

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043023.D
 Acq On : 14 Aug 2024 11:43
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 14 14:00:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8851	5.310	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.620%#
35) Dibromofluoromethane	5.397	113	7533	5.213	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.420%#
50) Toluene-d8	8.647	98	27895	5.001	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.000%#
62) 4-Bromofluorobenzene	11.085	95	9669	4.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6220	4.850	ug/l	98
3) Chloromethane	1.300	50	9645	5.081	ug/l	94
4) Vinyl Chloride	1.374	62	9378	4.918	ug/l	96
5) Bromomethane	1.599	94	2854	4.940	ug/l	92
6) Chloroethane	1.666	64	3143	5.230	ug/l	90
7) Trichlorofluoromethane	1.867	101	10282	5.157	ug/l	93
8) Diethyl Ether	2.136	74	4754	5.154	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	7403	5.192	ug/l	97
10) Methyl Iodide	2.441	142	5477	3.799	ug/l	89
11) Tert butyl alcohol	3.007	59	9729m	22.574	ug/l	
12) 1,1-Dichloroethene	2.306	96	7659	5.006	ug/l	81
13) Acrolein	2.239	56	12001	27.604	ug/l	93
14) Allyl chloride	2.660	41	15811	5.514	ug/l	89
15) Acrylonitrile	3.075	53	26689	25.056	ug/l	98
16) Acetone	2.392	43	20162	24.389	ug/l #	86
17) Carbon Disulfide	2.501	76	22248	5.071	ug/l	97
18) Methyl Acetate	2.709	43	14275	5.225	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	25812	5.006	ug/l #	90
20) Methylene Chloride	2.788	84	10066	5.265	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	7888	4.943	ug/l	91
22) Diisopropyl ether	3.770	45	28693	4.900	ug/l	89
23) Vinyl Acetate	3.727	43	170088	24.915	ug/l	98
24) 1,1-Dichloroethane	3.611	63	15200	5.147	ug/l	98
25) 2-Butanone	4.574	43	35773	24.684	ug/l	98
26) 2,2-Dichloropropane	4.471	77	11623	4.940	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	9469	4.916	ug/l	93
28) Bromochloromethane	4.903	49	7583	5.676	ug/l	97
29) Tetrahydrofuran	5.019	42	24278	24.170	ug/l	97
30) Chloroform	5.099	83	14036	4.947	ug/l	98
31) Cyclohexane	5.464	56	13802	4.969	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	11898	5.024	ug/l	99
36) 1,1-Dichloropropene	5.696	75	9584	4.774	ug/l	95
37) Ethyl Acetate	4.733	43	13491	4.771	ug/l	97
38) Carbon Tetrachloride	5.678	117	10123	4.987	ug/l	99
39) Methylcyclohexane	7.379	83	13225	4.758	ug/l	90
40) Benzene	6.037	78	34041	4.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7209	4.837	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	9625	4.838	ug/l	91
43) Isopropyl Acetate	6.354	43	22511	4.934	ug/l	97
44) Trichloroethene	7.129	130	7427	4.796	ug/l	94
45) 1,2-Dichloropropane	7.434	63	8379	4.978	ug/l	97
46) Dibromomethane	7.586	93	5748	4.995	ug/l	96
47) Bromodichloromethane	7.824	83	10684	4.782	ug/l #	96
48) Methyl methacrylate	7.702	41	10268	5.089	ug/l	91
49) 1,4-Dioxane	7.690	88	4490m	108.616	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	72374	24.959	ug/l	98
52) Toluene	8.720	92	19857	4.807	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	11373	4.661	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	13065	4.868	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	8080	4.979	ug/l #	86
56) Ethyl methacrylate	9.122	69	13851	4.714	ug/l	92
57) 1,3-Dichloropropane	9.311	76	13753	5.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	35169	25.505	ug/l	99
59) 2-Hexanone	9.433	43	54129	24.292	ug/l	96
60) Dibromochloromethane	9.519	129	8080	4.722	ug/l	96
61) 1,2-Dibromoethane	9.610	107	8161	4.987	ug/l	96
64) Tetrachloroethene	9.275	164	6424	5.047	ug/l	98
65) Chlorobenzene	10.079	112	21185	4.979	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	7160	4.994	ug/l	95
67) Ethyl Benzene	10.195	91	36639	4.955	ug/l	97
68) m/p-Xylenes	10.299	106	28815	10.134	ug/l	91
69) o-Xylene	10.640	106	14184	4.966	ug/l	99
70) Styrene	10.659	104	23031	4.809	ug/l	97
71) Bromoform	10.799	173	5730	4.812	ug/l #	98
73) Isopropylbenzene	10.963	105	34288	5.150	ug/l	95
74) N-amyl acetate	10.848	43	18959	5.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	13206	5.153	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	9739m	3.818	ug/l	
77) Bromobenzene	11.201	156	8279	5.176	ug/l	96
78) n-propylbenzene	11.305	91	38210	5.036	ug/l	100
79) 2-Chlorotoluene	11.366	91	23675	5.013	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	27690	5.049	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	4252	4.637	ug/l #	82
82) 4-Chlorotoluene	11.457	91	26398	5.016	ug/l	95
83) tert-Butylbenzene	11.713	119	29436	5.186	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	27984	5.057	ug/l	96
85) sec-Butylbenzene	11.890	105	34044	4.941	ug/l	98
86) p-Isopropyltoluene	12.006	119	27766	4.932	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	14611	5.080	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	14483	4.922	ug/l	93
89) n-Butylbenzene	12.335	91	22326	4.581	ug/l	100
90) Hexachloroethane	12.536	117	5834	5.160	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	15105	5.209	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2324	4.635	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	7811	4.786	ug/l	94
94) Hexachlorobutadiene	13.725	225	2965	4.868	ug/l	97
95) Naphthalene	13.774	128	30771	4.774	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8390	5.026	ug/l	97

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Sample : VSTDICC005
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Aug 14 13:56:03 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

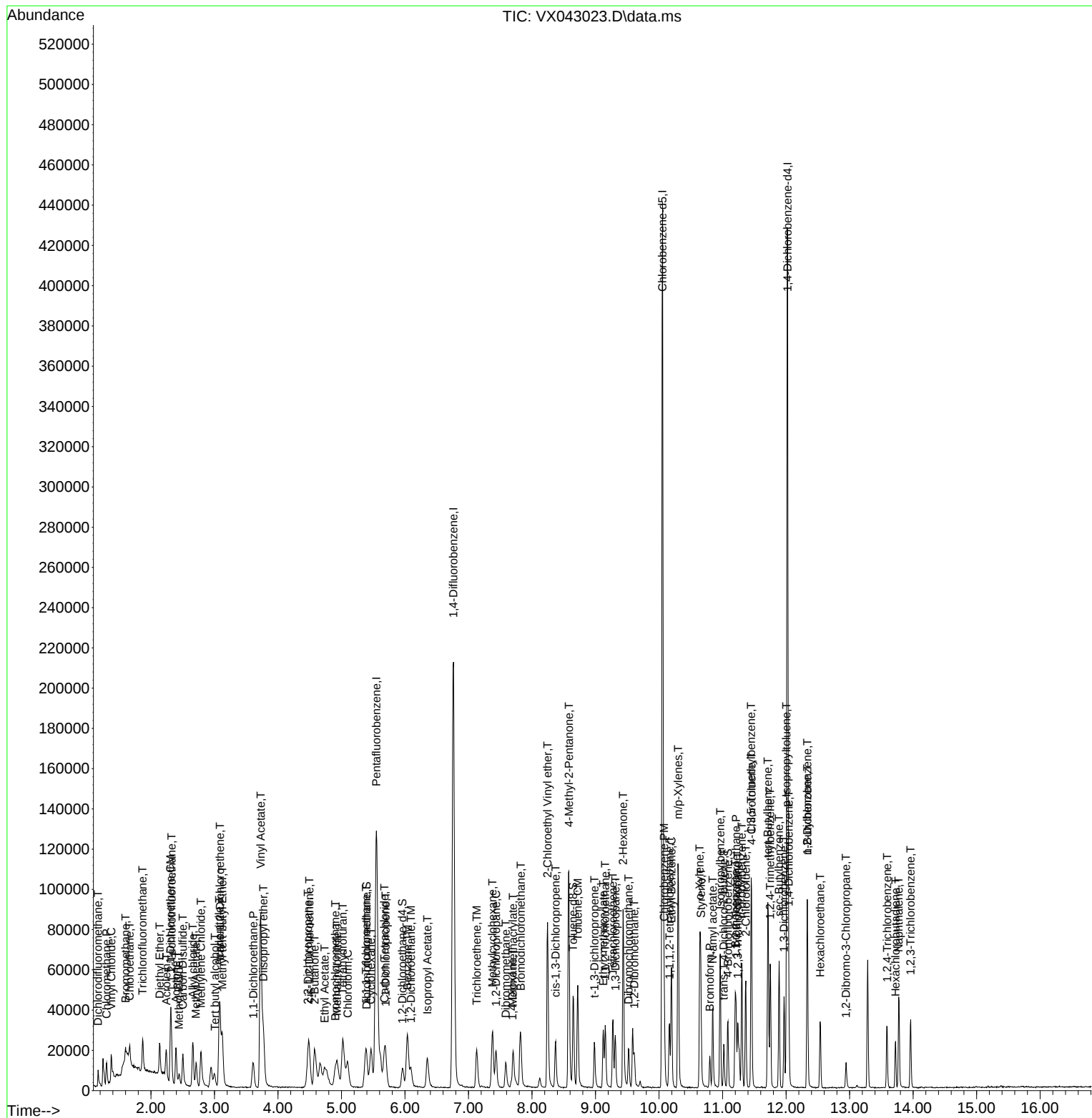
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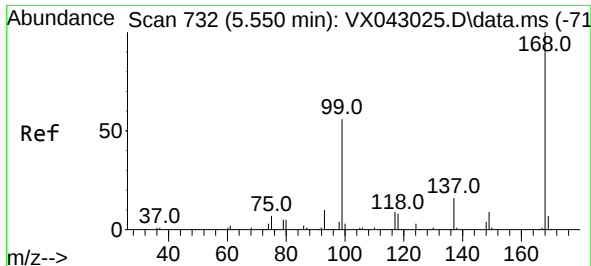
Instrument :
MSVOA_X
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Manual Integrations
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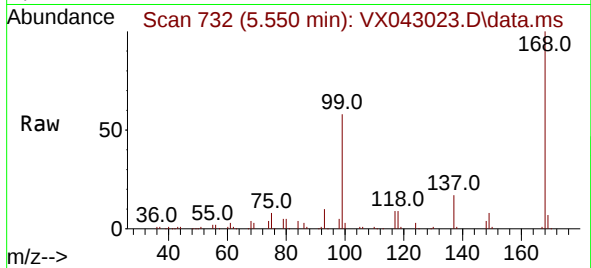
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043023.D
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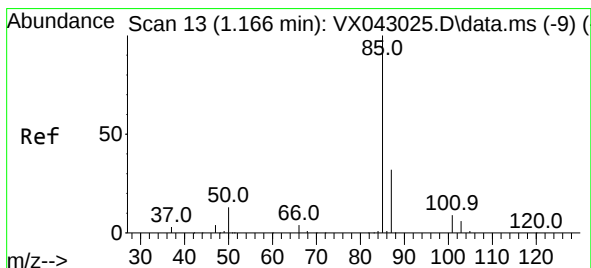
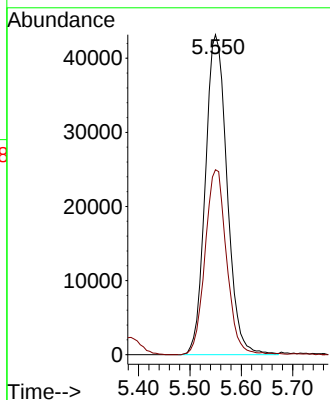
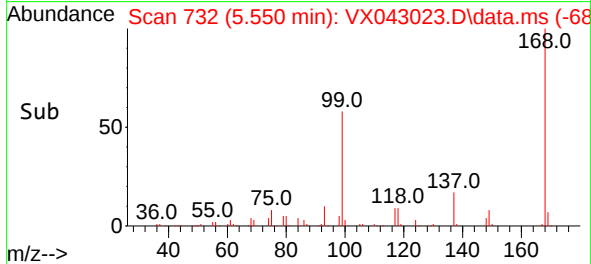
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 126848
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0

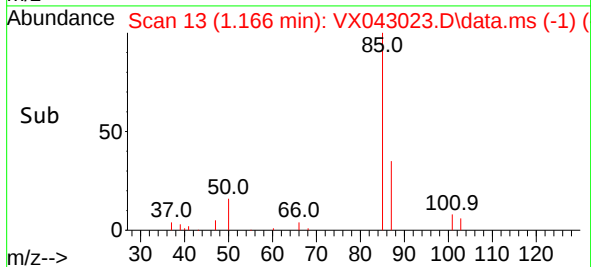
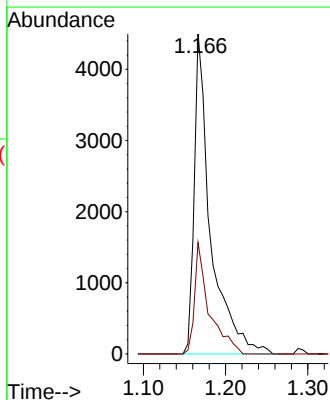
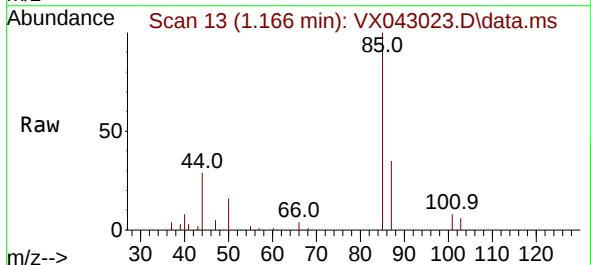
Manual Integrations
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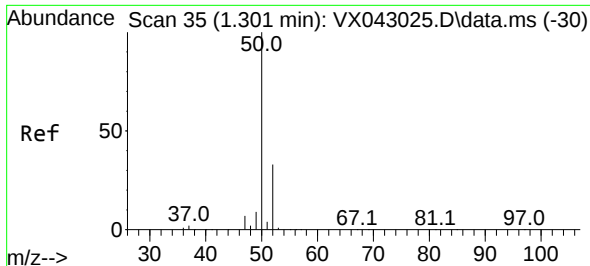
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#2
Dichlorodifluoromethane
Concen: 4.850 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 85 Resp: 6220
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.1





