.731 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion:	41	Resp:	30119
Ion Ratio	Lower	Upper	
41	100		
39	52.9	28.2	84.7
67	68.3	34.5	103.5
52	26.1	16.3	48.8

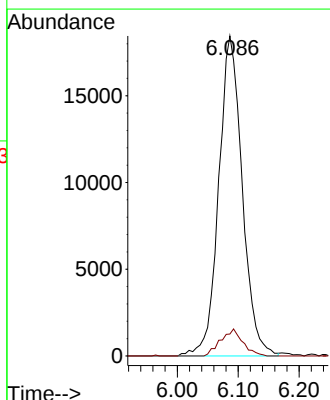
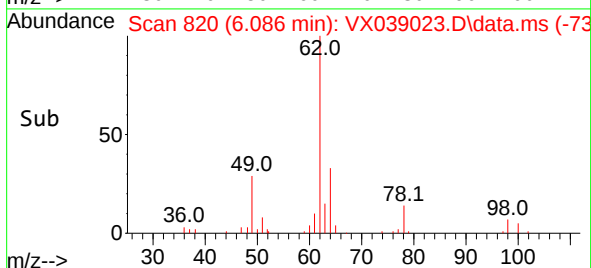
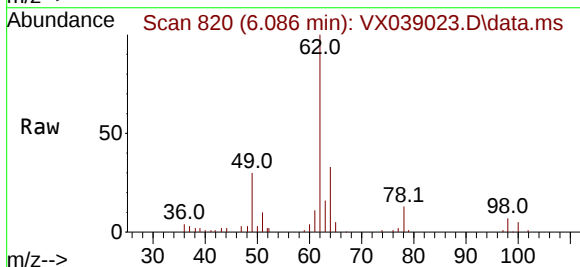
Manual Integrations
APPROVED

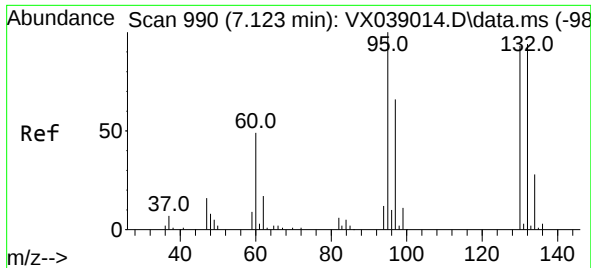
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 20.233 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

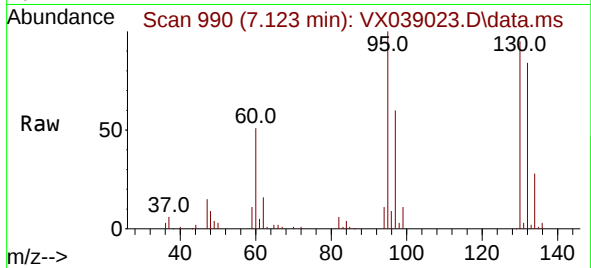
Tgt Ion:	62	Resp:	49498
Ion Ratio	Lower	Upper	
62	100		
98	7.9	7.0	10.4





#37
Trichloroethene
Concen: 19.837 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

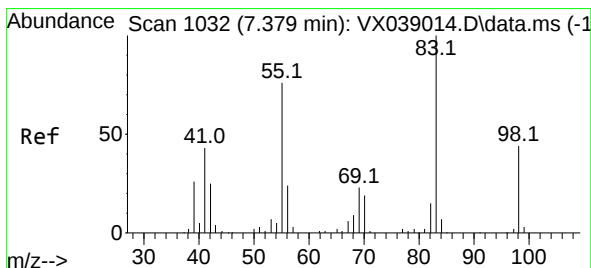
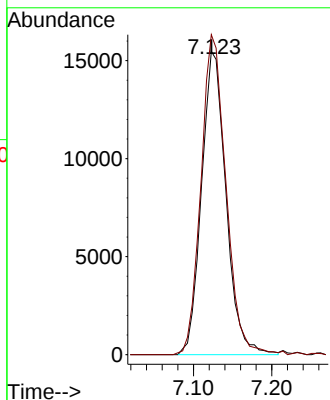
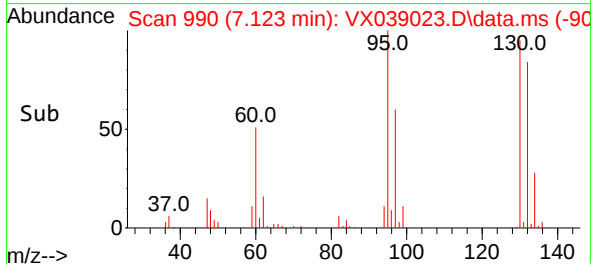
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



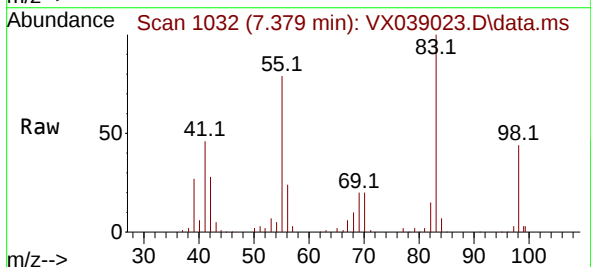
Tgt Ion:130 Resp: 33569
Ion Ratio Lower Upper
130 100
95 104.8 85.8 128.8

Manual Integrations
APPROVED

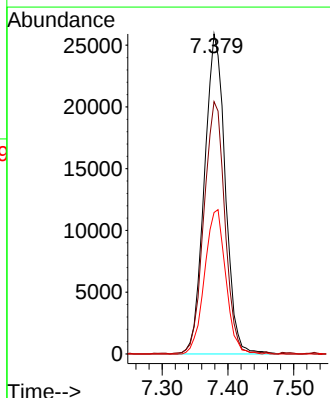
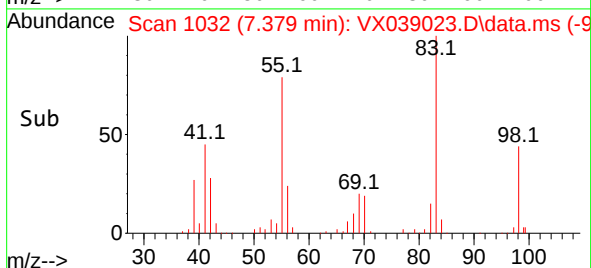
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

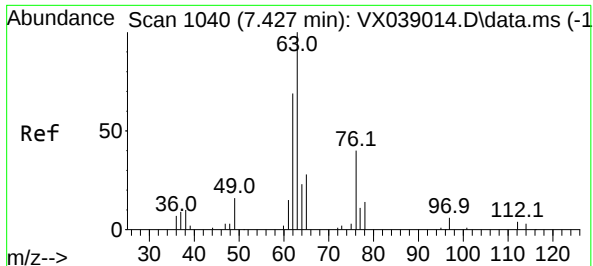


#38
Methylcyclohexane
Concen: 20.031 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



Tgt Ion: 83 Resp: 57126
Ion Ratio Lower Upper
83 100
55 78.9 38.6 116.0
98 45.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.821 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

Tgt Ion: 63 Resp: 3485

Ion Ratio Lower Upper

63 100

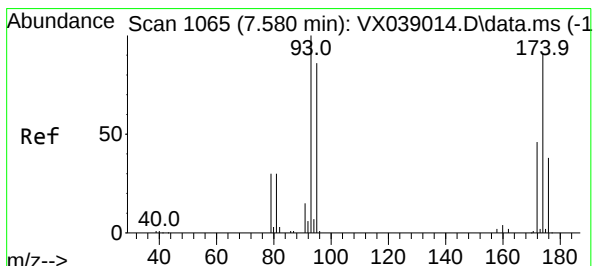
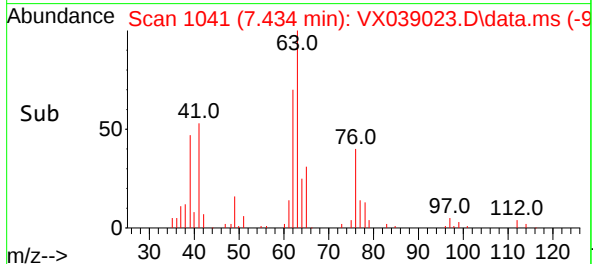
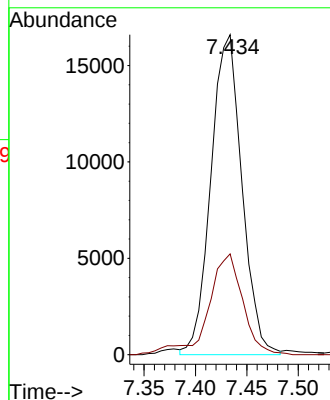
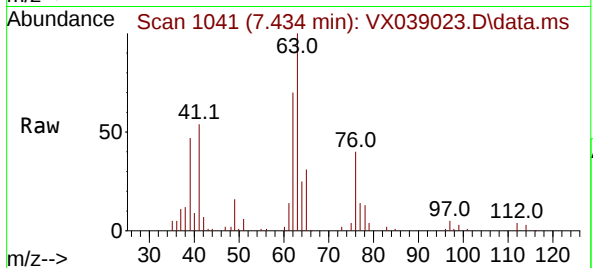
65 31.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 20.012 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

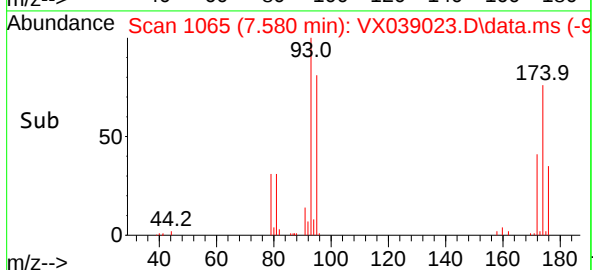
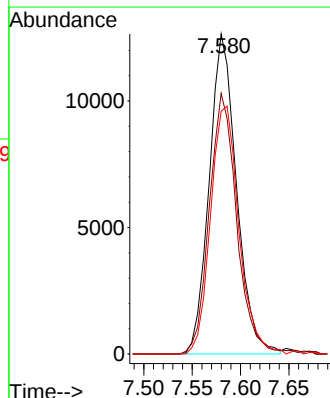
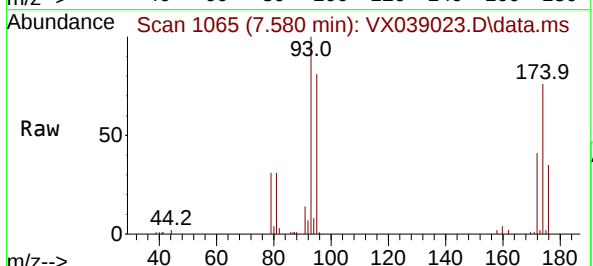
Tgt Ion: 93 Resp: 24863

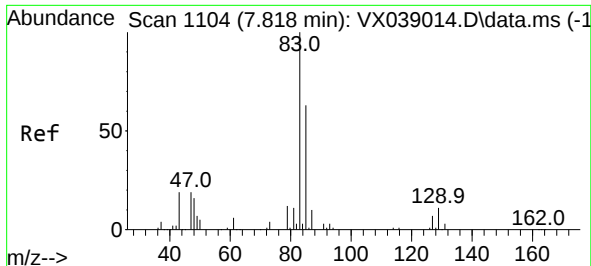
Ion Ratio Lower Upper

93 100

95 81.1 0.0 163.4

174 80.3 0.0 166.4





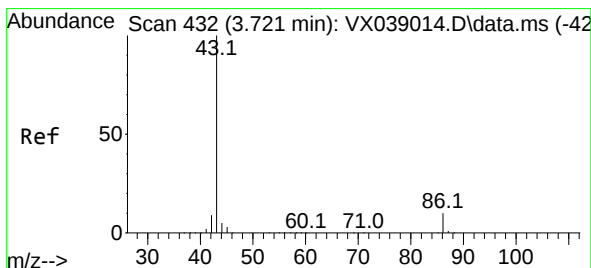
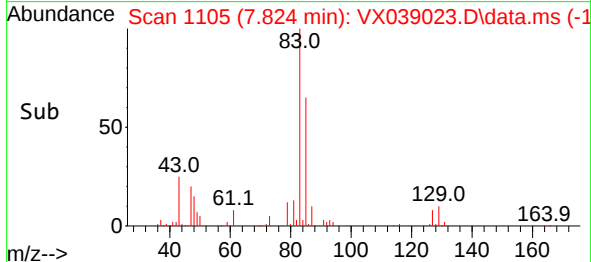
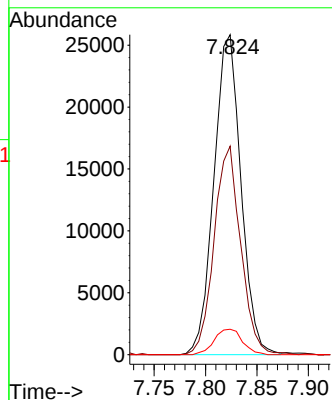
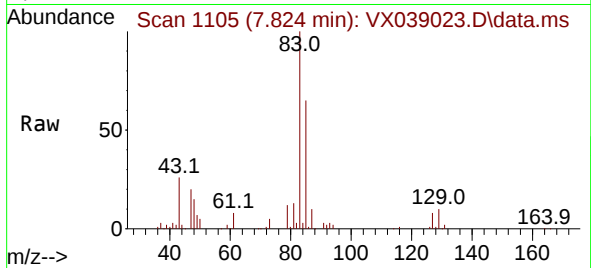
#41
Bromodichloromethane
Concen: 19.834 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 83 Resp: 4734
Ion Ratio Lower Upper
83 100
85 65.2 50.8 76.2
127 7.9 5.9 8.9

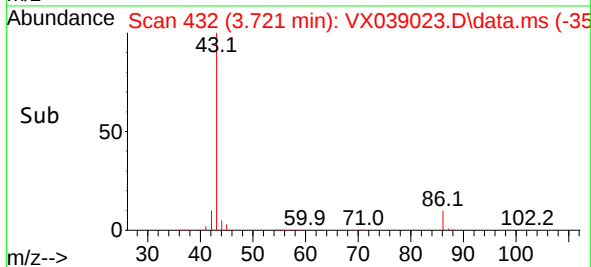
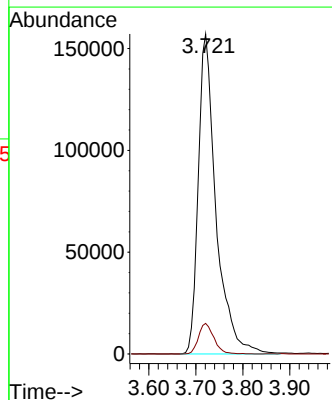
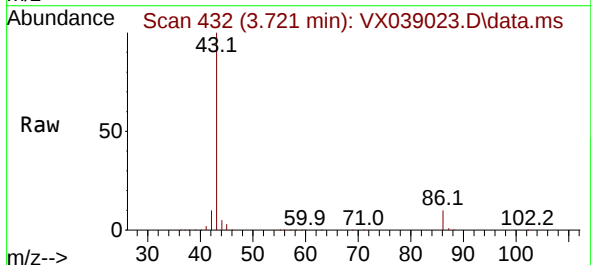
Manual Integrations
APPROVED

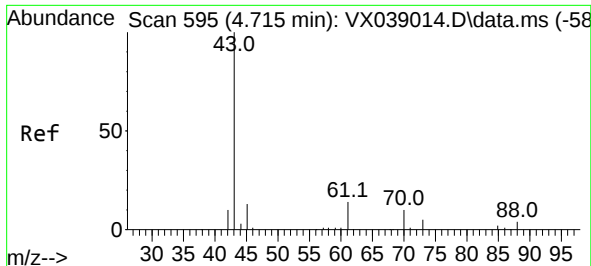
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 100.575 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 43 Resp: 412803
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1





