

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039016.D
 Acq On : 24 Nov 2023 10:30
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 03:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	11213	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84370	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107288	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44029	28.702	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.667%		
60) 4-Bromofluorobenzene	11.079	95	71464	30.496	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.667%		
63) Toluene-d8	8.647	98	126474	29.816	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	163417	97.370	ug/l	98
3) Chloromethane	1.294	50	185238	96.393	ug/l	94
4) Vinyl Chloride	1.374	62	185854	95.799	ug/l	99
5) Bromomethane	1.599	94	100476	84.676	ug/l	100
6) Chloroethane	1.678	64	105251	90.268	ug/l	98
7) Trichlorofluoromethane	1.880	101	254255	94.956	ug/l	97
8) Diethyl Ether	2.130	74	98077	95.422	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	145337	96.053	ug/l	100
10) 1,1-Dichloroethene	2.319	96	146357	95.958	ug/l	93
11) Methyl Iodide	2.453	142	164423	98.378	ug/l	99
12) Methyl Acetate	2.703	43	454305	95.503	ug/l	98
13) Acrolein	2.233	56	192854	462.784	ug/l	99
14) Acrylonitrile	3.062	53	555323	477.301	ug/l	99
15) Acetone	2.379	58	183021	432.764	ug/l	100
16) Carbon Disulfide	2.507	76	437184	94.643	ug/l	98
17) Allyl chloride	2.660	41	294176	97.158	ug/l	96
18) Methylene Chloride	2.788	84	173201	95.800	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	167402	97.044	ug/l	97
20) Diisopropyl ether	3.757	45	554421	96.221	ug/l	94
21) 1,1-Dichloroethane	3.605	63	307641	96.029	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	191898	95.990	ug/l	99
23) tert-Butyl Alcohol	2.971	59	302056	468.951	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	540042	96.118	ug/l	100
25) Chloroform	5.092	83	310908	96.694	ug/l	97
26) Cyclohexane	5.470	56	278420	96.021	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	237512	100.423	ug/l	100
30) 2-Butanone	4.550	43	861628	483.869	ug/l	99
31) 2,2-Dichloropropane	4.477	77	273396	101.101	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	278753	101.971	ug/l	98
33) Carbon Tetrachloride	5.678	117	239044	103.813	ug/l	97
34) Benzene	6.037	78	693649	100.678	ug/l	99
35) Methacrylonitrile	4.916	41	164956	104.579	ug/l	97
36) 1,2-Dichloroethane	6.086	62	251119	99.334	ug/l	100
37) Trichloroethene	7.123	130	174798	99.961	ug/l	100
38) Methylcyclohexane	7.379	83	299366	101.586	ug/l	99
39) 1,2-Dichloropropane	7.427	63	182752	100.576	ug/l	100
40) Dibromomethane	7.580	93	127786	99.535	ug/l	97
41) Bromodichloromethane	7.818	83	252634	102.429	ug/l	97
42) Vinyl Acetate	3.721	43	2135817	503.578	ug/l	99

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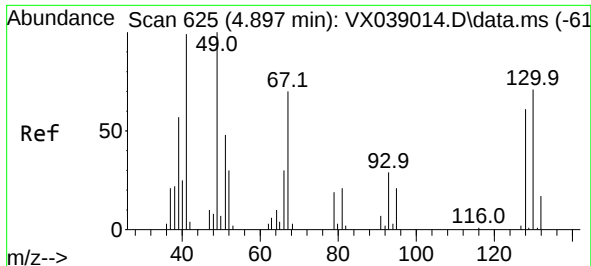
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Quant Time: Nov 27 03:08:05 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	311650	101.728	ug/l	99
44) Isopropyl Acetate	6.336	43	492403	101.959	ug/l	100
45) 1,4-Dioxane	7.659	88	103746	2104.321	ug/l	97
46) Methyl methacrylate	7.689	41	279192	101.113	ug/l	97
47) n-amyl Acetate	10.841	43	445277	108.933	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	293535	102.640	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	303824	102.983	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	178214	102.187	ug/l	97
51) Ethyl methacrylate	9.116	69	231991	106.266	ug/l	94
52) 1,3-Dichloropropane	9.305	76	300665	100.541	ug/l	100
53) Dibromochloromethane	9.518	129	194562	103.878	ug/l	99
54) 1,2-Dibromoethane	9.610	107	195457	102.198	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	752387	544.034	ug/l	99
56) Bromoform	10.799	173	147349	109.003	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	1622145	498.587	ug/l	98
59) 2-Hexanone	9.433	43	1347714	504.650	ug/l	99
61) Tetrachloroethene	9.275	164	136269	97.690	ug/l	98
62) Toluene	8.720	91	763834	100.279	ug/l	100
64) Chlorobenzene	10.079	112	465929	100.560	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	172032	103.096	ug/l	98
66) Ethyl Benzene	10.195	91	869332	100.228	ug/l	99
67) m/p-Xylenes	10.299	106	650707	203.026	ug/l	98
68) o-Xylene	10.640	106	316197	101.847	ug/l	99
69) Styrene	10.652	104	475339	103.454	ug/l	99
70) Isopropylbenzene	10.963	105	842617	101.440	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	316086	101.932	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	267996m	75.207	ug/l	
73) Bromobenzene	11.195	156	192055	101.553	ug/l	99
74) n-propylbenzene	11.305	91	1038104	102.003	ug/l	100
75) 2-Chlorotoluene	11.366	91	606869	101.639	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	733849	102.549	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	114722	110.338	ug/l	94
78) 4-Chlorotoluene	11.451	91	716083	102.007	ug/l	99
79) tert-butylbenzene	11.713	119	695060	102.146	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	741360	103.514	ug/l	100
81) sec-Butylbenzene	11.890	105	884736	102.851	ug/l	100
82) p-Isopropyltoluene	12.006	119	756985	103.831	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	372489	102.920	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	377140	101.557	ug/l	100
85) n-Butylbenzene	12.329	91	757027	105.155	ug/l	99
86) Hexachloroethane	12.536	117	148560	107.545	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	350869	100.817	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	81495	102.760	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	237863	103.086	ug/l	99
90) Hexachlorobutadiene	13.725	225	84758	102.874	ug/l	99
91) Naphthalene	13.774	128	871825	102.450	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	231877	103.748	ug/l	98

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



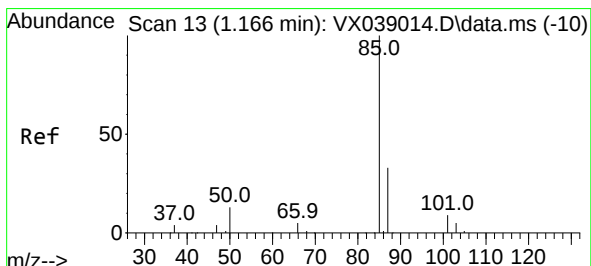
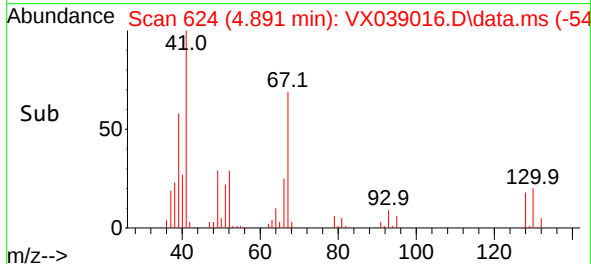
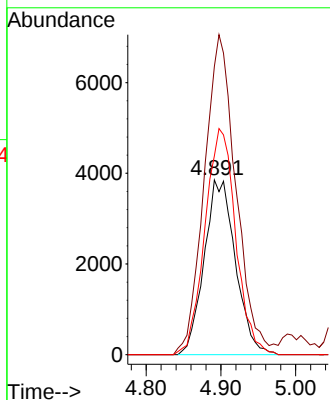
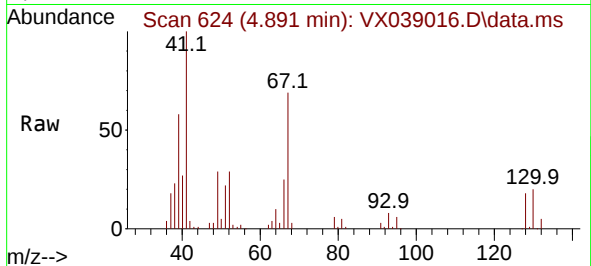
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1121
Ion Ratio Lower Upper
128 100
49 186.4 0.0 444.0
130 127.6 0.0 297.8

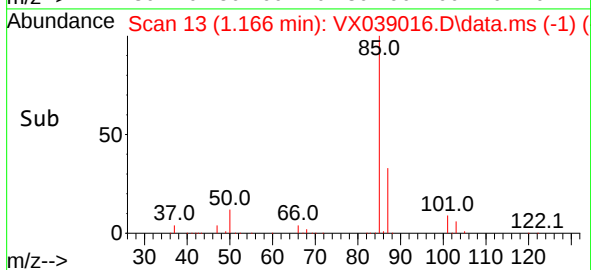
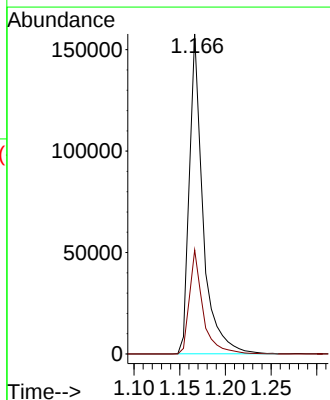
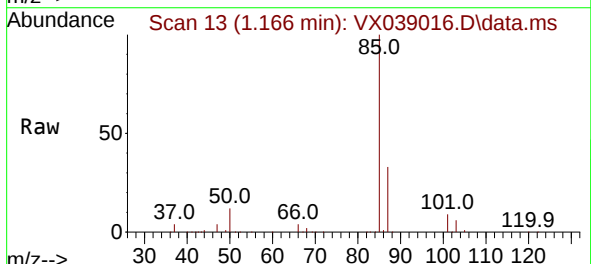
Manual Integrations
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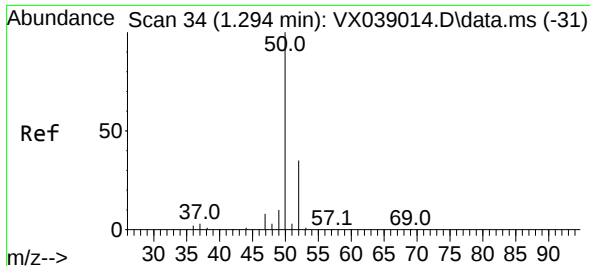
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 97.370 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

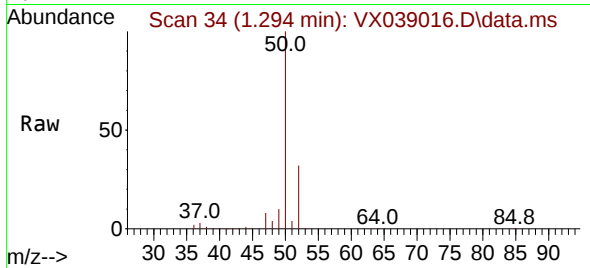
Tgt Ion: 85 Resp: 163417
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 96.393 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

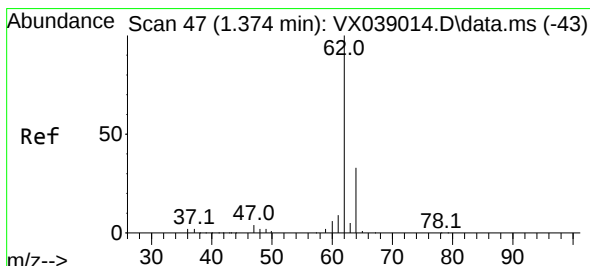
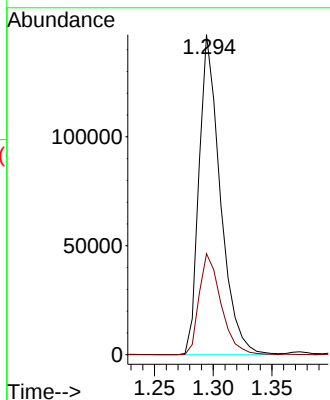
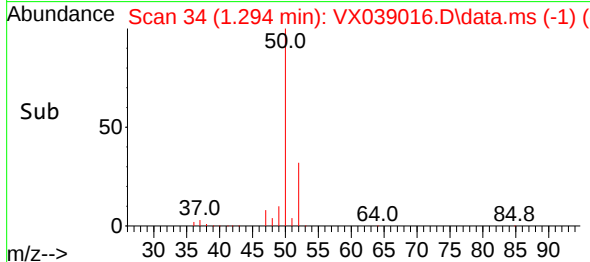
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 185238
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.8

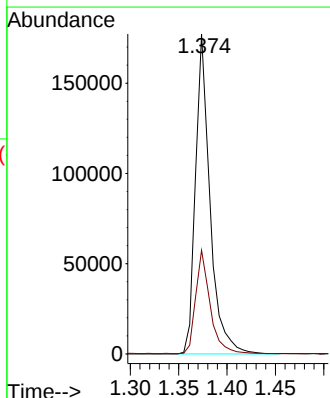
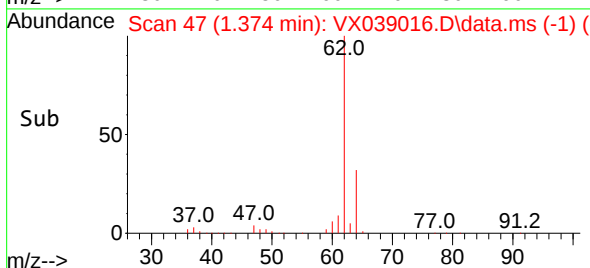
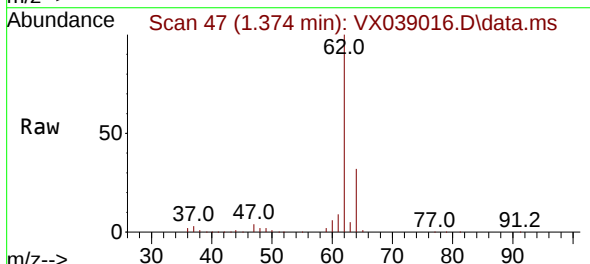
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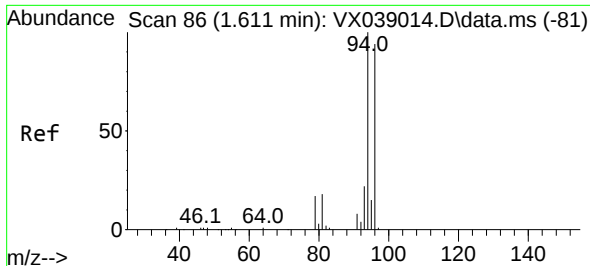
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 95.799 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 62 Resp: 185854
Ion Ratio Lower Upper
62 100
64 32.3 26.3 39.5





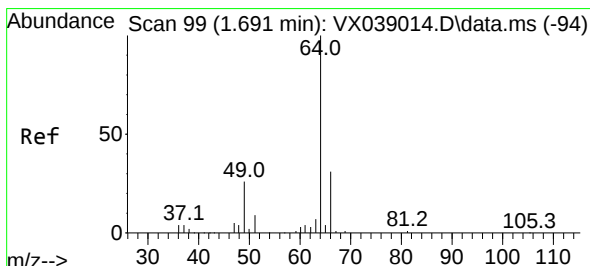
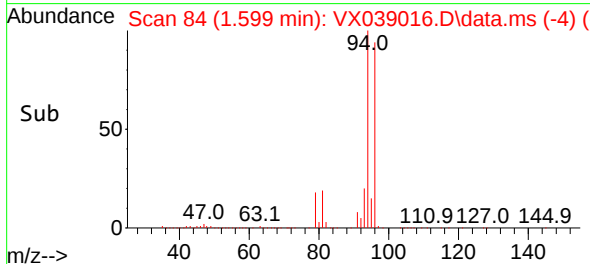
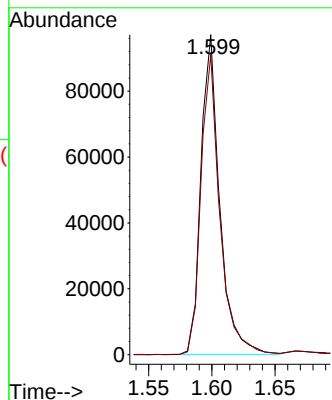
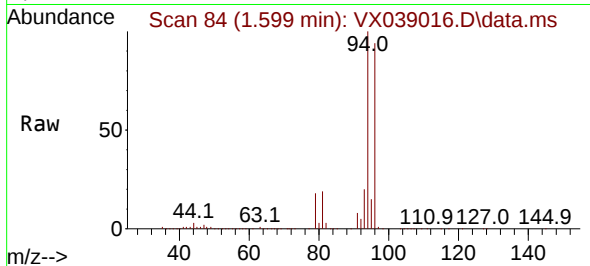
#5
Bromomethane
Concen: 84.676 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 100470
Ion Ratio Lower Upper
94 100
96 93.8 74.9 112.3

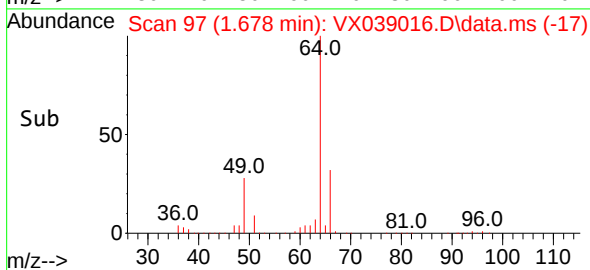
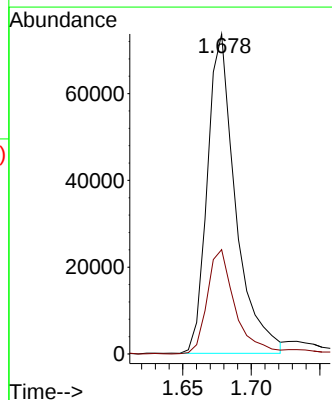
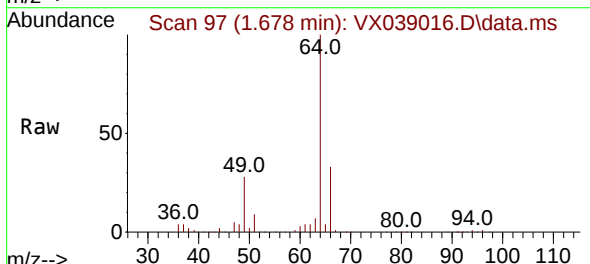
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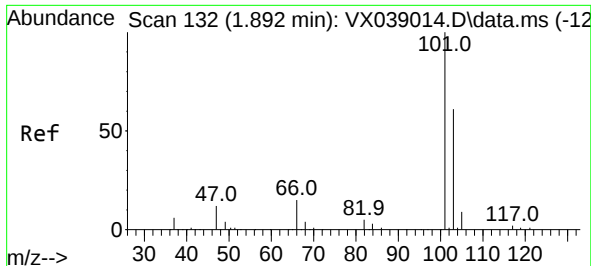
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 90.268 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 64 Resp: 105251
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6





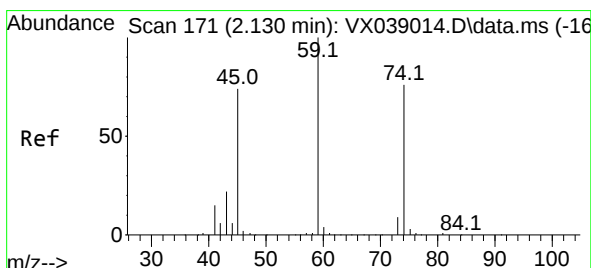
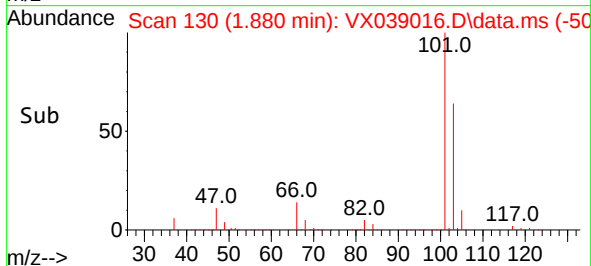
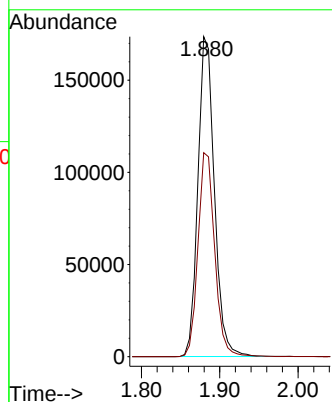
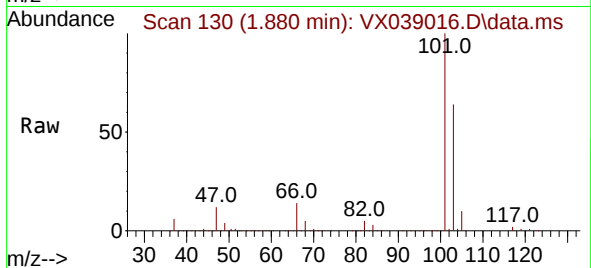
#7
Trichlorofluoromethane
Concen: 94.956 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
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VSTDIC100

Tgt Ion:101 Resp: 25425
Ion Ratio Lower Upper
101 100
103 63.7 49.1 73.7

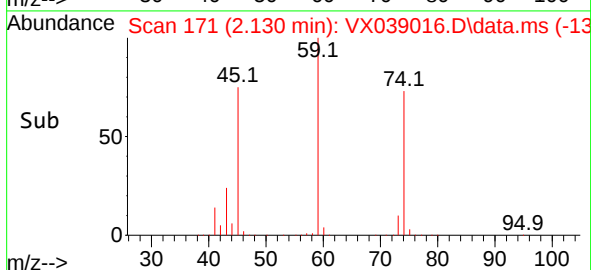
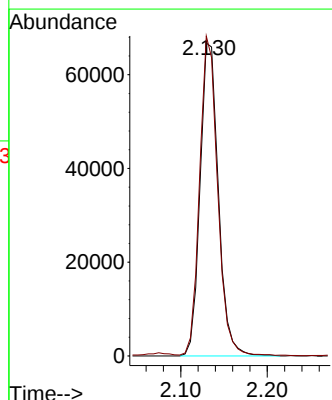
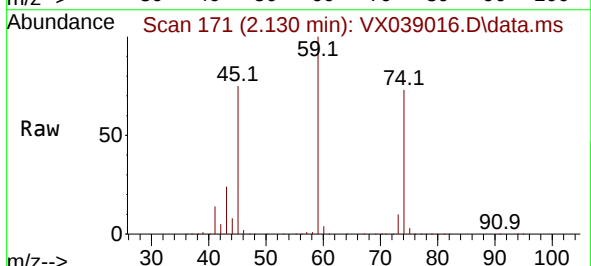
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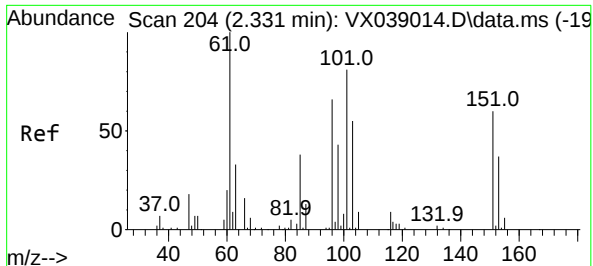
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 95.422 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 74 Resp: 98077
Ion Ratio Lower Upper
74 100
45 100.0 20.5 184.5





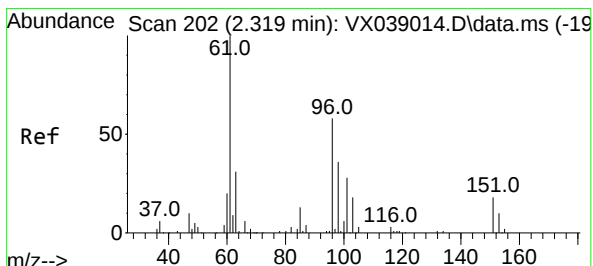
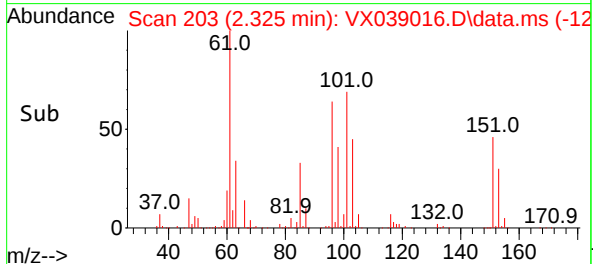
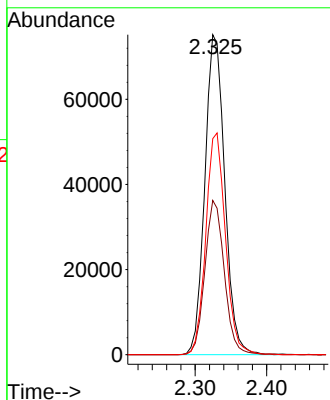
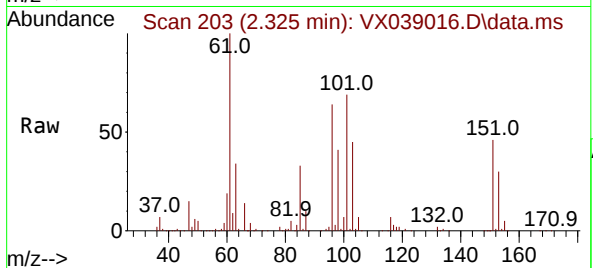
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1,1,2-Trichlorotrifluoroethane
Concen: 96.053 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 14533
Ion Ratio Lower Upper
101 100
85 47.2 0.0 95.2
151 68.6 0.0 136.8