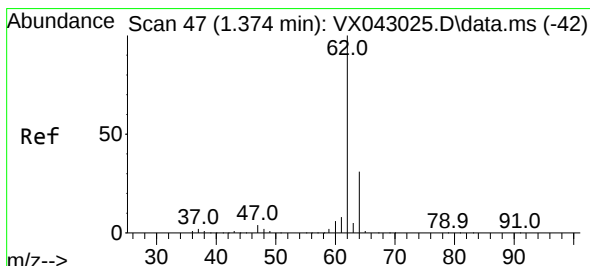
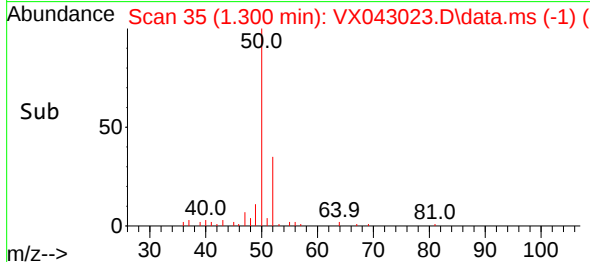
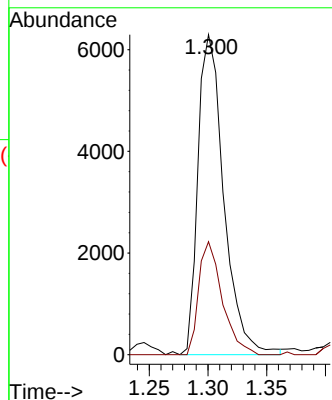
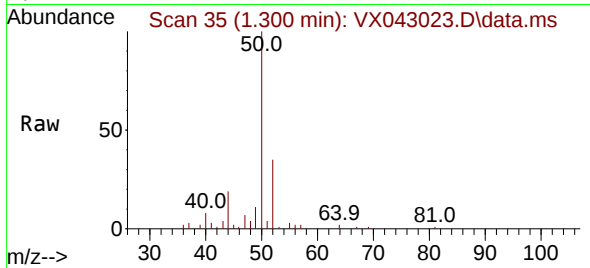
#3
Chloromethane
Concen: 5.081 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 964
Ion Ratio Lower Upper
50 100
52 35.3 25.5 38.3

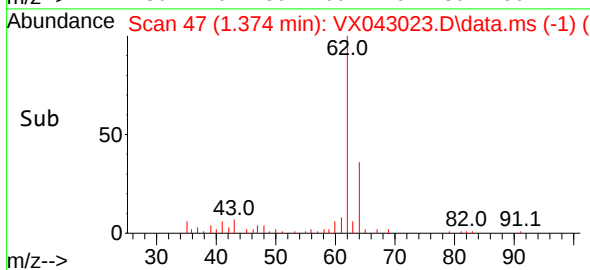
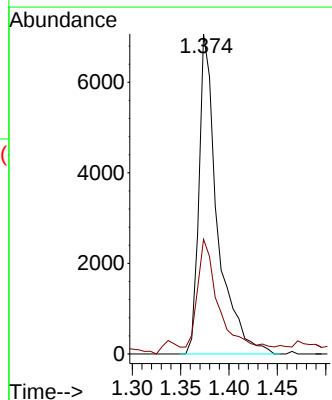
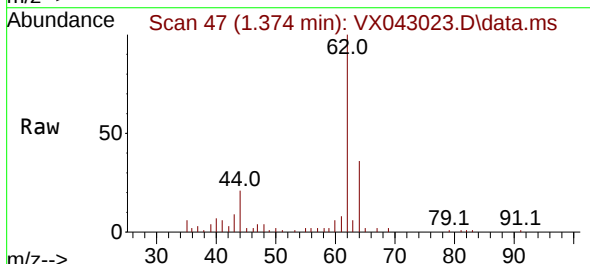
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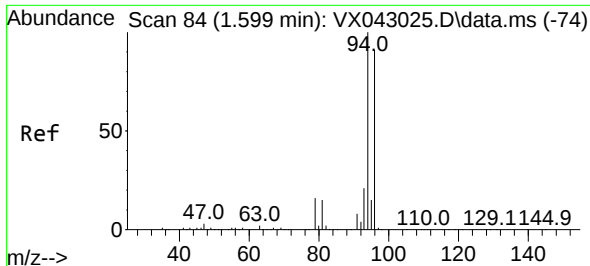
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#4
Vinyl Chloride
Concen: 4.918 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 62 Resp: 9378
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0





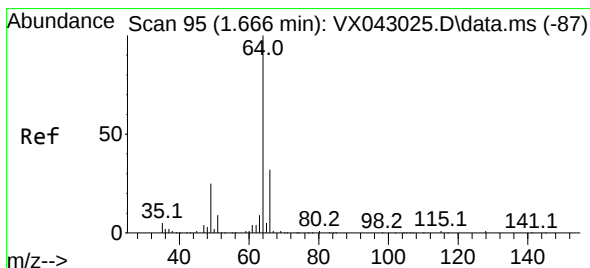
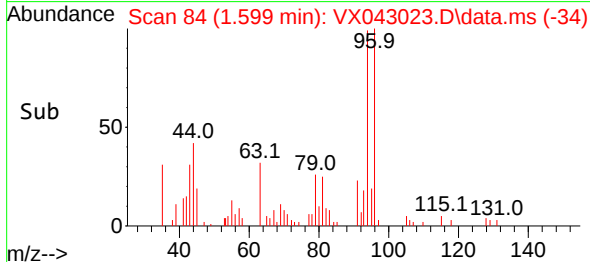
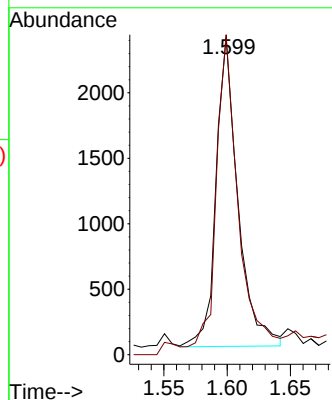
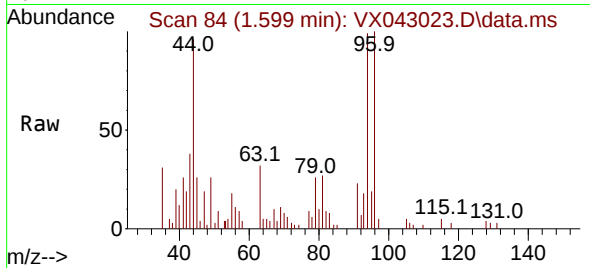
#5
Bromomethane
Concen: 4.940 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
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Client Sample Id :
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Tgt Ion: 94 Resp: 2854
Ion Ratio Lower Upper
94 100
96 101.2 74.6 111.8

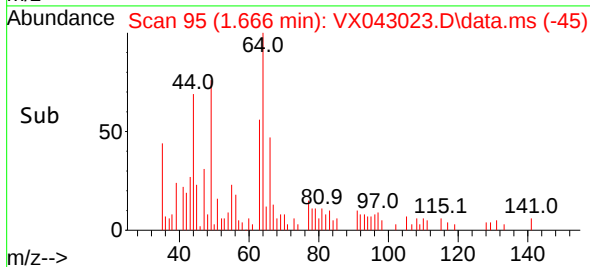
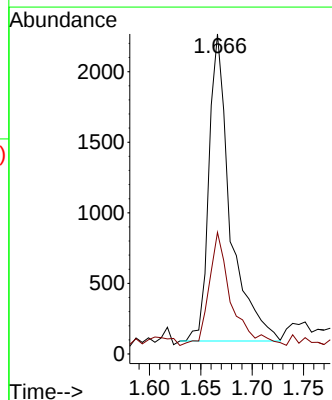
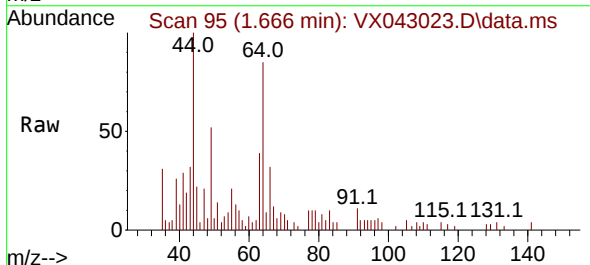
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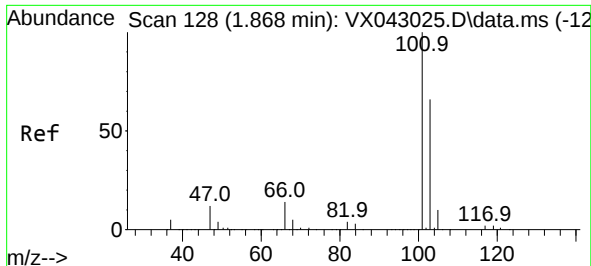
Reviewed By :John Carlone 08/15/2024
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#6
Chloroethane
Concen: 5.230 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 64 Resp: 3143
Ion Ratio Lower Upper
64 100
66 36.9 25.1 37.7





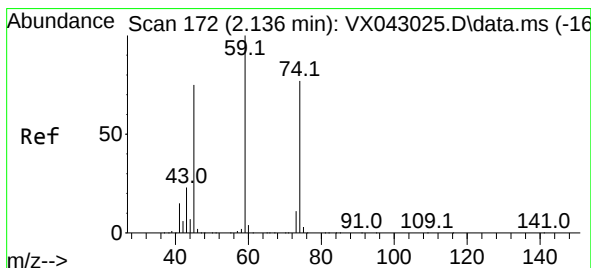
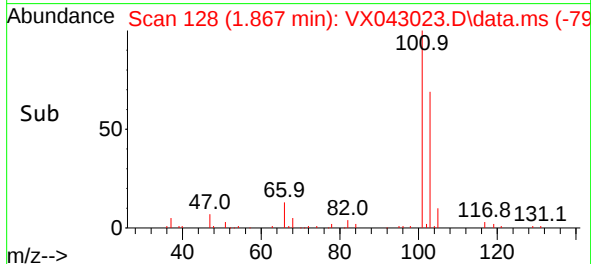
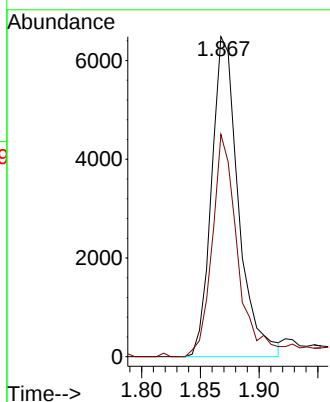
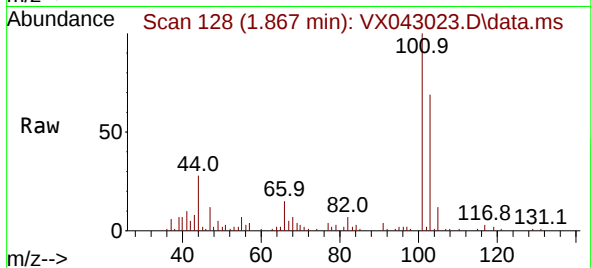
#7
Trichlorofluoromethane
Concen: 5.157 ug/l
RT: 1.867 min Scan# 1028
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion:101 Resp: 1028
Ion Ratio Lower Upper
101 100
103 69.4 51.4 77.2

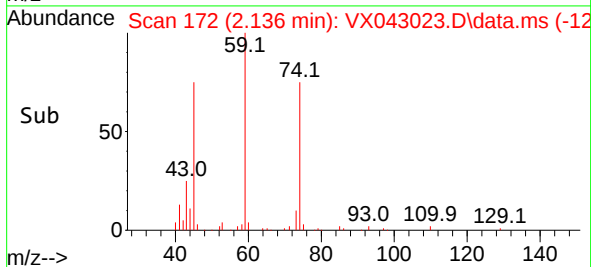
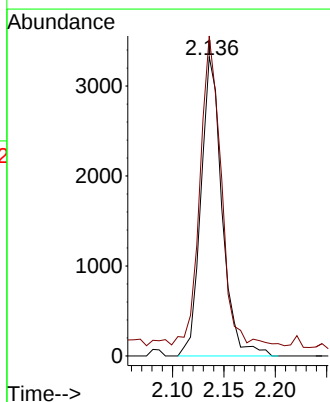
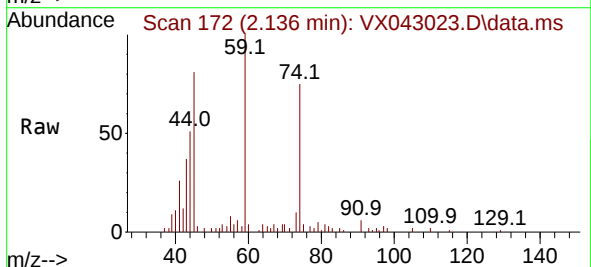
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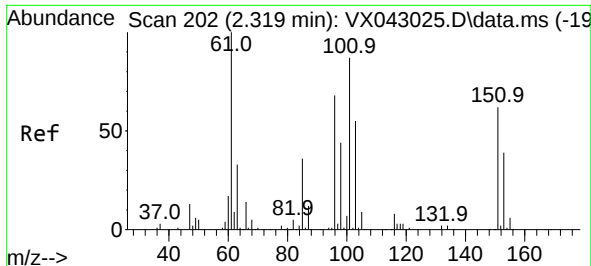
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#8
Diethyl Ether
Concen: 5.154 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 74 Resp: 4754
Ion Ratio Lower Upper
74 100
45 103.7 53.3 159.8