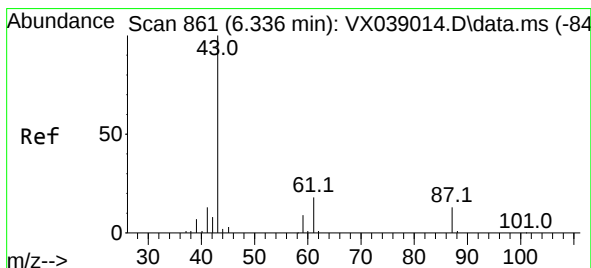
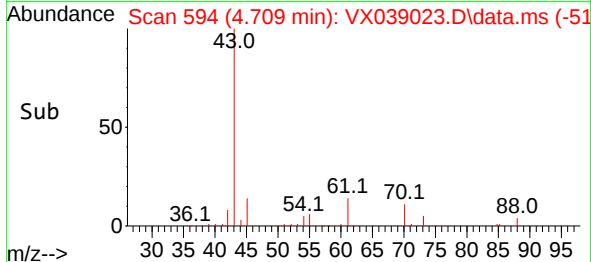
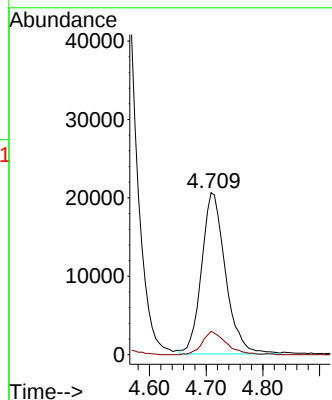
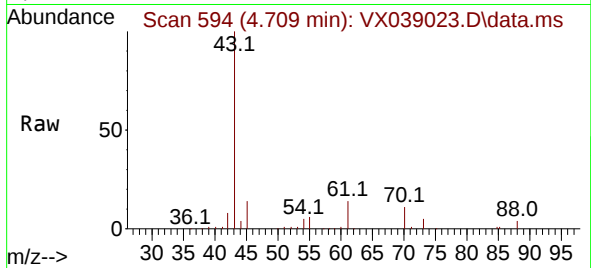
#43
Ethyl Acetate
Concen: 20.316 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 43 Resp: 6023
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.8

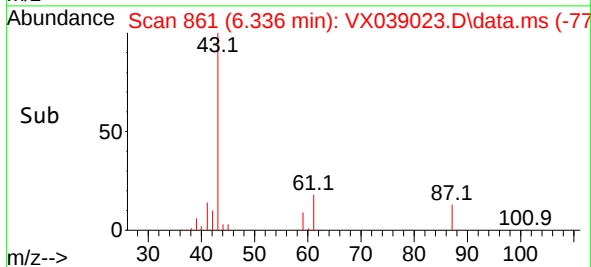
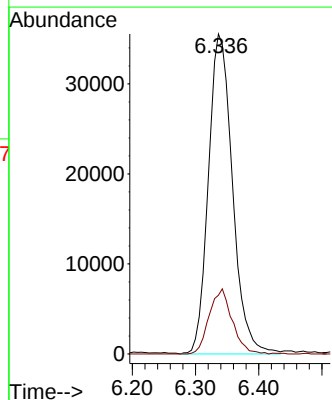
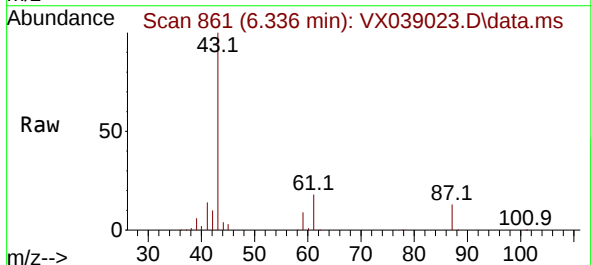
Manual Integrations
APPROVED

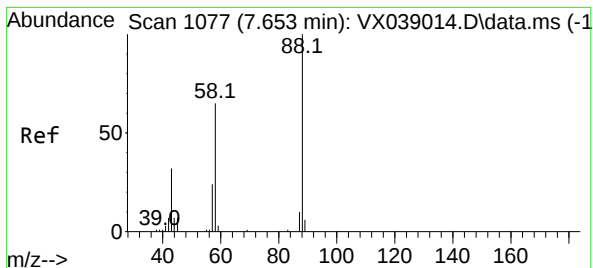
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 20.123 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 43 Resp: 94049
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





#45

1,4-Dioxane

Concen: 410.976 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

Tgt Ion: 88 Resp: 19608

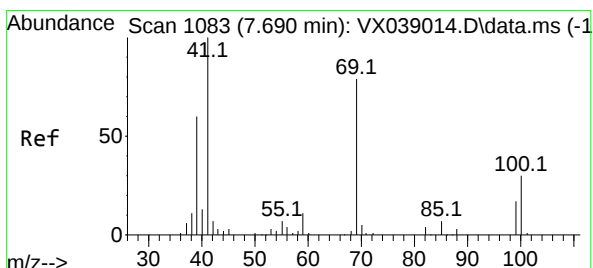
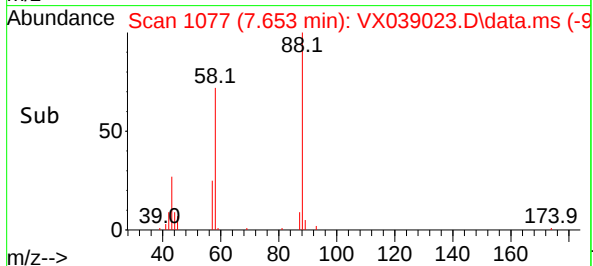
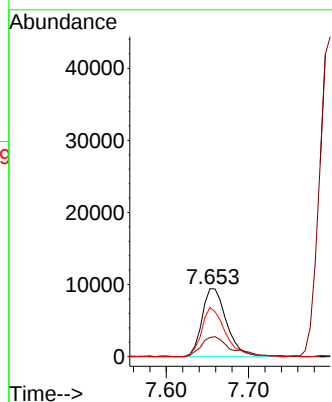
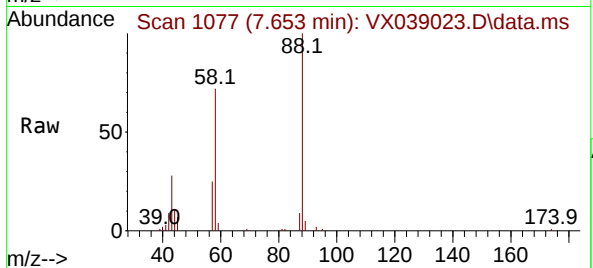
Ion	Ratio	Lower	Upper
88	100		
43	29.6	28.1	42.1
58	69.7	57.7	86.5

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#46

Methyl methacrylate

Concen: 20.450 ug/l

RT: 7.690 min Scan# 1083

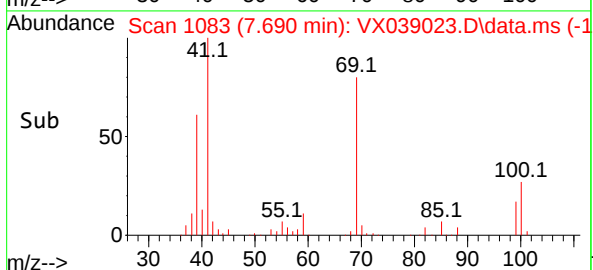
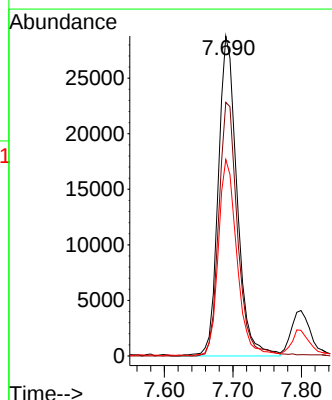
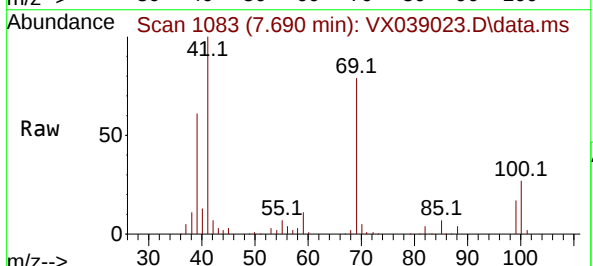
Delta R.T. 0.000 min

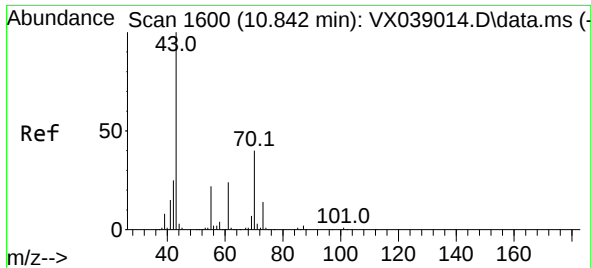
Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Tgt Ion: 41 Resp: 54646

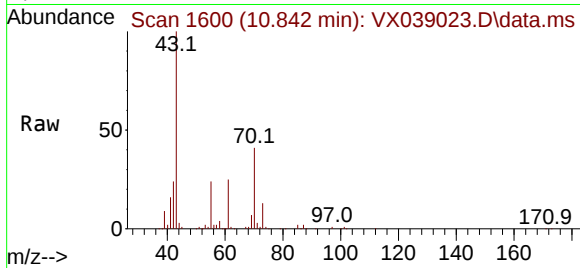
Ion	Ratio	Lower	Upper
41	100		
69	79.3	39.6	118.8
39	61.1	30.1	90.3





#47
n-amyl acetate
Concen: 19.084 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

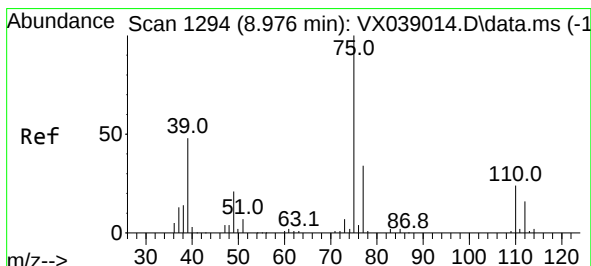
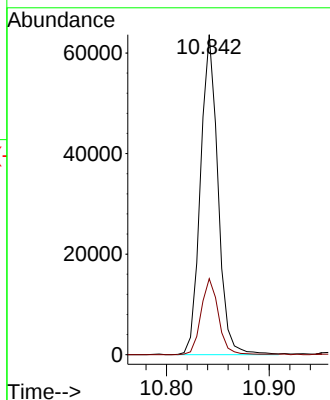
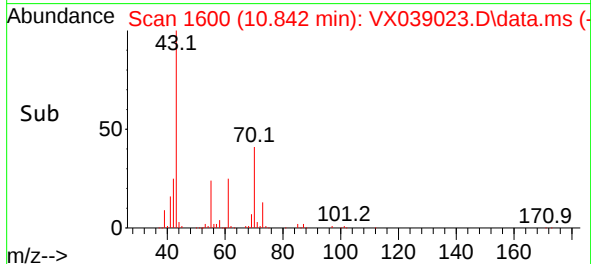
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 43 Resp: 7549
Ion Ratio Lower Upper
43 100
55 23.6 18.2 27.2

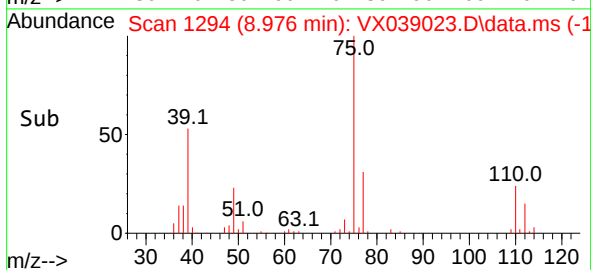
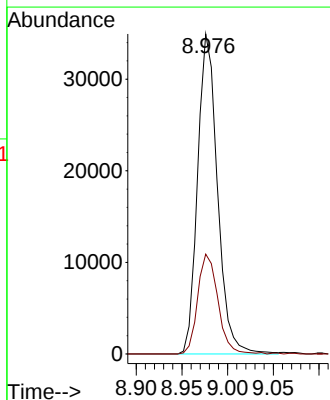
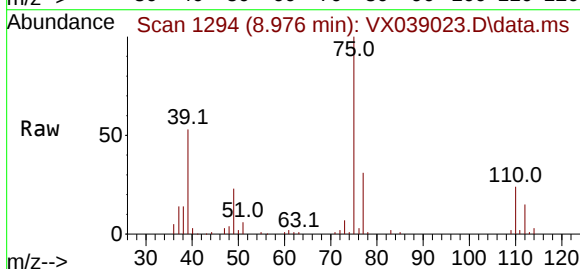
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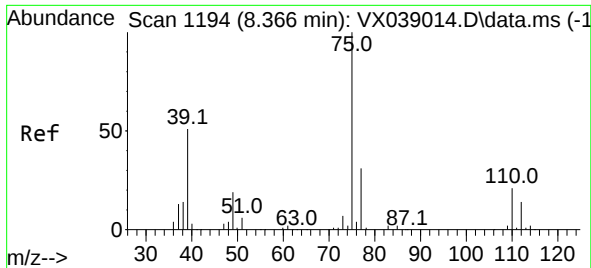
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.113 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

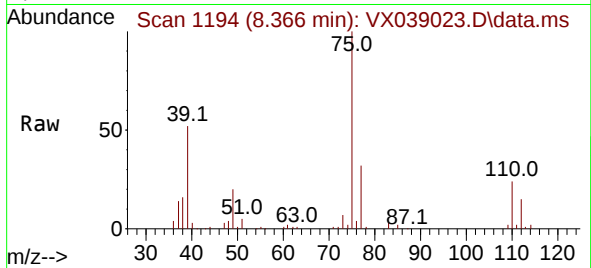
Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
77 31.2 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.960 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46

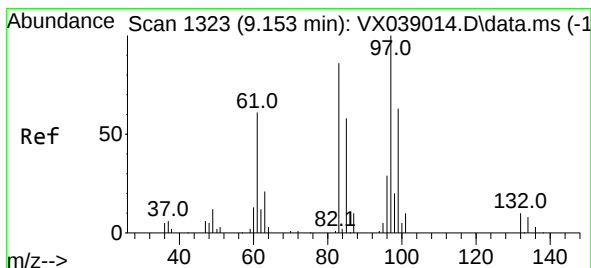
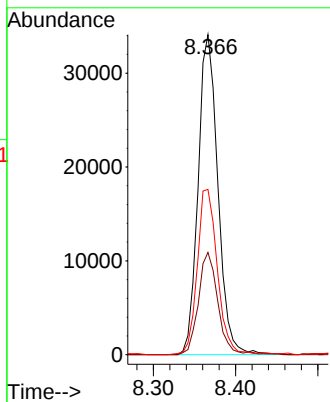
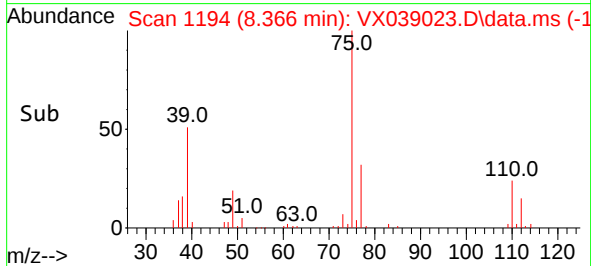
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01



Tgt Ion: 75 Resp: 5698
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 51.4 40.6 60.8