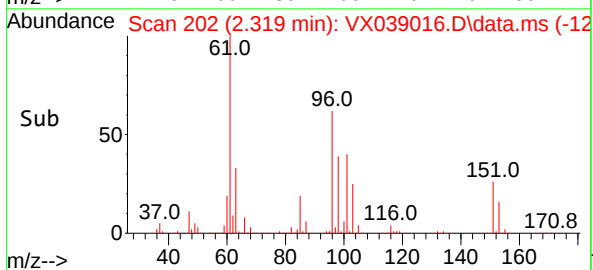
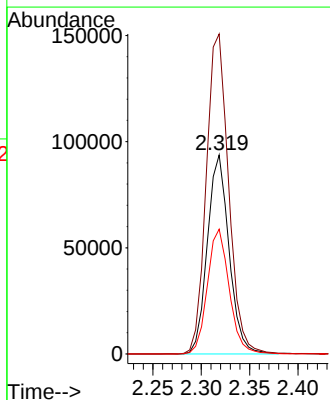
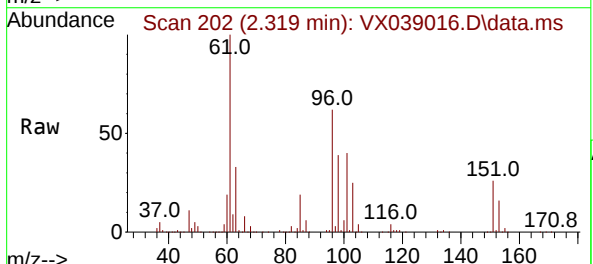
Manual Integrations
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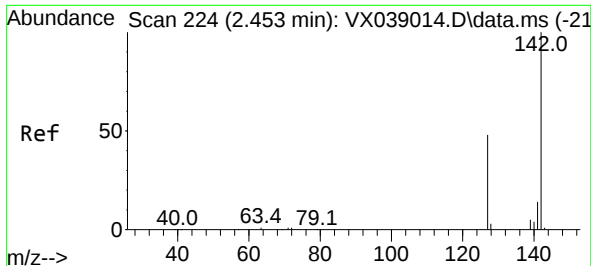
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 95.958 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

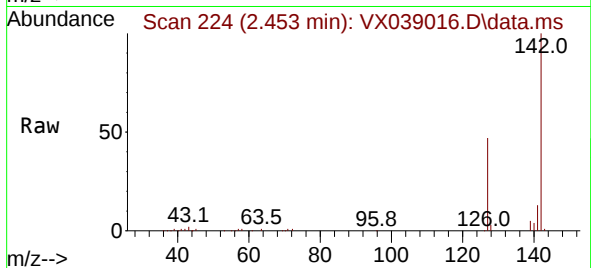
Tgt Ion: 96 Resp: 146357
Ion Ratio Lower Upper
96 100
61 160.8 138.3 207.5
98 62.7 49.8 74.6





#11
Methyl Iodide
Concen: 98.378 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

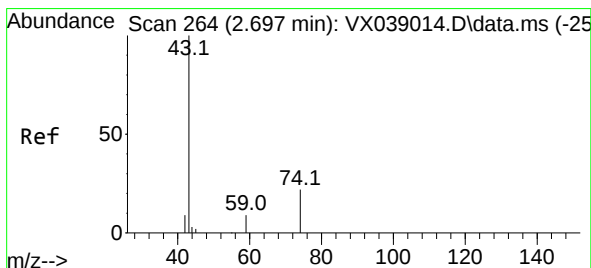
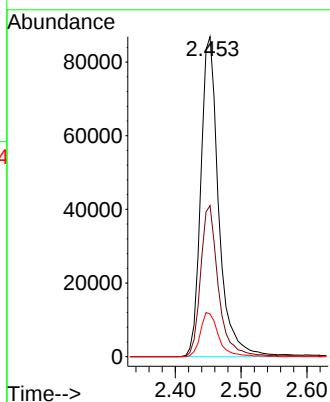
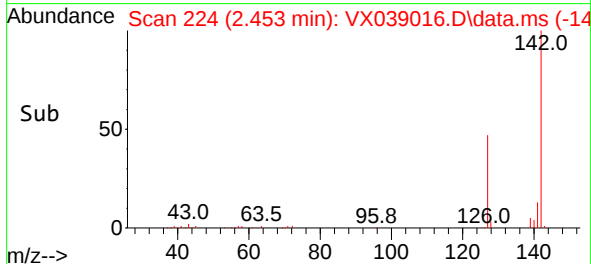
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



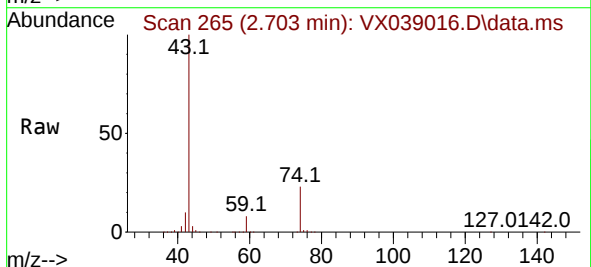
Tgt Ion:142 Resp: 16442
Ion Ratio Lower Upper
142 100
127 47.2 23.8 71.4
141 13.4 6.9 20.6

Manual Integrations
APPROVED

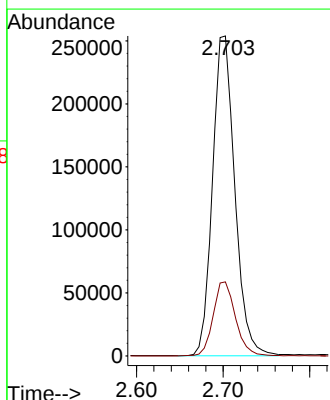
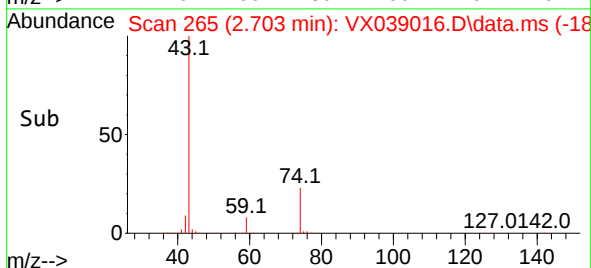
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

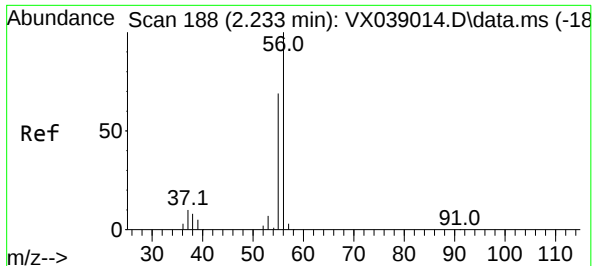


#12
Methyl Acetate
Concen: 95.503 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



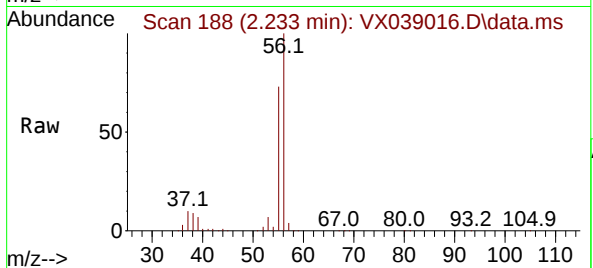
Tgt Ion: 43 Resp: 454305
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6





#13
Acrolein
Concen: 462.784 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

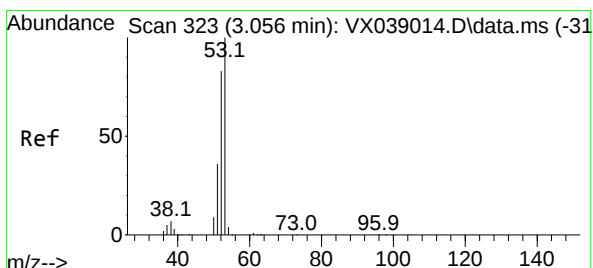
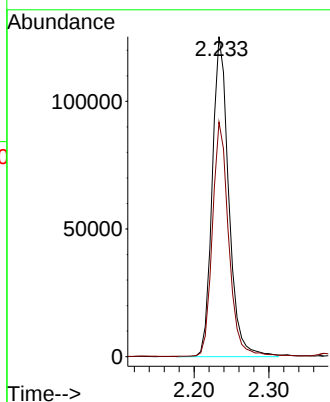
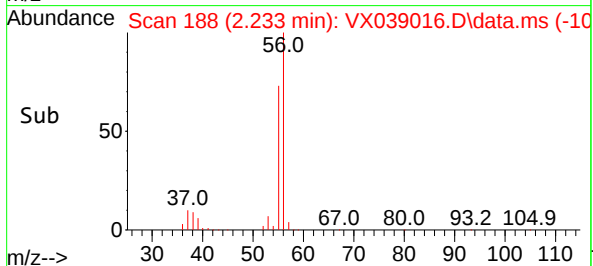
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



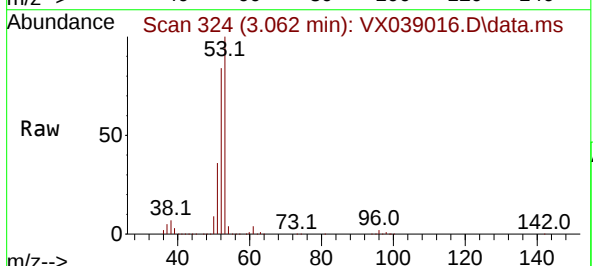
Tgt Ion: 56 Resp: 192854
Ion Ratio Lower Upper
56 100
55 72.4 57.2 85.8

Manual Integrations
APPROVED

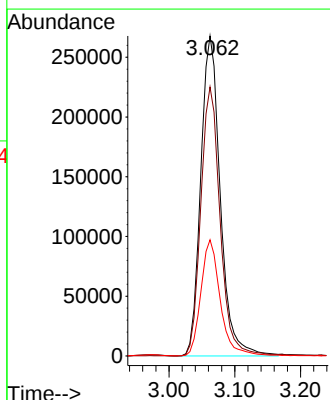
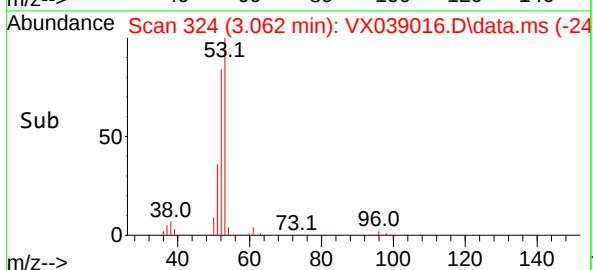
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

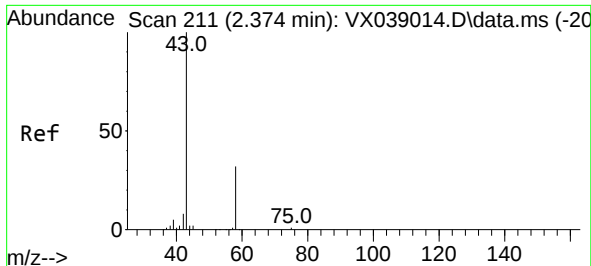


#14
Acrylonitrile
Concen: 477.301 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



Tgt Ion: 53 Resp: 555323
Ion Ratio Lower Upper
53 100
52 83.2 41.9 125.6
51 35.8 18.3 54.9





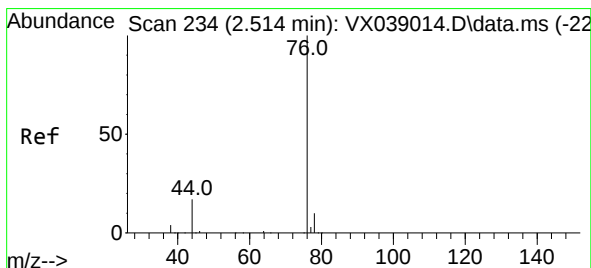
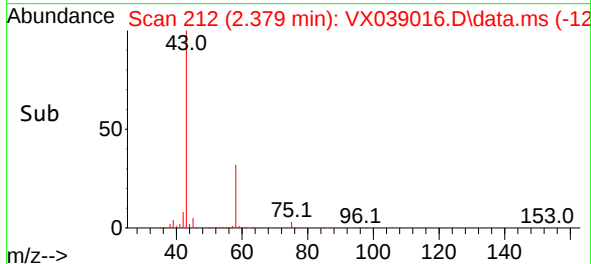
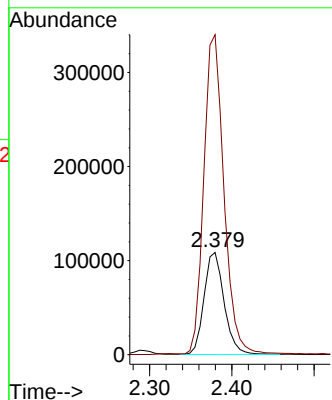
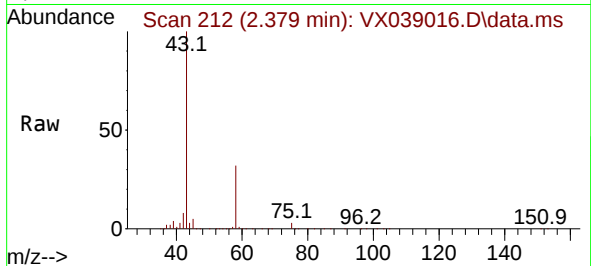
#15
Acetone
Concen: 432.764 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 58 Resp: 18302
Ion Ratio Lower Upper
58 100
43 313.1 249.9 374.9

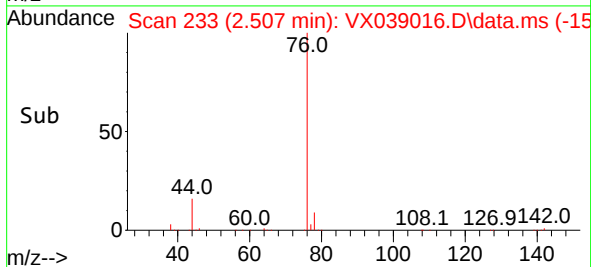
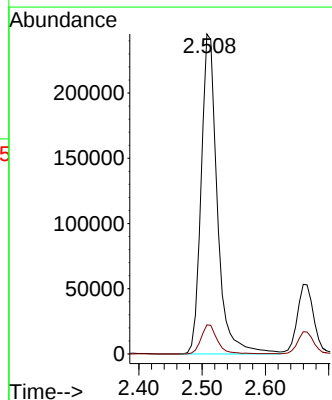
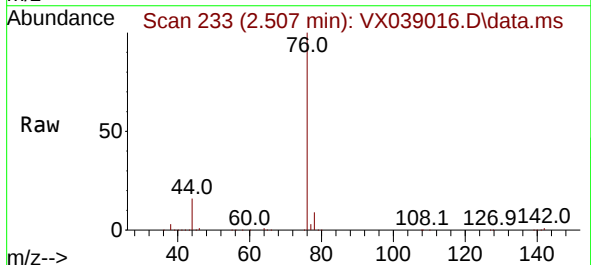
Manual Integrations
APPROVED

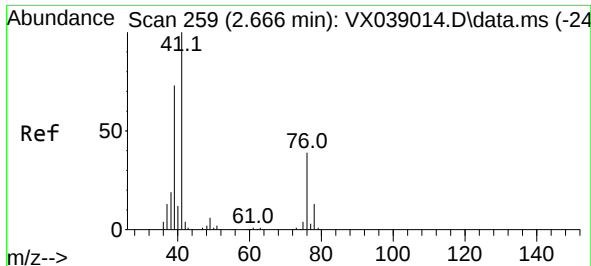
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#16
Carbon Disulfide
Concen: 94.643 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 76 Resp: 437184
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 97.158 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 294170

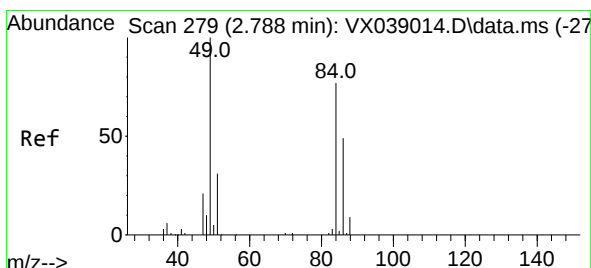
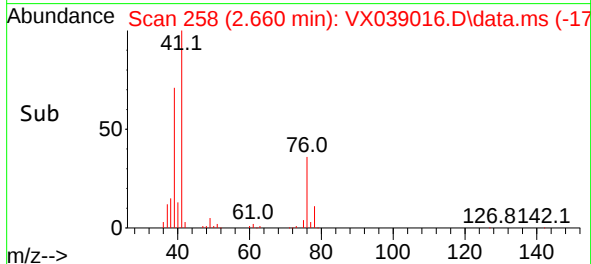
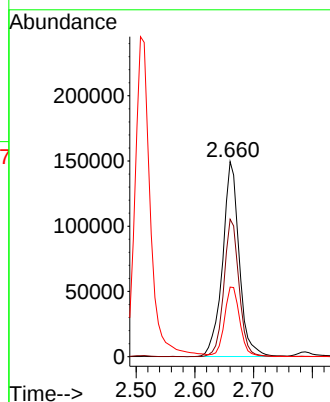
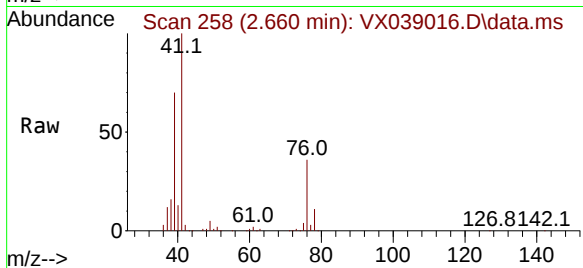
Ion	Ratio	Lower	Upper
41	100		
39	70.5	36.5	109.5
76	35.5	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#18

Methylene Chloride

Concen: 95.800 ug/l

RT: 2.788 min Scan# 279

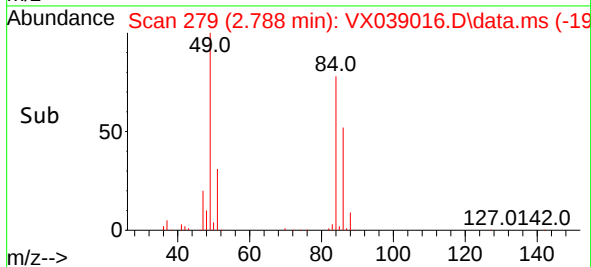
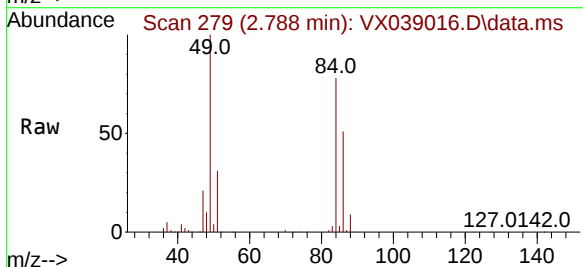
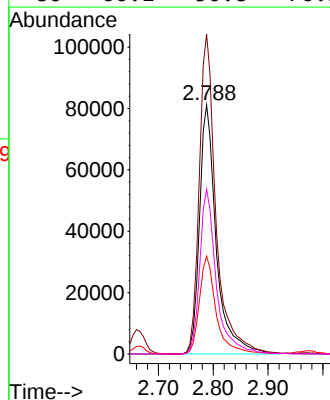
Delta R.T. -0.000 min

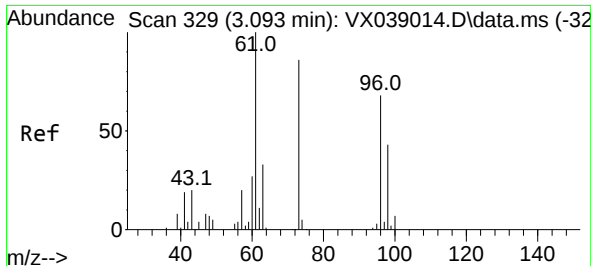
Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion: 84 Resp: 173201

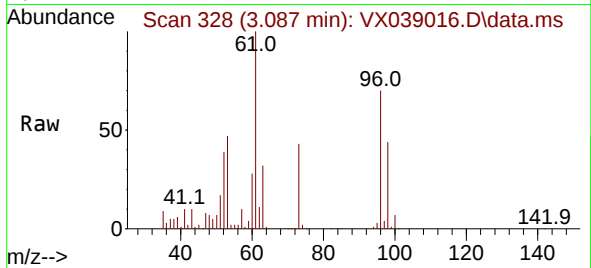
Ion	Ratio	Lower	Upper
84	100		
49	128.4	103.8	155.8
51	39.3	31.8	47.6
86	66.1	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 97.044 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

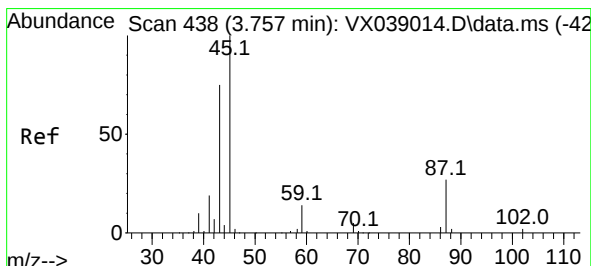
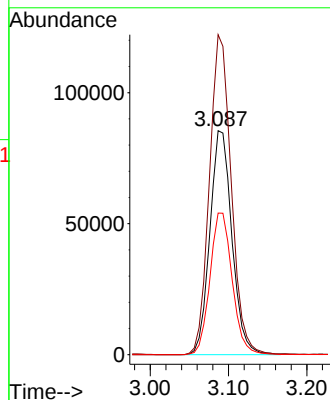
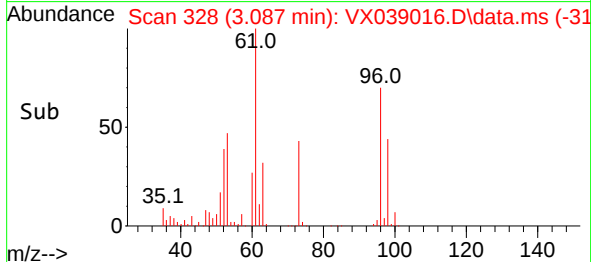
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 16740
Ion Ratio Lower Upper
96 100
61 142.8 117.9 176.9
98 63.2 51.0 76.6

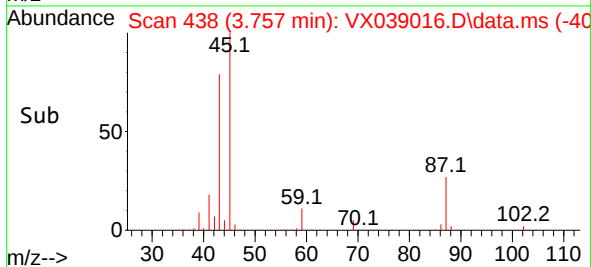
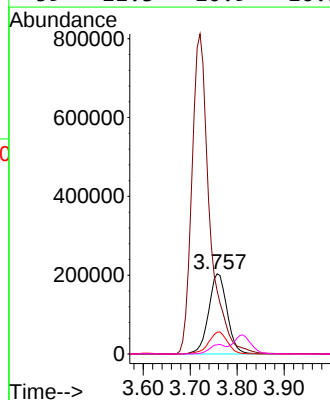
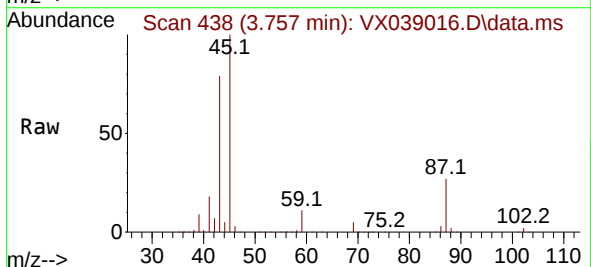
Manual Integrations
APPROVED

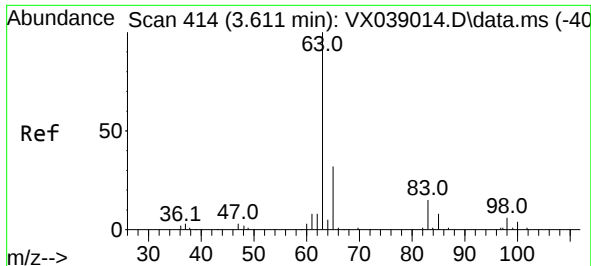
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 96.221 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 45 Resp: 554421
Ion Ratio Lower Upper
45 100
43 78.1 67.7 101.5
87 27.2 21.5 32.3
59 11.3 10.9 16.3





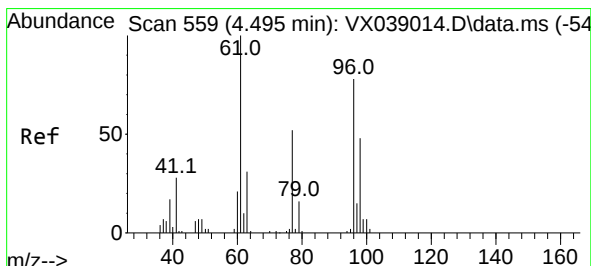
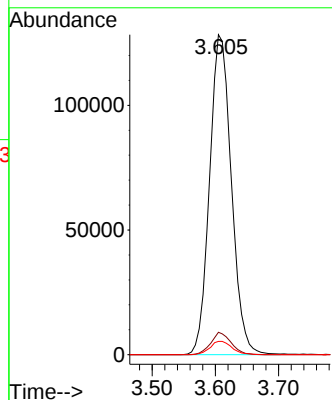
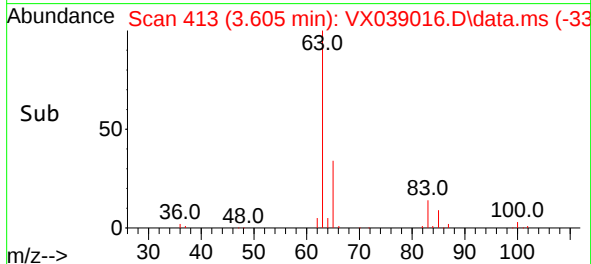
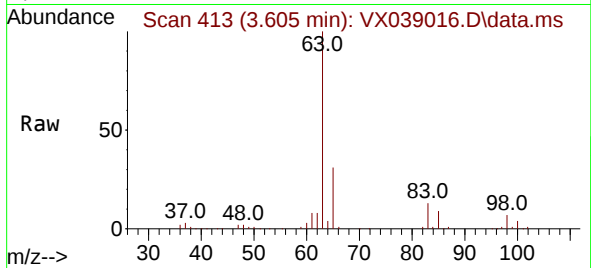
#21
1,1-Dichloroethane
Concen: 96.029 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 30764
Ion Ratio Lower Upper
63 100
98 7.0 2.9 8.8
100 4.1 2.0 5.8