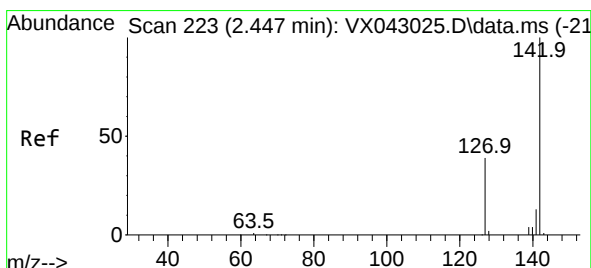
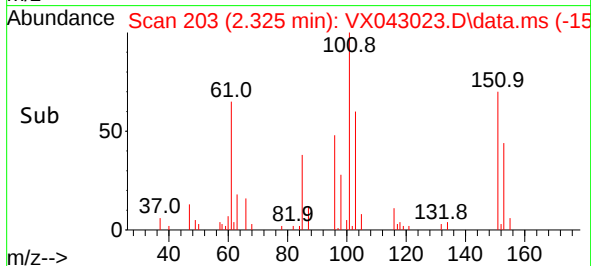
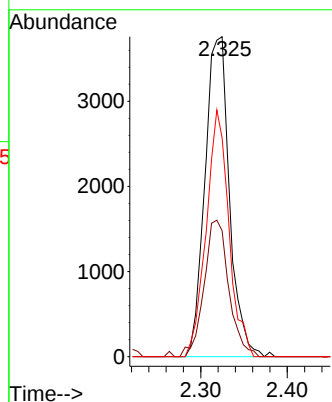
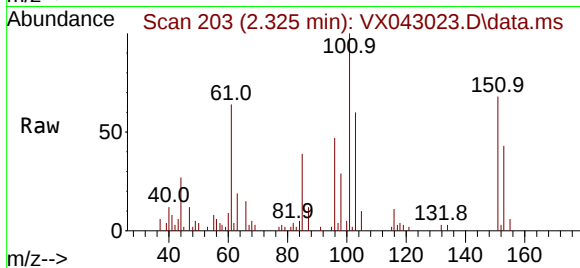
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.192 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 740
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 71.3 58.6 87.8

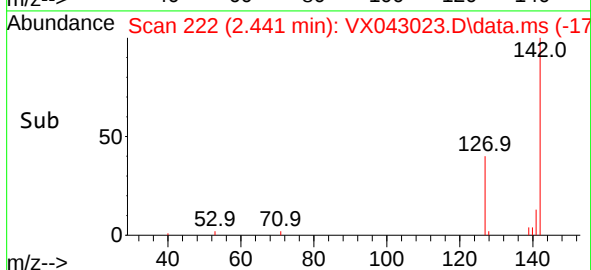
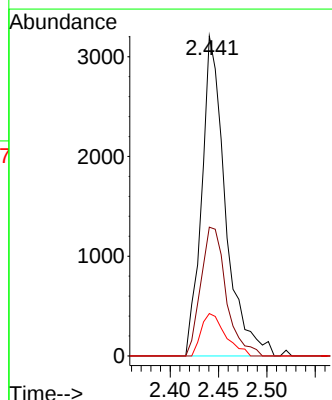
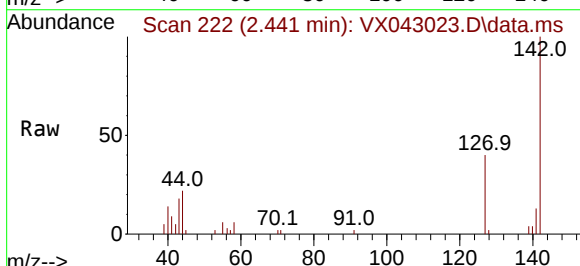
Manual Integrations
APPROVED

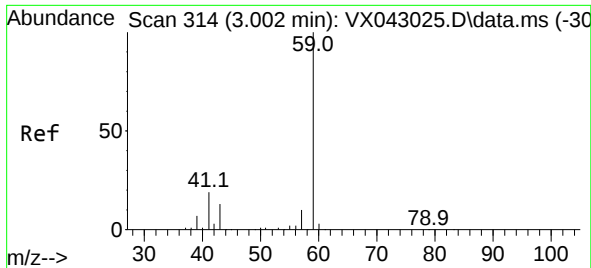
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 3.799 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

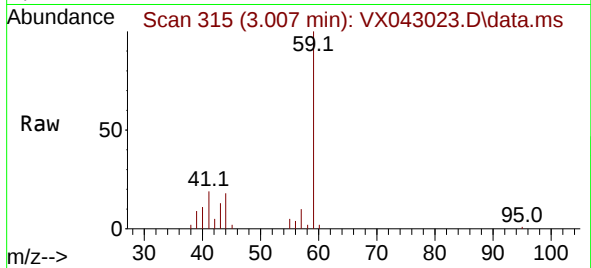
Tgt Ion:142 Resp: 5477
Ion Ratio Lower Upper
142 100
127 43.0 41.6 62.4
141 13.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 22.574 ug/l m
RT: 3.007 min Scan# 314
Delta R.T. 0.012 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

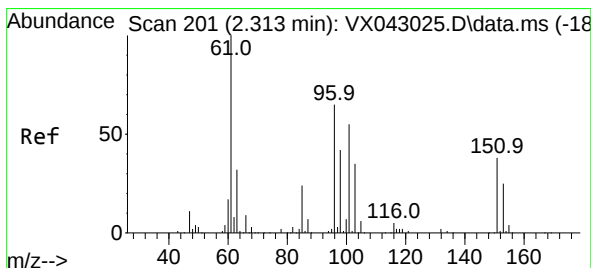
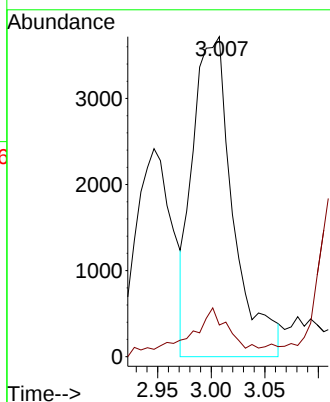
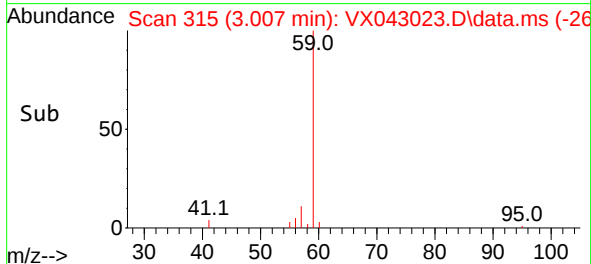
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



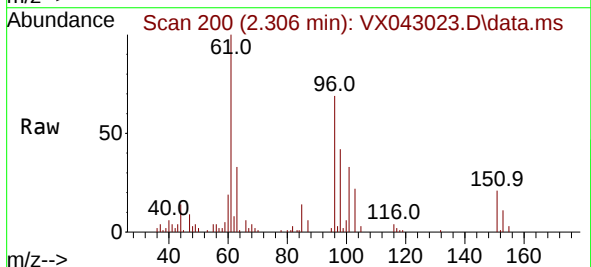
Tgt Ion: 59 Resp: 9729
Ion Ratio Lower Upper
59 100
57 16.4 6.0 9.0

Manual Integrations
APPROVED

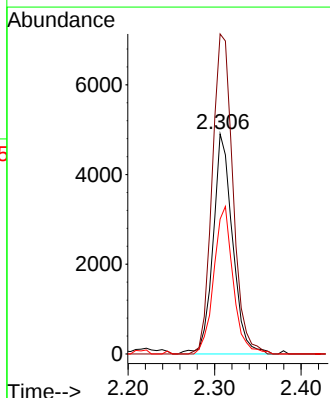
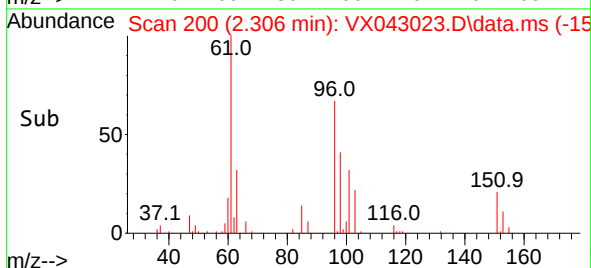
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

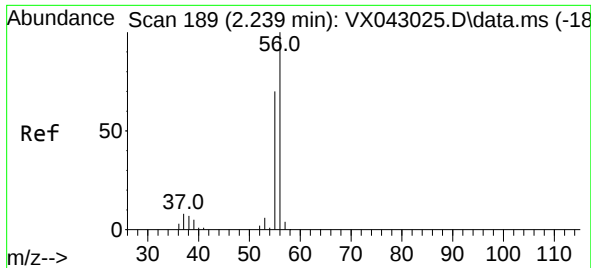


#12
1,1-Dichloroethene
Concen: 5.006 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



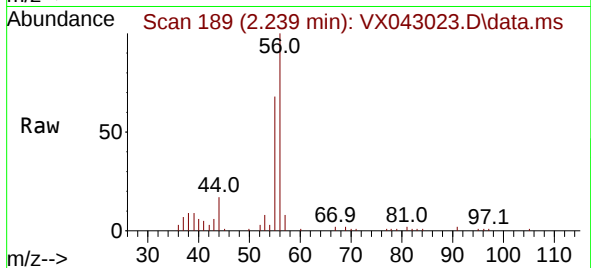
Tgt Ion: 96 Resp: 7659
Ion Ratio Lower Upper
96 100
61 145.5 144.6 216.8
98 61.4 50.4 75.6





#13
Acrolein
Concen: 27.604 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

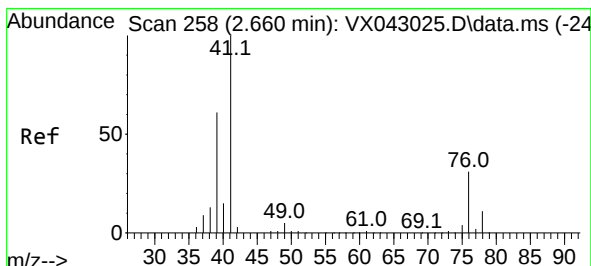
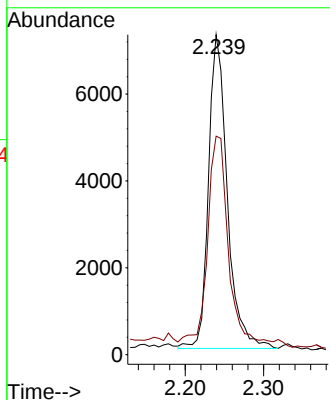
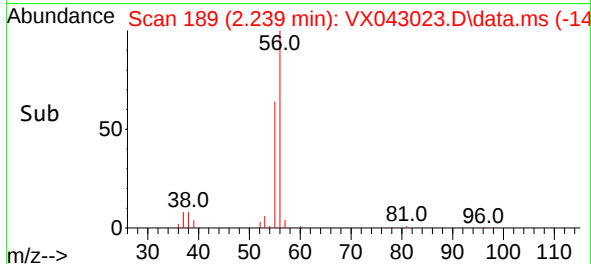
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



Tgt Ion: 56 Resp: 1200
Ion Ratio Lower Upper
56 100
55 77.5 57.1 85.7

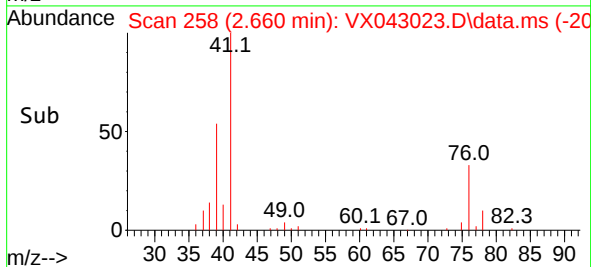
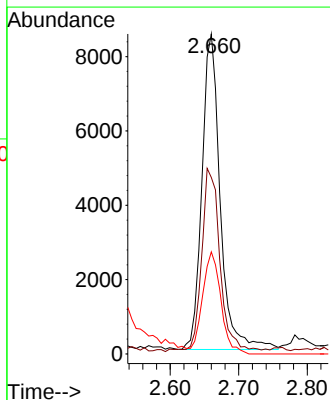
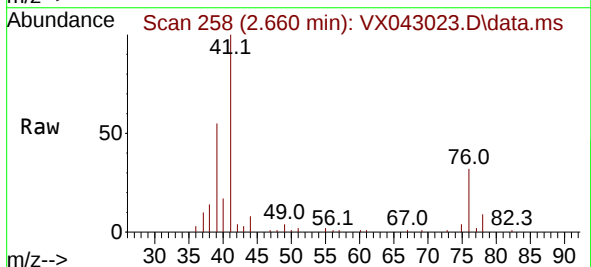
Manual Integrations
APPROVED

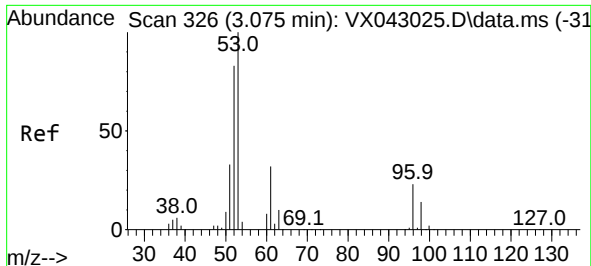
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 5.514 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

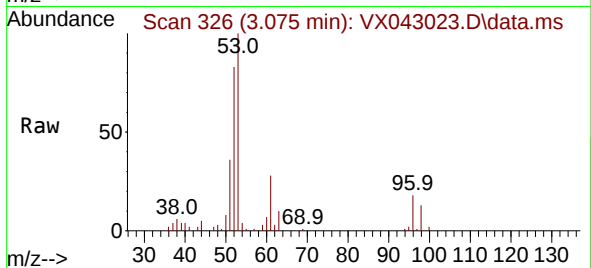
Tgt Ion: 41 Resp: 15811
Ion Ratio Lower Upper
41 100
39 58.1 55.8 83.6
76 32.6 24.3 36.5





#15
Acrylonitrile
Concen: 25.056 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