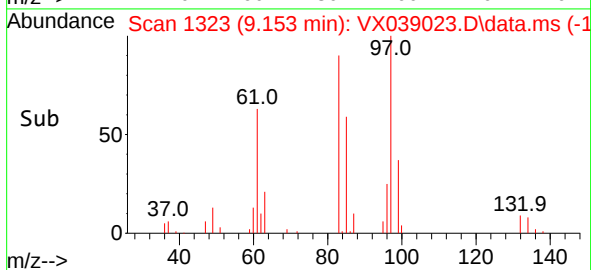
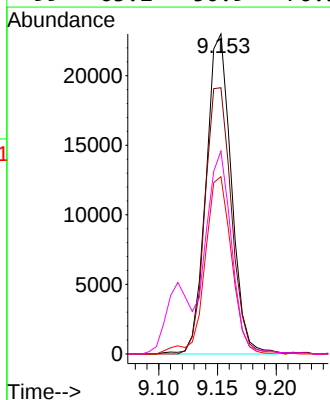
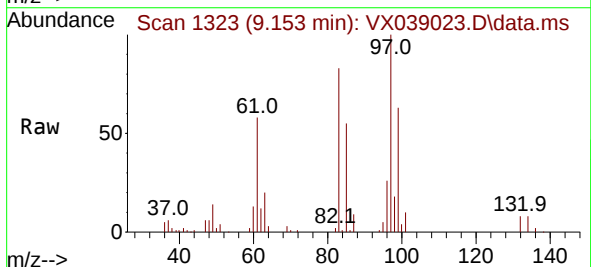
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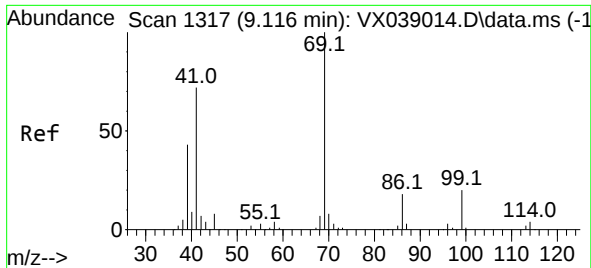
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.317 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46

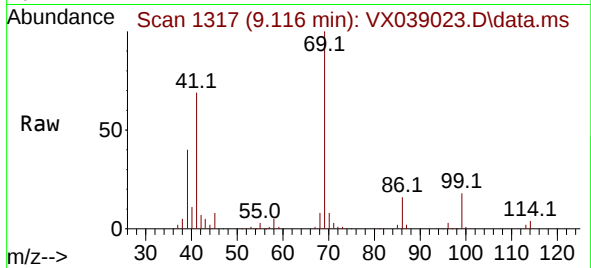
Tgt Ion: 97 Resp: 34290
 Ion Ratio Lower Upper
 97 100
 83 83.5 69.0 103.6
 85 55.2 46.3 69.5
 99 63.2 50.9 76.3





#51
Ethyl methacrylate
Concen: 19.827 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

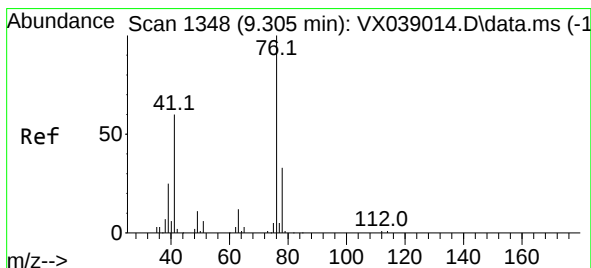
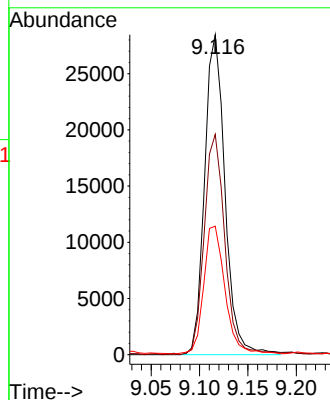
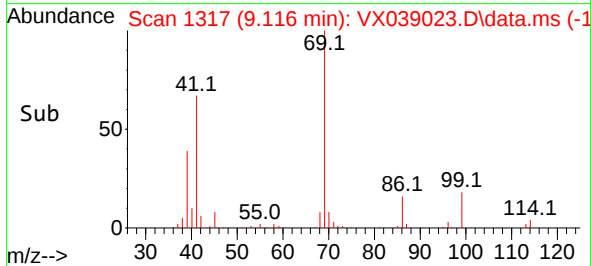
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



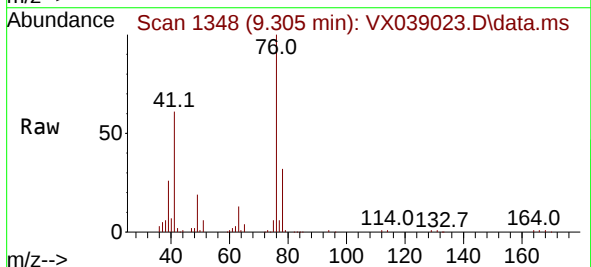
Tgt Ion: 69 Resp: 4188
Ion Ratio Lower Upper
69 100
41 68.9 36.2 108.6
39 39.8 21.1 63.4

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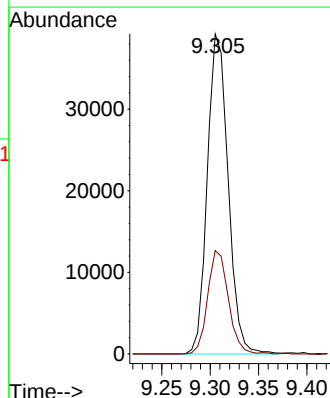
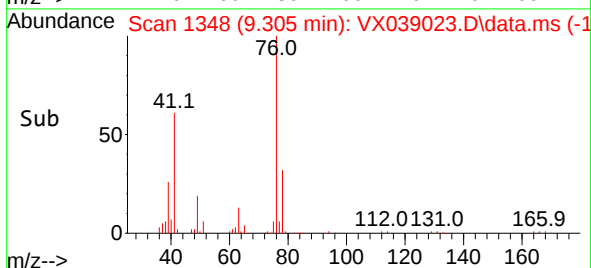
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

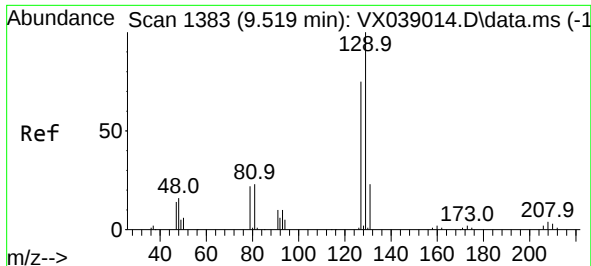


#52
1,3-Dichloropropane
Concen: 20.313 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



Tgt Ion: 76 Resp: 58786
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





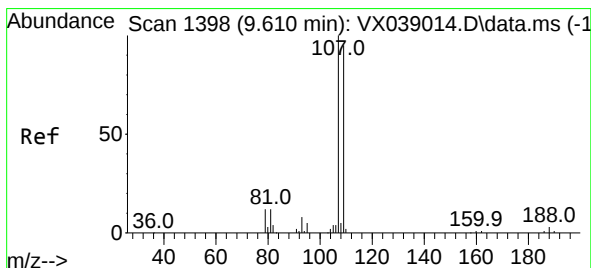
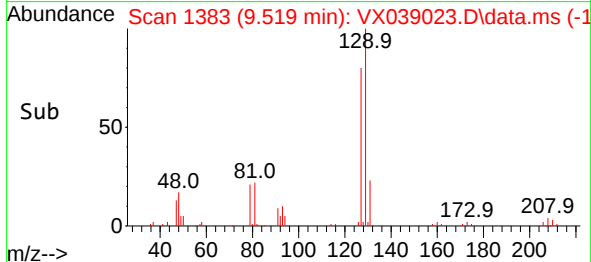
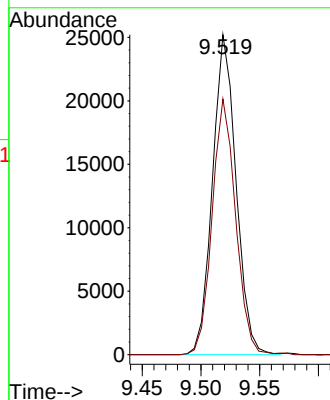
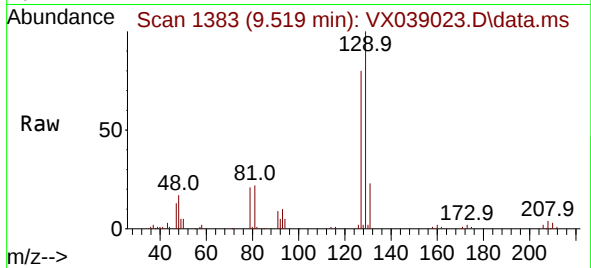
#53
Dibromochloromethane
Concen: 19.399 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion:129 Resp: 35162
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.9

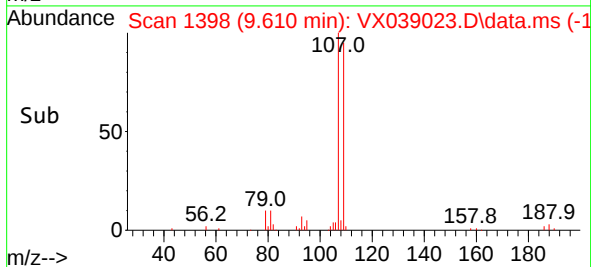
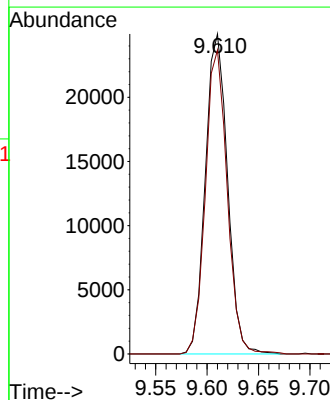
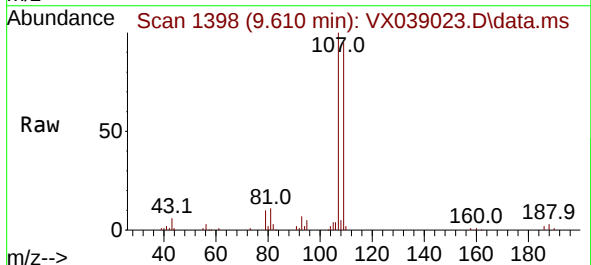
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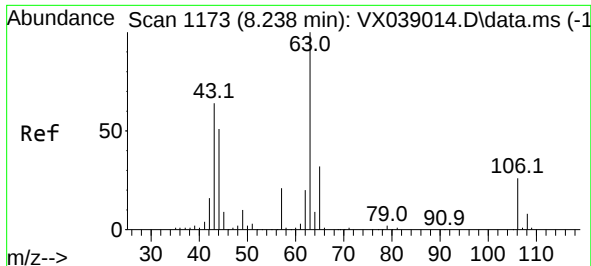
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#54
1,2-Dibromoethane
Concen: 20.228 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:107 Resp: 37438
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





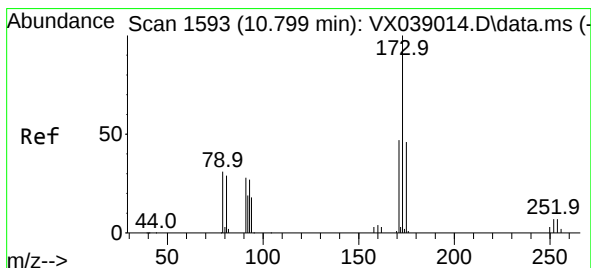
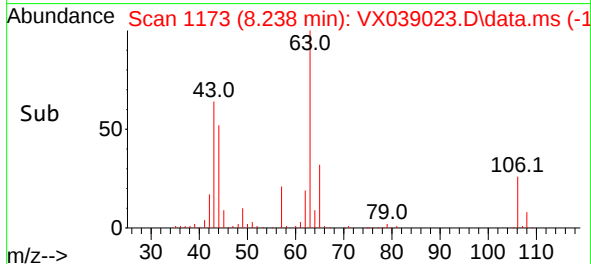
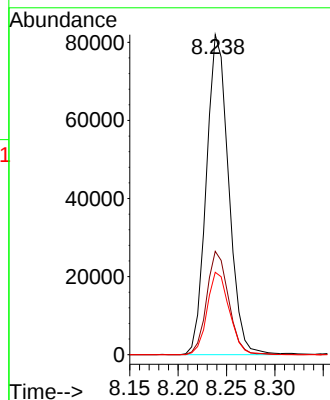
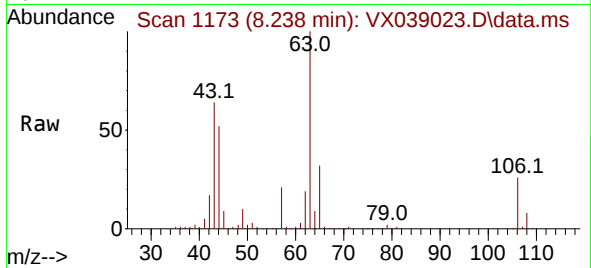
#55
2-Chloroethyl vinyl ether
Concen: 98.352 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 63 Resp: 13170
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6
106 25.7 20.6 31.0

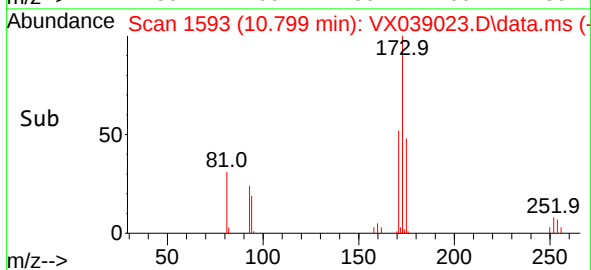
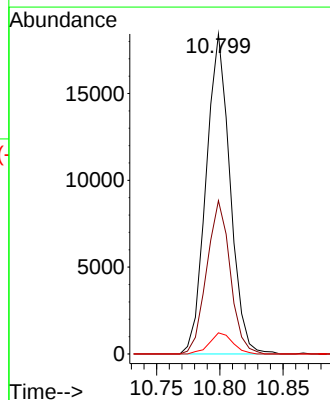
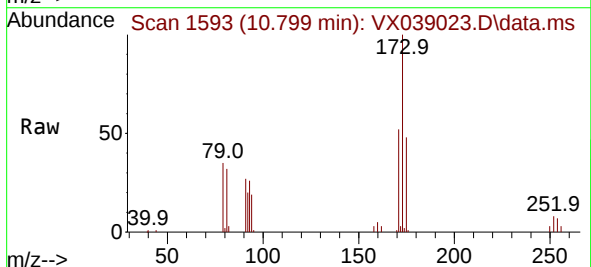
Manual Integrations
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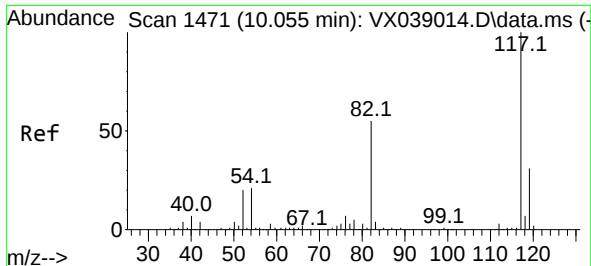
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 18.551 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:173 Resp: 24268
Ion Ratio Lower Upper
173 100
175 47.1 37.6 56.4
254 6.4 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