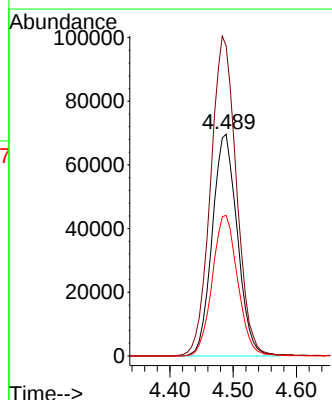
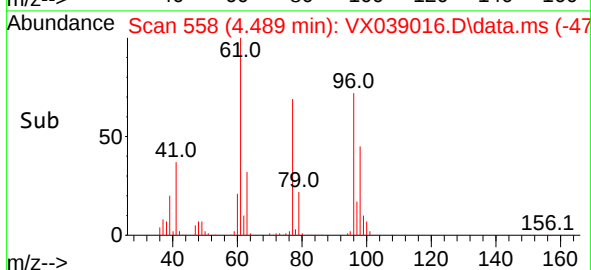
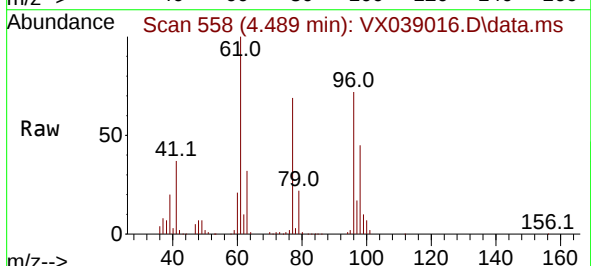
Manual Integrations
APPROVED

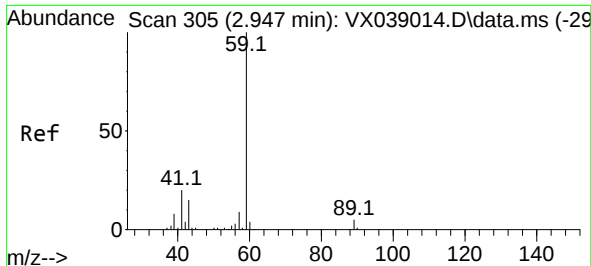
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 95.990 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

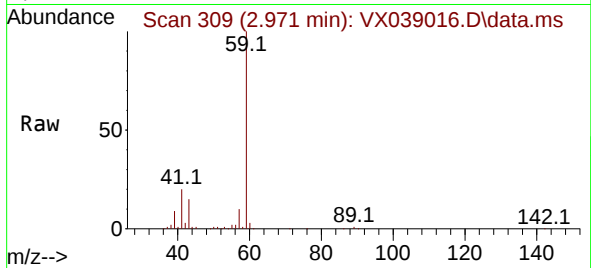
Tgt Ion: 96 Resp: 191898
Ion Ratio Lower Upper
96 100
61 148.1 119.8 179.6
98 64.2 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 468.951 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.024 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

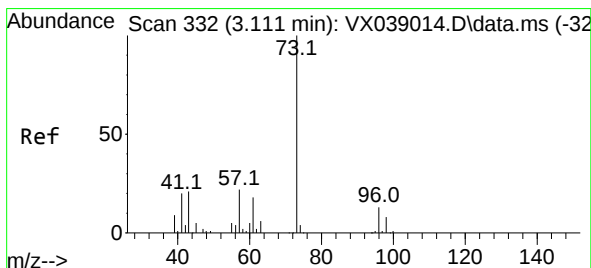
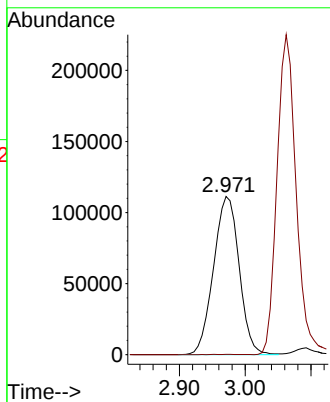
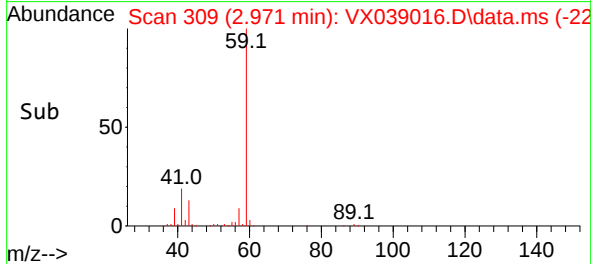
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 302050
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

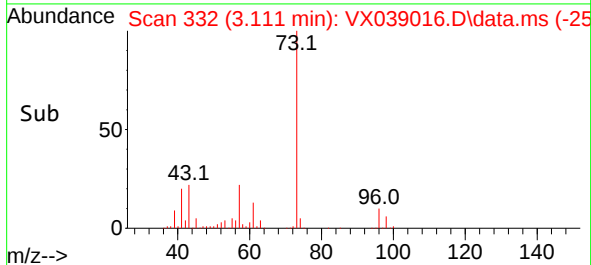
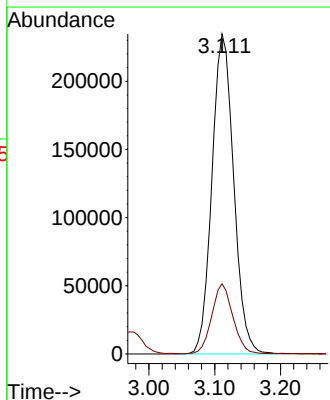
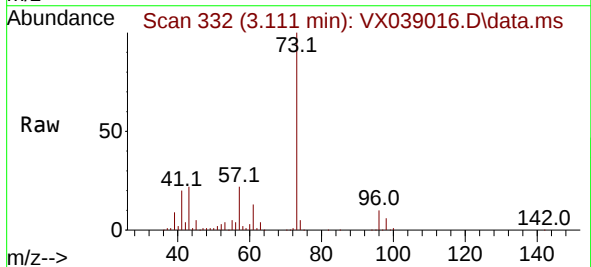
Manual Integrations
APPROVED

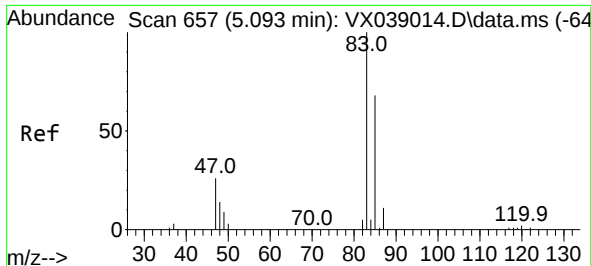
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 96.118 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 73 Resp: 540042
Ion Ratio Lower Upper
73 100
43 21.1 17.0 25.6





#25

Chloroform

Concen: 96.694 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 310908

Ion Ratio Lower Upper

83 100

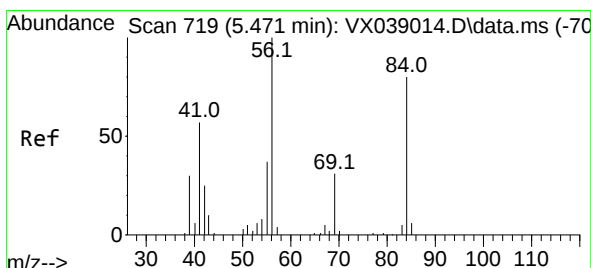
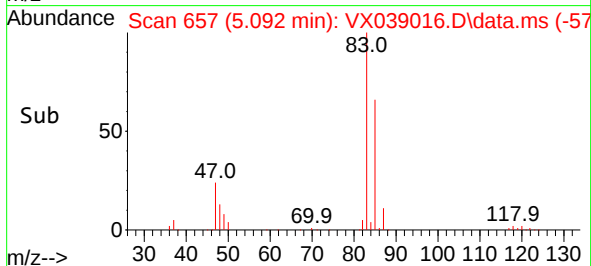
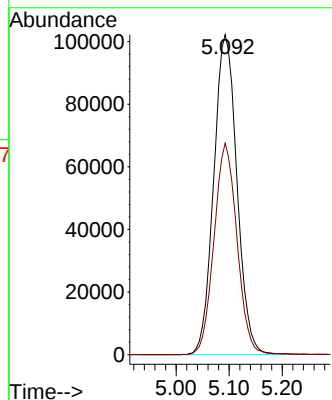
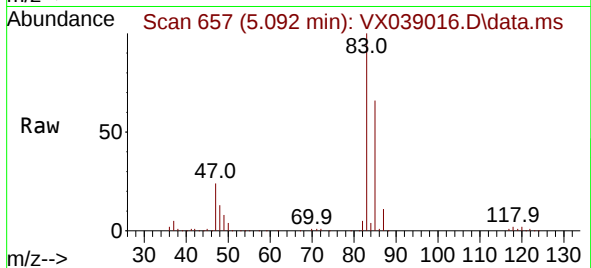
85 66.1 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#26

Cyclohexane

Concen: 96.021 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

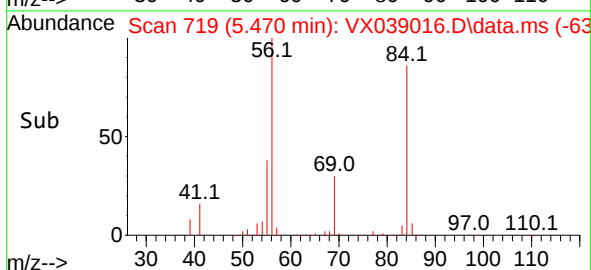
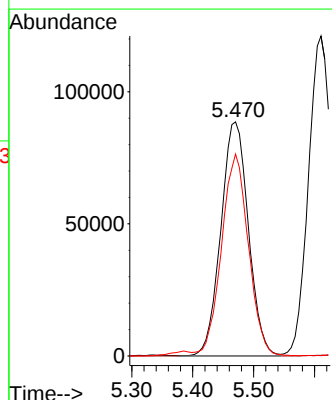
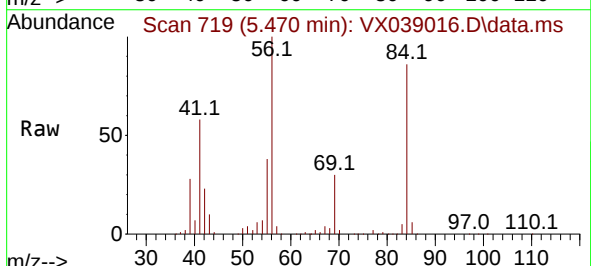
Tgt Ion: 56 Resp: 278420

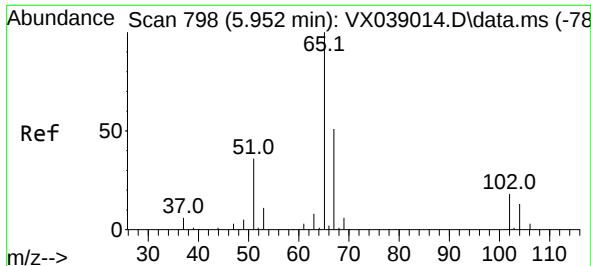
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.3 67.2 100.8





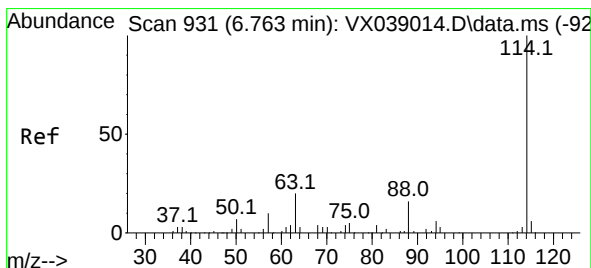
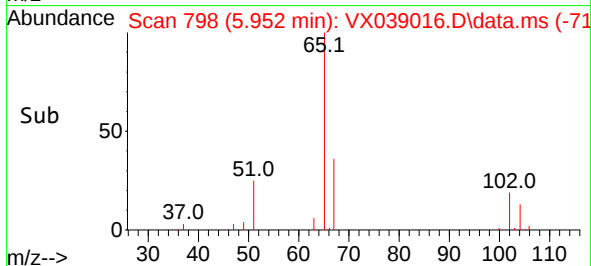
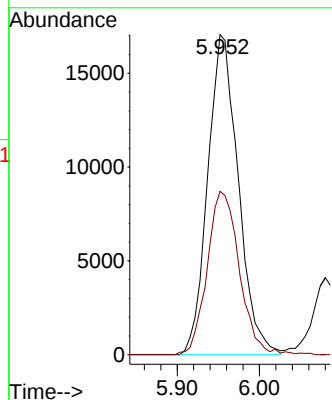
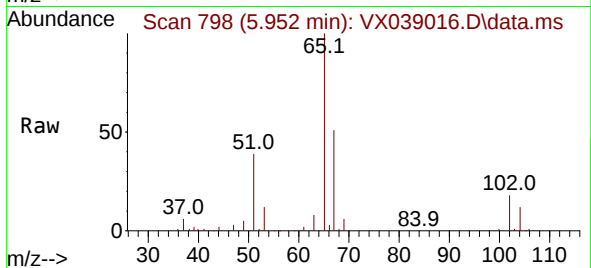
#27
1,2-Dichloroethane-d4
Concen: 28.702 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 44029
Ion Ratio Lower Upper
65 100
67 53.0 42.5 63.7

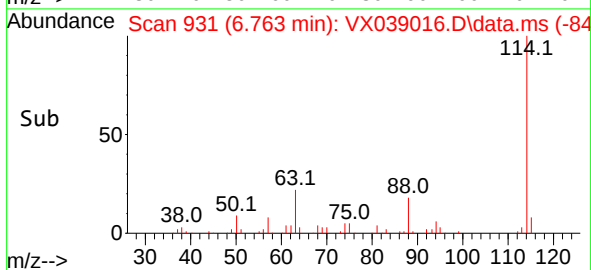
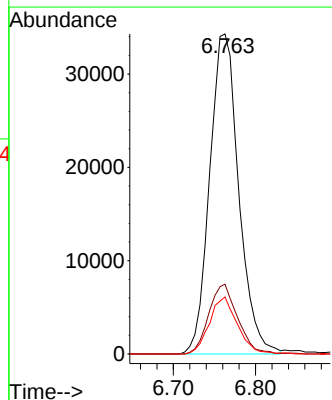
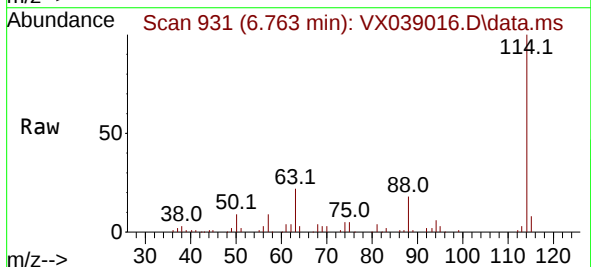
Manual Integrations
APPROVED

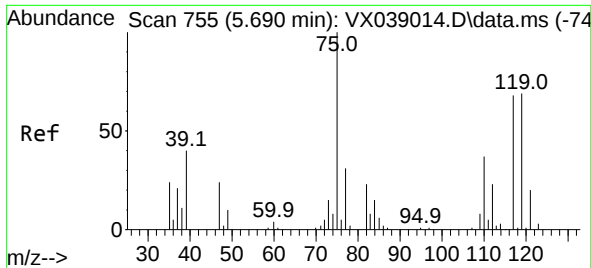
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

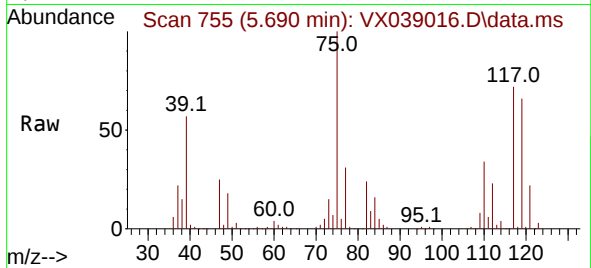
Tgt Ion:114 Resp: 84370
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 17.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 100.423 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

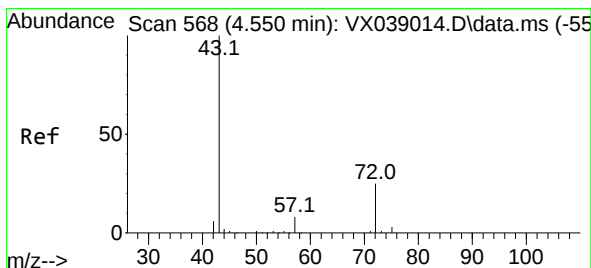
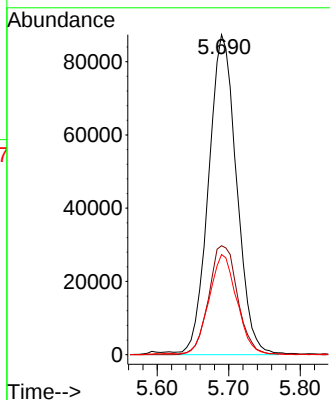
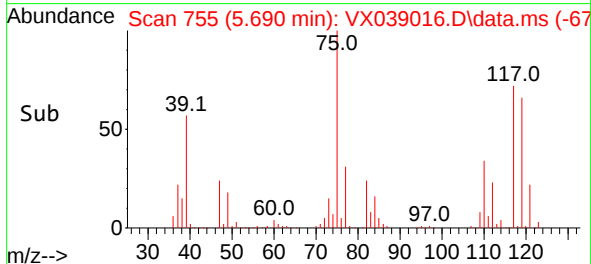
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 237512
Ion Ratio Lower Upper
75 100
110 35.2 0.0 71.2
77 31.3 0.0 62.6

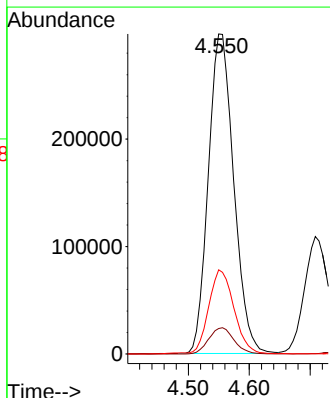
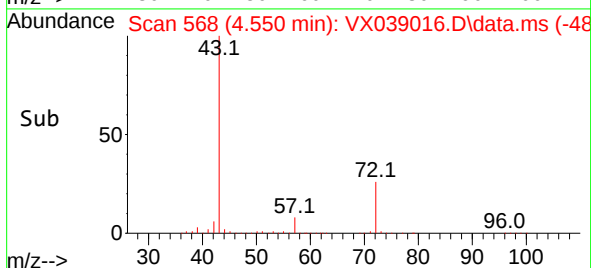
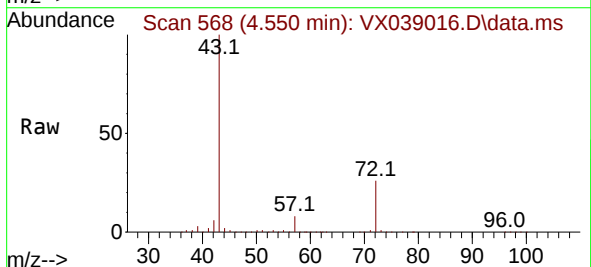
Manual Integrations
APPROVED

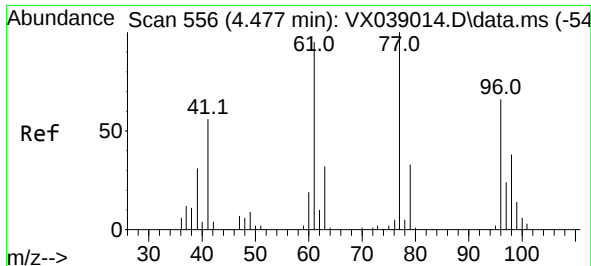
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#30
2-Butanone
Concen: 483.869 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 43 Resp: 861628
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 26.2 20.6 31.0





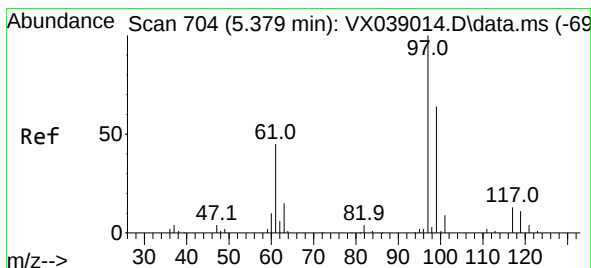
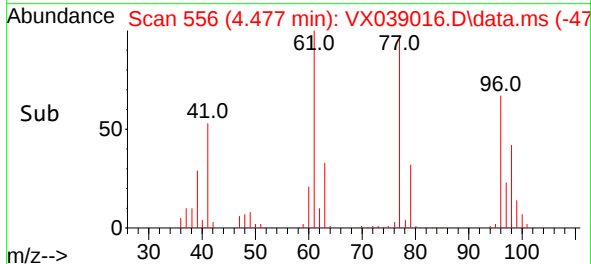
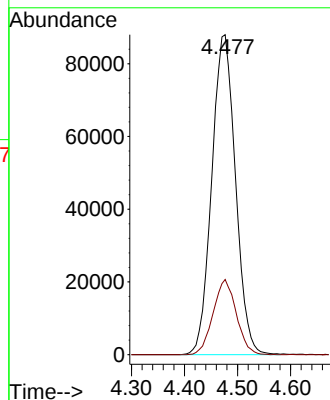
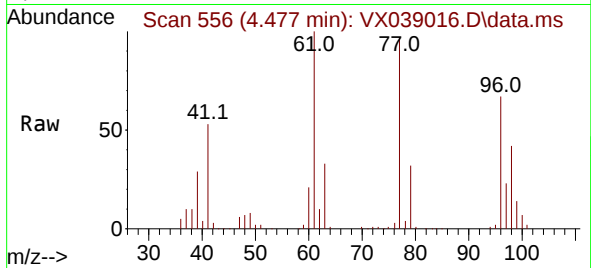
#31
2,2-Dichloropropane
Concen: 101.101 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 273390
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.4

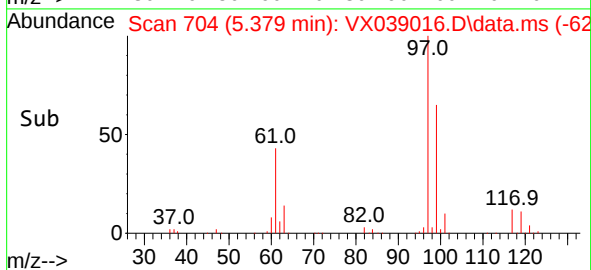
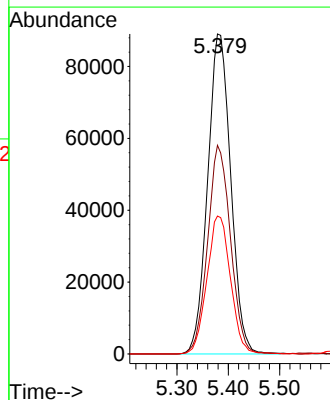
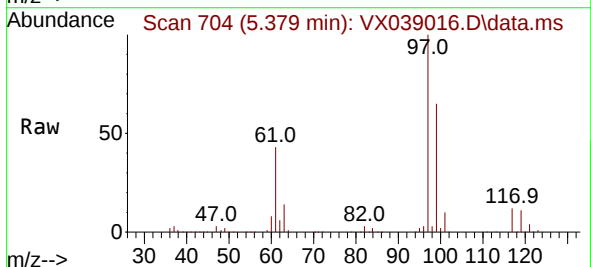
Manual Integrations
APPROVED

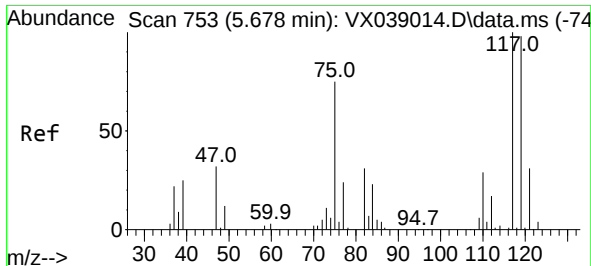
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 101.971 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

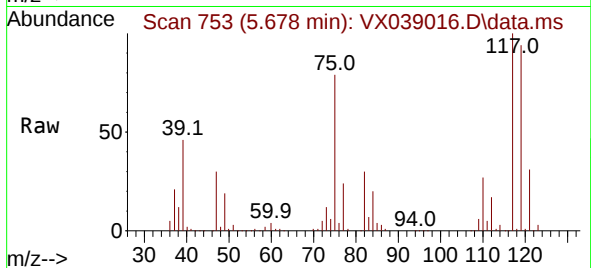
Tgt Ion: 97 Resp: 278753
Ion Ratio Lower Upper
97 100
99 64.5 52.6 79.0
61 44.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 103.813 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