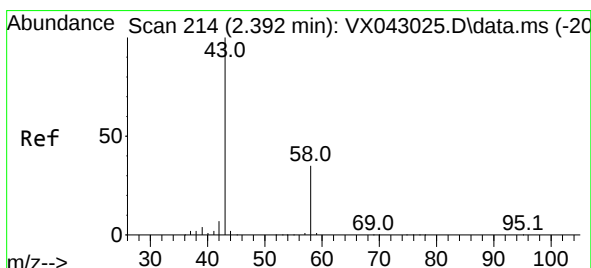
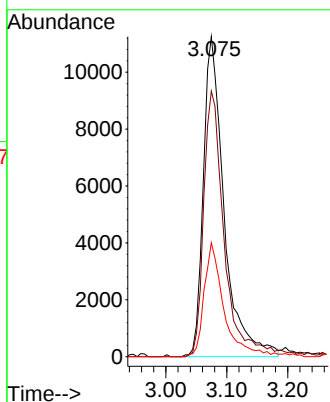
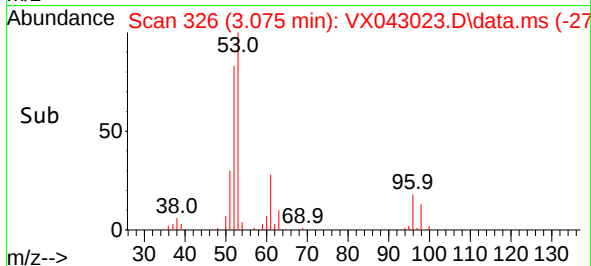
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 26689
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 34.0 29.8 44.6

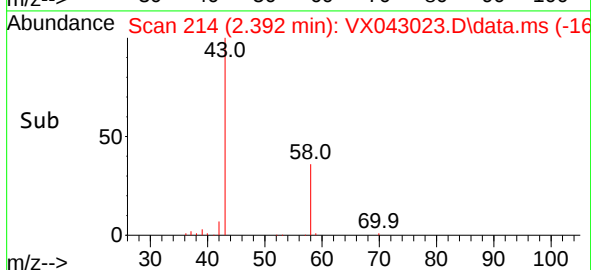
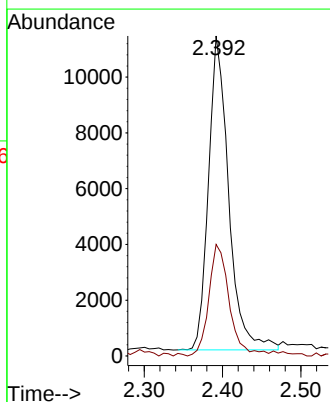
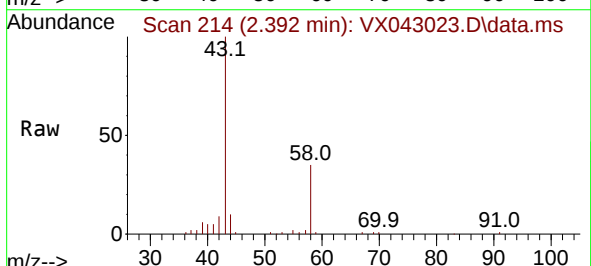
Manual Integrations
APPROVED

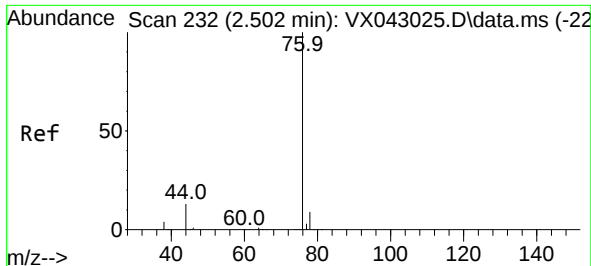
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#16
Acetone
Concen: 24.389 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

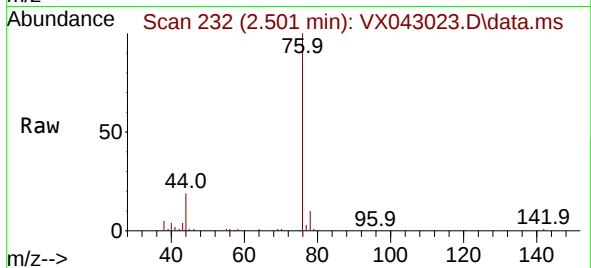
Tgt Ion: 43 Resp: 20162
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#





#17
Carbon Disulfide
Concen: 5.071 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

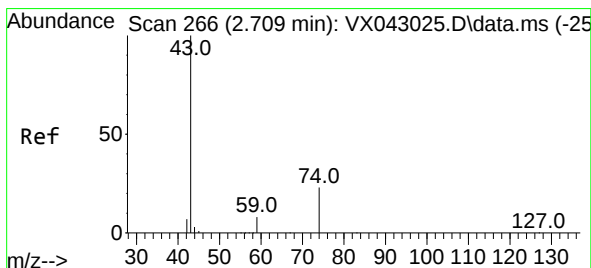
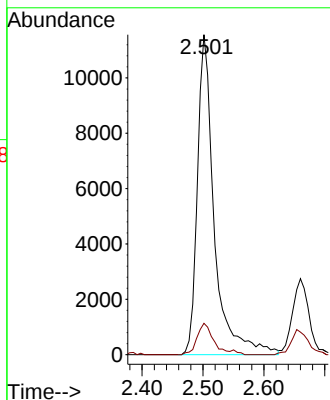
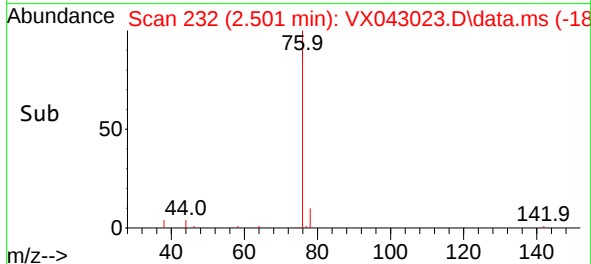
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 22248
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

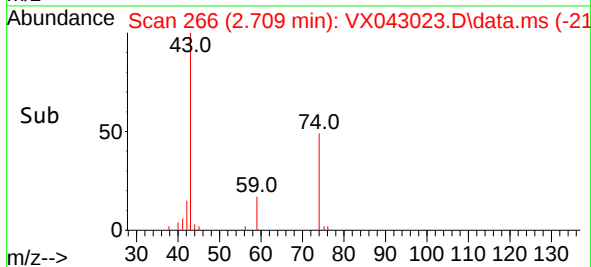
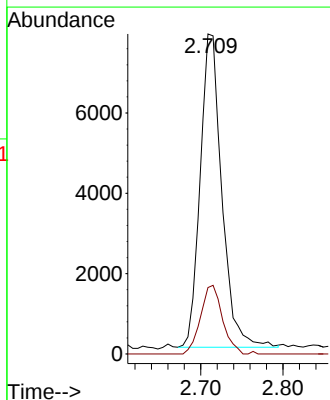
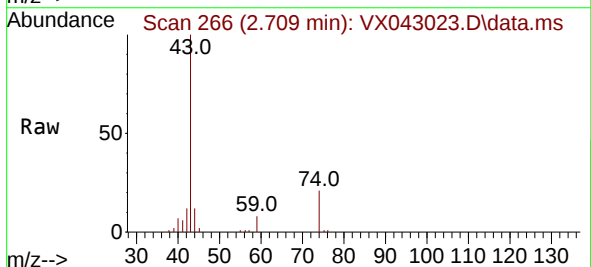
Manual Integrations
APPROVED

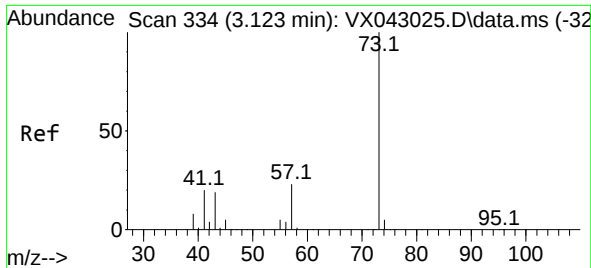
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#18
Methyl Acetate
Concen: 5.225 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 43 Resp: 14275
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





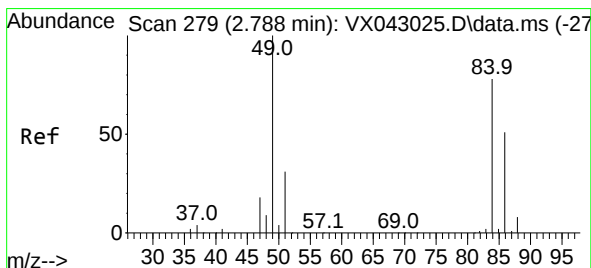
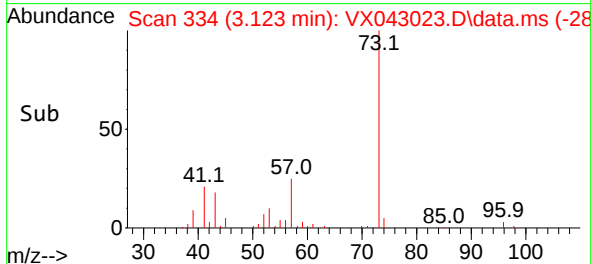
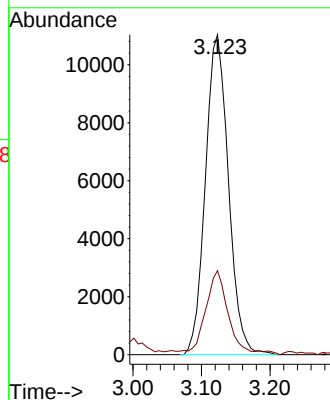
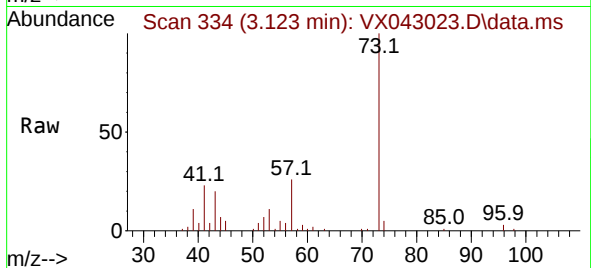
#19
Methyl tert-butyl Ether
Concen: 5.006 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2581
Ion Ratio Lower Upper
73 100
57 26.3 17.3 25.9

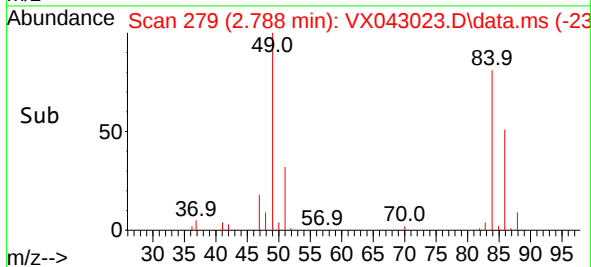
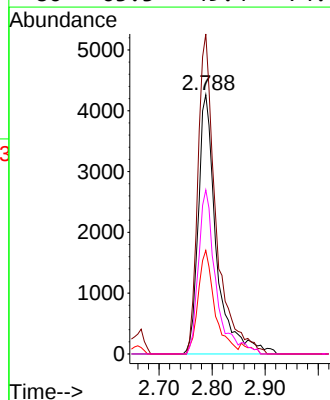
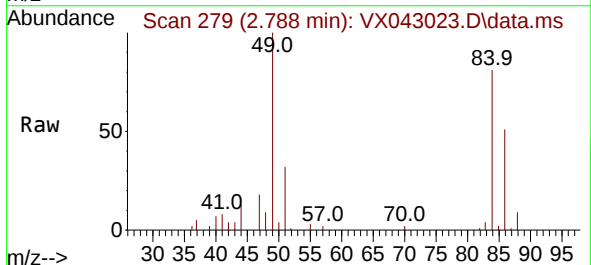
Manual Integrations
APPROVED

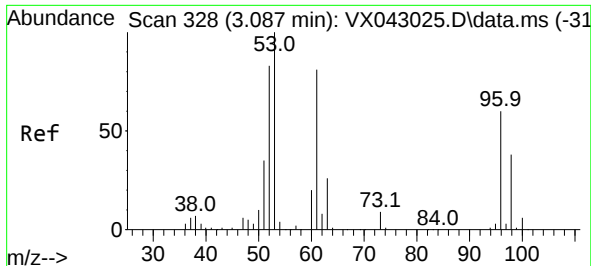
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#20
Methylene Chloride
Concen: 5.265 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

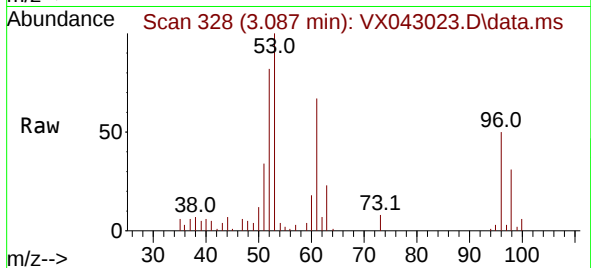
Tgt Ion: 84 Resp: 10066
Ion Ratio Lower Upper
84 100
49 123.4 103.6 155.4
51 39.9 33.8 50.6
86 63.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.943 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

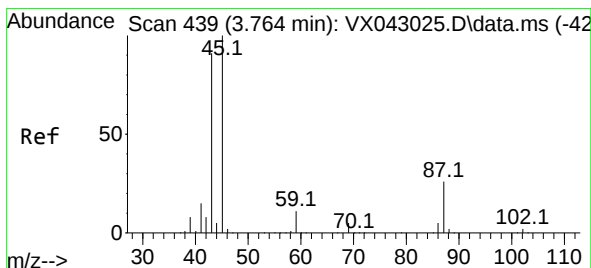
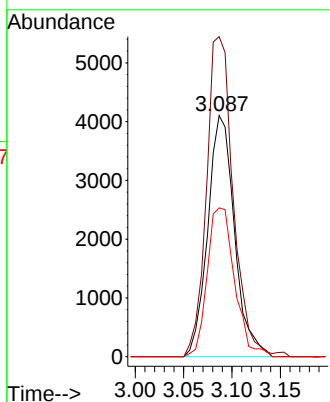
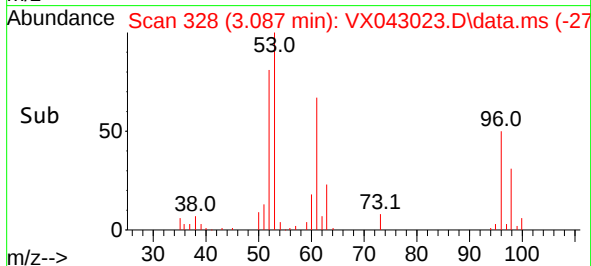
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