Tgt Ion:117 Resp: 103568

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.6

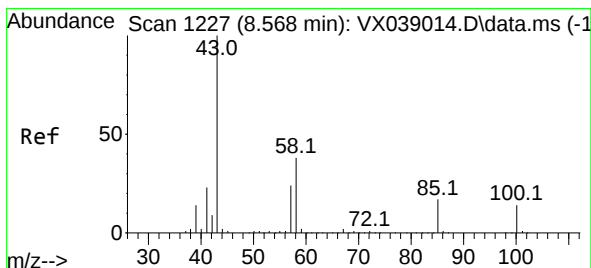
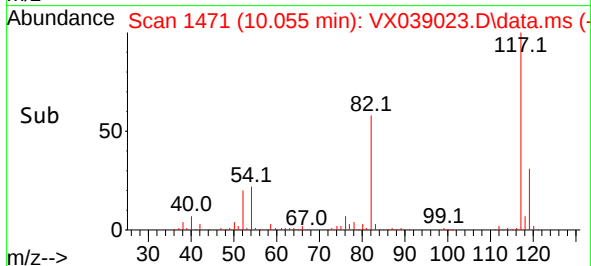
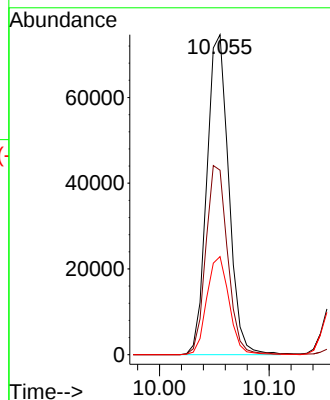
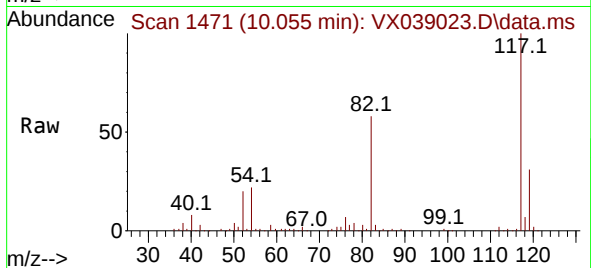
119 31.3 25.2 37.8

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#58

4-Methyl-2-Pentanone

Concen: 100.646 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

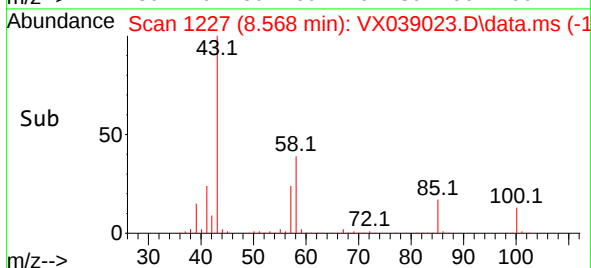
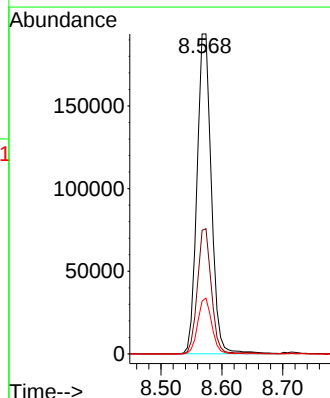
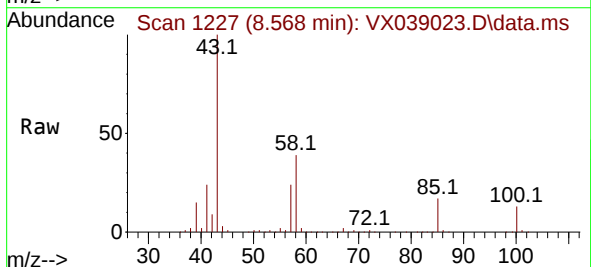
Tgt Ion: 43 Resp: 316095

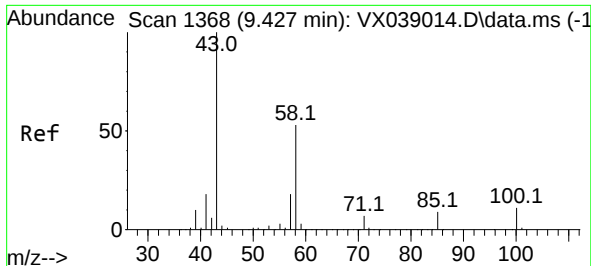
Ion Ratio Lower Upper

43 100

58 37.9 30.1 45.1

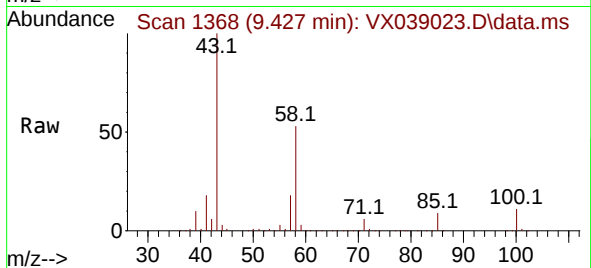
85 17.0 13.9 20.9





#59
2-Hexanone
Concen: 97.051 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

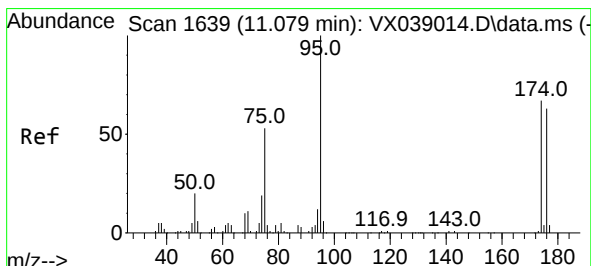
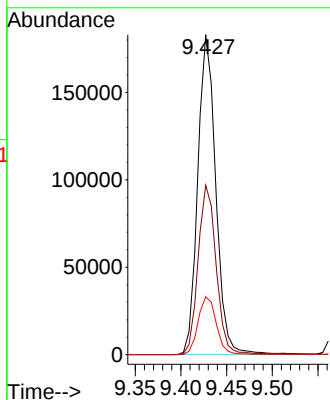
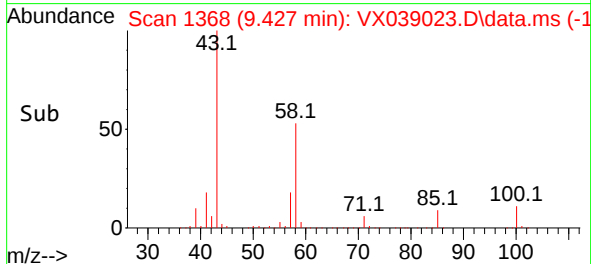
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 43 Resp: 250198
Ion Ratio Lower Upper
43 100
58 53.3 42.7 64.1
57 18.3 14.8 22.2

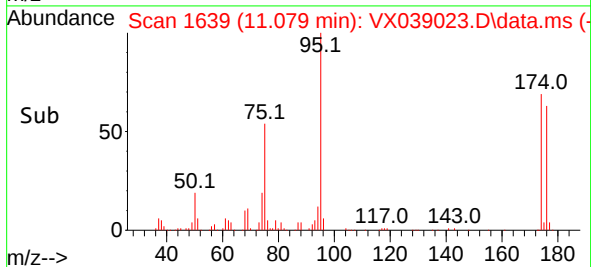
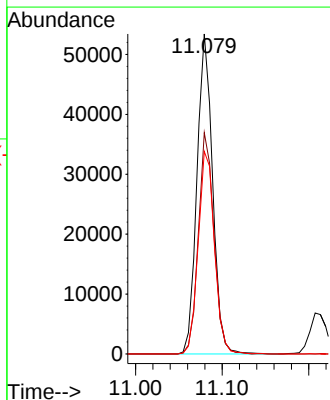
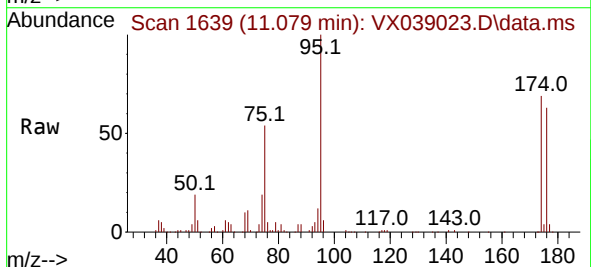
Manual Integrations
APPROVED

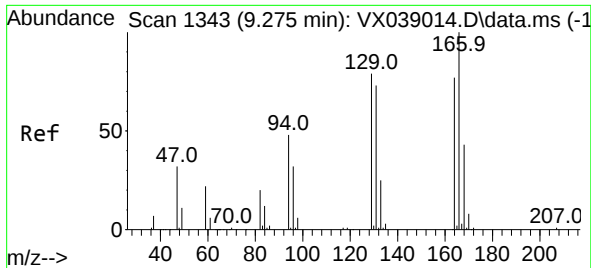
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 29.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

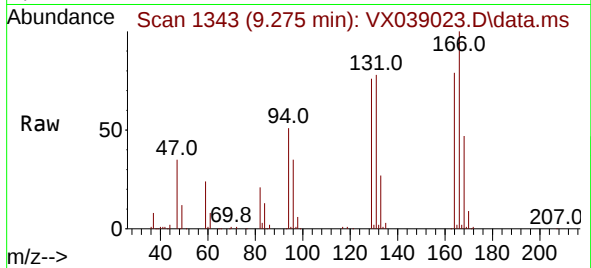
Tgt Ion: 95 Resp: 66975
Ion Ratio Lower Upper
95 100
174 69.0 55.4 83.2
176 65.8 52.6 78.8





#61
Tetrachloroethene
Concen: 19.925 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

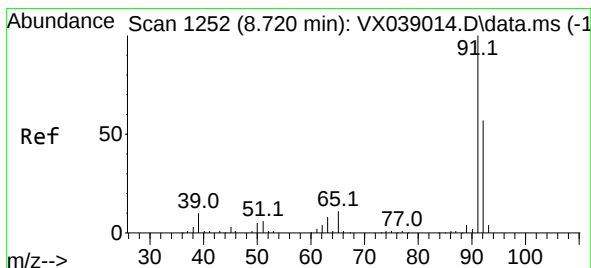
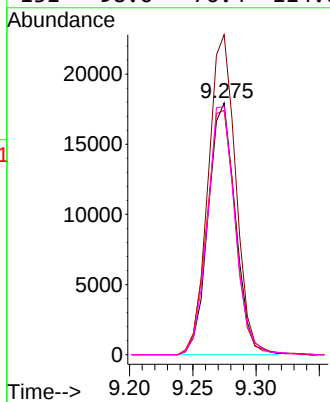
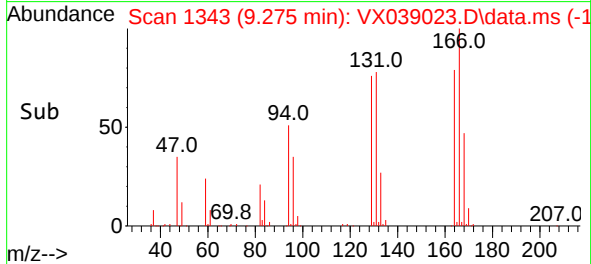
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



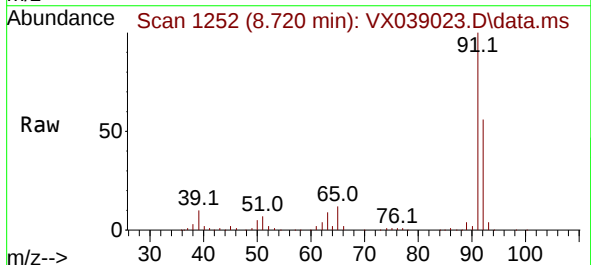
Tgt Ion:164 Resp: 26830
Ion Ratio Lower Upper
164 100
166 127.2 104.0 156.0
129 97.1 82.0 123.0
131 98.6 76.4 114.6

Manual Integrations
APPROVED

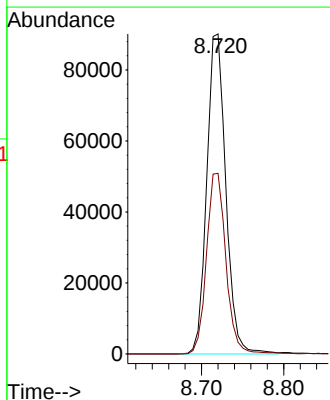
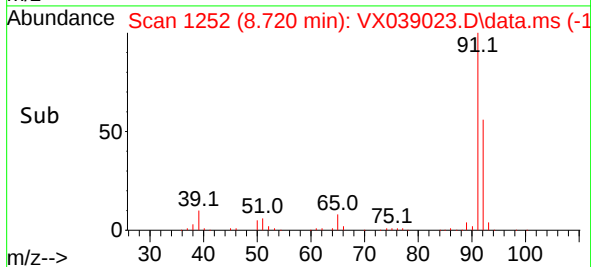
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

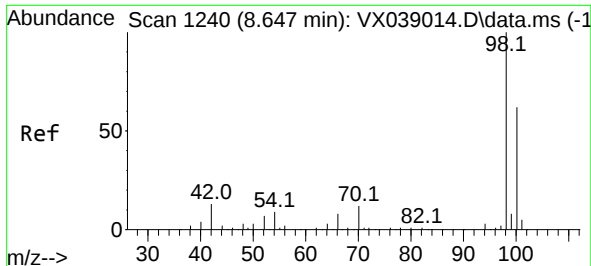


#62
Toluene
Concen: 19.774 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



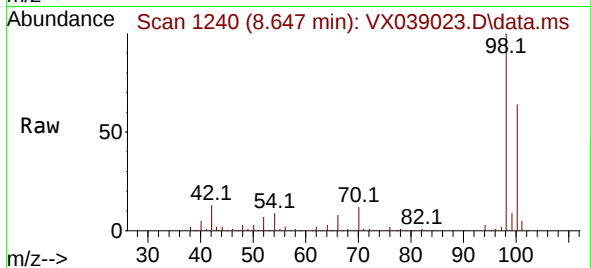
Tgt Ion: 91 Resp: 145400
Ion Ratio Lower Upper
91 100
92 57.6 45.9 68.9





#63
Toluene-d8
Concen: 29.836 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

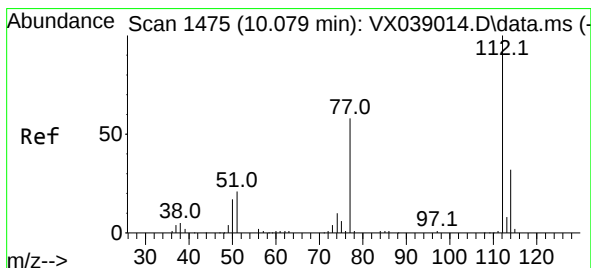
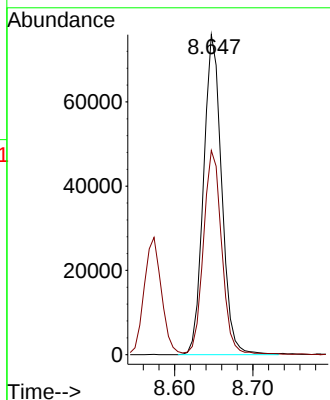
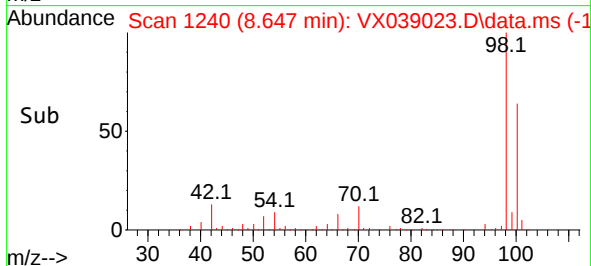
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 98 Resp: 122168
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.4