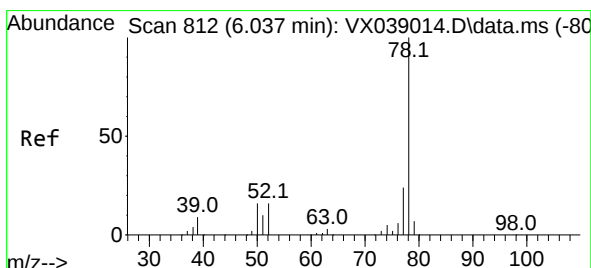
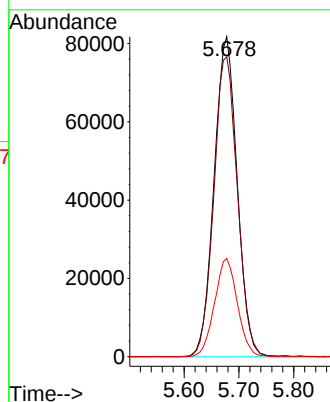
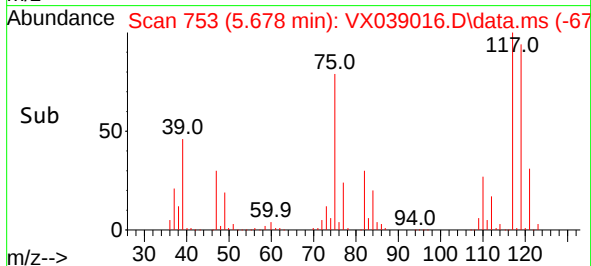
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 239044
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.4
121 30.7 24.7 37.1

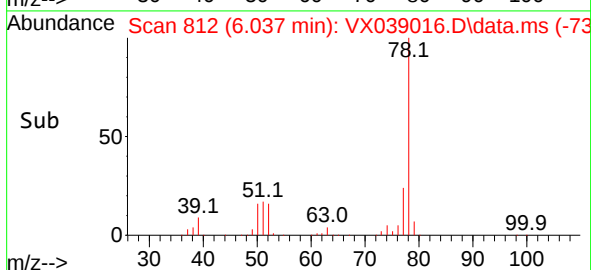
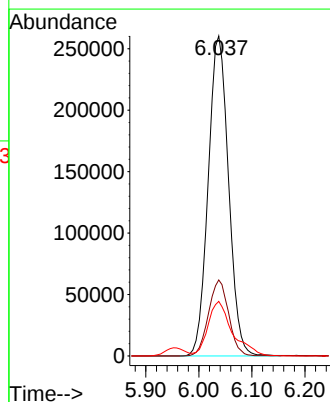
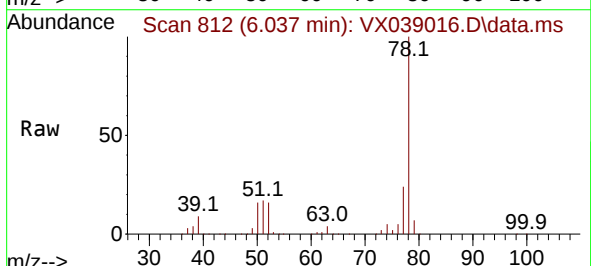
Manual Integrations
APPROVED

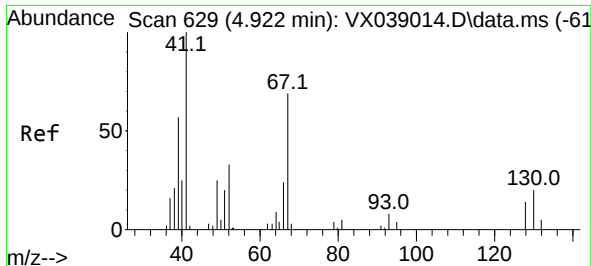
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 100.678 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

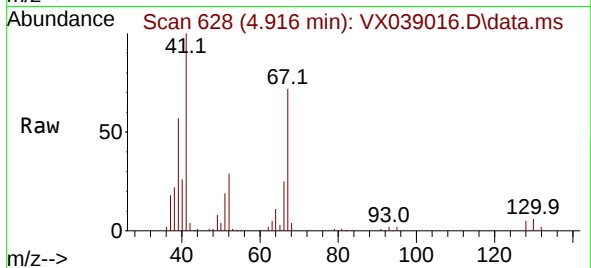
Tgt Ion: 78 Resp: 693649
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9
51 17.0 14.4 21.6





#35
Methacrylonitrile
Concen: 104.579 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

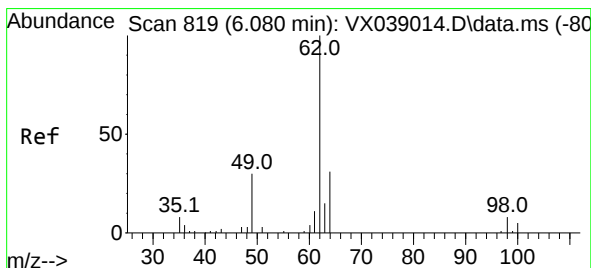
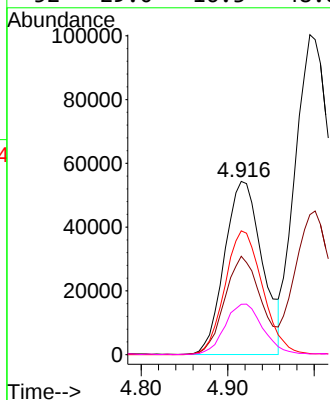
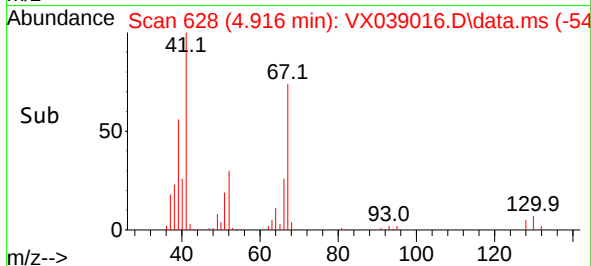
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 164950
Ion Ratio Lower Upper
41 100
39 56.7 28.2 84.7
67 71.6 34.5 103.5
52 29.0 16.3 48.8

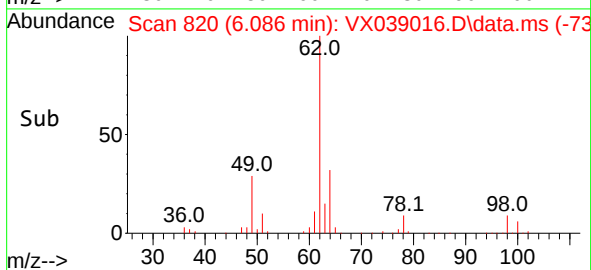
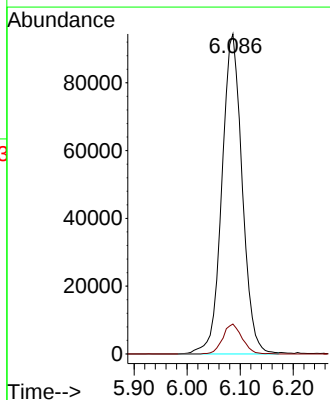
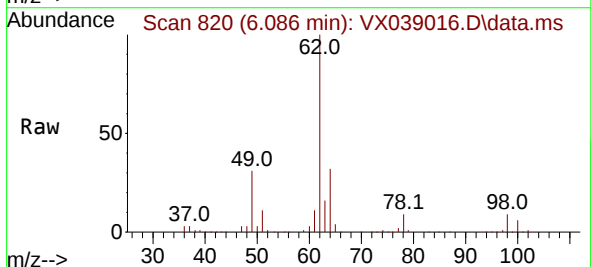
Manual Integrations
APPROVED

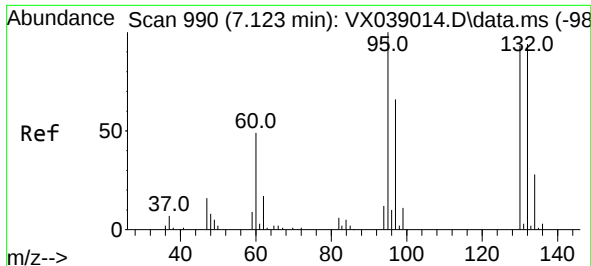
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 99.334 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

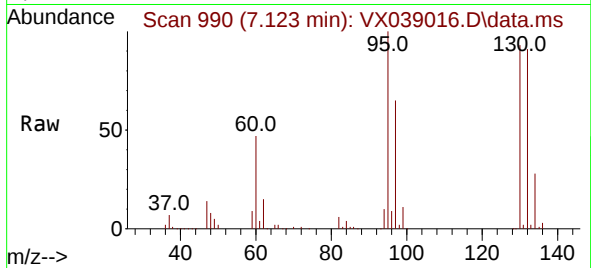
Tgt Ion: 62 Resp: 251119
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4





#37
Trichloroethene
Concen: 99.961 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

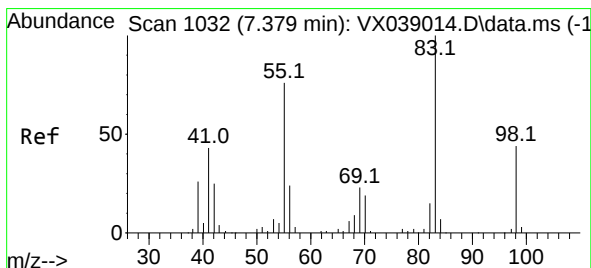
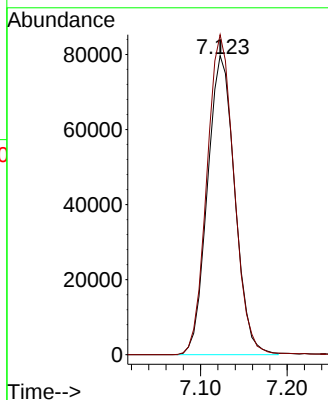
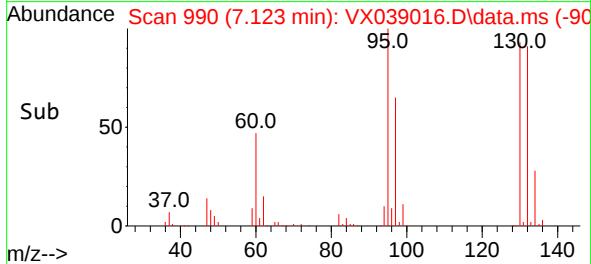
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



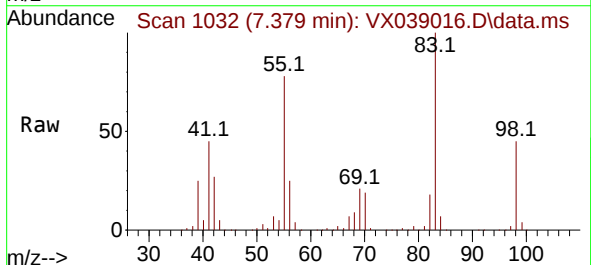
Tgt Ion:130 Resp: 174798
Ion Ratio Lower Upper
130 100
95 106.9 85.8 128.8

Manual Integrations
APPROVED

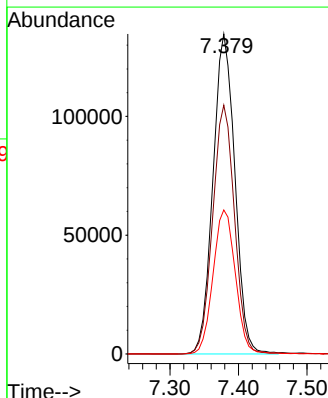
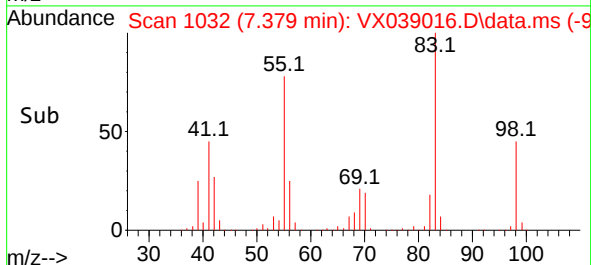
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

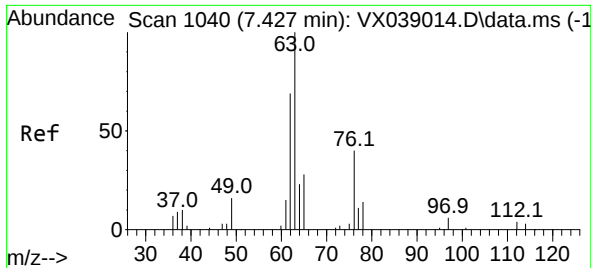


#38
Methylcyclohexane
Concen: 101.586 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



Tgt Ion: 83 Resp: 299366
Ion Ratio Lower Upper
83 100
55 77.1 38.6 116.0
98 45.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 100.576 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 18275

Ion Ratio Lower Upper

63 100

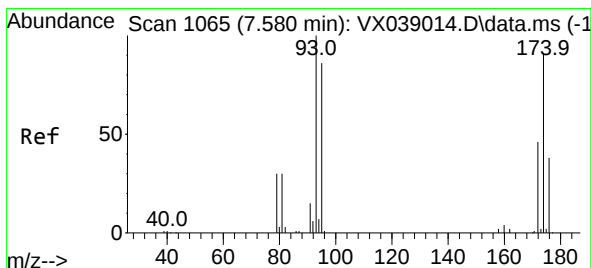
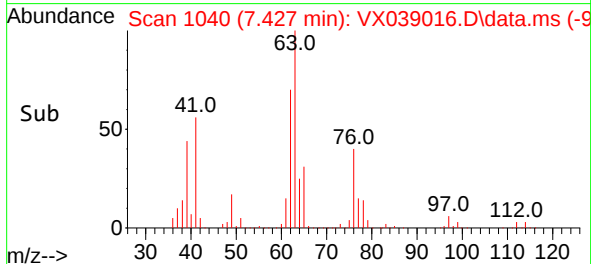
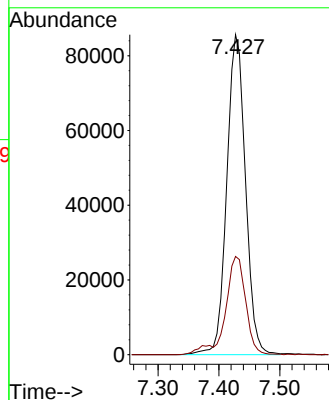
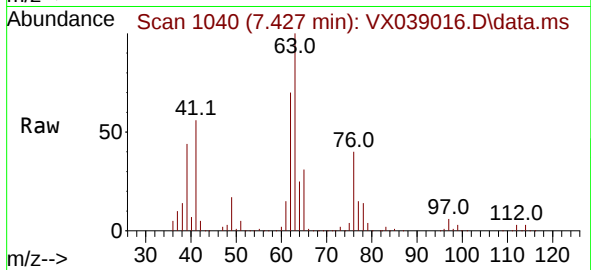
65 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 99.535 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

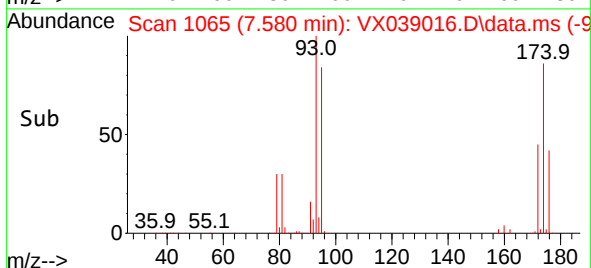
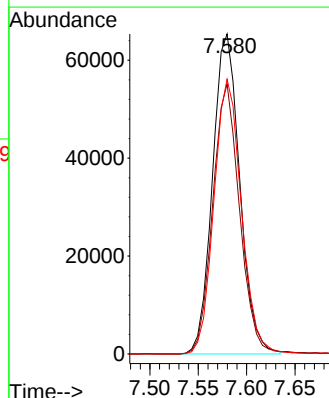
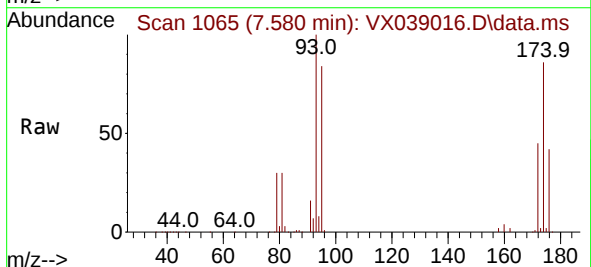
Tgt Ion: 93 Resp: 127786

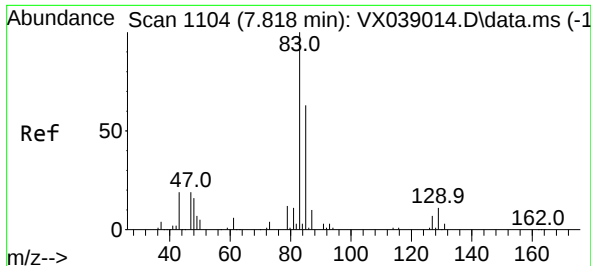
Ion Ratio Lower Upper

93 100

95 83.1 0.0 163.4

174 86.4 0.0 166.4





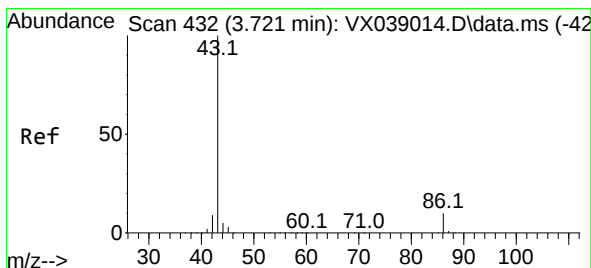
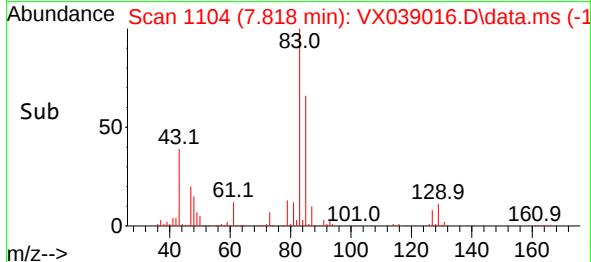
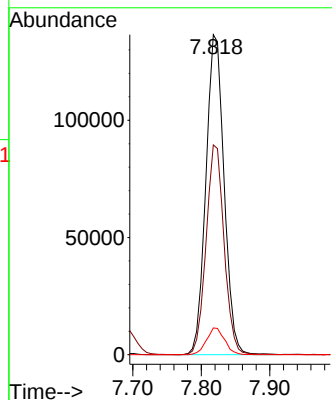
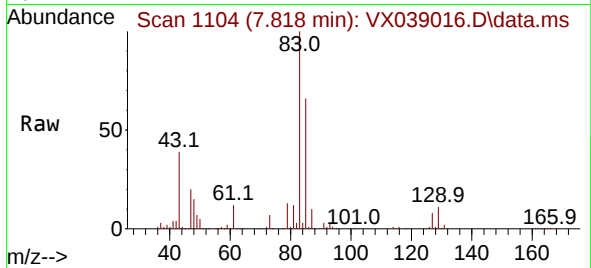
#41
Bromodichloromethane
Concen: 102.429 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 252634
Ion Ratio Lower Upper
83 100
85 65.5 50.8 76.2
127 8.3 5.9 8.9

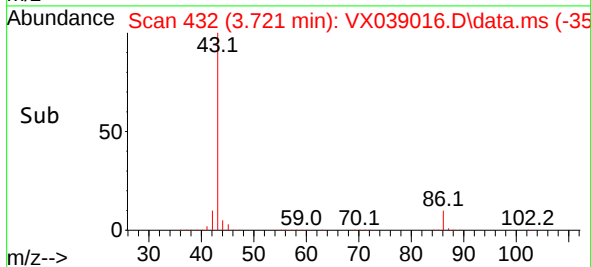
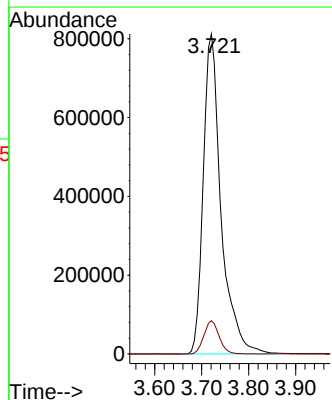
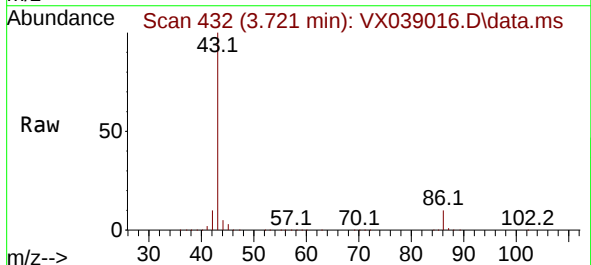
Manual Integrations
APPROVED

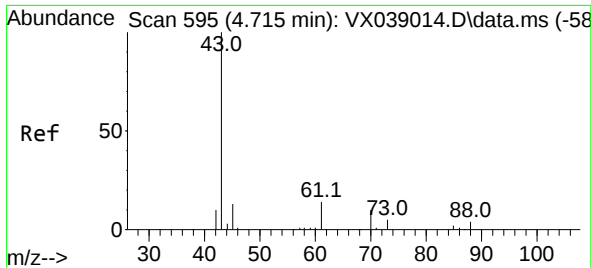
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 503.578 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 43 Resp: 2135817
Ion Ratio Lower Upper
43 100
86 8.9 6.7 10.1





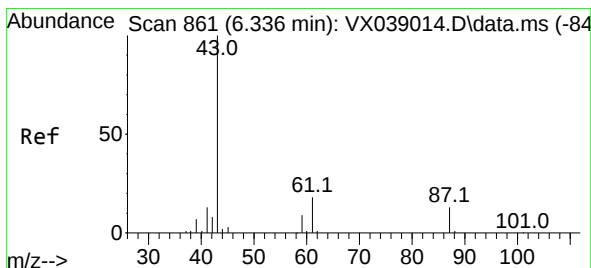
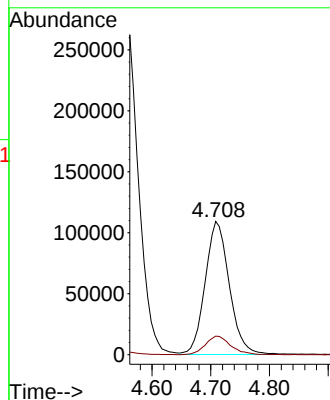
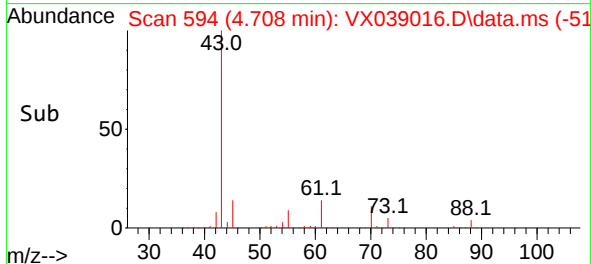
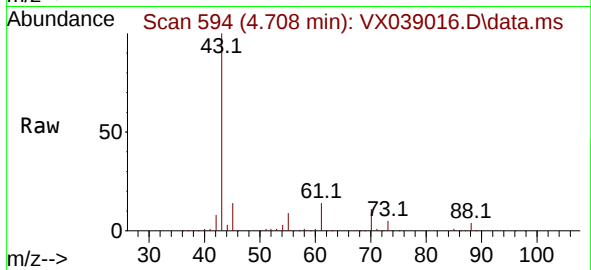
#43
Ethyl Acetate
Concen: 101.728 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 311650
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.8

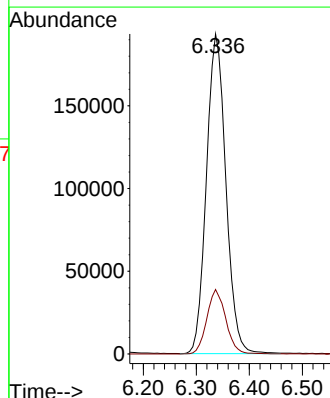
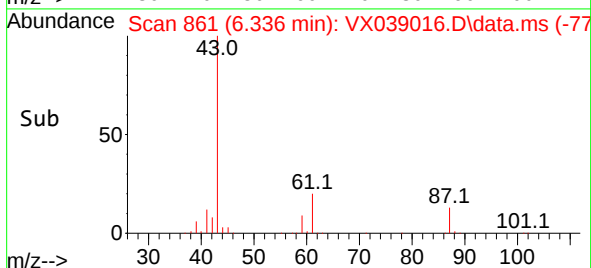
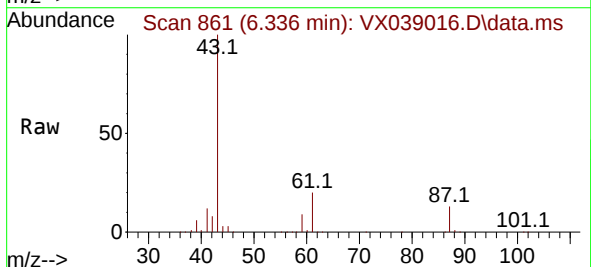
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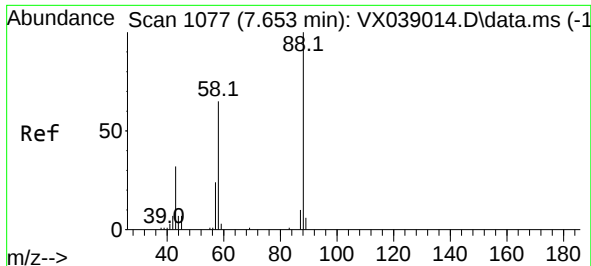
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 101.959 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

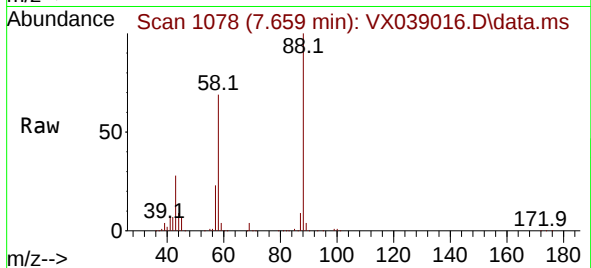
Tgt Ion: 43 Resp: 492403
Ion Ratio Lower Upper
43 100
61 19.7 15.6 23.4





#45
1,4-Dioxane
Concen: 2104.321 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