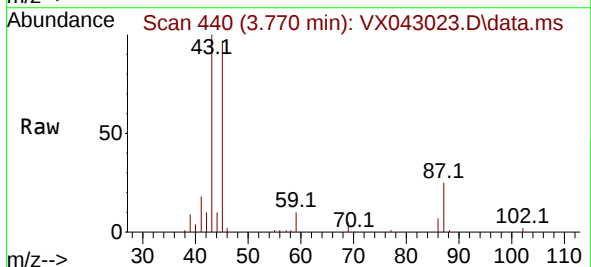
Tgt Ion: 96 Resp: 788
Ion Ratio Lower Upper
96 100
61 132.7 119.2 178.8
98 61.7 48.7 73.1

Manual Integrations
APPROVED

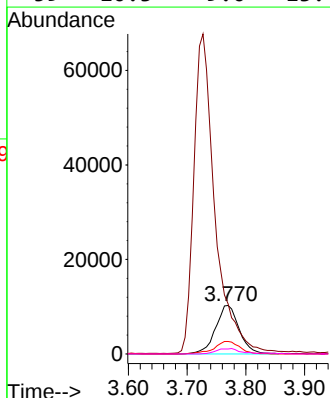
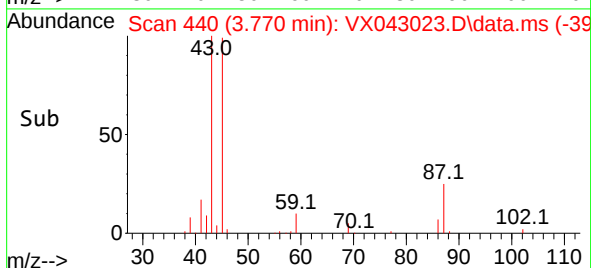
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

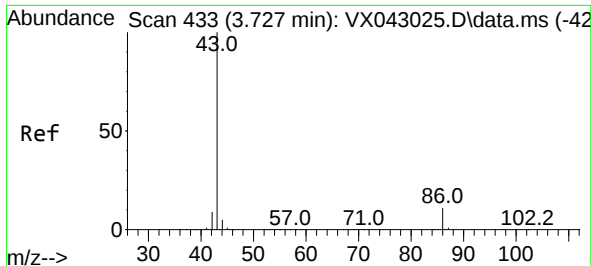


#22
Diisopropyl ether
Concen: 4.900 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



Tgt Ion: 45 Resp: 28693
Ion Ratio Lower Upper
45 100
43 101.2 69.7 104.5
87 25.8 20.8 31.2
59 10.3 9.0 13.4





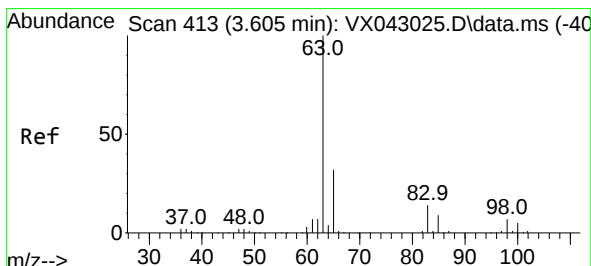
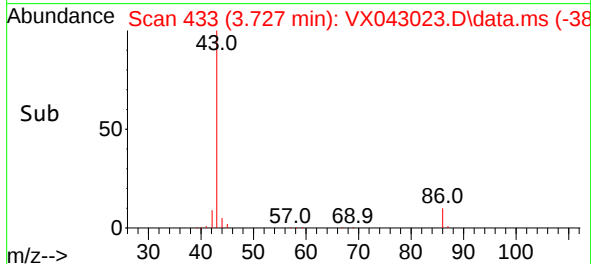
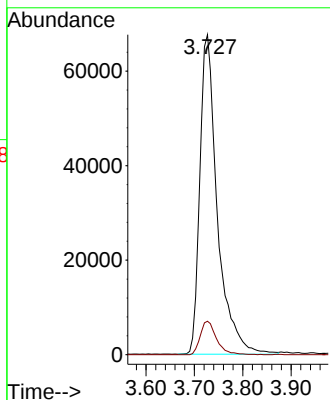
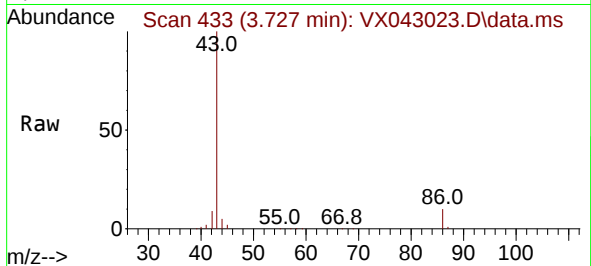
#23
 Vinyl Acetate
 Concen: 24.915 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 17008
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

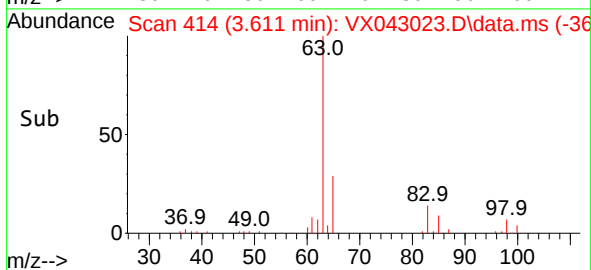
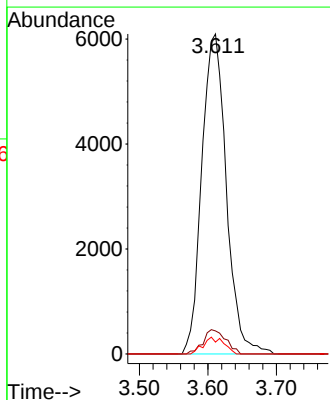
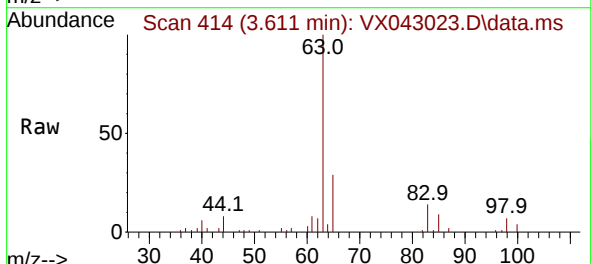
Manual Integrations
 APPROVED

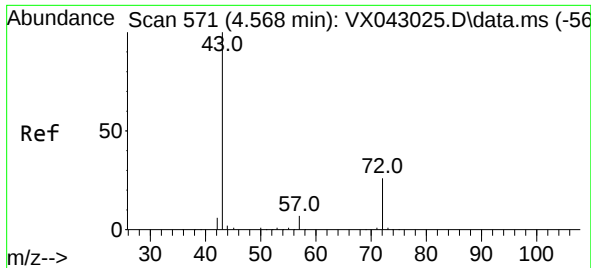
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#24
 1,1-Dichloroethane
 Concen: 5.147 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

Tgt Ion: 63 Resp: 15200
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 3.7 2.1 6.5





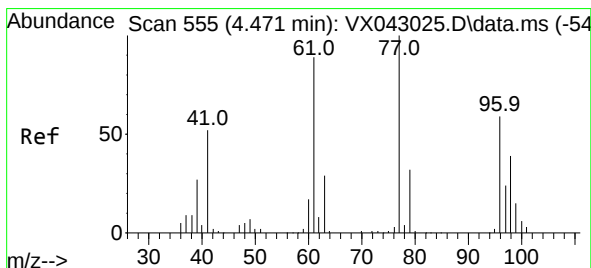
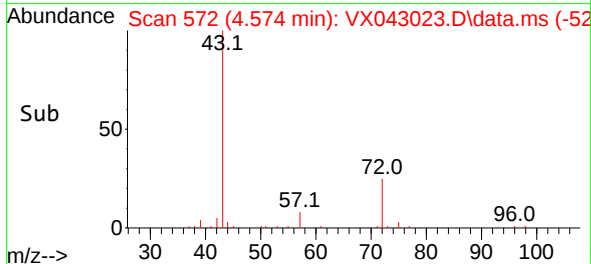
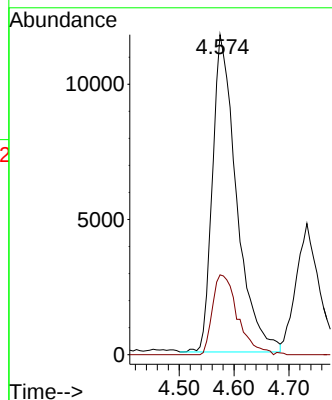
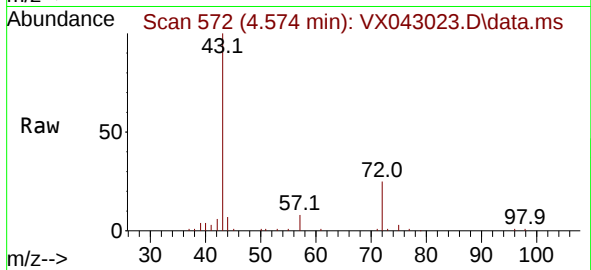
#25
2-Butanone
Concen: 24.684 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3577
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

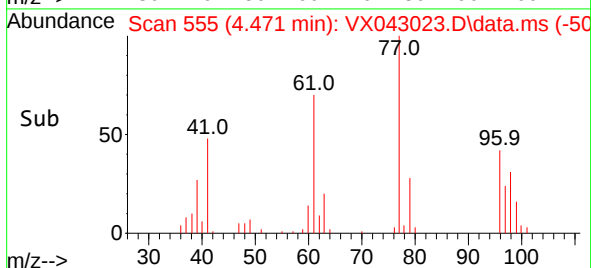
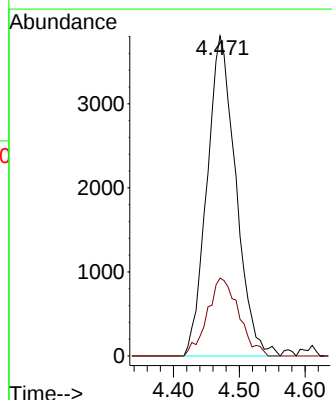
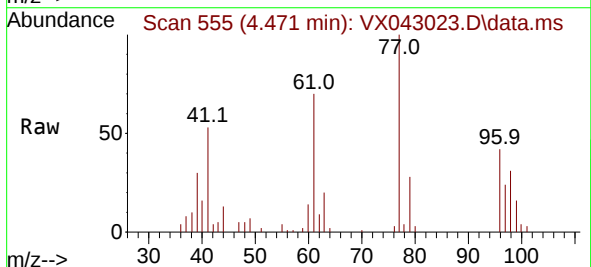
Manual Integrations
APPROVED

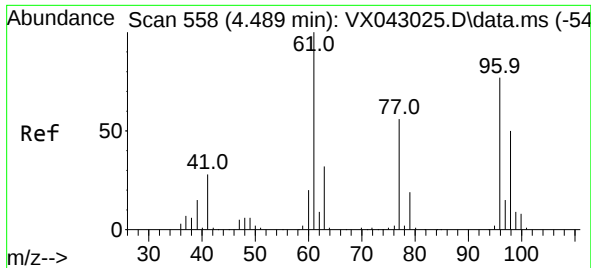
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 4.940 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

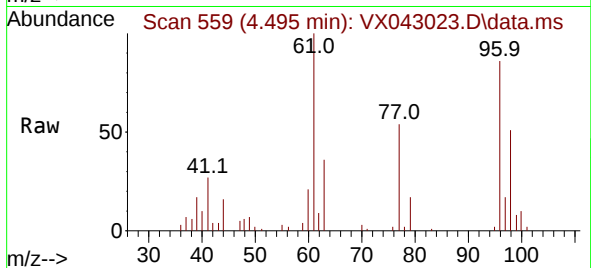
Tgt Ion: 77 Resp: 11623
Ion Ratio Lower Upper
77 100
97 26.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 4.916 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

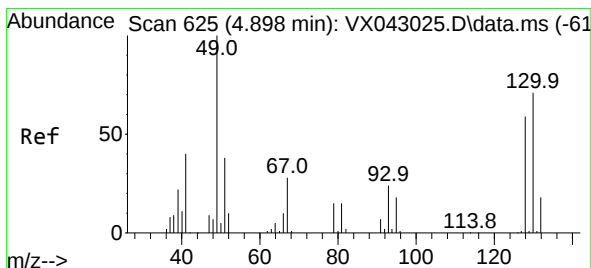
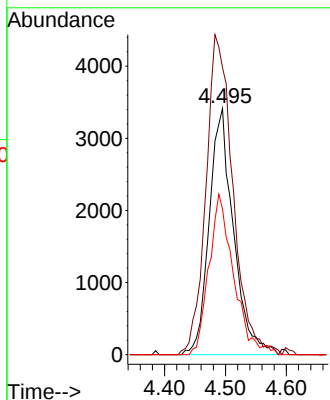
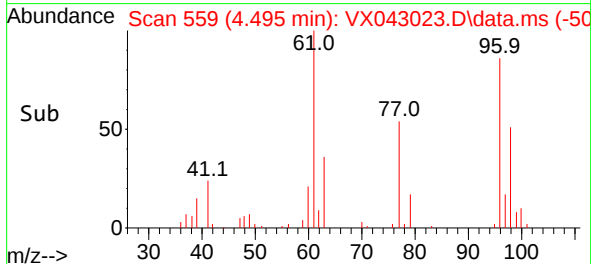
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 9469
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 312.2
 98 66.3 0.0 129.0