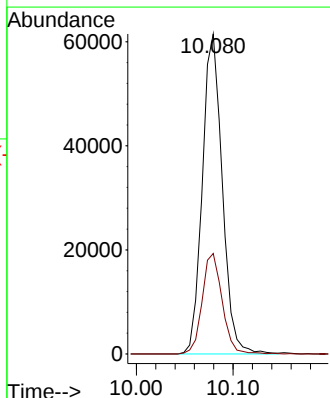
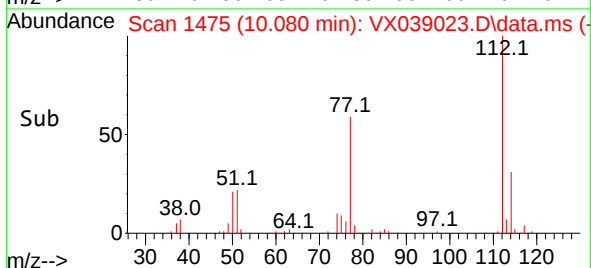
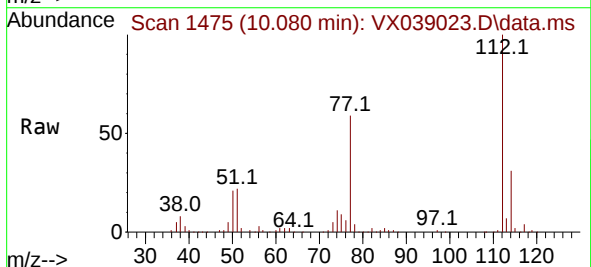
Manual Integrations
APPROVED

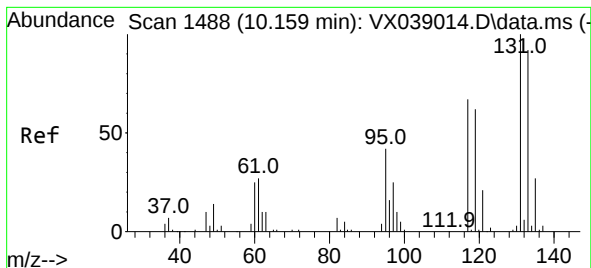
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#64
Chlorobenzene
Concen: 19.740 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:112 Resp: 88292
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9





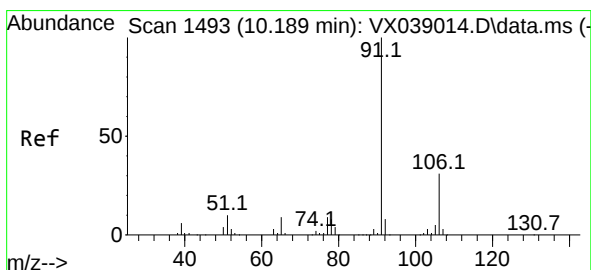
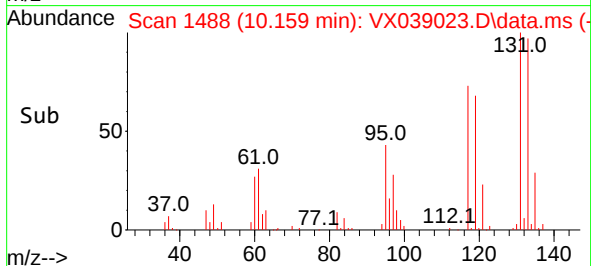
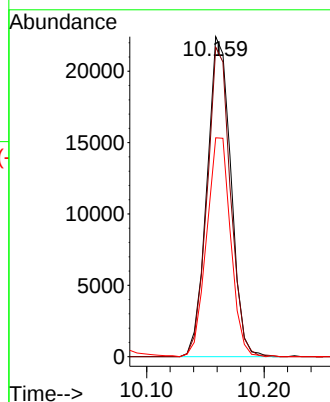
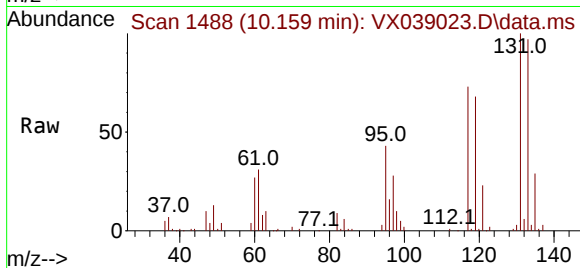
#65
1,1,1,2-Tetrachloroethane
Concen: 19.692 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion:131 Resp: 31720
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.8
119 68.6 0.0 135.4

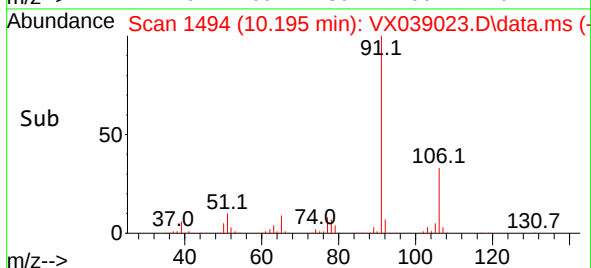
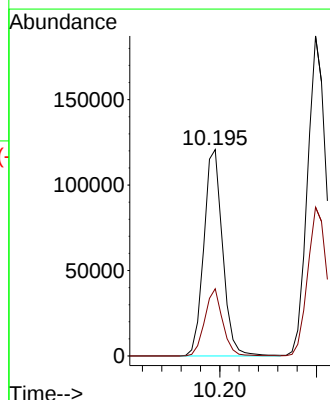
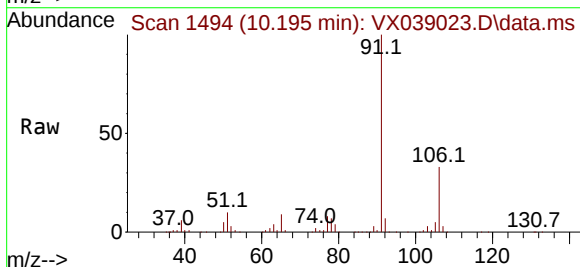
Manual Integrations
APPROVED

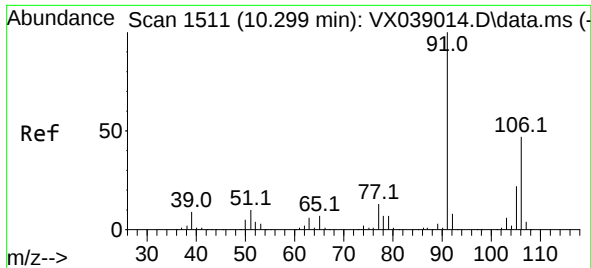
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 19.518 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 91 Resp: 163420
Ion Ratio Lower Upper
91 100
106 32.5 24.4 36.6





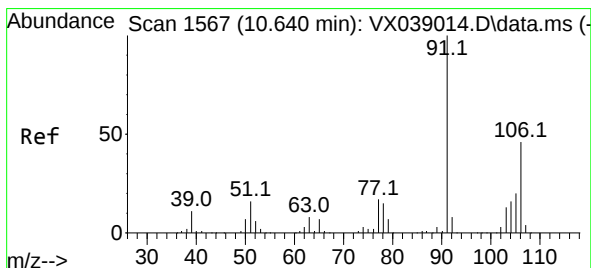
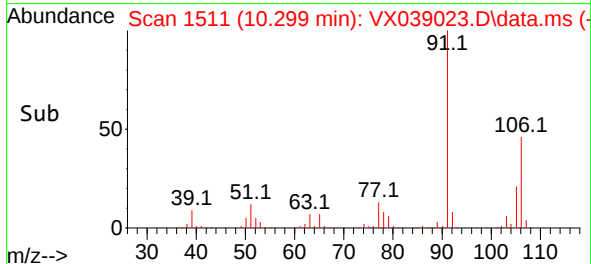
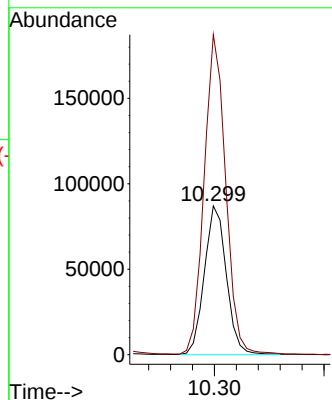
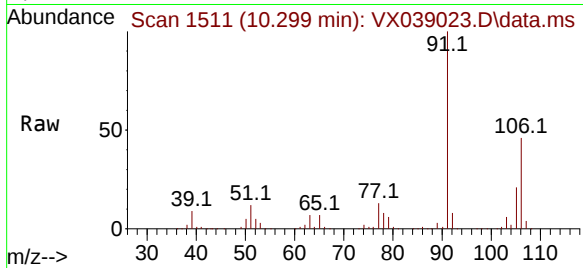
#67
m/p-Xylenes
Concen: 39.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion:106 Resp: 121462
Ion Ratio Lower Upper
106 100
91 210.5 169.4 254.0

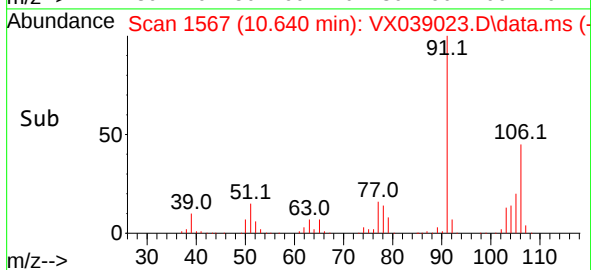
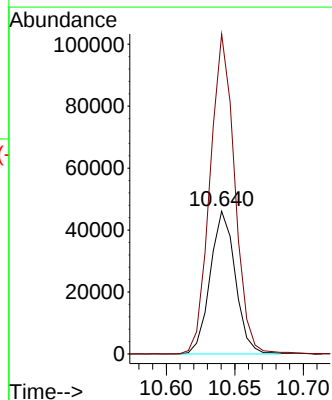
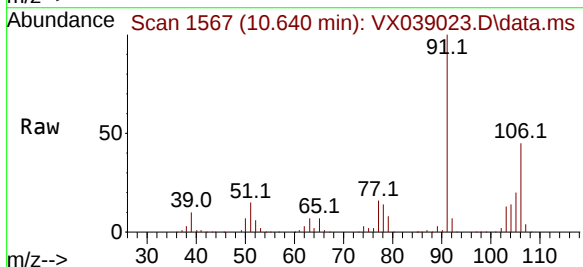
Manual Integrations
APPROVED

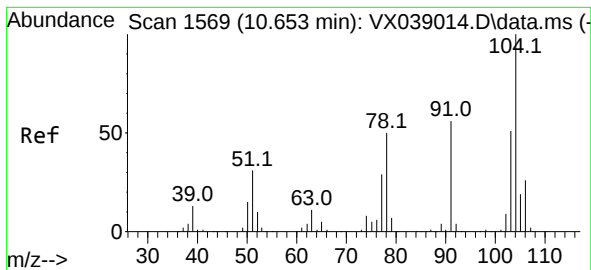
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 19.589 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:106 Resp: 58709
Ion Ratio Lower Upper
106 100
91 220.4 111.2 333.6





#69

Styrene

Concen: 19.472 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

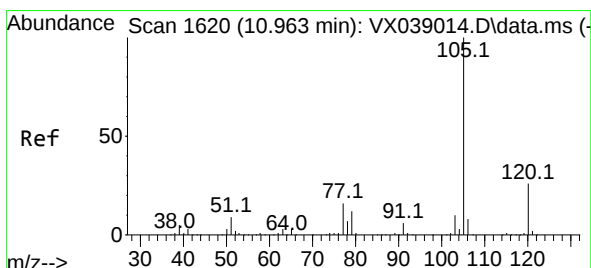
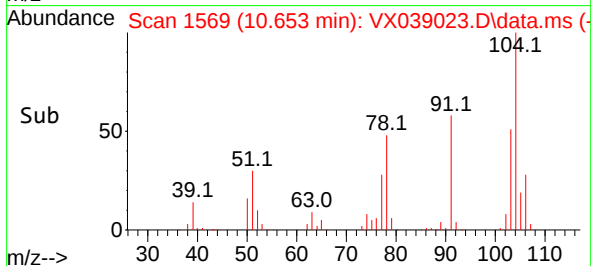
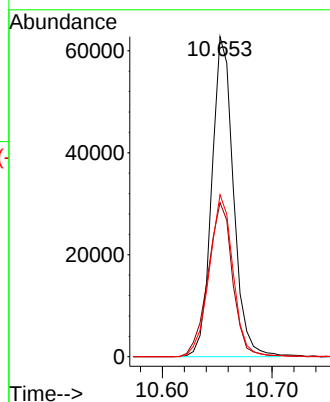
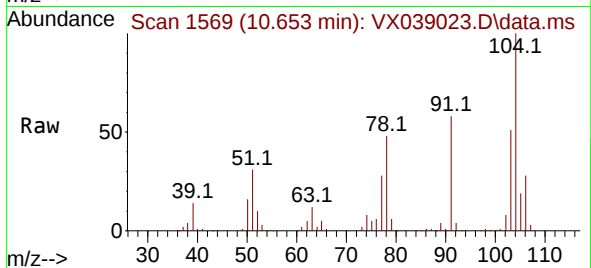
Tgt Ion:104 Resp: 86360
 Ion Ratio Lower Upper
 104 100
 78 54.5 43.7 65.5
 103 55.5 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 19.603 ug/l

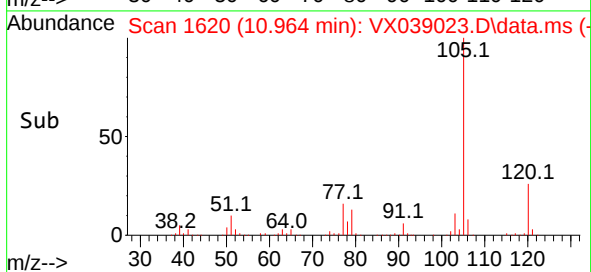
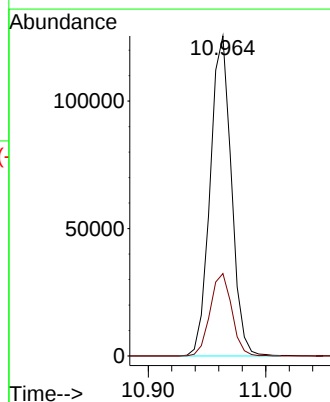
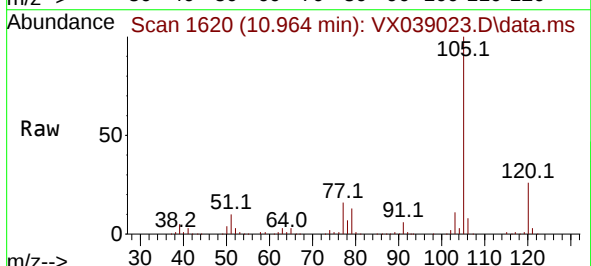
RT: 10.964 min Scan# 1620

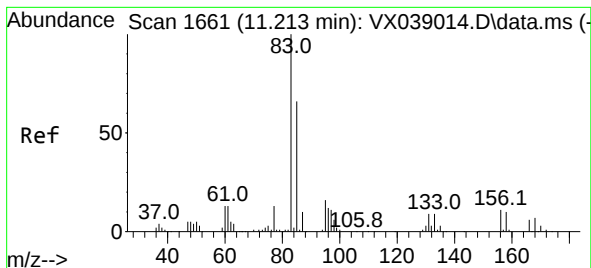
Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Tgt Ion:105 Resp: 157184
 Ion Ratio Lower Upper
 105 100
 120 26.3 18.5 34.3