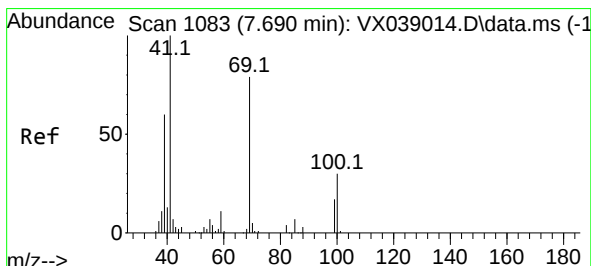
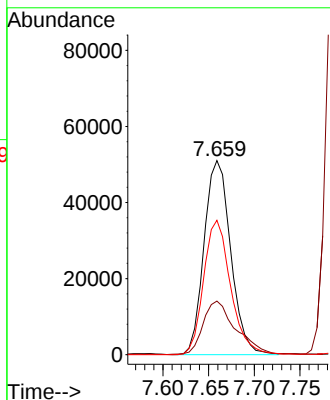
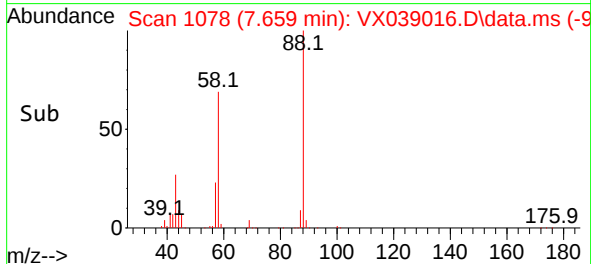
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 103740
Ion Ratio Lower Upper
88 100
43 33.6 28.1 42.1
58 69.9 57.7 86.5

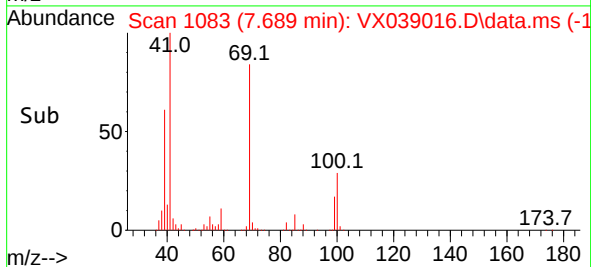
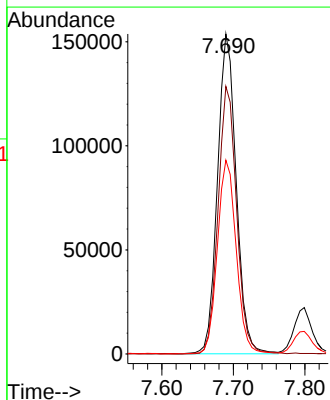
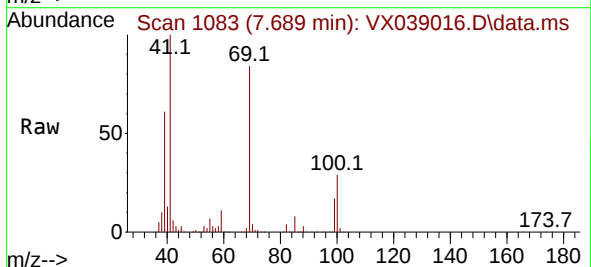
Manual Integrations
APPROVED

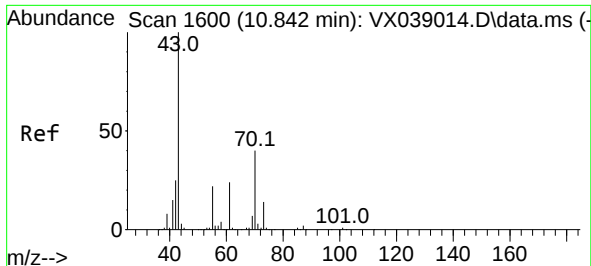
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 101.113 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 41 Resp: 279192
Ion Ratio Lower Upper
41 100
69 83.7 39.6 118.8
39 60.5 30.1 90.3





#47

n-amy1 Acetate

Concen: 108.933 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 44527

Ion Ratio Lower Upper

43 100

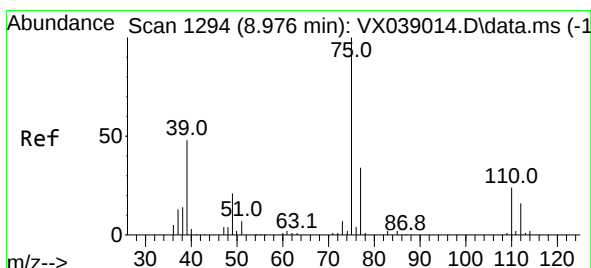
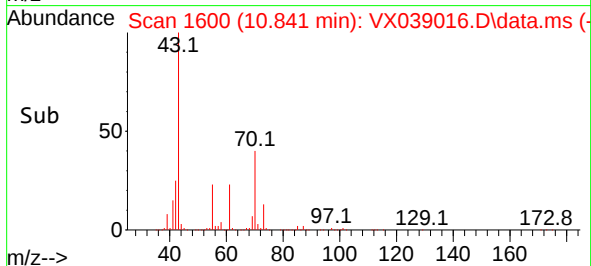
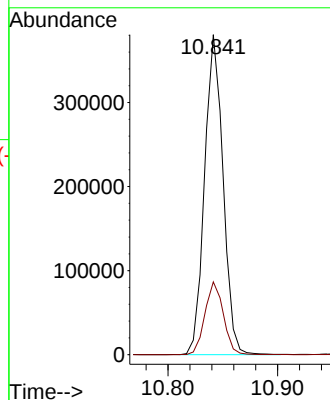
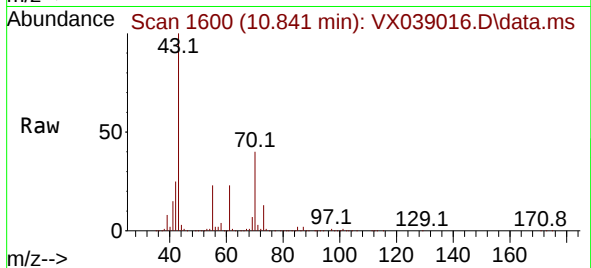
55 22.6 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#48

t-1,3-Dichloropropene

Concen: 102.640 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039016.D

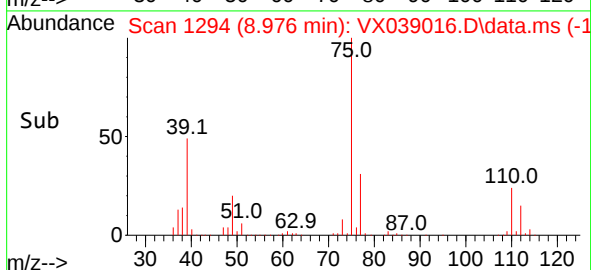
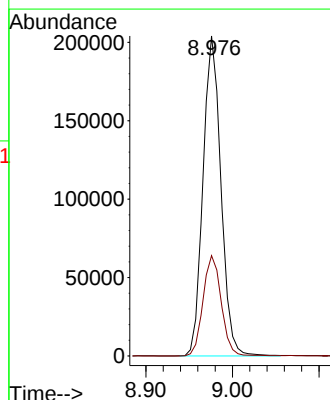
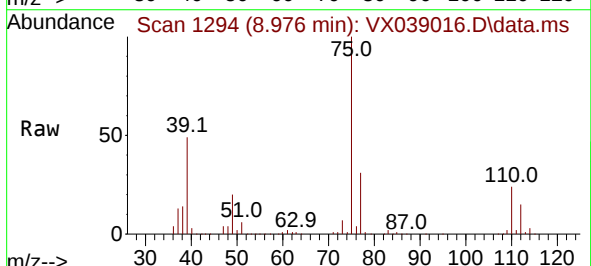
Acq: 24 Nov 2023 10:30

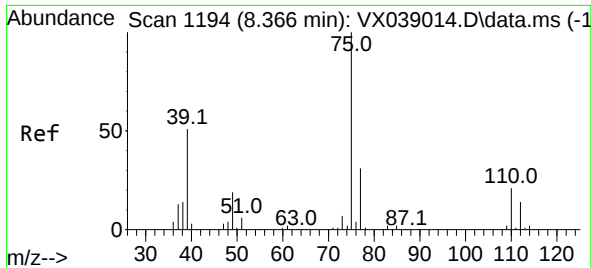
Tgt Ion: 75 Resp: 293535

Ion Ratio Lower Upper

75 100

77 31.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 102.983 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 303824

Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

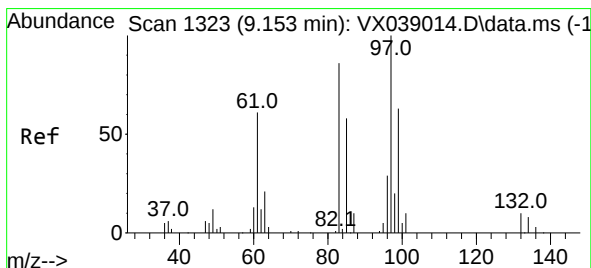
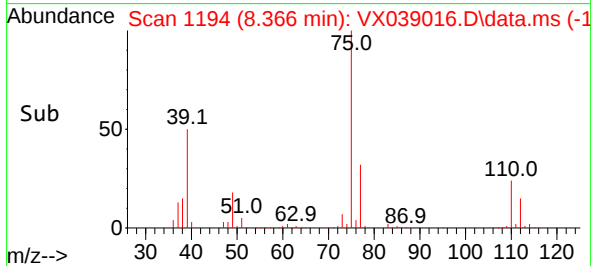
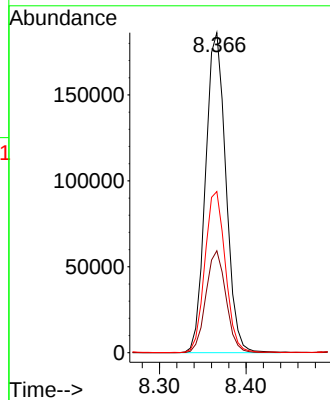
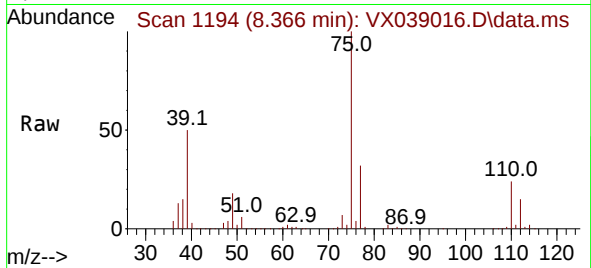
39 50.3 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 102.187 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion: 97 Resp: 178214

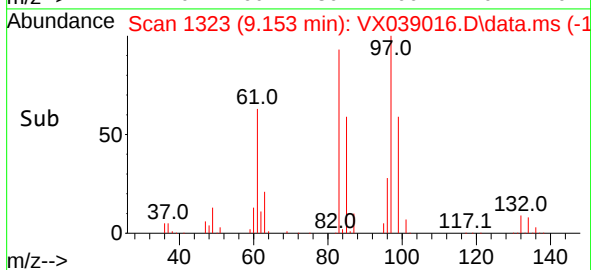
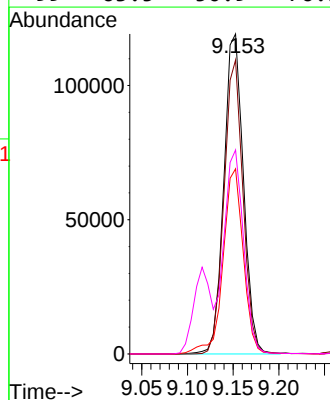
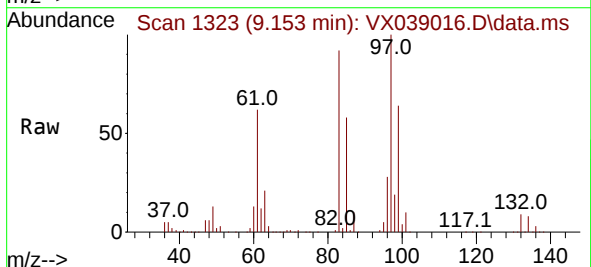
Ion Ratio Lower Upper

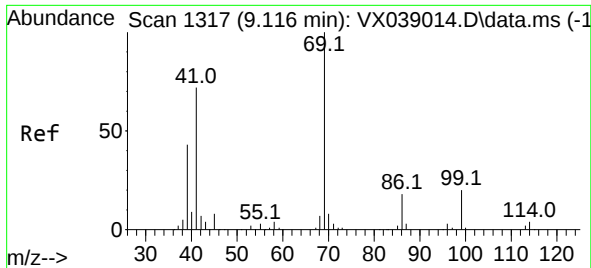
97 100

83 91.8 69.0 103.6

85 57.7 46.3 69.5

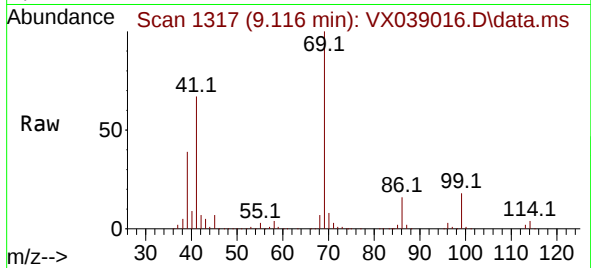
99 63.5 50.9 76.3





#51
Ethyl methacrylate
Concen: 106.266 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

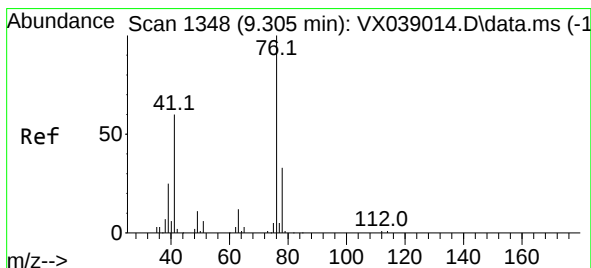
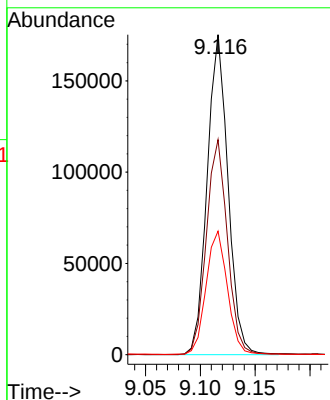
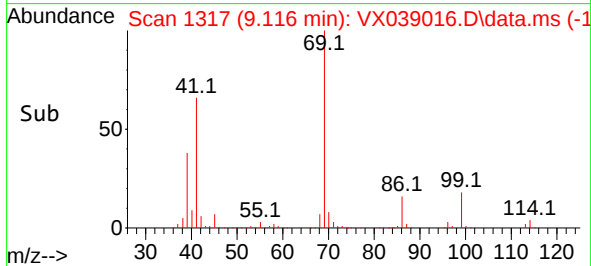
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



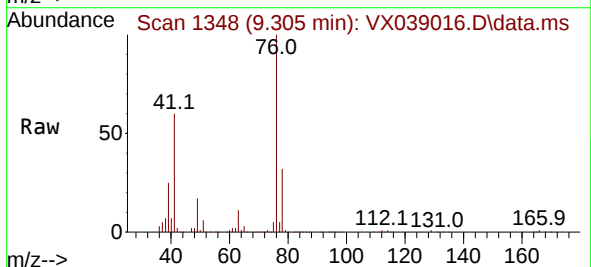
Tgt Ion: 69 Resp: 23199
Ion Ratio Lower Upper
69 100
41 67.1 36.2 108.6
39 38.4 21.1 63.4

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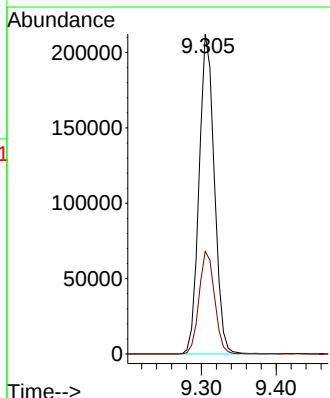
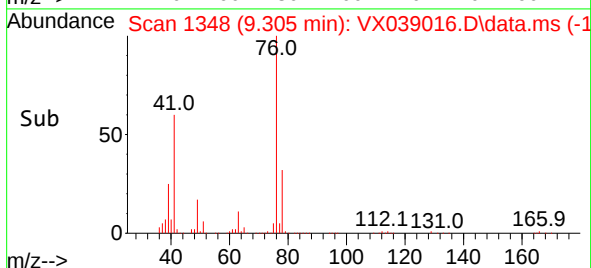
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

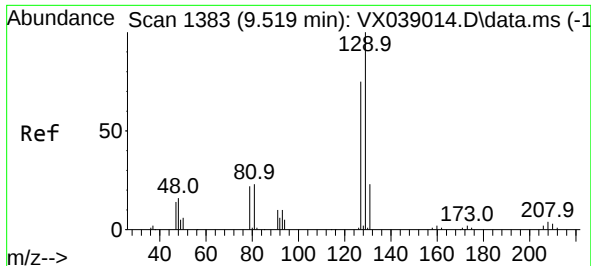


#52
1,3-Dichloropropane
Concen: 100.541 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



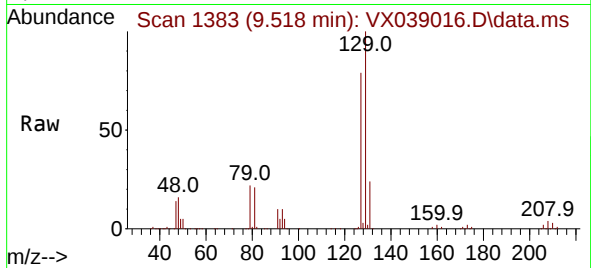
Tgt Ion: 76 Resp: 300665
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





#53
 Dibromochloromethane
 Concen: 103.878 ug/l
 RT: 9.518 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX039016.D
 Acq: 24 Nov 2023 10:30

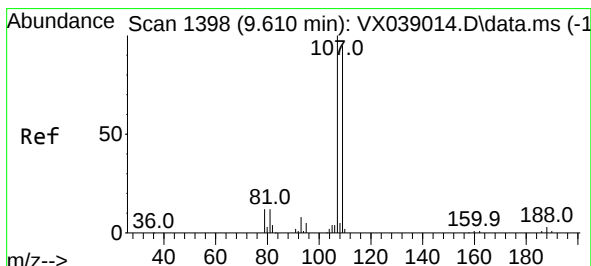
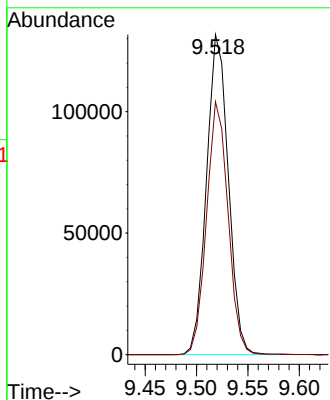
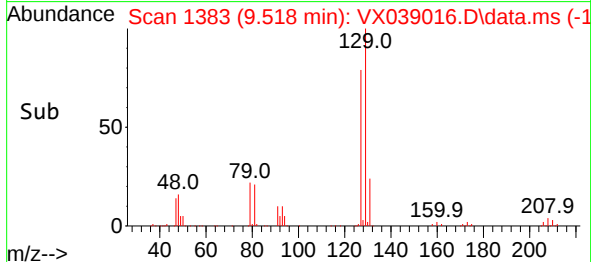
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



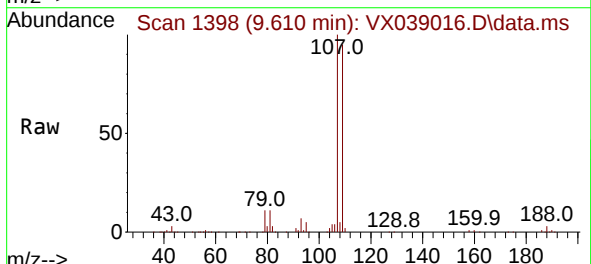
Tgt Ion:129 Resp: 194562
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.3 114.9

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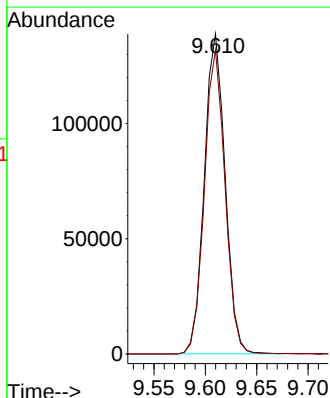
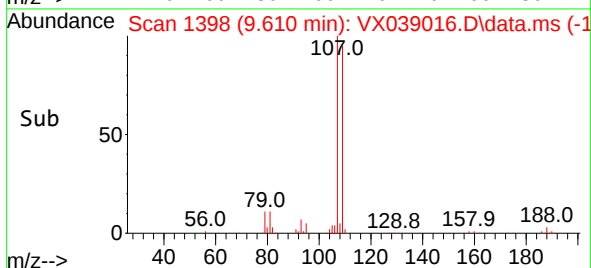
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

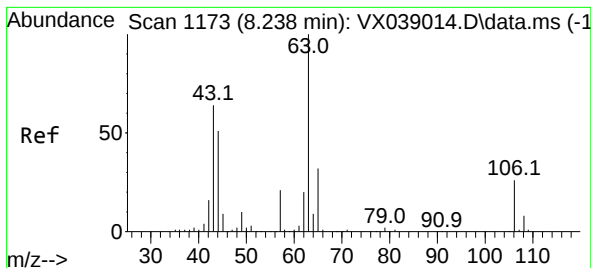


#54
 1,2-Dibromoethane
 Concen: 102.198 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VX039016.D
 Acq: 24 Nov 2023 10:30



Tgt Ion:107 Resp: 195457
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7





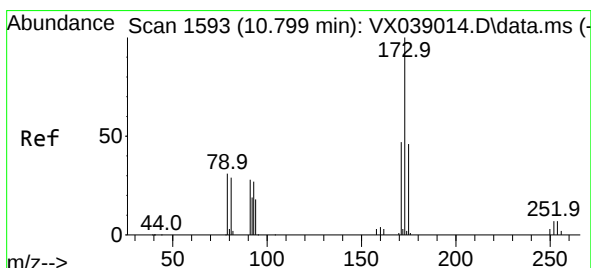
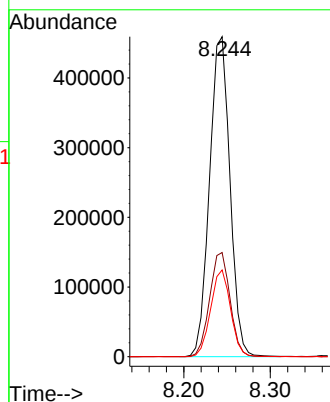
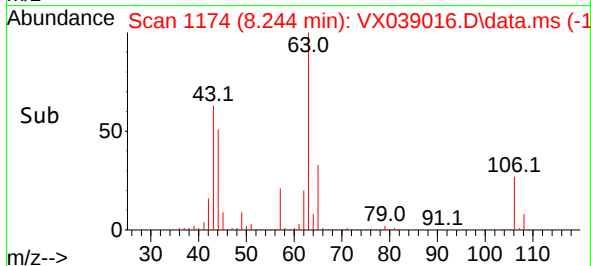
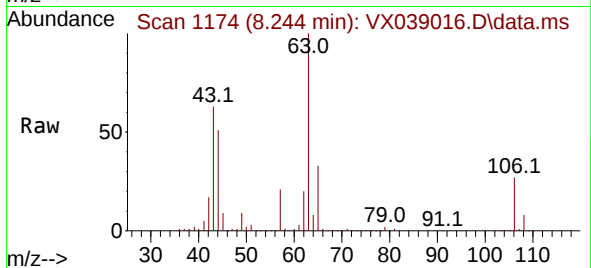
#55
2-Chloroethyl vinyl ether
Concen: 544.034 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 75238
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 26.4 20.6 31.0

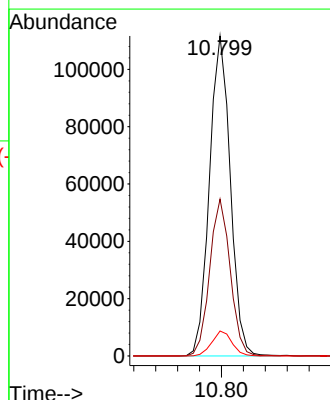
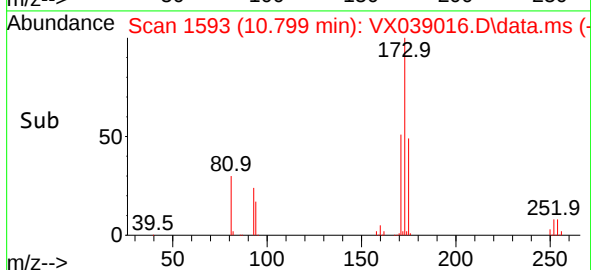
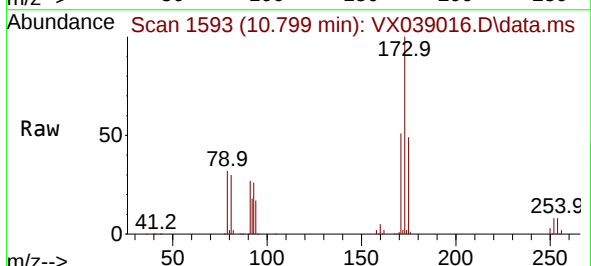
Manual Integrations
APPROVED

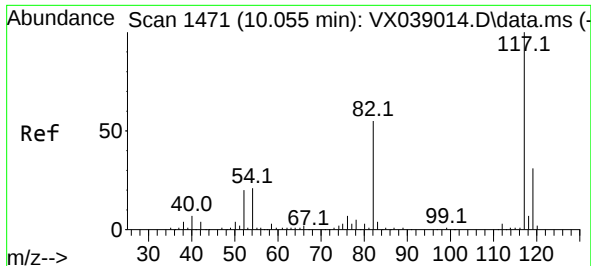
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 109.003 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