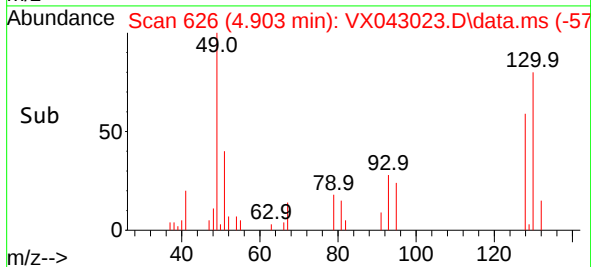
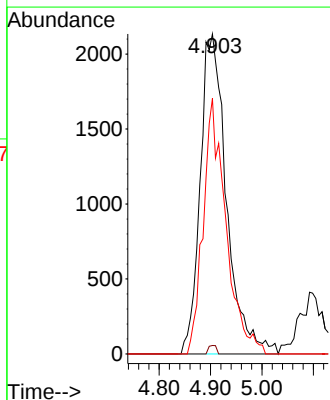
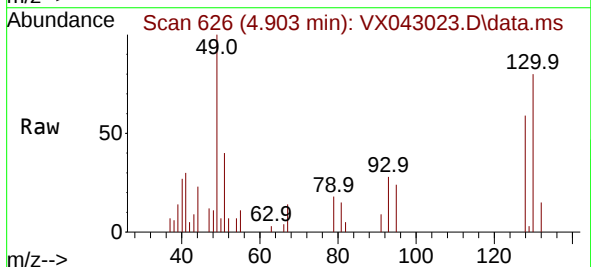
Manual Integrations
 APPROVED

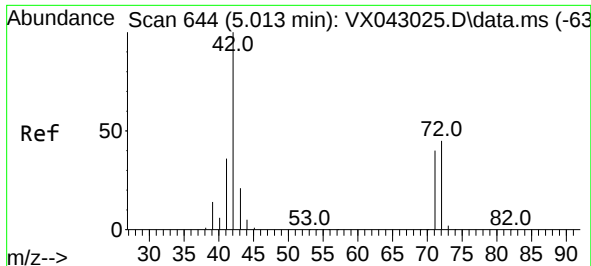
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#28
 Bromochloromethane
 Concen: 5.676 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.001 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

Tgt Ion: 49 Resp: 7583
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 69.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 24.170 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

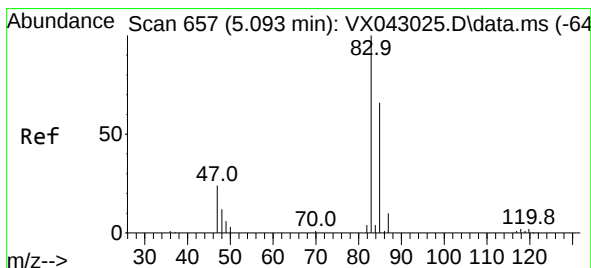
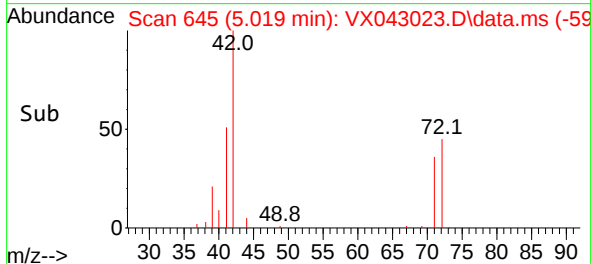
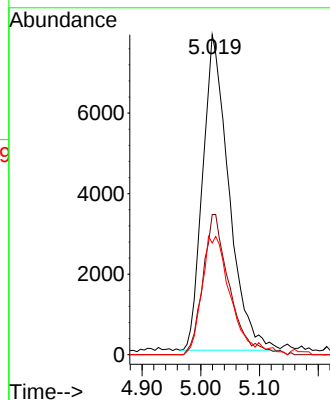
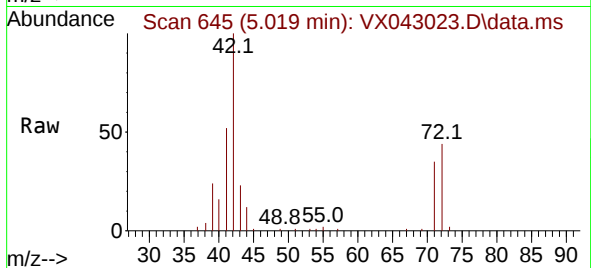
Tgt Ion: 42	Resp: 24278
Ion Ratio	Lower Upper
42 100	
72 45.2	34.2 51.4
71 41.6	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#30

Chloroform

Concen: 4.947 ug/l

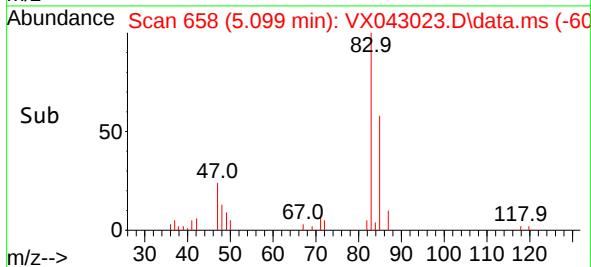
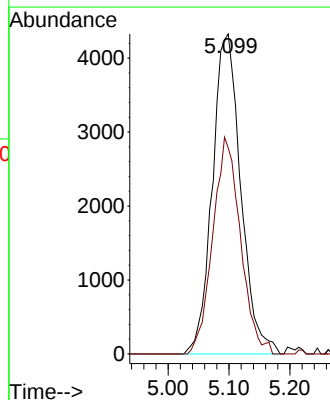
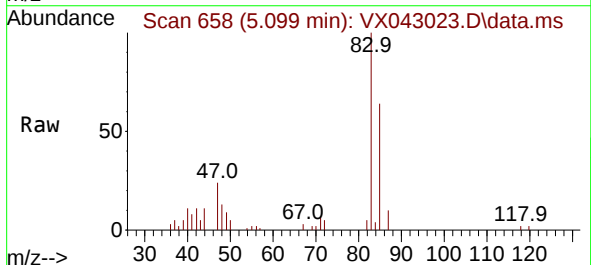
RT: 5.099 min Scan# 658

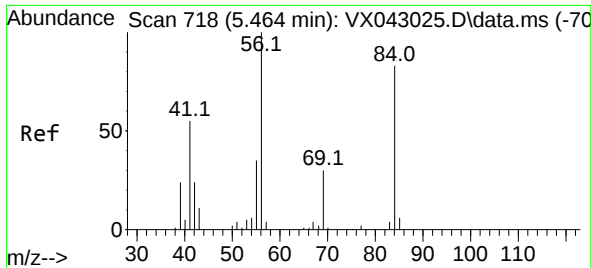
Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion: 83	Resp: 14036
Ion Ratio	Lower Upper
83 100	
85 64.4	50.3 75.5





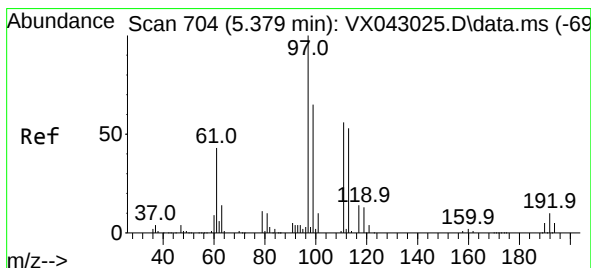
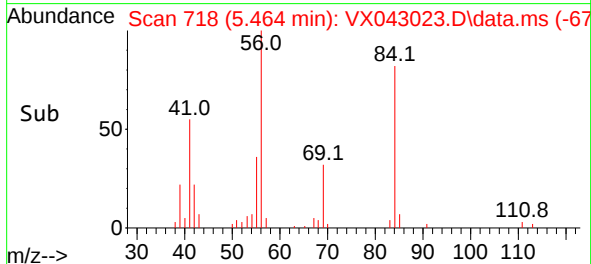
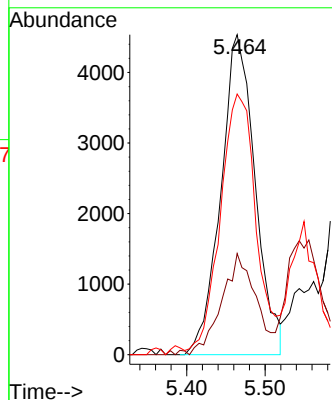
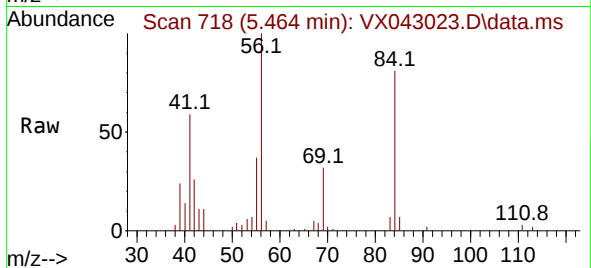
#31
Cyclohexane
Concen: 4.969 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1380
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 79.3 65.9 98.9

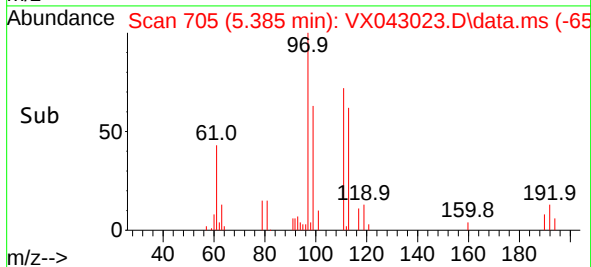
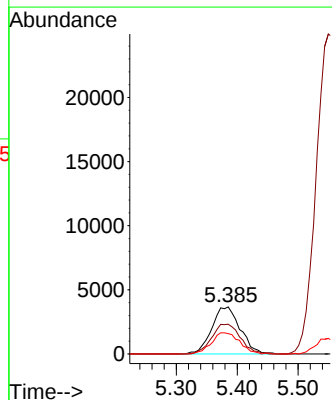
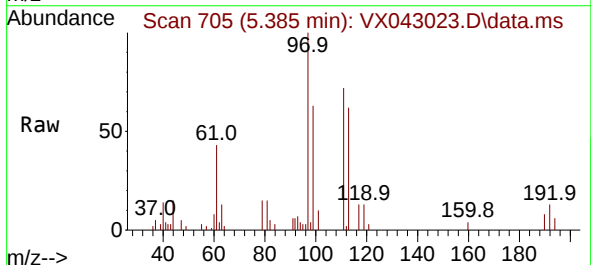
Manual Integrations
APPROVED

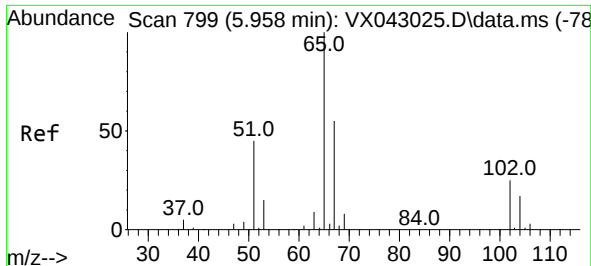
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 5.024 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 97 Resp: 11898
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.310 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 885

Ion Ratio Lower Upper

65 100

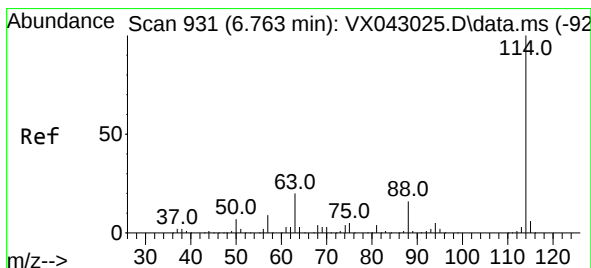
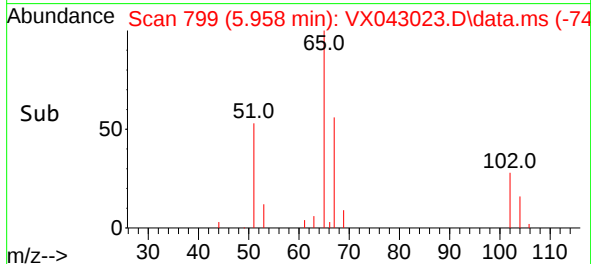
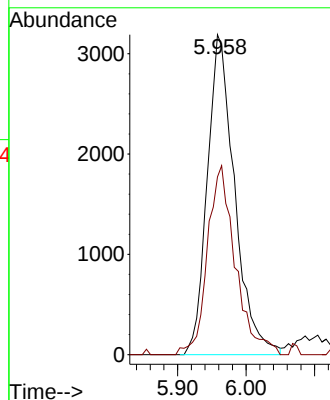
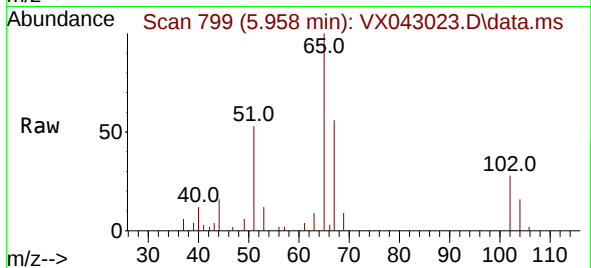
67 60.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

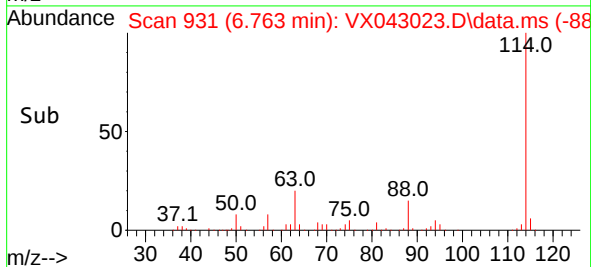
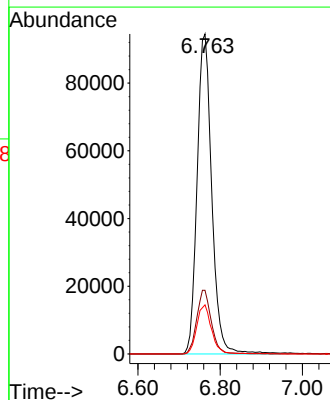
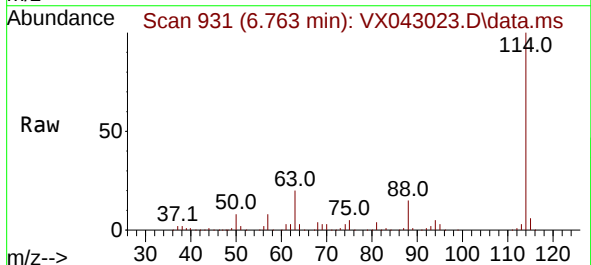
Tgt Ion:114 Resp: 233580