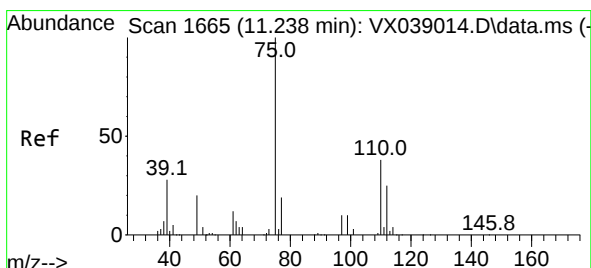
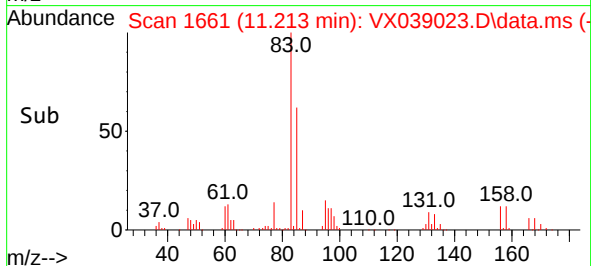
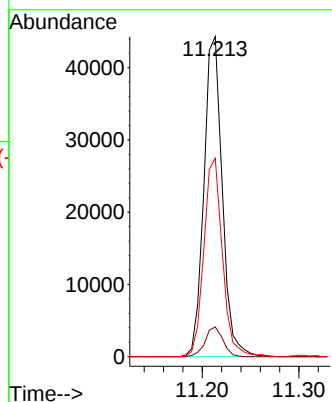
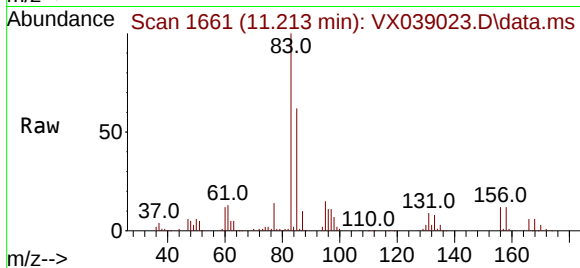
#71
1,1,2,2-Tetrachloroethane
Concen: 19.586 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 83 Resp: 58630
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 62.5 32.5 97.4

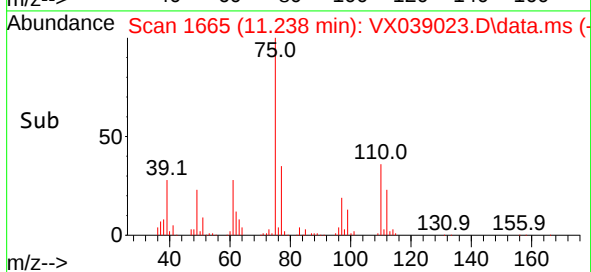
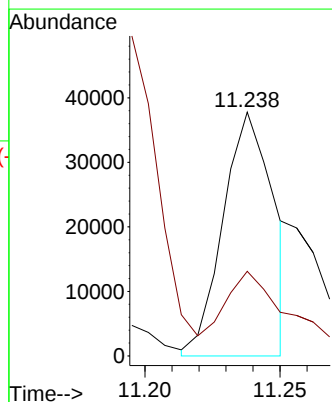
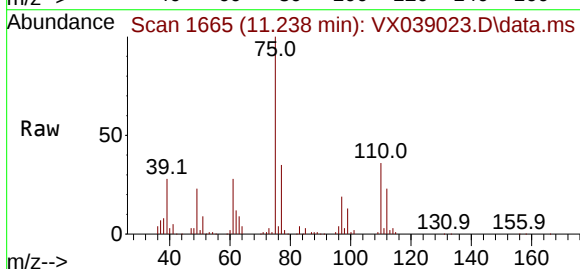
Manual Integrations
APPROVED

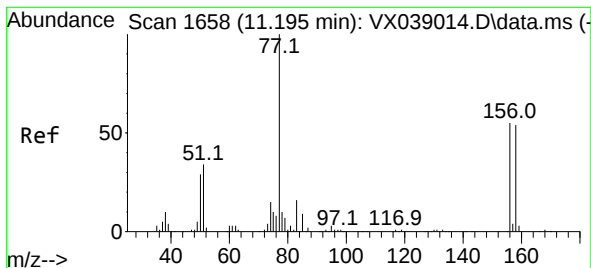
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 19.323 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion: 75 Resp: 48946
Ion Ratio Lower Upper
75 100
77 45.5 0.0 76.4





#73

Bromobenzene

Concen: 19.582 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

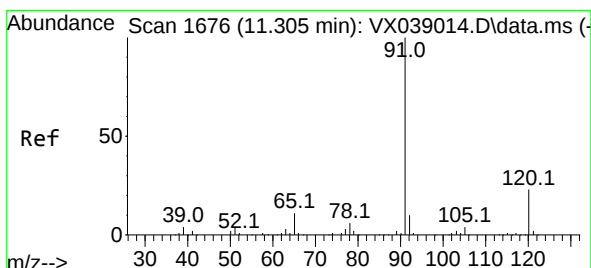
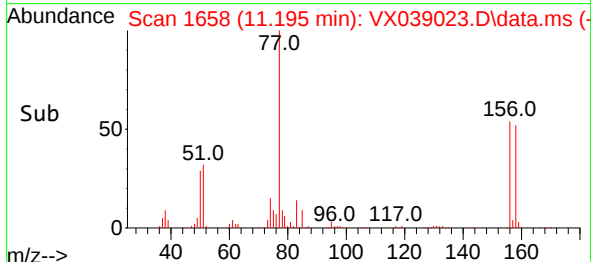
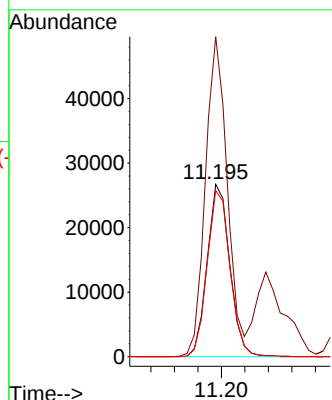
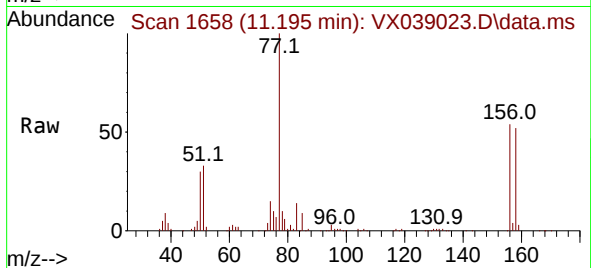
Tgt Ion:	156	Resp:	35749
Ion Ratio	Lower	Upper	
156	100		
77	178.6	0.0	363.2
158	97.4	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 19.505 ug/l

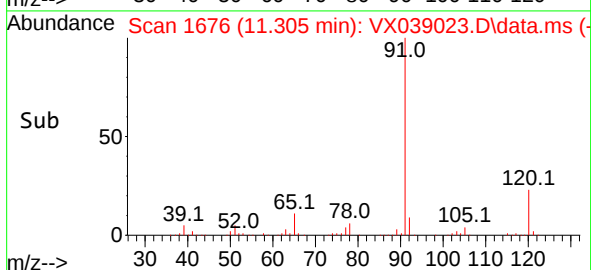
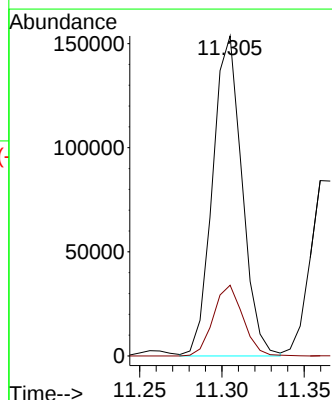
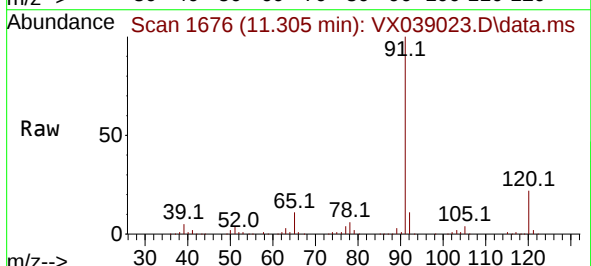
RT: 11.305 min Scan# 1676

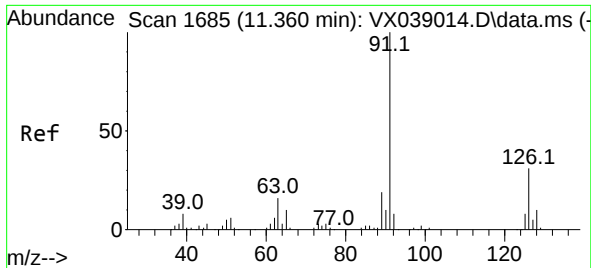
Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Tgt Ion:	91	Resp:	191623
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	43.4





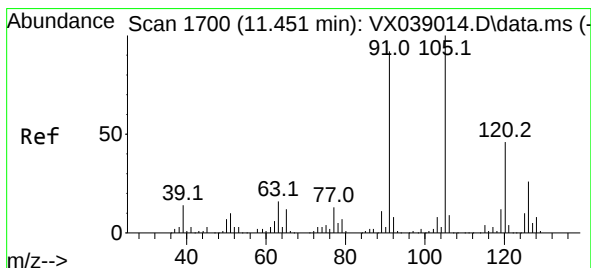
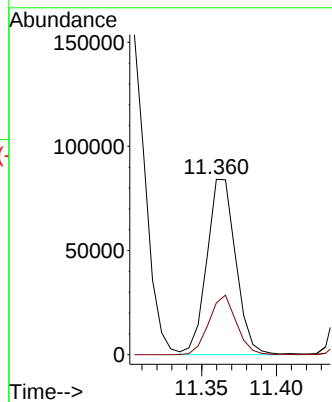
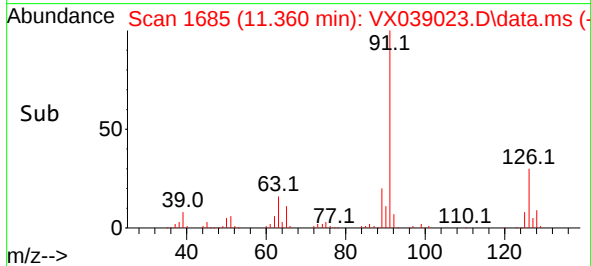
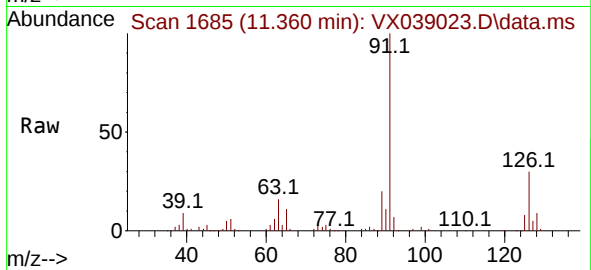
#75
2-Chlorotoluene
Concen: 19.661 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 91 Resp: 11332
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.2

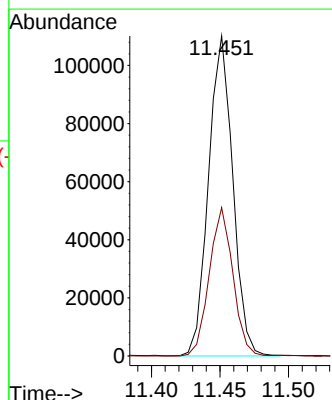
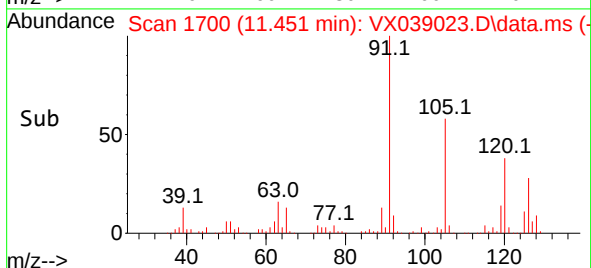
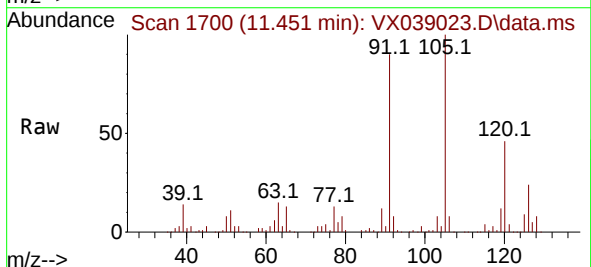
Manual Integrations
APPROVED

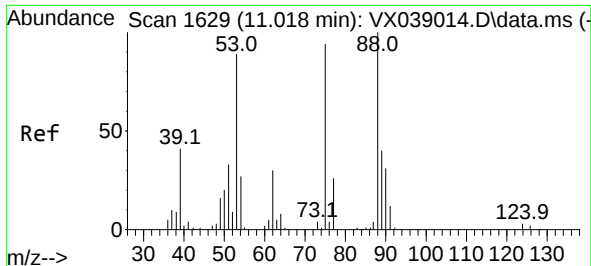
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.629 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Tgt Ion:105 Resp: 135593
Ion Ratio Lower Upper
105 100
120 45.1 0.0 92.6





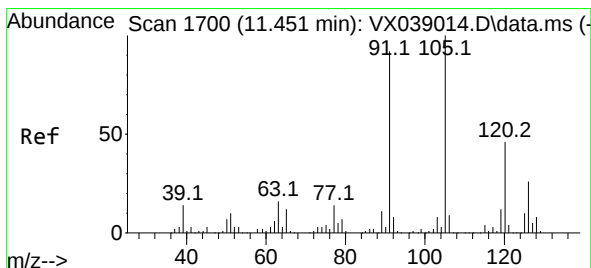
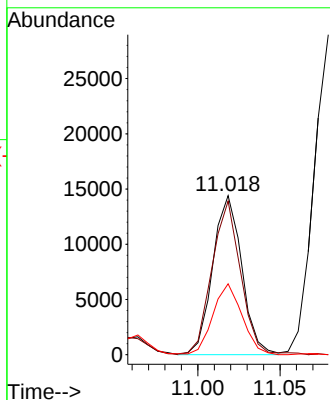
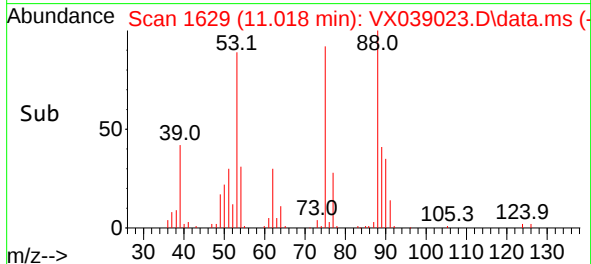
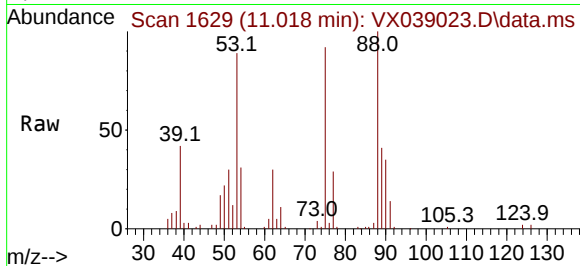
#77
t-1,4-Dichloro-2-butene
Concen: 17.688 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01

Tgt Ion: 75 Resp: 1775
Ion Ratio Lower Upper
75 100
53 96.1 46.9 140.8
89 44.5 21.3 63.7