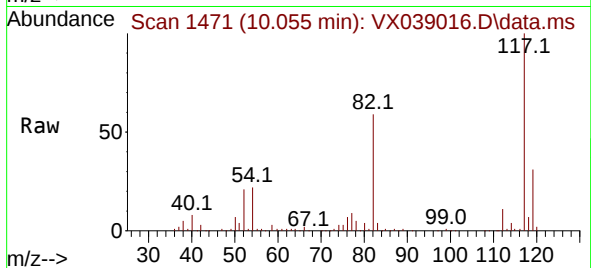
Tgt Ion:173 Resp: 147349
Ion Ratio Lower Upper
173 100
175 48.2 37.6 56.4
254 7.6 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

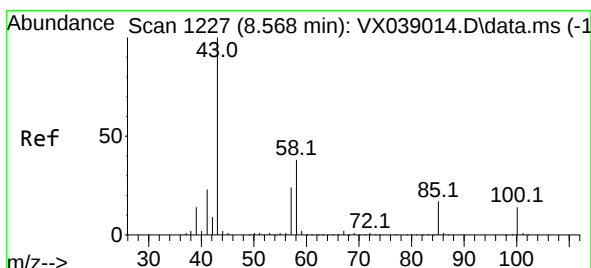
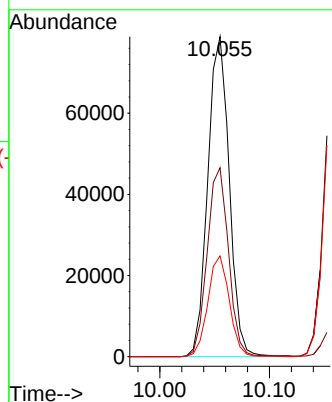
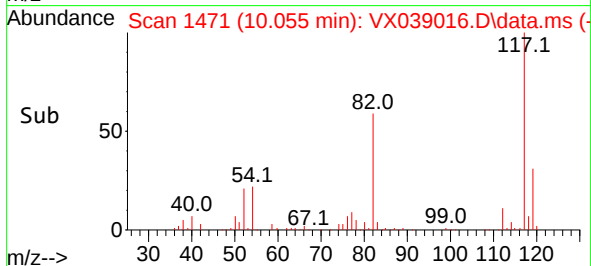
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 107288
Ion Ratio Lower Upper
117 100
82 58.9 47.0 70.6
119 31.4 25.2 37.8

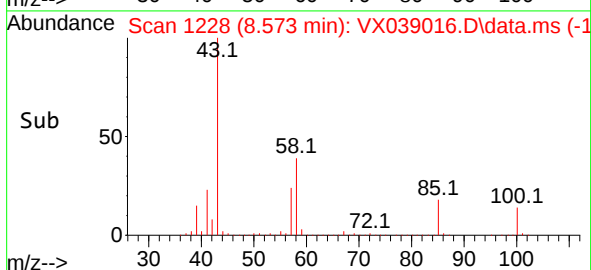
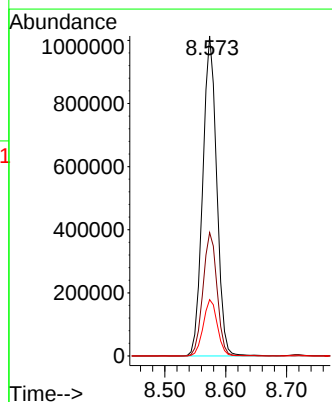
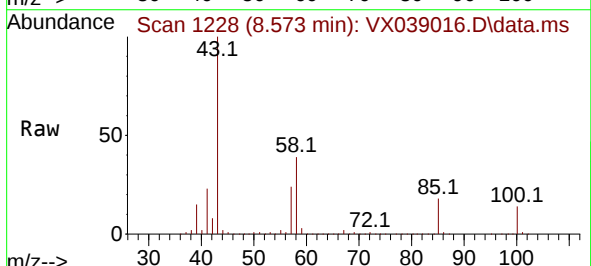
Manual Integrations
APPROVED

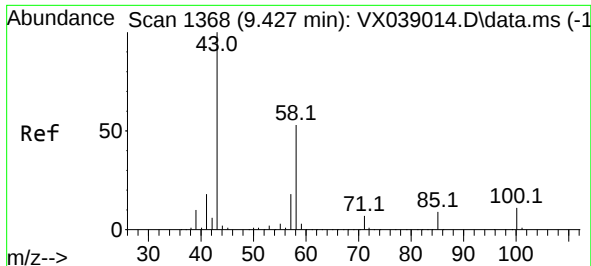
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 498.587 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 43 Resp: 1622145
Ion Ratio Lower Upper
43 100
58 38.7 30.1 45.1
85 17.8 13.9 20.9





#59

2-Hexanone

Concen: 504.650 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1347714

Ion Ratio Lower Upper

43 100

58 54.0 42.7 64.1

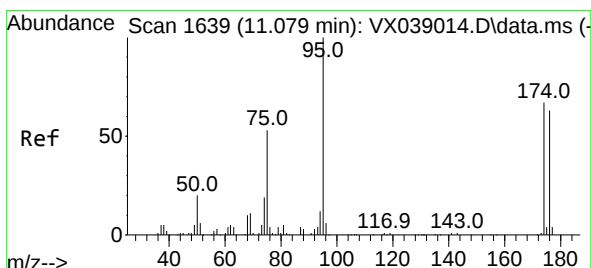
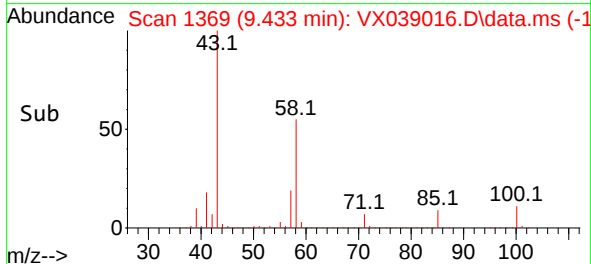
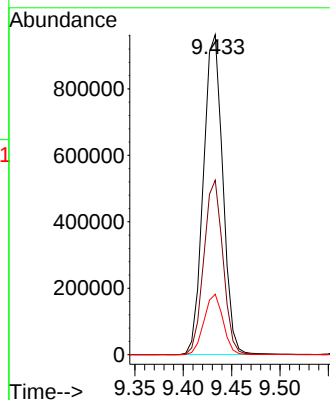
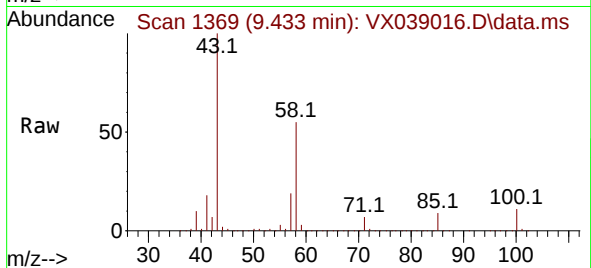
57 18.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#60

4-Bromofluorobenzene

Concen: 30.496 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

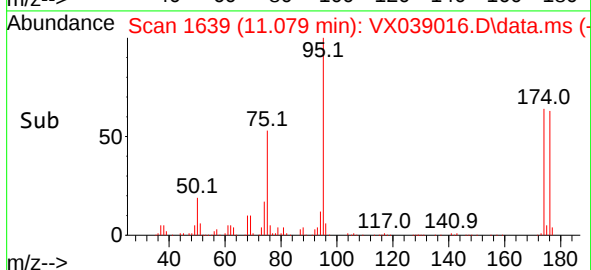
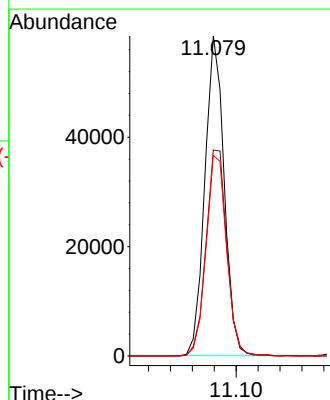
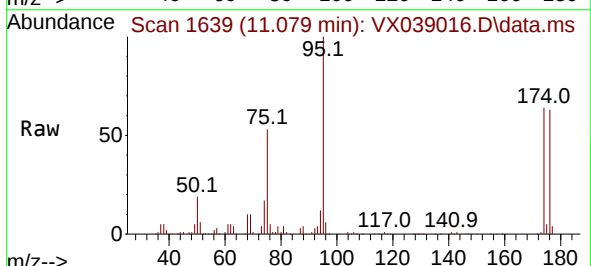
Tgt Ion: 95 Resp: 71464

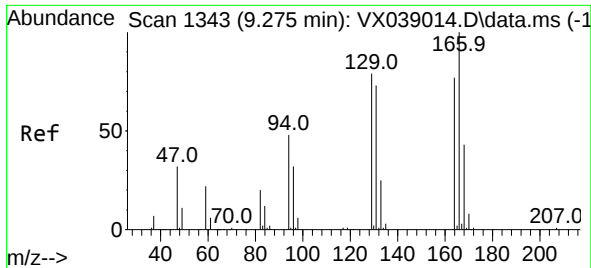
Ion Ratio Lower Upper

95 100

174 69.4 55.4 83.2

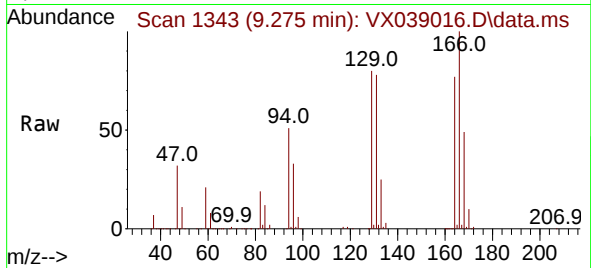
176 66.8 52.6 78.8





#61
Tetrachloroethene
Concen: 97.690 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

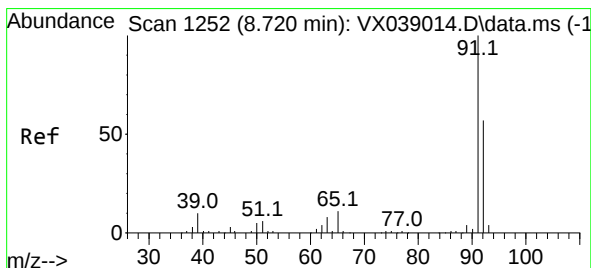
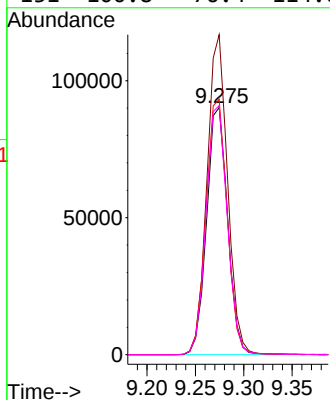
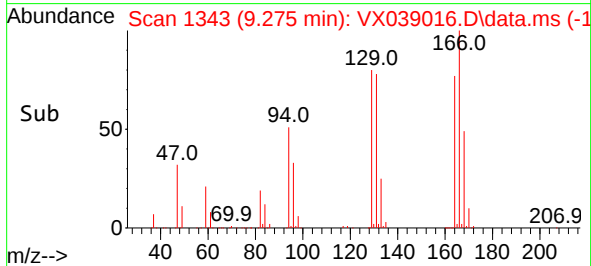
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 136269
Ion Ratio Lower Upper
164 100
166 129.4 104.0 156.0
129 103.2 82.0 123.0
131 100.8 76.4 114.6

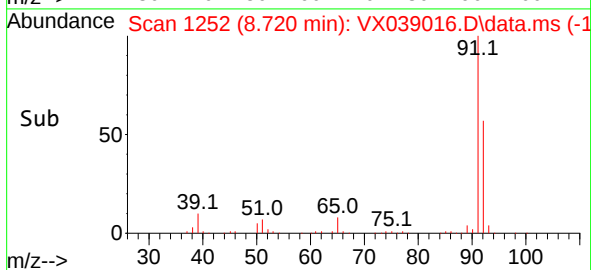
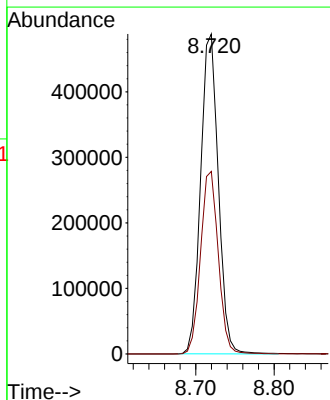
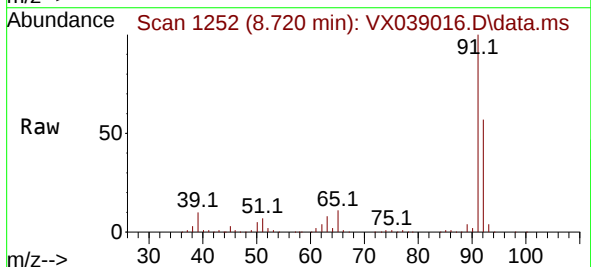
Manual Integrations
APPROVED

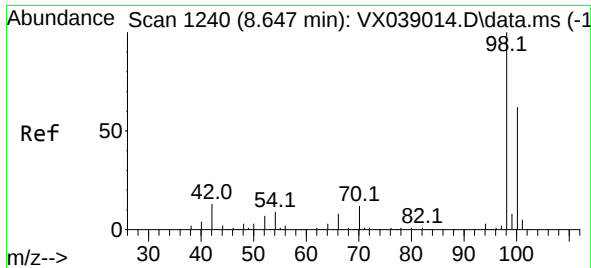
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 100.279 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

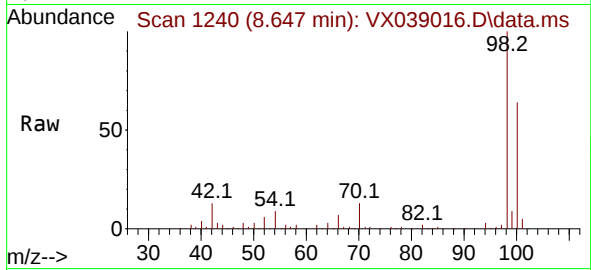
Tgt Ion: 91 Resp: 763834
Ion Ratio Lower Upper
91 100
92 57.3 45.9 68.9





#63
Toluene-d8
Concen: 29.816 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

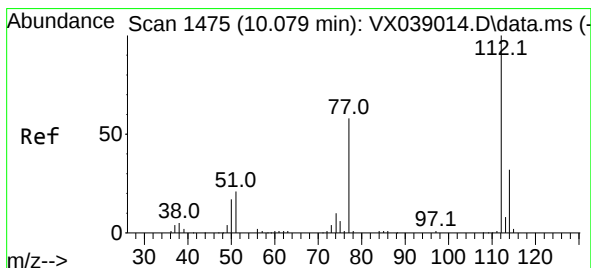
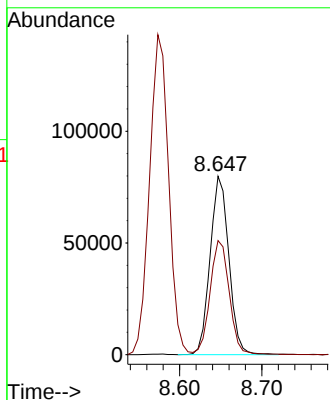
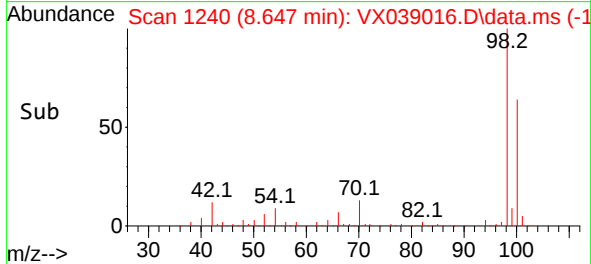
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 126474
Ion Ratio Lower Upper
98 100
100 65.3 51.0 76.4

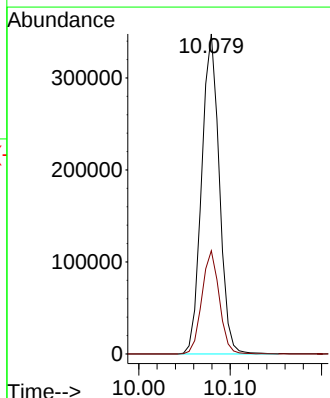
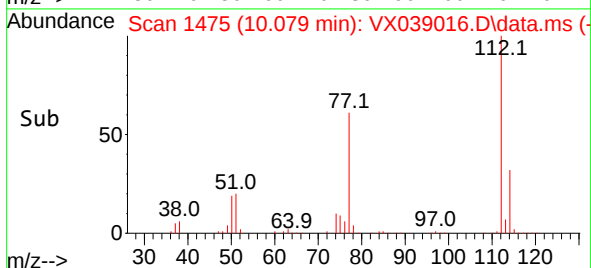
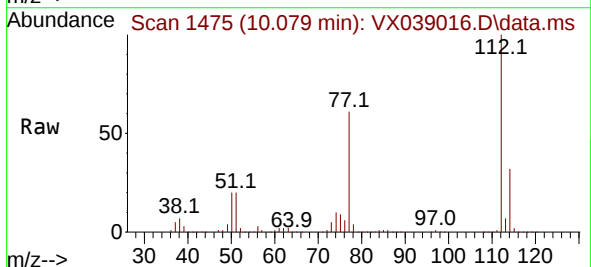
Manual Integrations
APPROVED

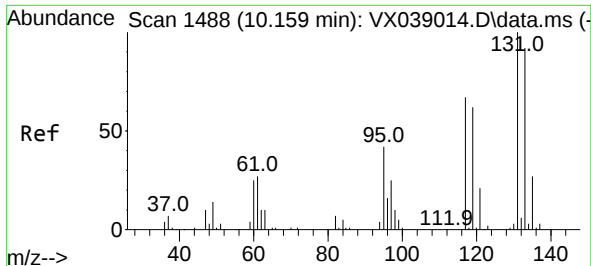
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#64
Chlorobenzene
Concen: 100.560 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion:112 Resp: 465929
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





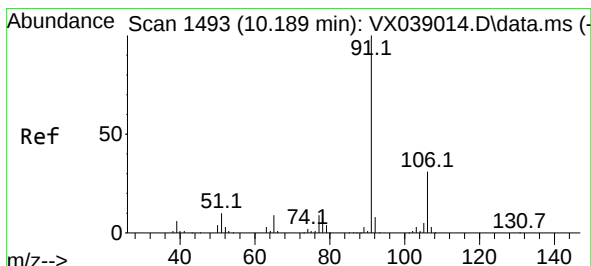
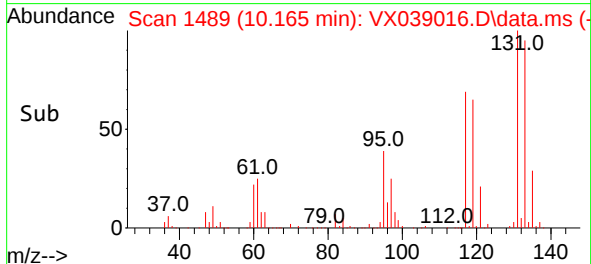
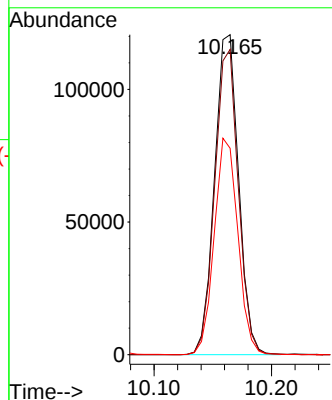
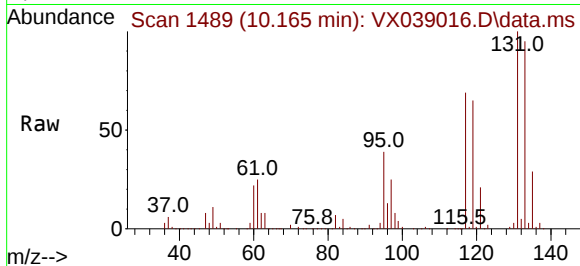
#65
1,1,1,2-Tetrachloroethane
Concen: 103.096 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:131 Resp: 172032
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 66.6 0.0 135.4

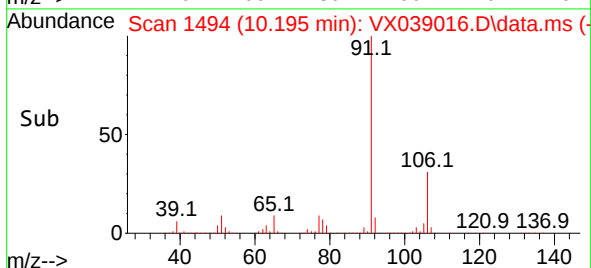
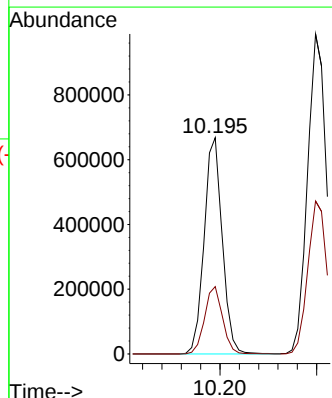
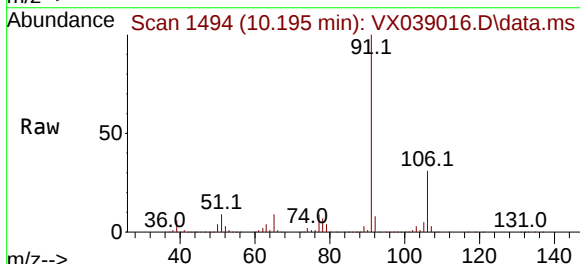
Manual Integrations
APPROVED

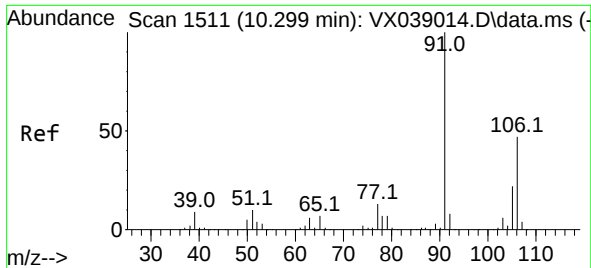
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 100.228 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 869332
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6





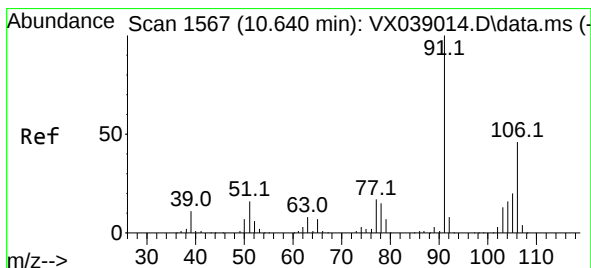
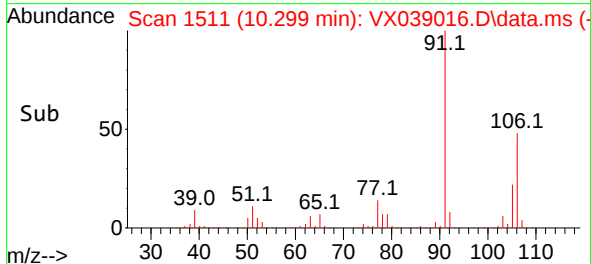
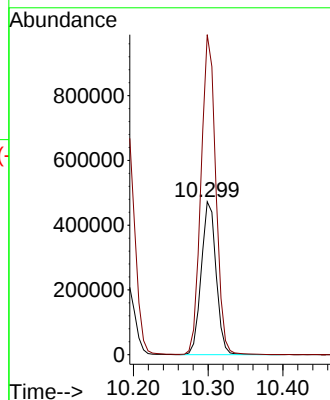
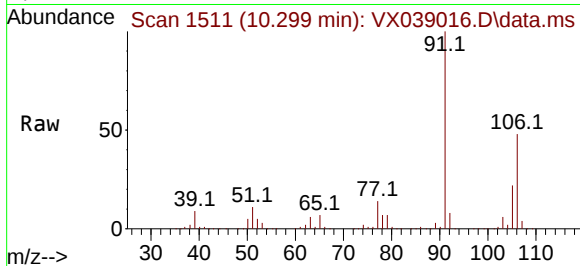
#67
m/p-Xylenes
Concen: 203.026 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 65070
Ion Ratio Lower Upper
106 100
91 208.0 169.4 254.0

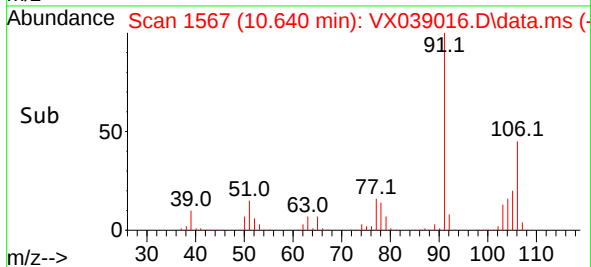
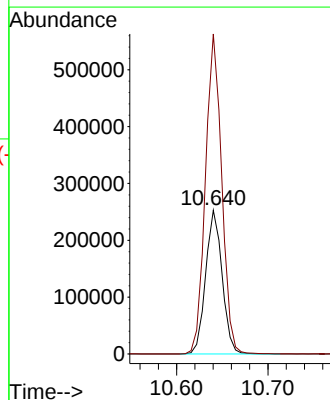
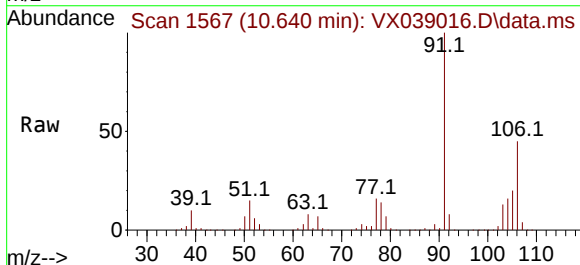
Manual Integrations
APPROVED