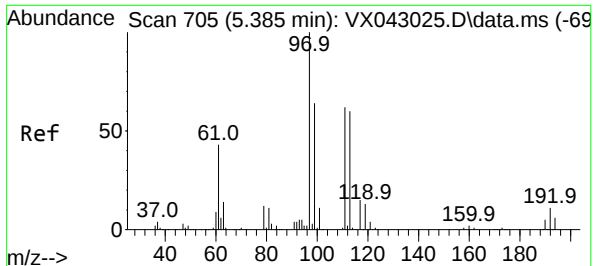
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

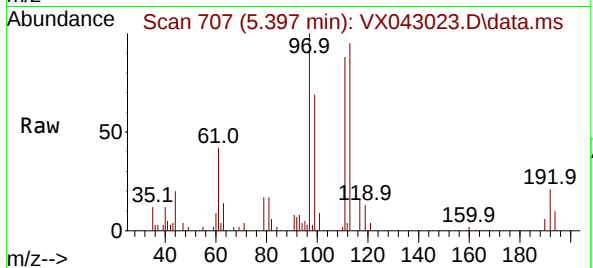
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.213 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

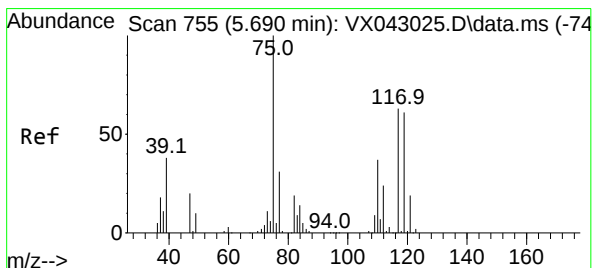
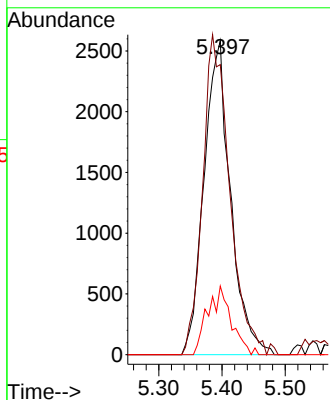
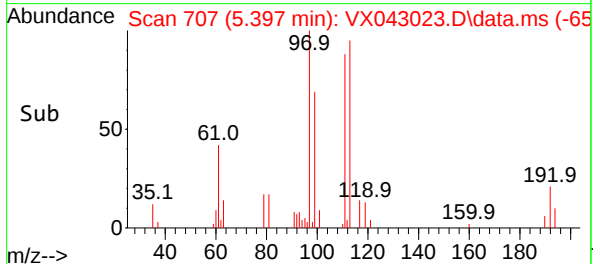
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



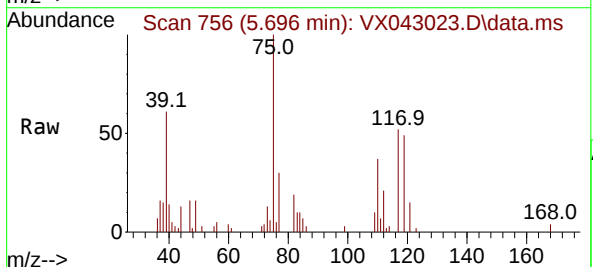
Tgt Ion: 113 Resp: 753
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.5 13.3 19.9

Manual Integrations
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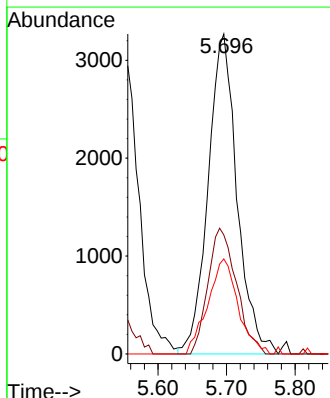
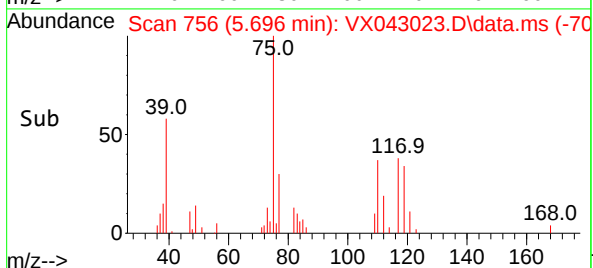
Reviewed By : John Carlone 08/15/2024
Supervised By : Mahesh Dadoda 08/15/2024

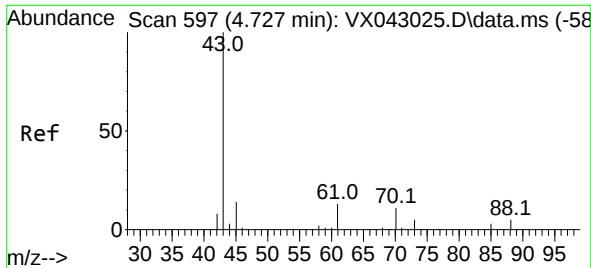


#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



Tgt Ion: 75 Resp: 9584
Ion Ratio Lower Upper
75 100
110 38.7 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 4.771 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

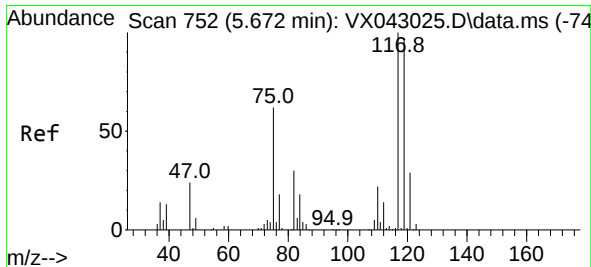
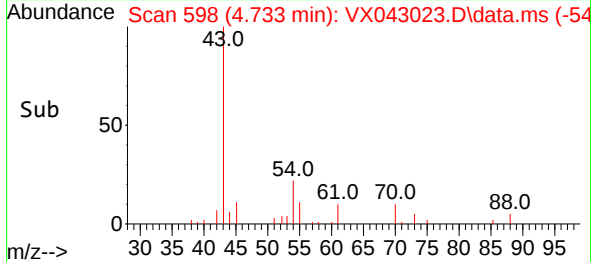
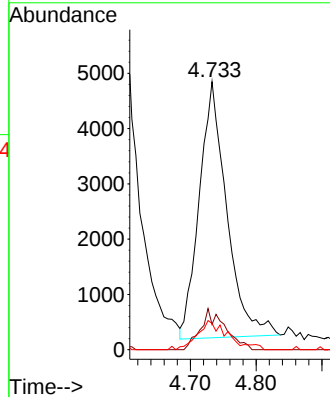
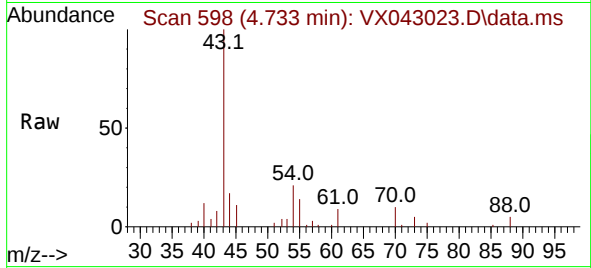
Tgt Ion: 43	Resp: 1349
Ion Ratio	Lower Upper
43 100	
61 14.3	10.6 16.0
70 11.7	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#38

Carbon Tetrachloride

Concen: 4.987 ug/l

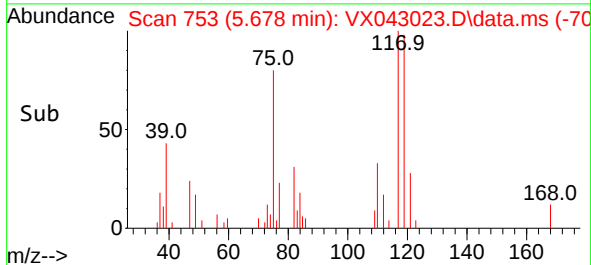
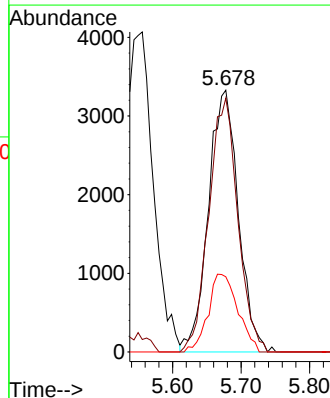
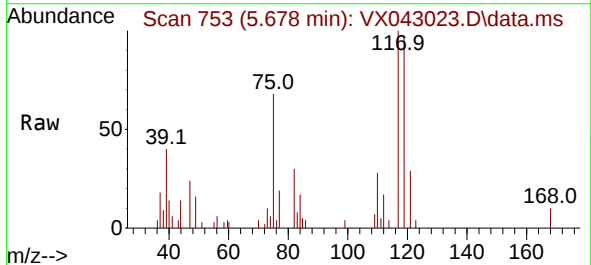
RT: 5.678 min Scan# 753

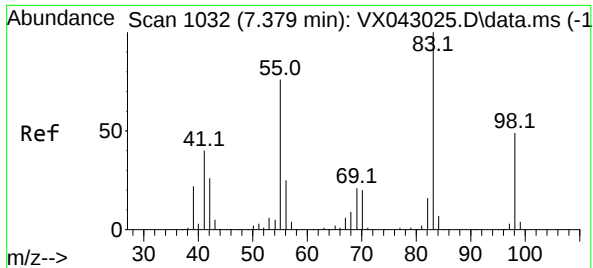
Delta R.T. -0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion:117	Resp: 10123
Ion Ratio	Lower Upper
117 100	
119 96.9	78.2 117.2
121 28.7	24.4 36.6





#39
Methylcyclohexane
Concen: 4.758 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

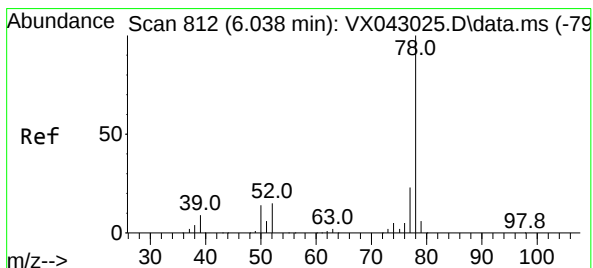
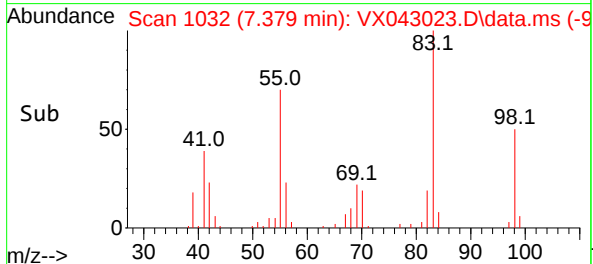
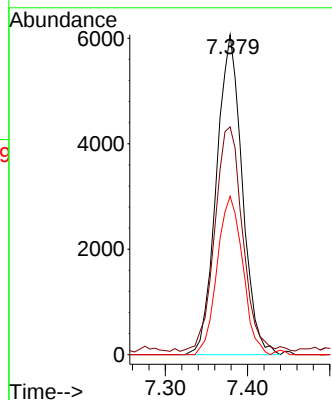
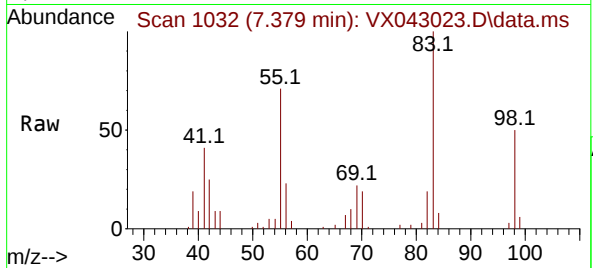
Tgt Ion: 83 Resp: 13225
Ion Ratio Lower Upper
83 100
55 70.1 64.6 97.0
98 49.5 36.7 55.1

Manual Integrations

APPROVED

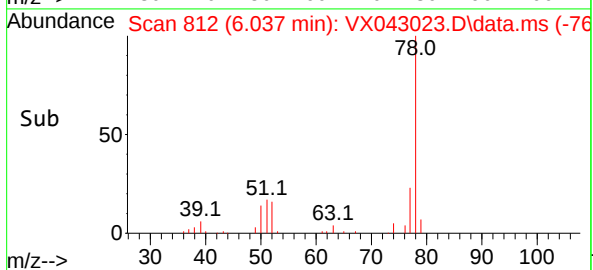
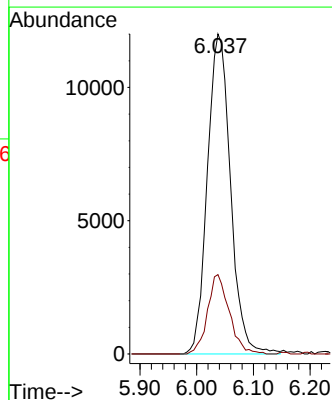
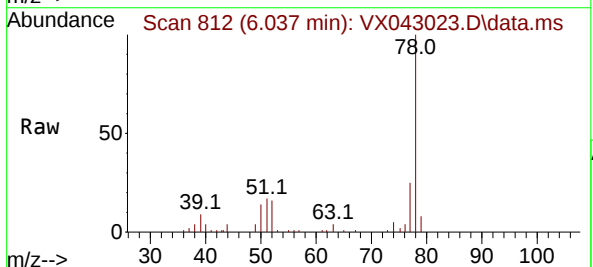
Reviewed By :John Carlone 08/15/2024

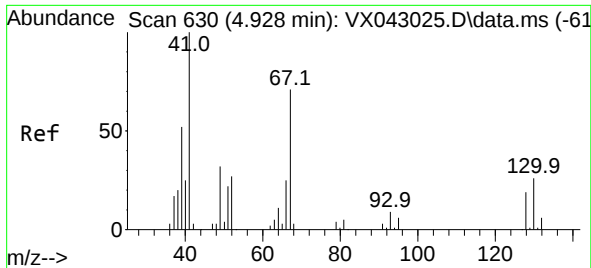
Supervised By :Mahesh Dadoda 08/15/2024



#40
Benzene
Concen: 4.977 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 78 Resp: 34041
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