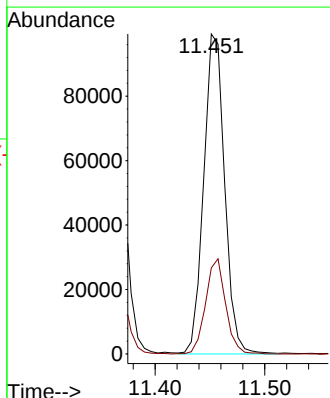
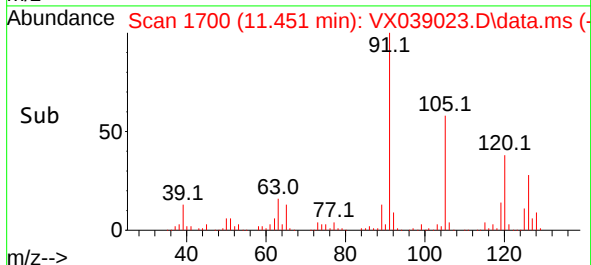
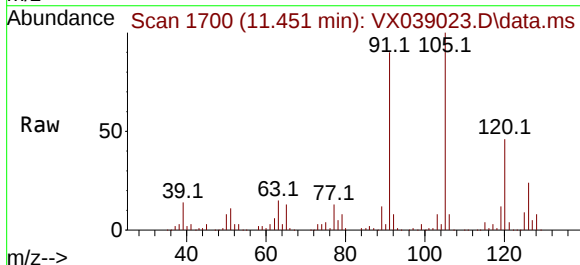
Manual Integrations
APPROVED

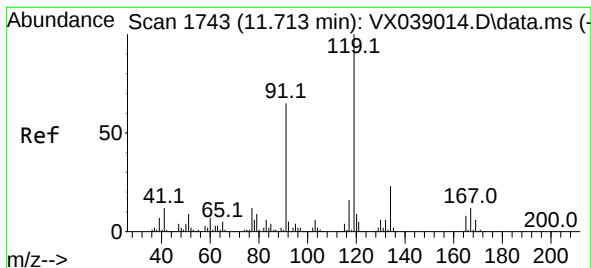
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 19.456 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

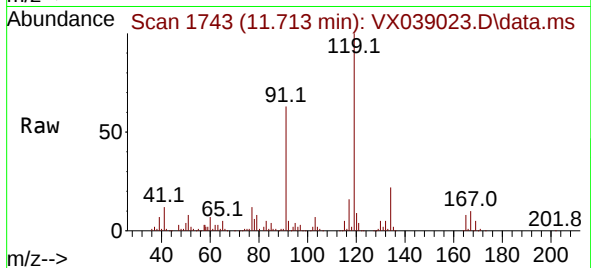
Tgt Ion: 91 Resp: 131847
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





#79
tert-butylbenzene
Concen: 19.577 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

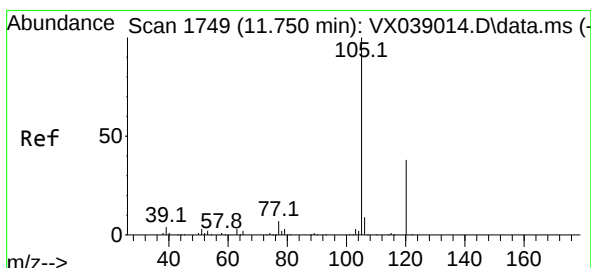
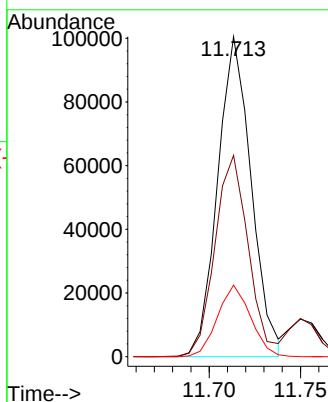
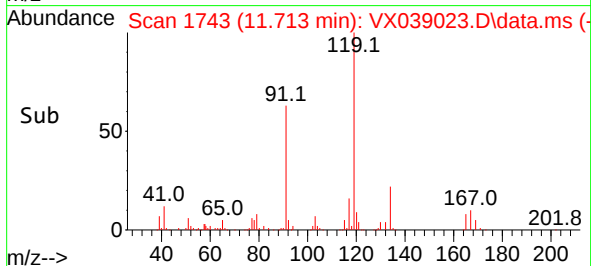
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



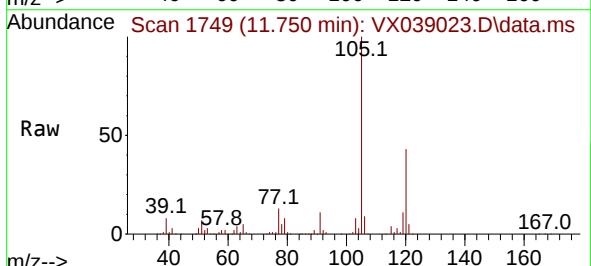
Tgt Ion:119 Resp: 128590
Ion Ratio Lower Upper
119 100
91 62.9 0.0 125.6
134 22.1 0.0 43.8

Manual Integrations
APPROVED

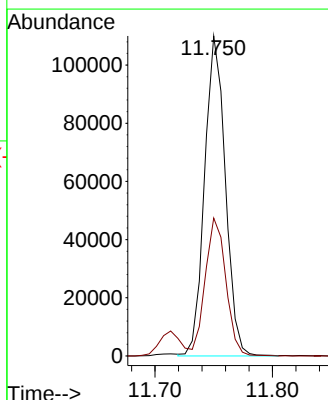
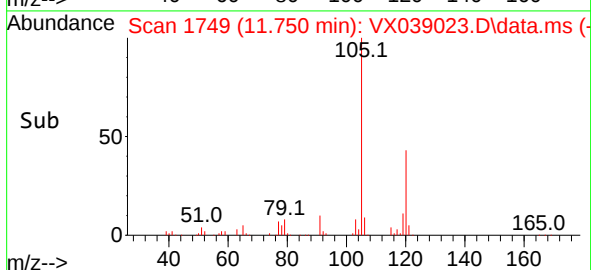
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

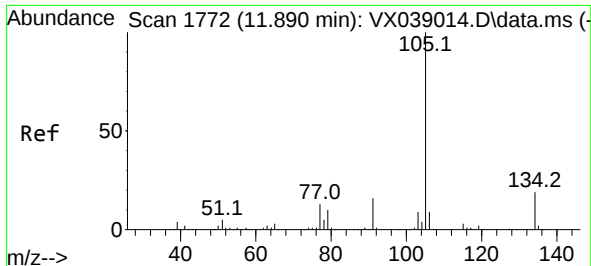


#80
1,2,4-Trimethylbenzene
Concen: 19.567 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



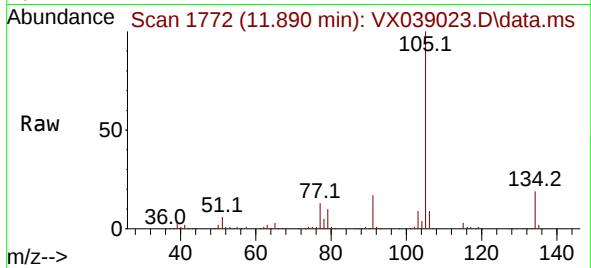
Tgt Ion:105 Resp: 135281
Ion Ratio Lower Upper
105 100
120 42.5 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.682 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46

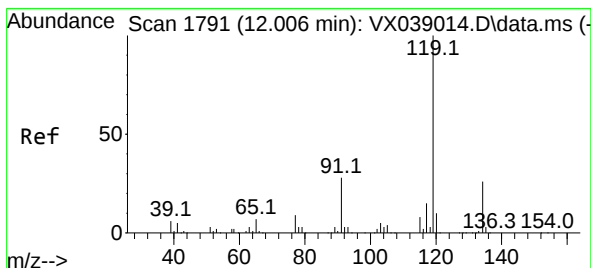
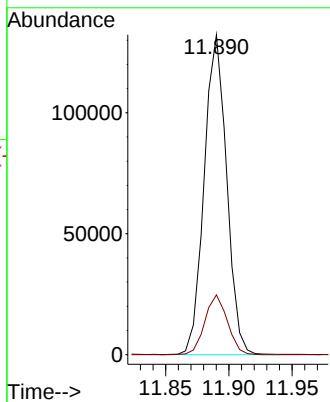
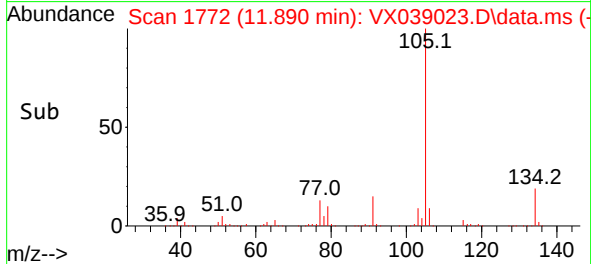
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01



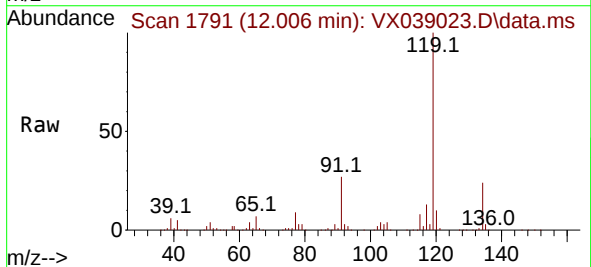
Tgt Ion:105 Resp: 163440
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4

Manual Integrations
 APPROVED

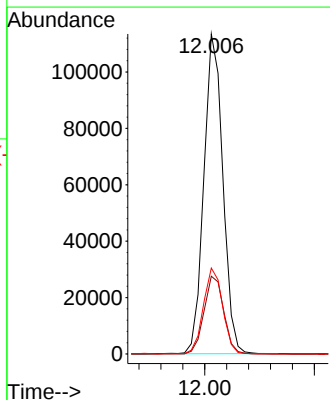
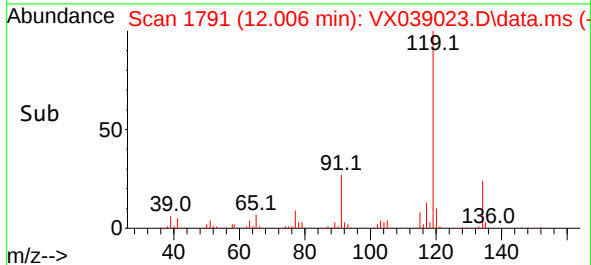
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

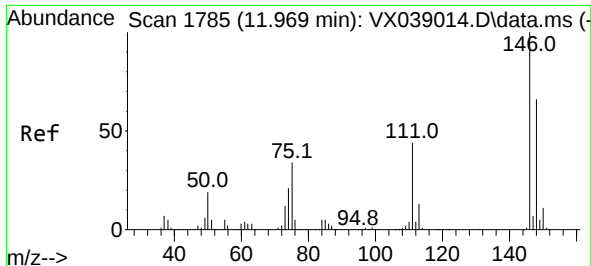


#82
 p-Isopropyltoluene
 Concen: 19.358 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039023.D
 Acq: 24 Nov 2023 14:46



Tgt Ion:119 Resp: 136237
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 27.1 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.649 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

Tgt Ion:146 Resp: 68648

Ion Ratio Lower Upper

146 100

111 43.7 22.3 66.9

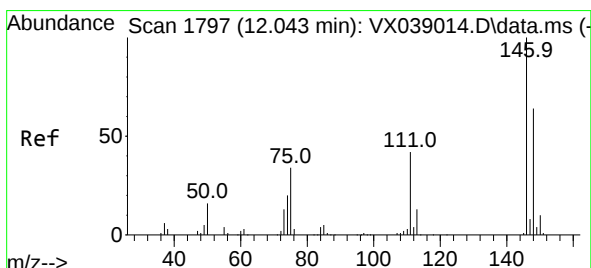
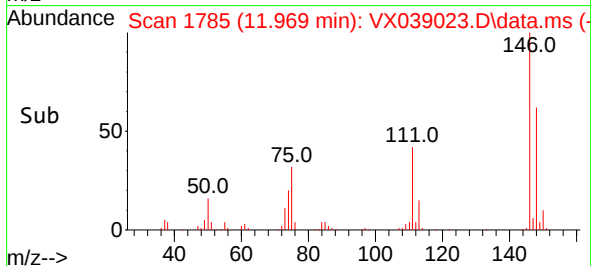
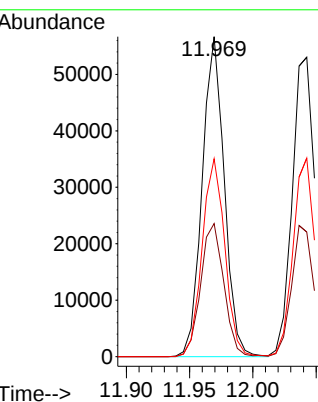
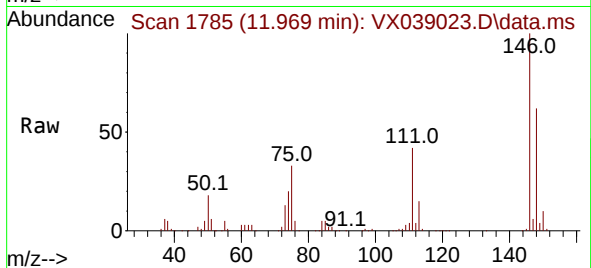
148 63.6 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#84

1,4-Dichlorobenzene

Concen: 18.966 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

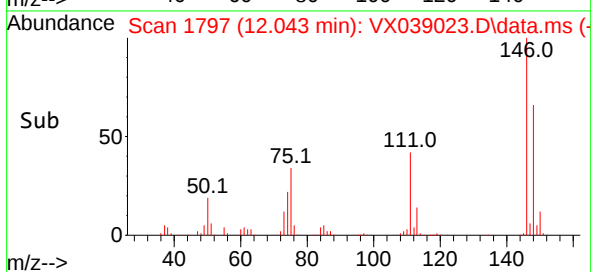
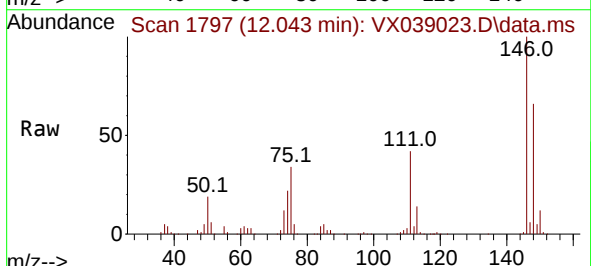
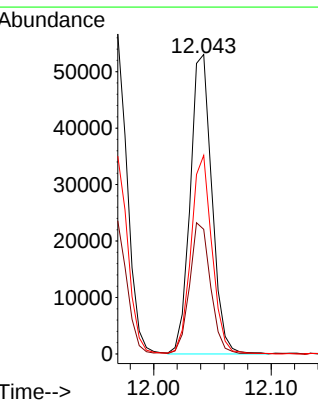
Tgt Ion:146 Resp: 67989

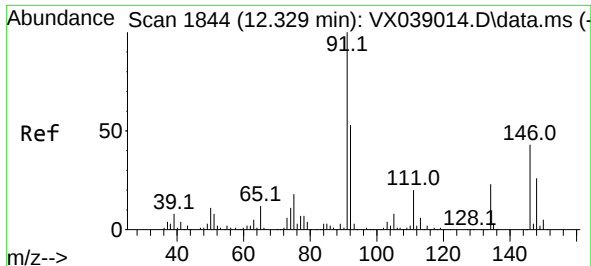
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

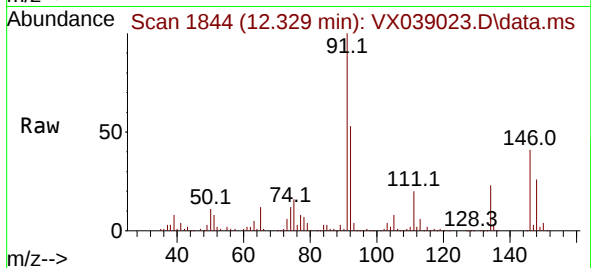
148 64.5 31.8 95.4





#85
n-Butylbenzene
Concen: 18.654 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