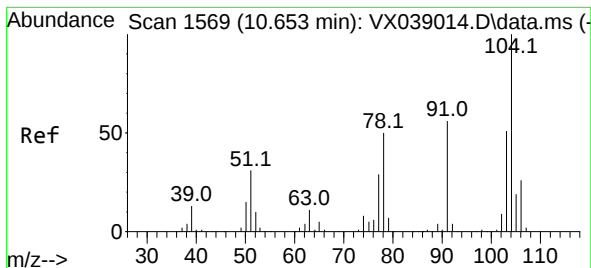
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 101.847 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion:106 Resp: 316197
Ion Ratio Lower Upper
106 100
91 220.2 111.2 333.6





#69

Styrene

Concen: 103.454 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 475339

Ion Ratio Lower Upper

104 100

78 54.1 43.7 65.5

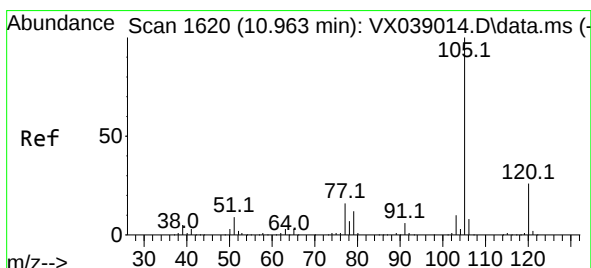
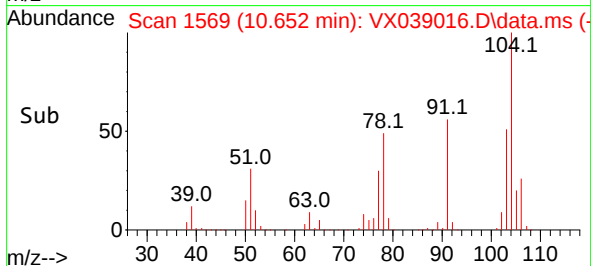
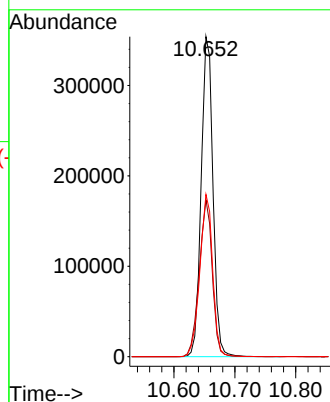
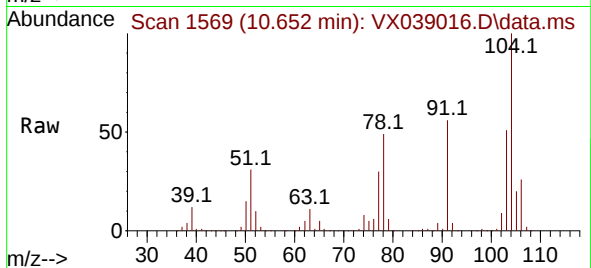
103 55.1 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 101.440 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039016.D

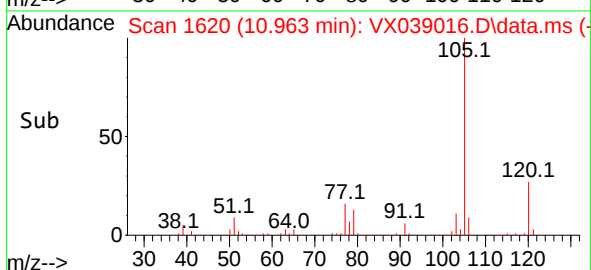
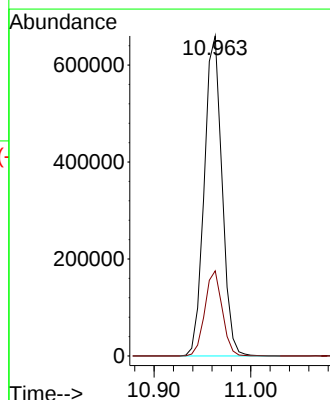
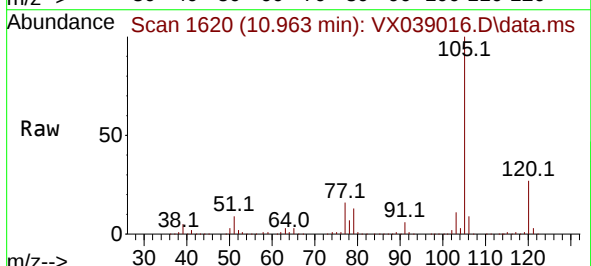
Acq: 24 Nov 2023 10:30

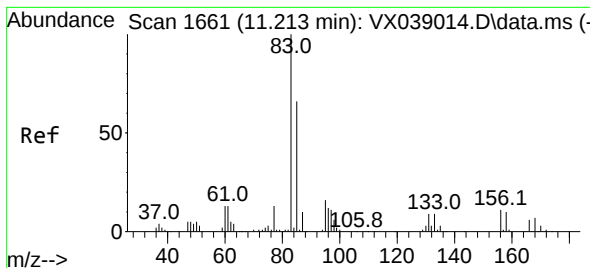
Tgt Ion:105 Resp: 842617

Ion Ratio Lower Upper

105 100

120 26.1 18.5 34.3





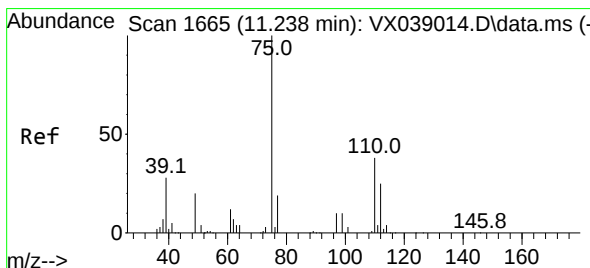
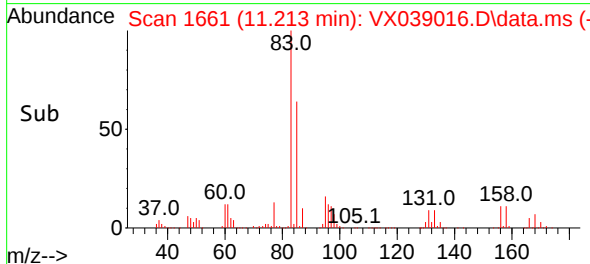
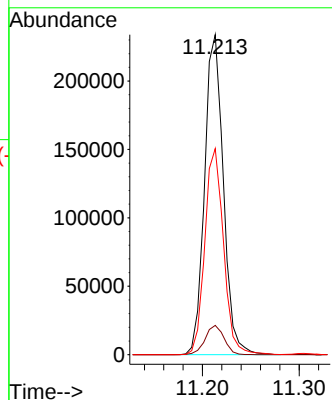
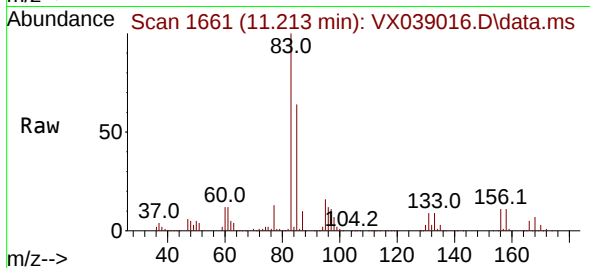
#71
1,1,2,2-Tetrachloroethane
Concen: 101.932 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 316080
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 64.3 32.5 97.4

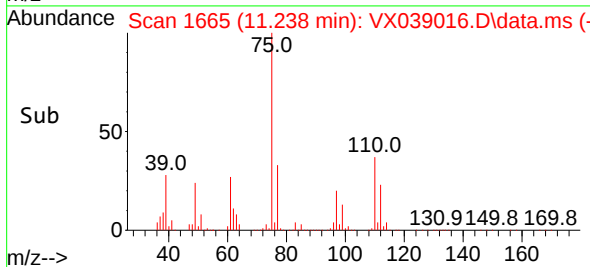
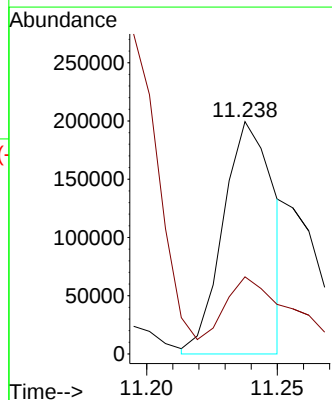
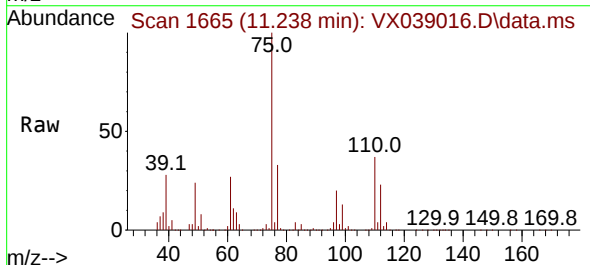
Manual Integrations
APPROVED

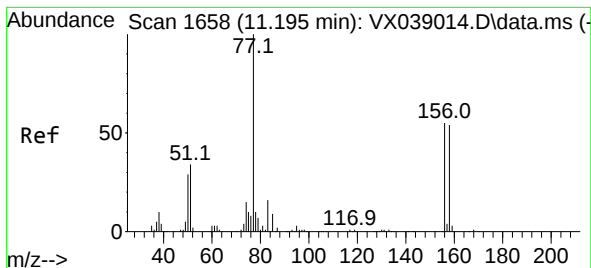
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 75.207 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 75 Resp: 267996
Ion Ratio Lower Upper
75 100
77 45.6 0.0 76.4





#73

Bromobenzene

Concen: 101.553 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

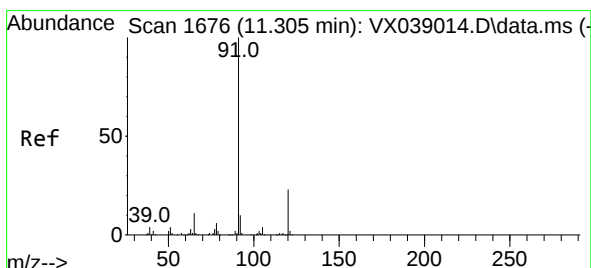
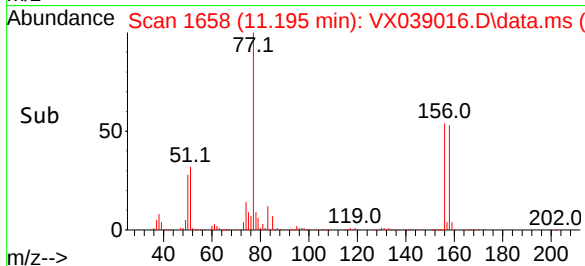
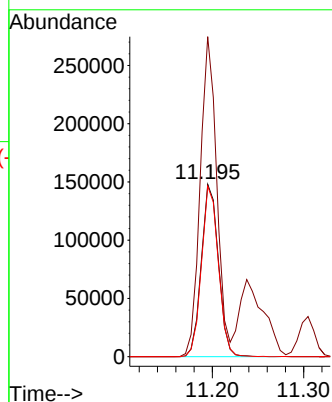
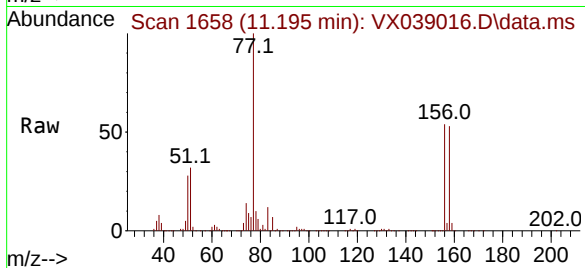
Tgt Ion:	156	Resp:	19205
Ion Ratio	Lower	Upper	
156	100		
77	179.6	0.0	363.2
158	97.6	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 102.003 ug/l

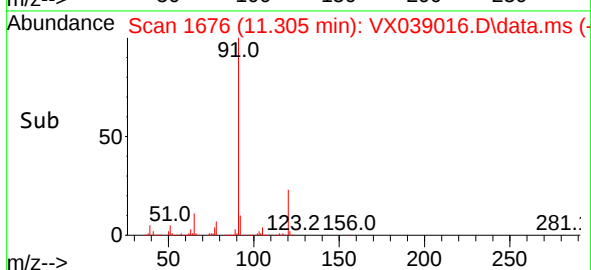
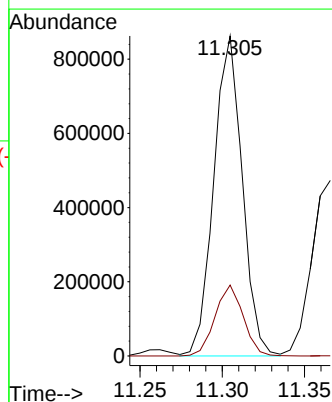
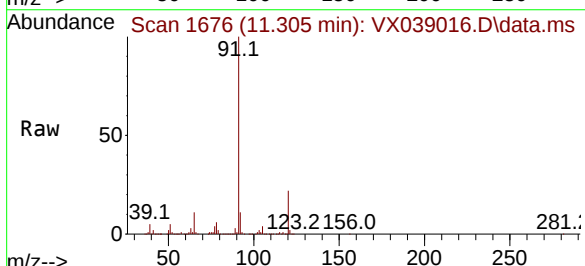
RT: 11.305 min Scan# 1676

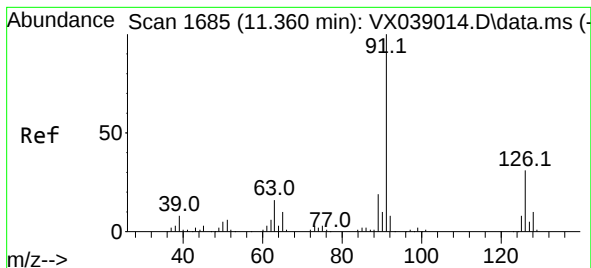
Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion:	91	Resp:	1038104
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.4





#75

2-Chlorotoluene

Concen: 101.639 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 606869

Ion Ratio Lower Upper

91 100

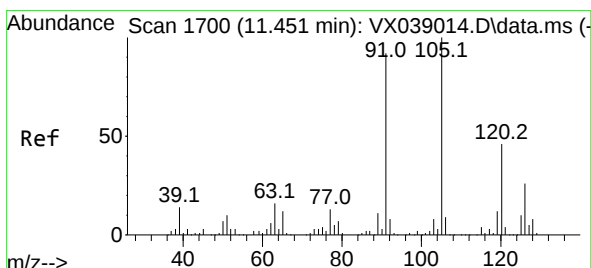
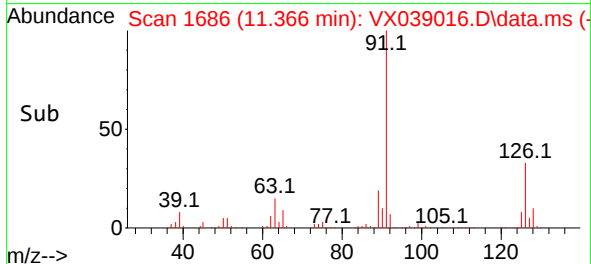
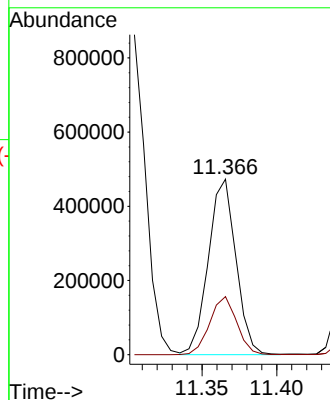
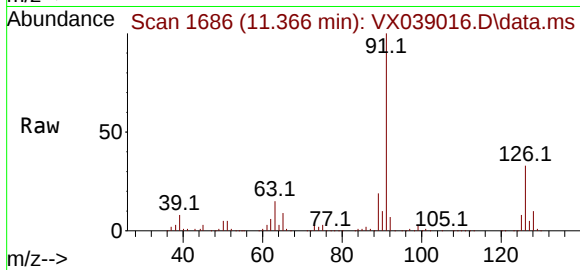
126 32.4 0.0 64.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#76

1,3,5-Trimethylbenzene

Concen: 102.549 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039016.D

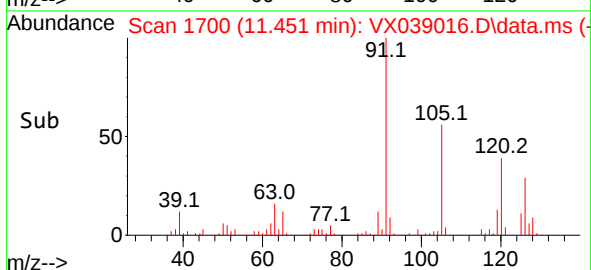
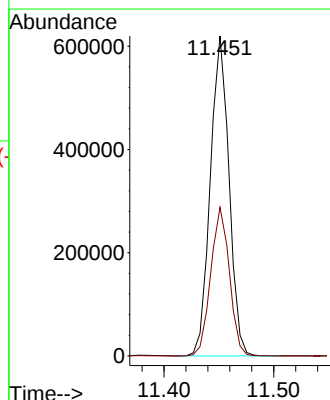
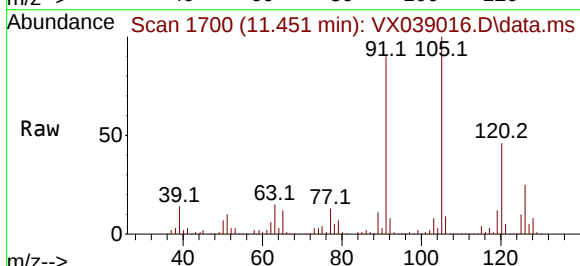
Acq: 24 Nov 2023 10:30

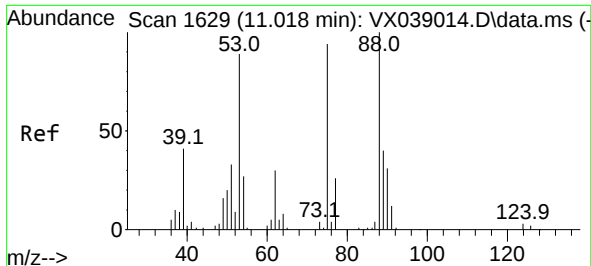
Tgt Ion:105 Resp: 733849

Ion Ratio Lower Upper

105 100

120 46.4 0.0 92.6





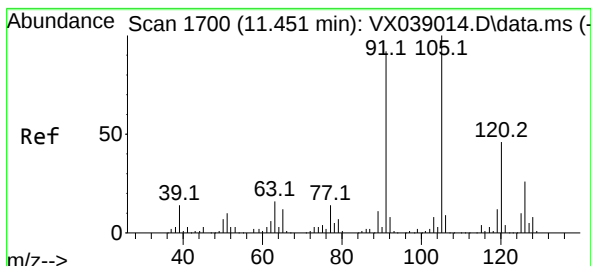
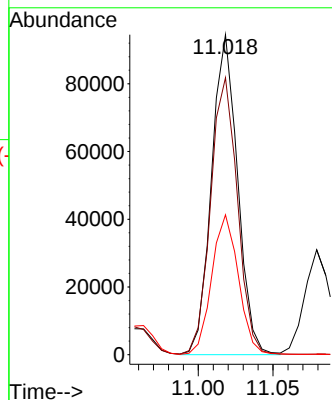
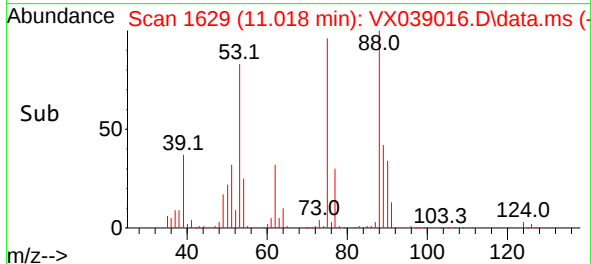
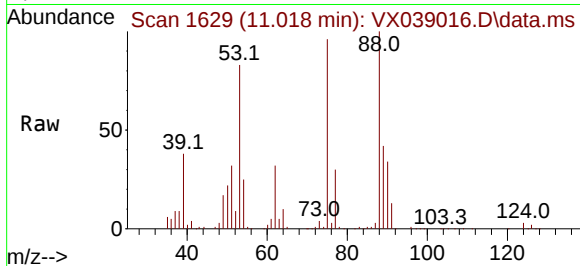
#77
t-1,4-Dichloro-2-butene
Concen: 110.338 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 11472
Ion Ratio Lower Upper
75 100
53 86.6 46.9 140.8
89 43.7 21.3 63.7

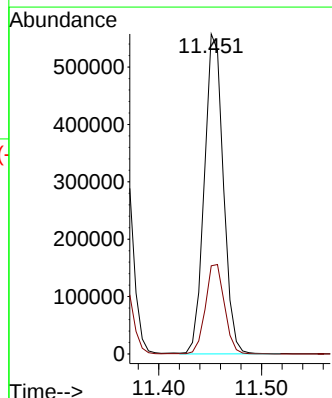
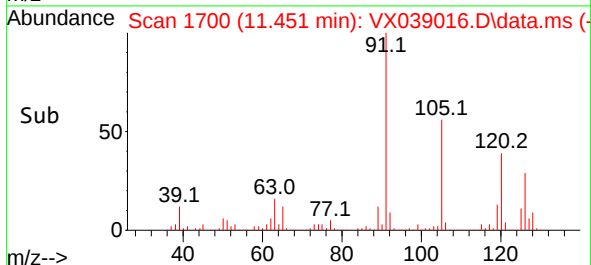
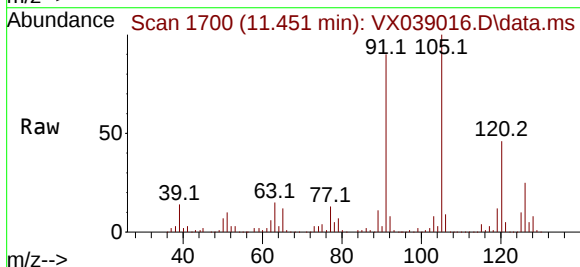
Manual Integrations
APPROVED

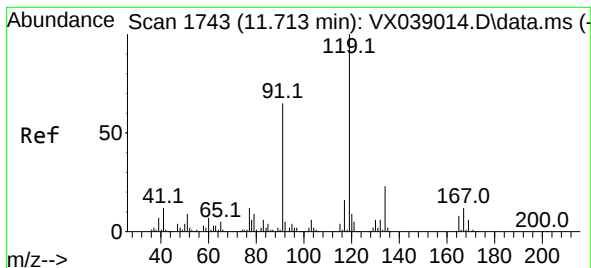
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 102.007 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 716083
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.4





#79

tert-butylbenzene

Concen: 102.146 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:119 Resp: 695060

Ion Ratio Lower Upper

119 100

91 62.3 0.0 125.6

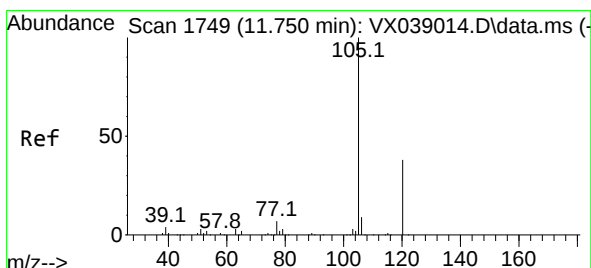
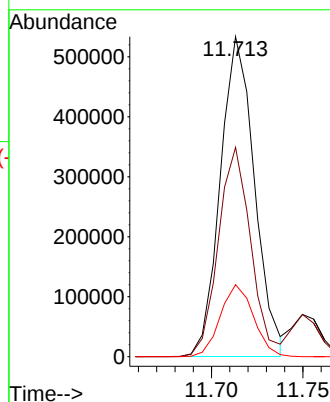
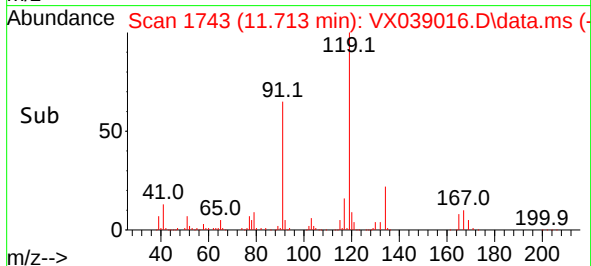
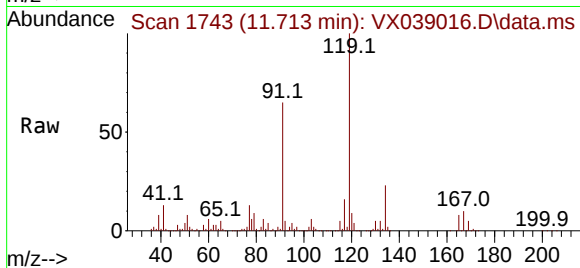
134 21.9 0.0 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#80

1,2,4-Trimethylbenzene

Concen: 103.514 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039016.D

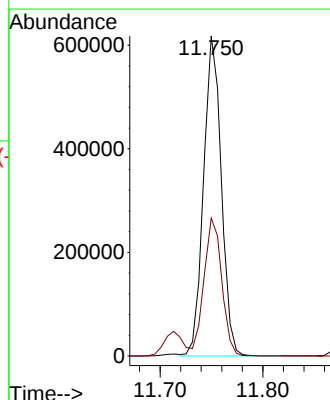
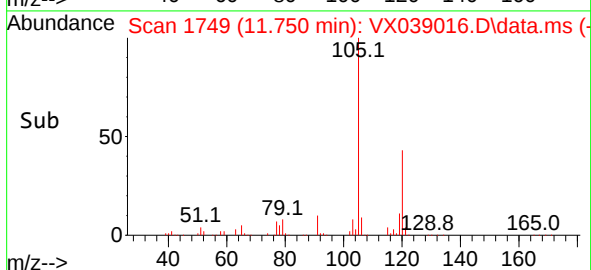
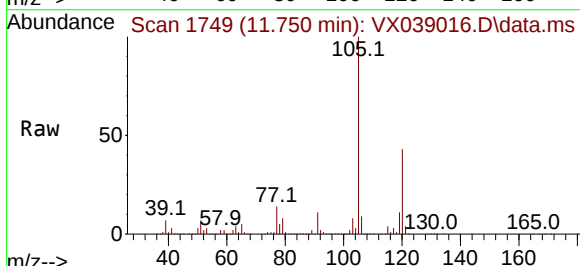
Acq: 24 Nov 2023 10:30