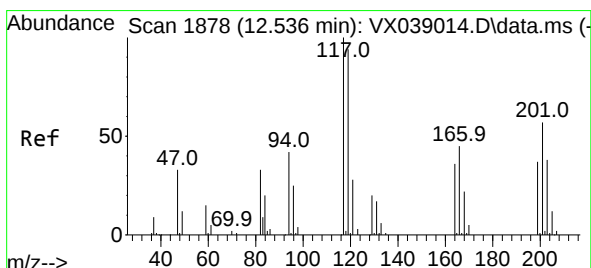
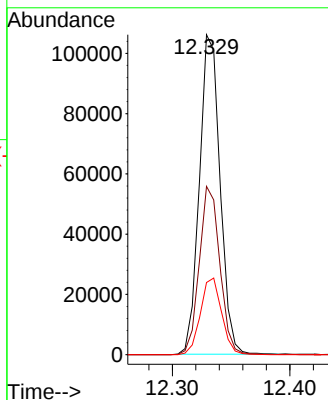
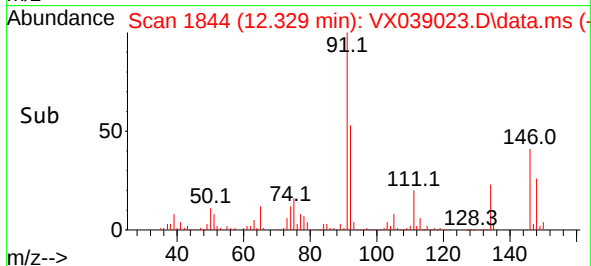
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



Tgt Ion: 91 Resp: 12964
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.2
134 24.6 0.0 48.8

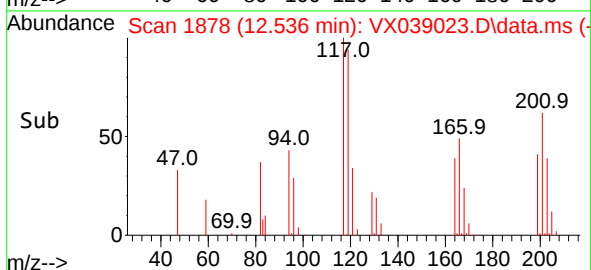
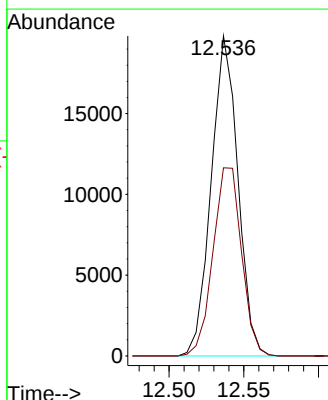
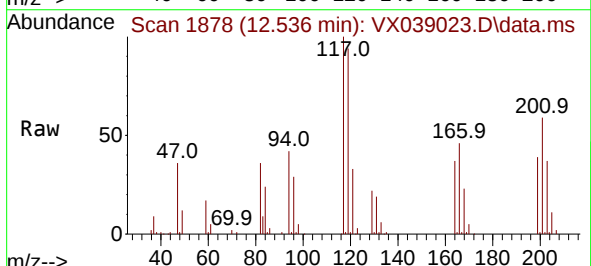
Manual Integrations
APPROVED

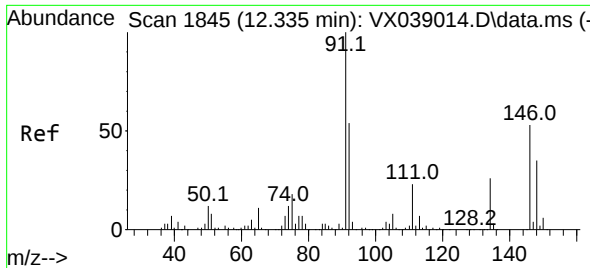
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 18.443 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

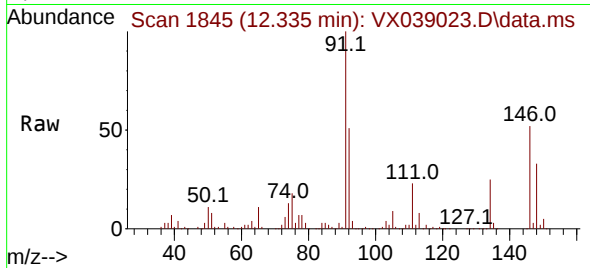
Tgt Ion:117 Resp: 24594
Ion Ratio Lower Upper
117 100
201 63.1 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.807 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

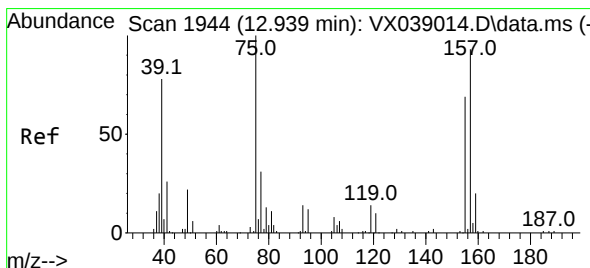
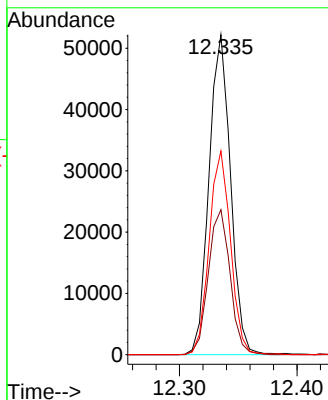
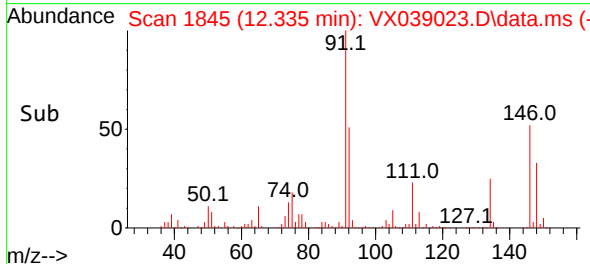
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



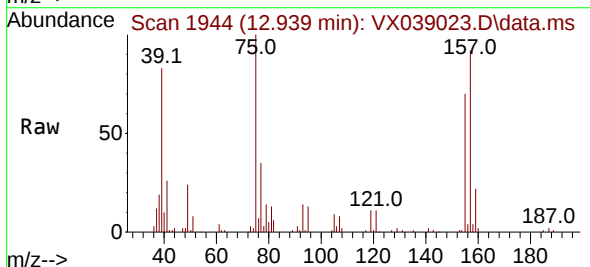
Tgt Ion:146 Resp: 6654
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.2
148 63.1 31.9 95.7

Manual Integrations
APPROVED

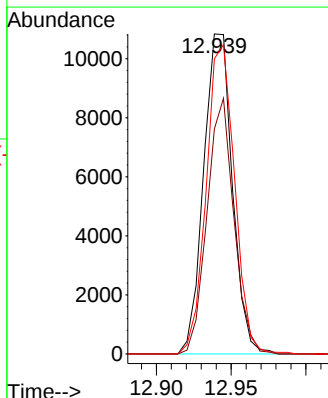
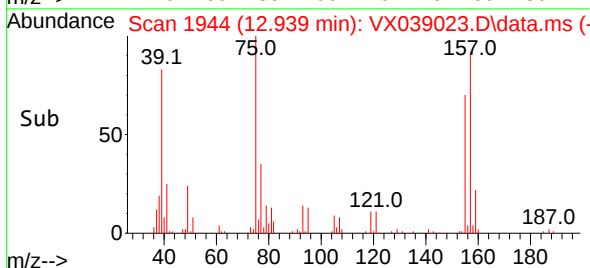
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

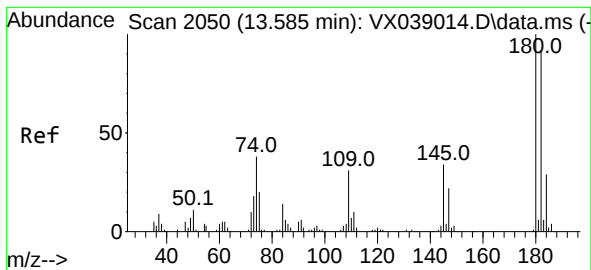


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.946 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



Tgt Ion: 75 Resp: 14504
Ion Ratio Lower Upper
75 100
155 74.5 58.2 87.4
157 95.3 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 18.727 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBSD01

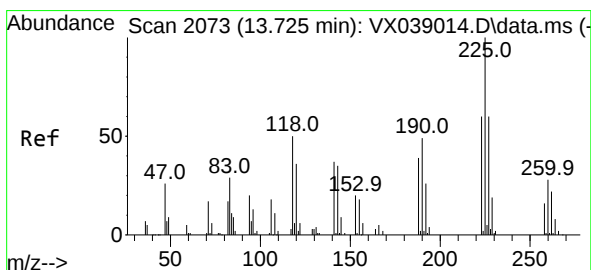
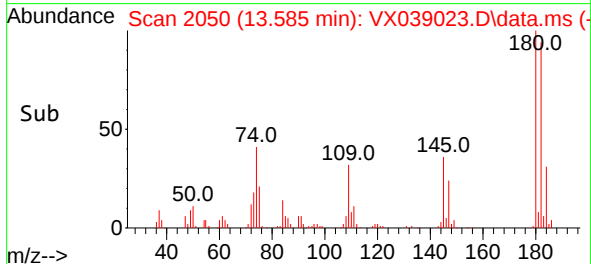
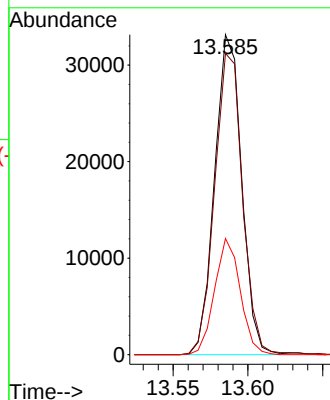
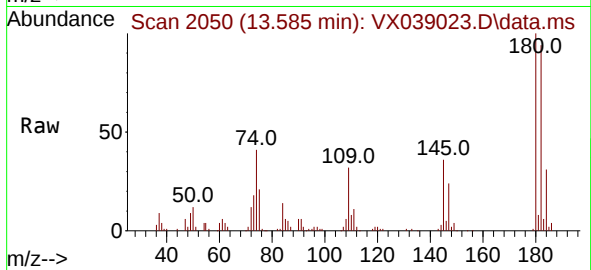
Tgt Ion:	180	Resp:	4171
Ion Ratio	Lower	Upper	
180	100		
182	97.3	74.5	111.7
145	34.5	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#90

Hexachlorobutadiene

Concen: 17.995 ug/l

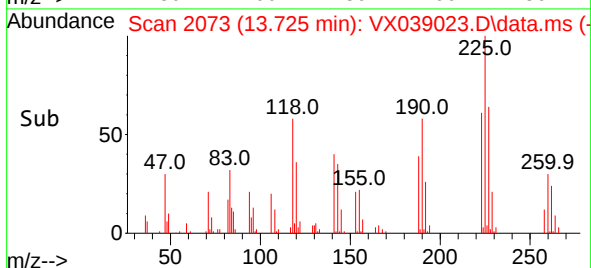
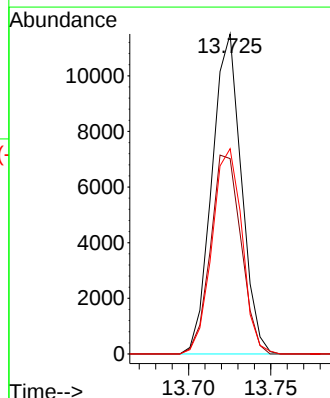
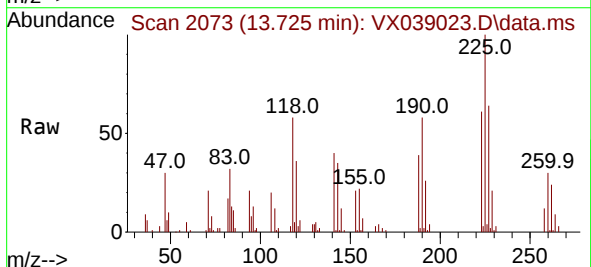
RT: 13.725 min Scan# 2073

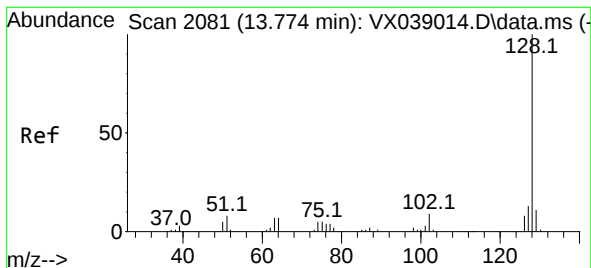
Delta R.T. 0.000 min

Lab File: VX039023.D

Acq: 24 Nov 2023 14:46

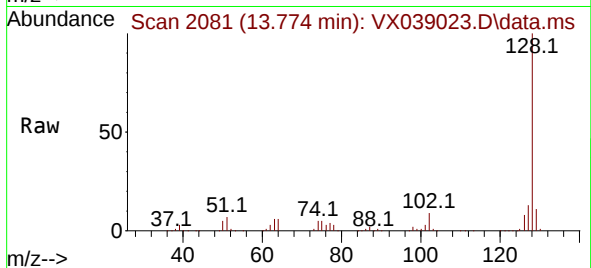
Tgt Ion:	225	Resp:	14312
Ion Ratio	Lower	Upper	
225	100		
223	64.6	0.0	124.4
227	65.2	0.0	124.4





#91
Naphthalene
Concen: 19.214 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46

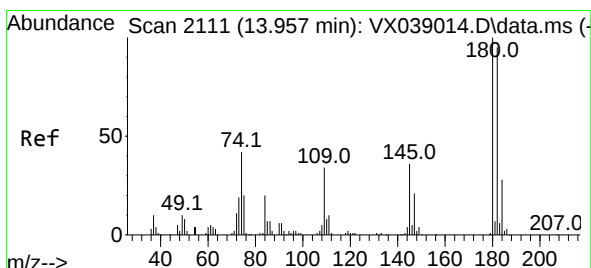
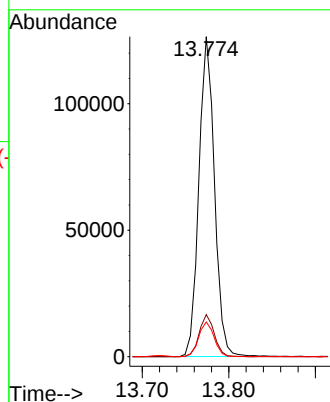
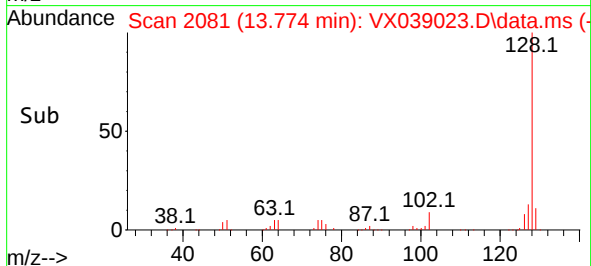
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBSD01



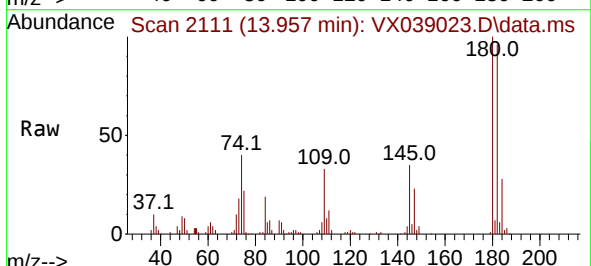
Tgt Ion:128 Resp: 15783
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.433 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039023.D
Acq: 24 Nov 2023 14:46



Tgt Ion:180 Resp: 41926
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.6
145 35.5 0.0 69.6