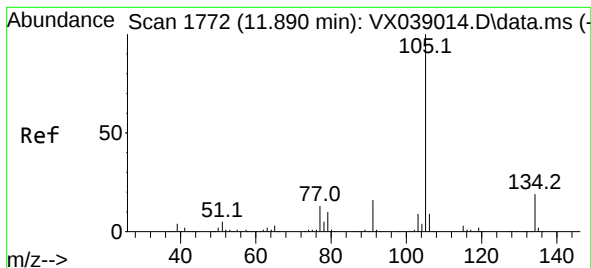
Tgt Ion:105 Resp: 741360

Ion Ratio Lower Upper

105 100

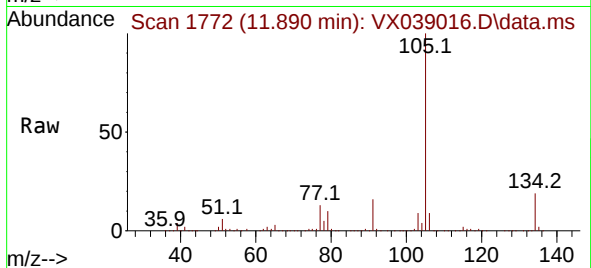
120 42.9 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 102.851 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039016.D
 Acq: 24 Nov 2023 10:30

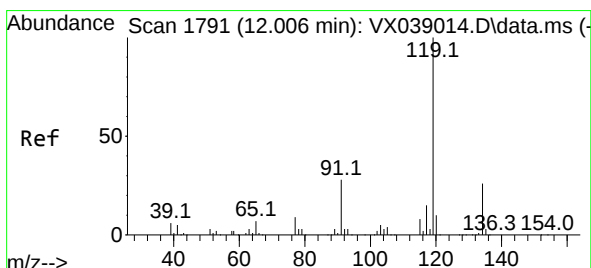
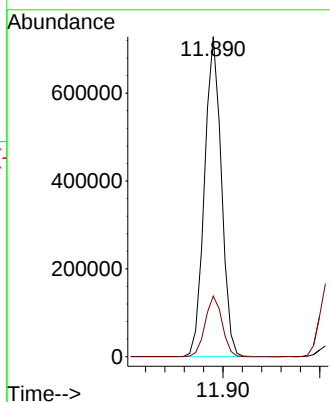
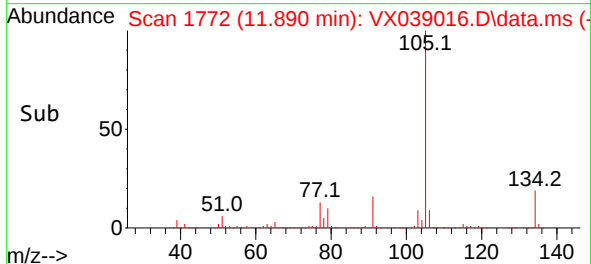
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



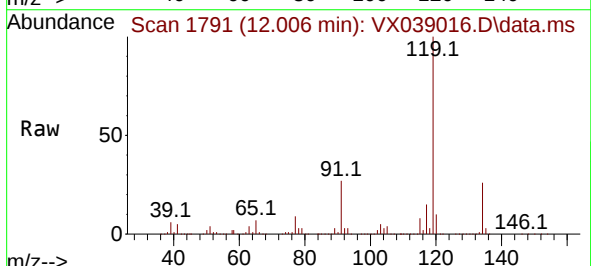
Tgt Ion:105 Resp: 884730
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4

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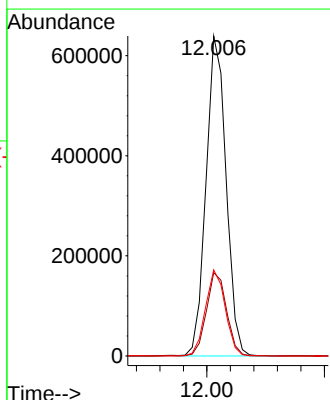
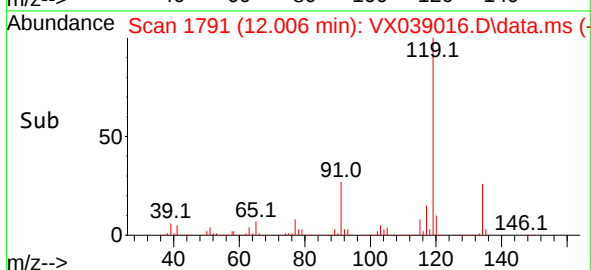
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

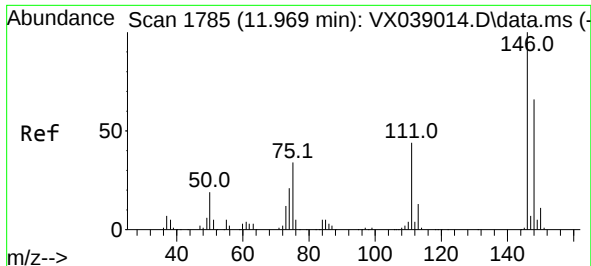


#82
 p-Isopropyltoluene
 Concen: 103.831 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039016.D
 Acq: 24 Nov 2023 10:30



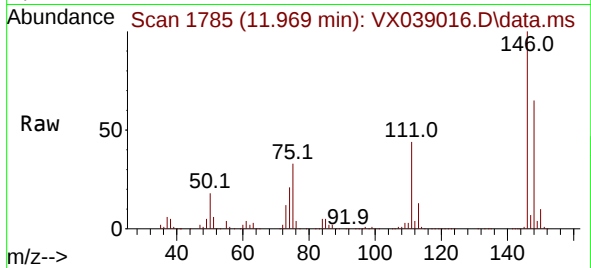
Tgt Ion:119 Resp: 756985
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 26.5 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 102.920 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

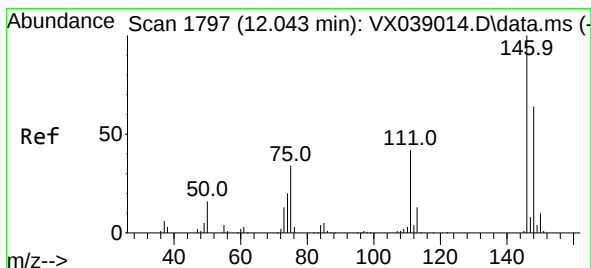
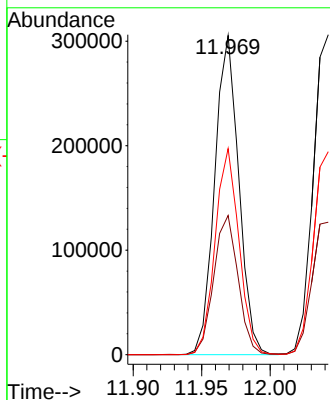
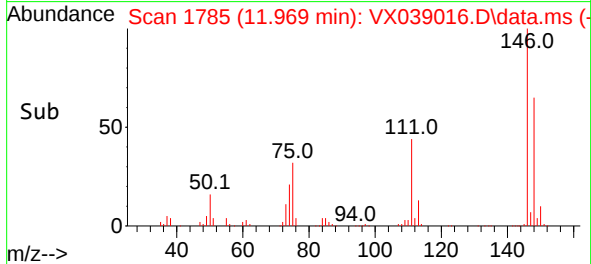
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



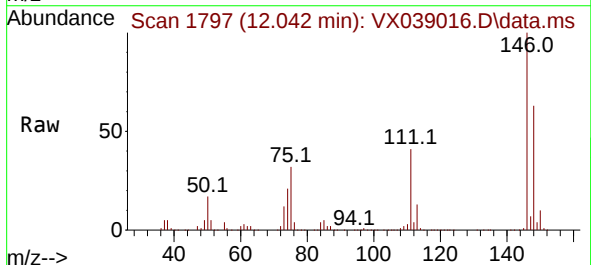
Tgt Ion:146 Resp: 372489
Ion Ratio Lower Upper
146 100
111 44.4 22.3 66.9
148 64.1 32.8 98.3

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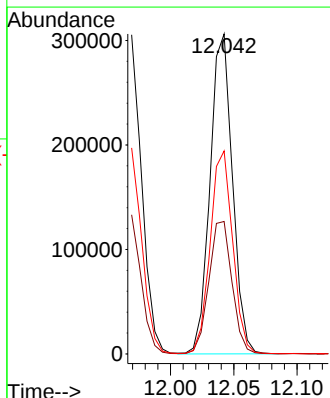
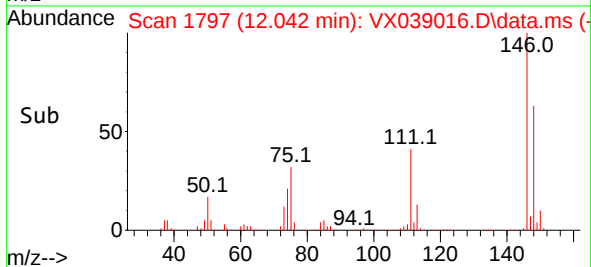
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

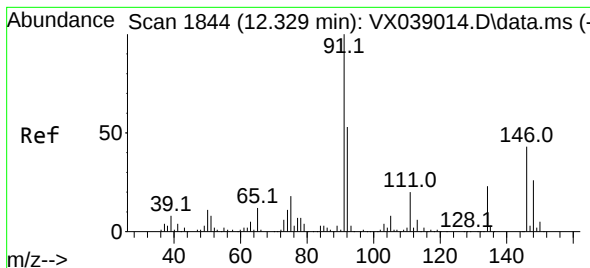


#84
1,4-Dichlorobenzene
Concen: 101.557 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



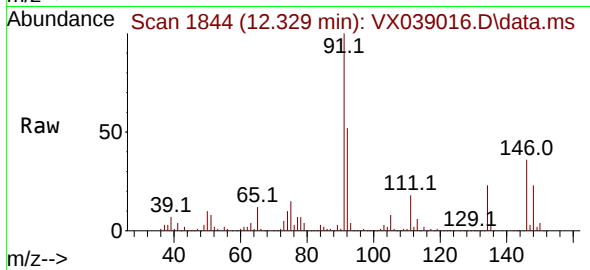
Tgt Ion:146 Resp: 377140
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 63.9 31.8 95.4





#85
n-Butylbenzene
Concen: 105.155 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

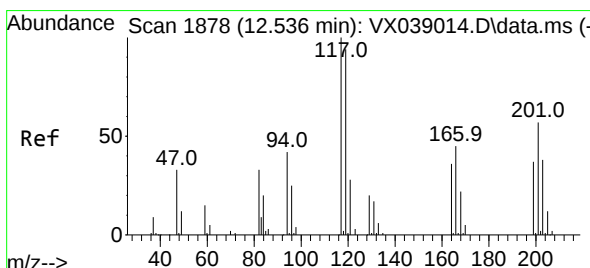
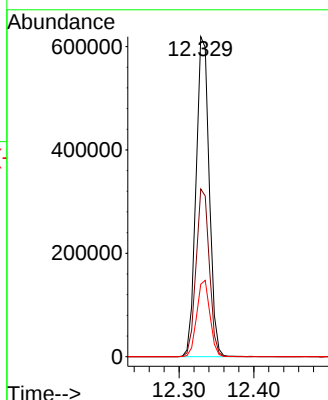
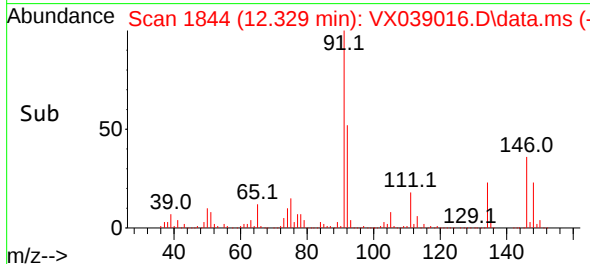
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 75702
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.2
134 23.8 0.0 48.8

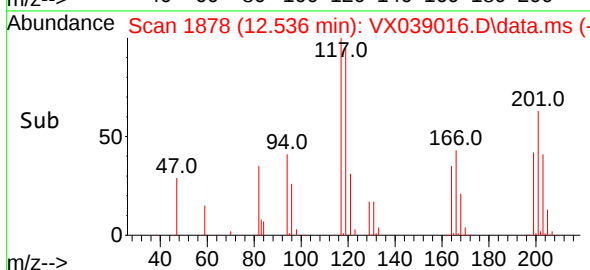
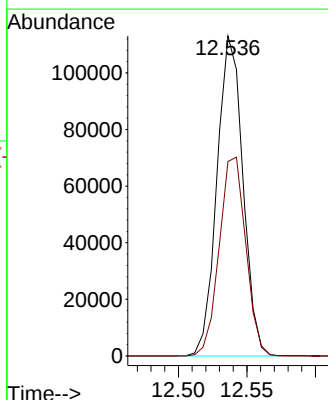
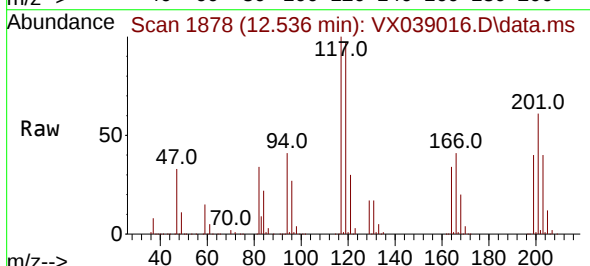
Manual Integrations
APPROVED

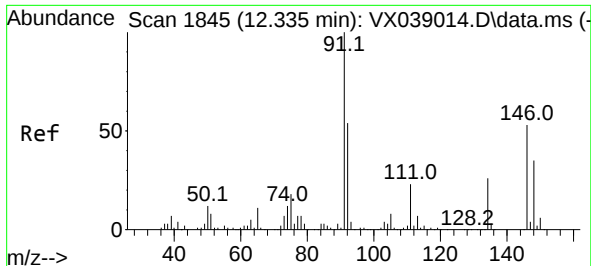
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 107.545 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

Tgt Ion:117 Resp: 148560
Ion Ratio Lower Upper
117 100
201 63.7 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 100.817 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 350869

Ion Ratio Lower Upper

146 100

111 45.9 22.4 67.2

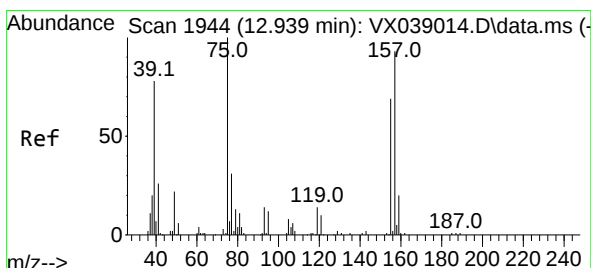
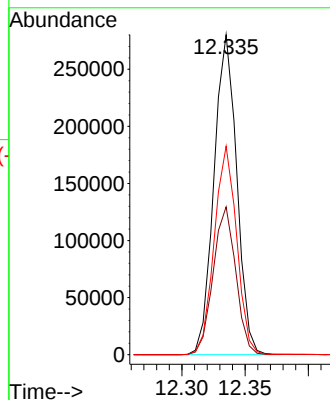
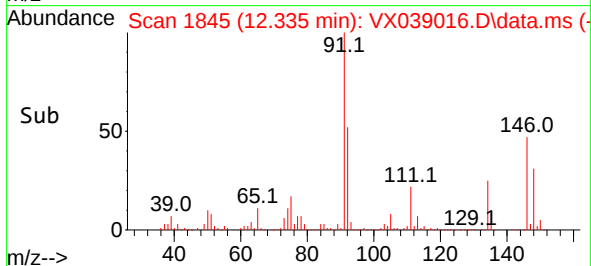
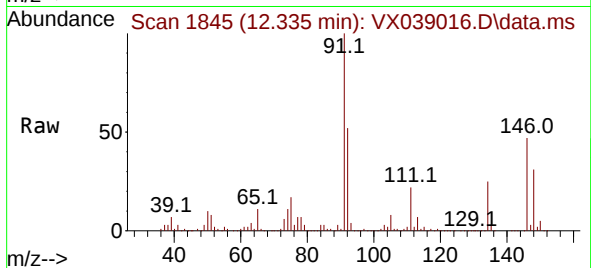
148 64.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 102.760 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

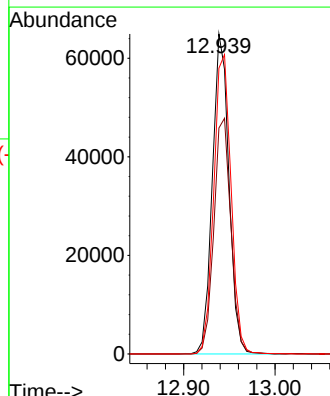
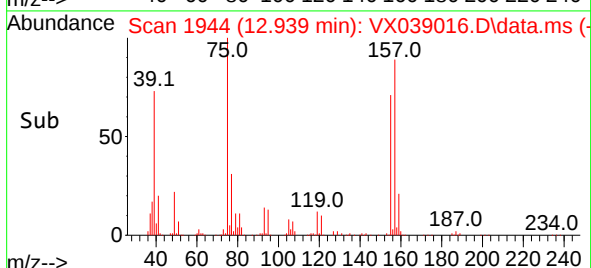
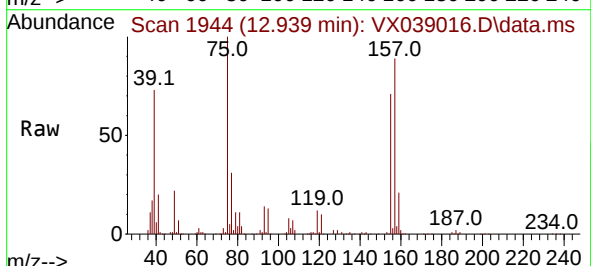
Tgt Ion: 75 Resp: 81495

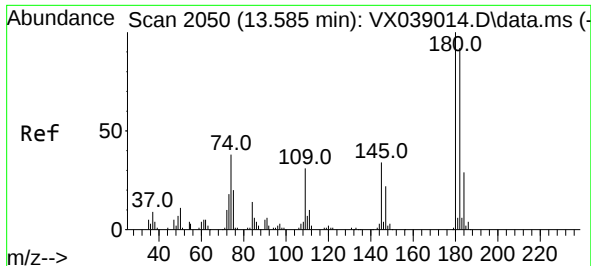
Ion Ratio Lower Upper

75 100

155 75.9 58.2 87.4

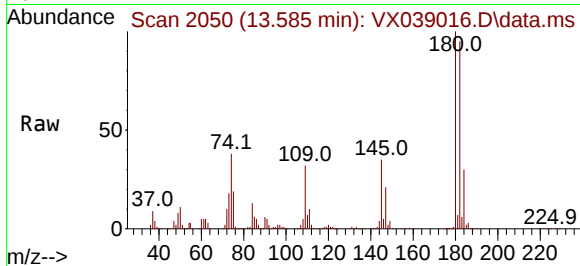
157 98.0 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 103.086 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

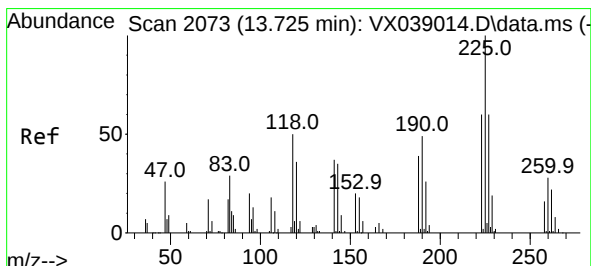
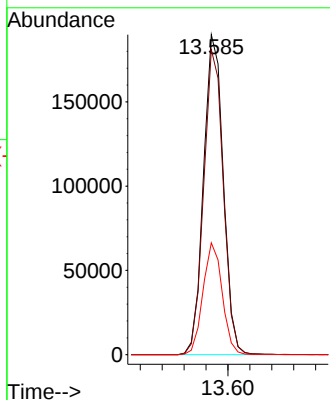
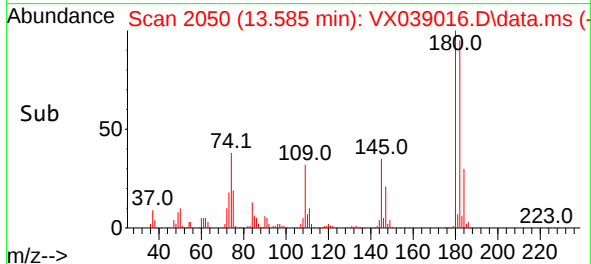
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 23786
Ion Ratio Lower Upper
180 100
182 94.4 74.5 111.7
145 34.0 26.6 40.0

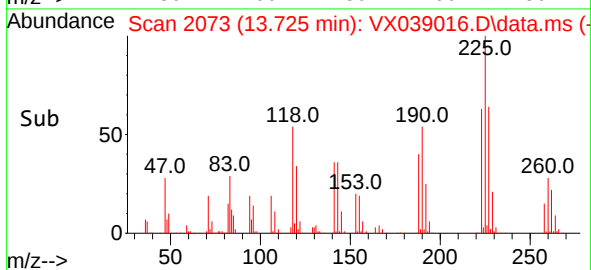
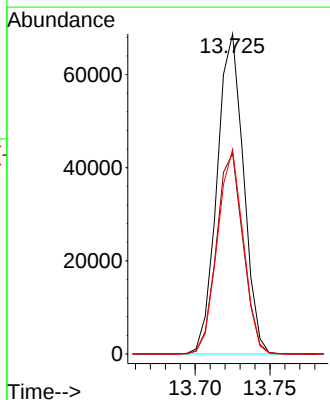
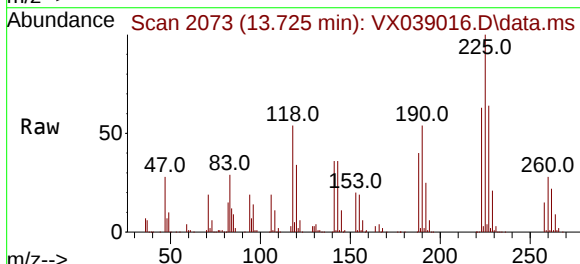
Manual Integrations
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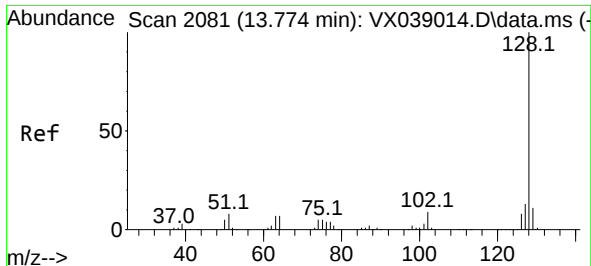
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#90
Hexachlorobutadiene
Concen: 102.874 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

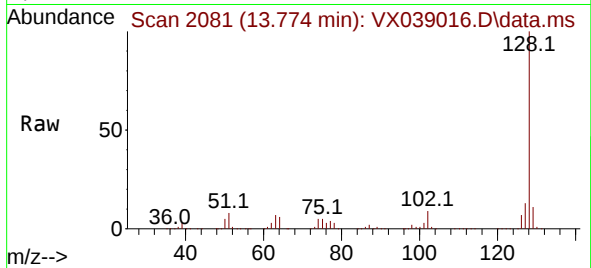
Tgt Ion:225 Resp: 84758
Ion Ratio Lower Upper
225 100
223 62.7 0.0 124.4
227 62.6 0.0 124.4





#91
Naphthalene
Concen: 102.450 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30

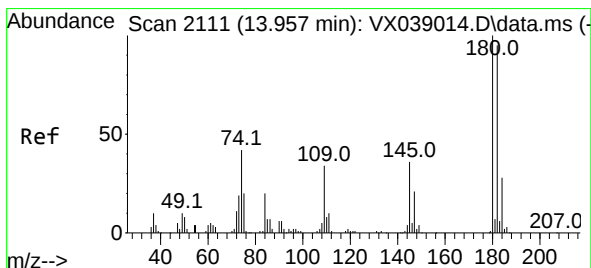
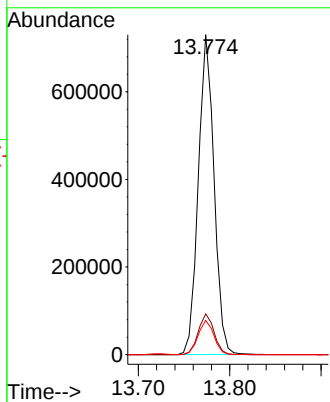
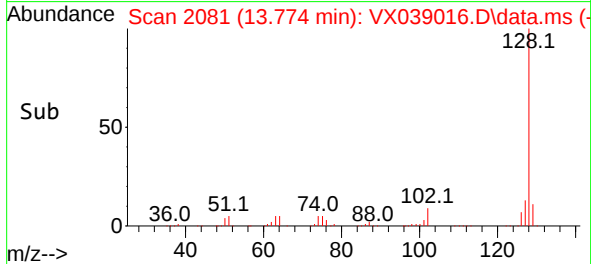
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



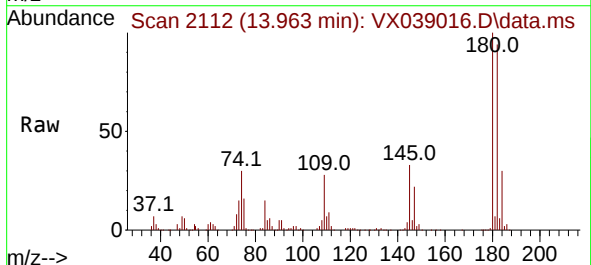
Tgt Ion:128 Resp: 871825
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8

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



#92
1,2,3-Trichlorobenzene
Concen: 103.748 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039016.D
Acq: 24 Nov 2023 10:30



Tgt Ion:180 Resp: 231877
Ion Ratio Lower Upper
180 100
182 94.2 0.0 191.6
145 35.6 0.0 69.6