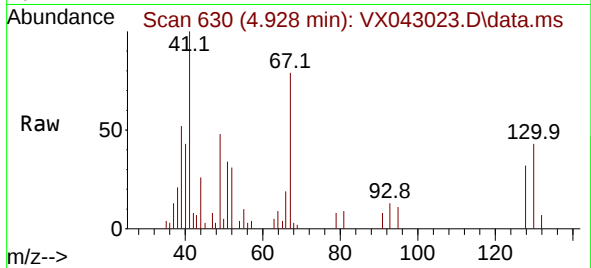
#41
Methacrylonitrile
Concen: 4.837 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



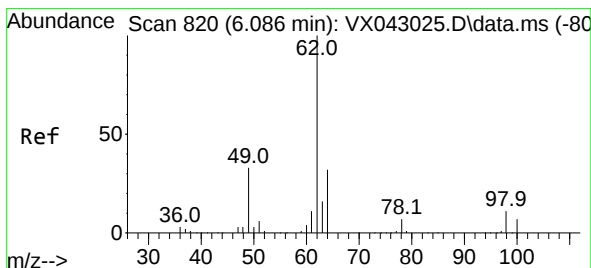
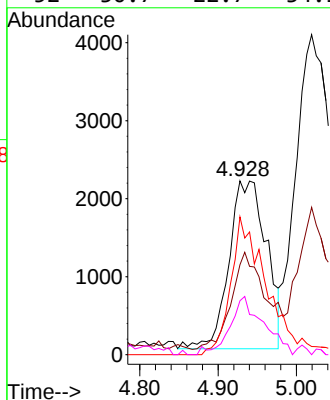
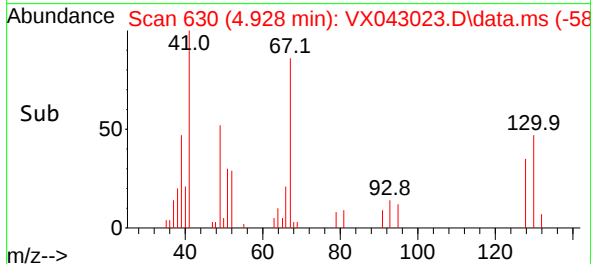
Tgt Ion: 41 Resp: 7209
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 79.1 52.6 78.8
52 30.7 22.7 34.1

Manual Integrations

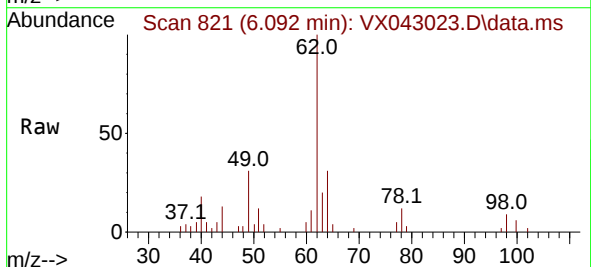
APPROVED

Reviewed By :John Carlone 08/15/2024

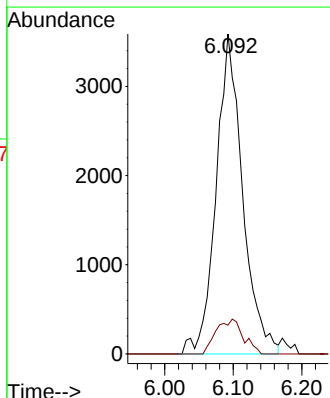
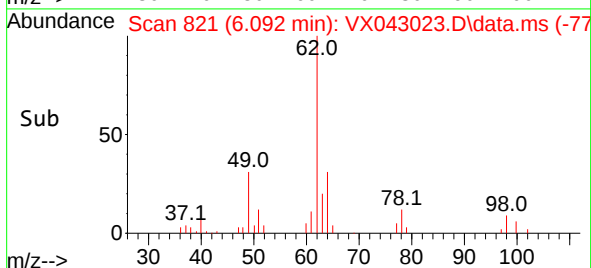
Supervised By :Mahesh Dadoda 08/15/2024

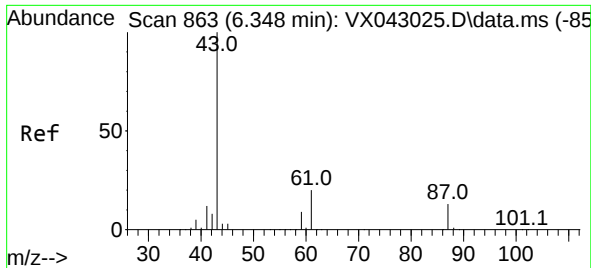


#42
1,2-Dichloroethane
Concen: 4.838 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



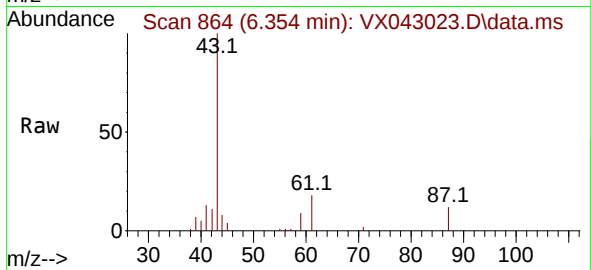
Tgt Ion: 62 Resp: 9625
Ion Ratio Lower Upper
62 100
98 11.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.934 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

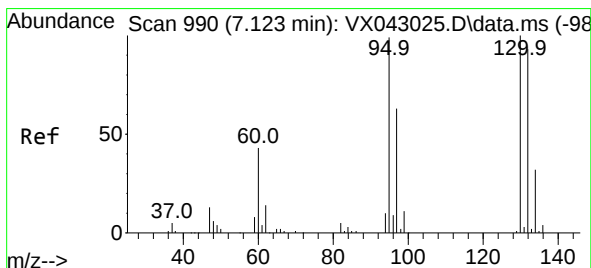
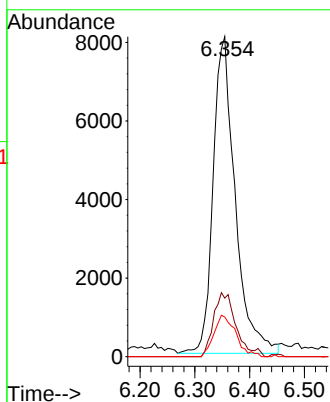
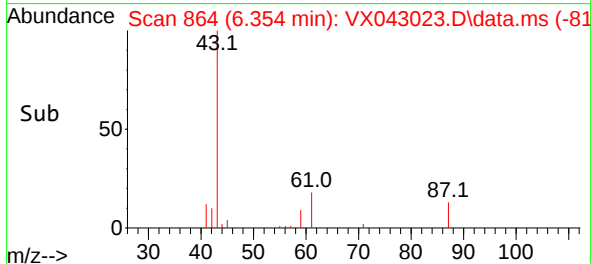
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 13.0 9.8 14.6

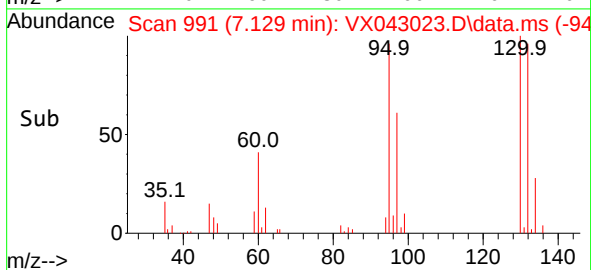
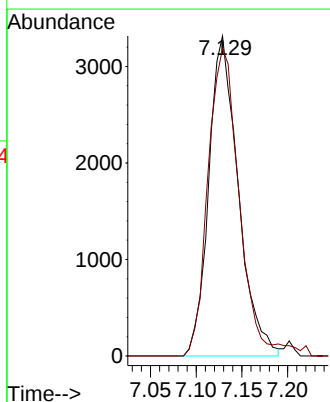
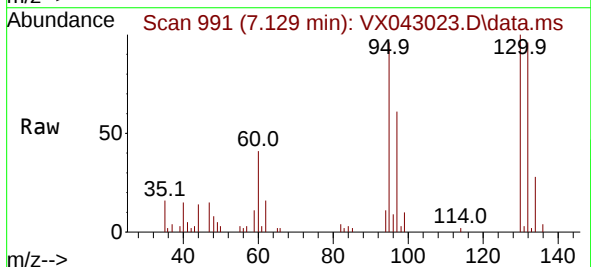
Manual Integrations
APPROVED

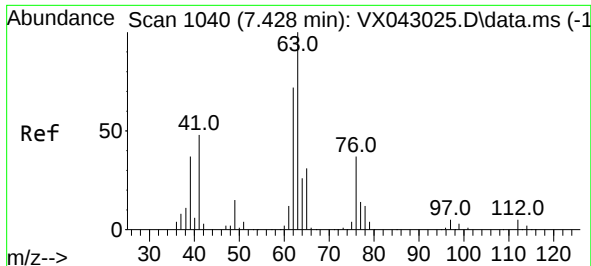
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#44
Trichloroethene
Concen: 4.796 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:130 Resp: 7427
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.978 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 8379

Ion Ratio Lower Upper

63 100

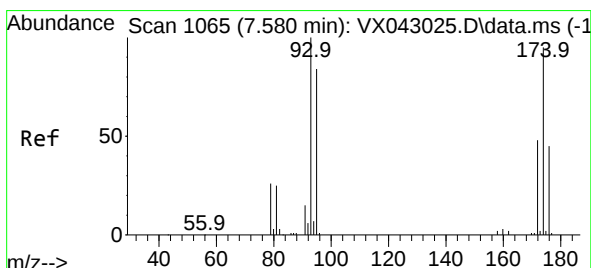
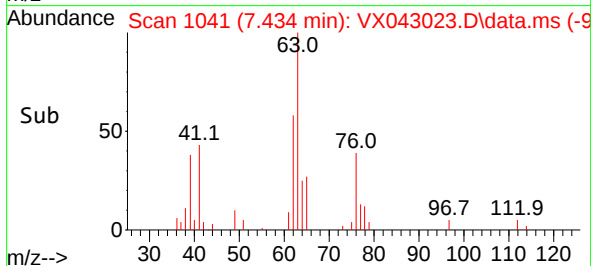
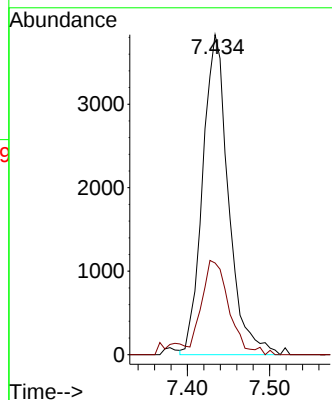
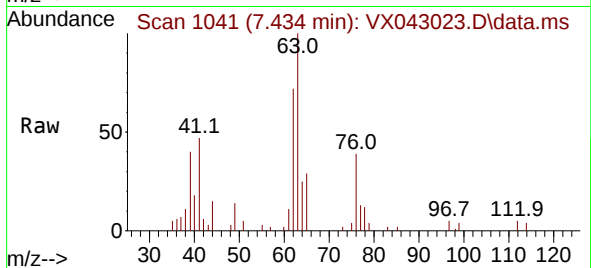
65 28.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#46

Dibromomethane

Concen: 4.995 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

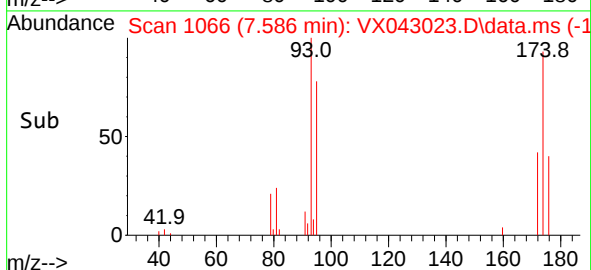
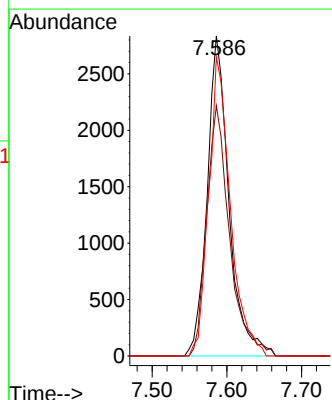
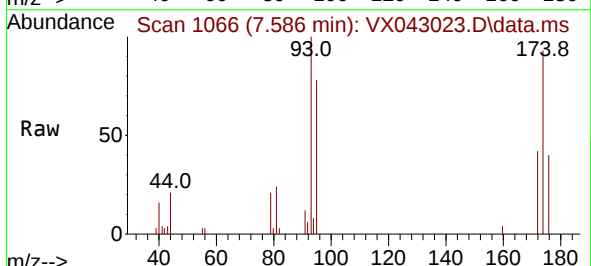
Tgt Ion: 93 Resp: 5748

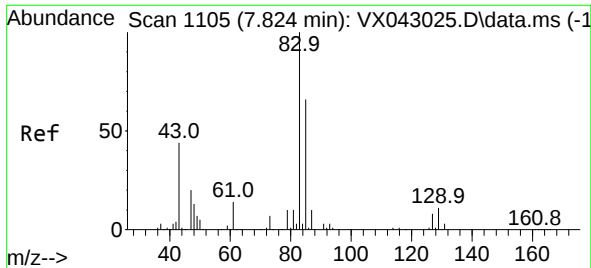
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 93.2 69.4 104.0





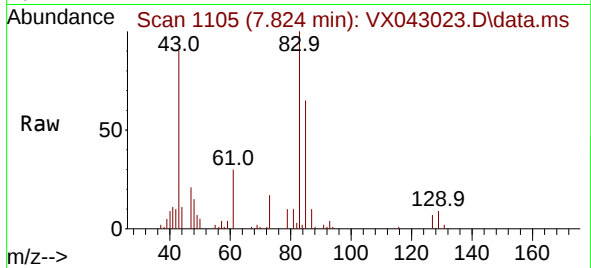
#47
Bromodichloromethane
Concen: 4.782 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



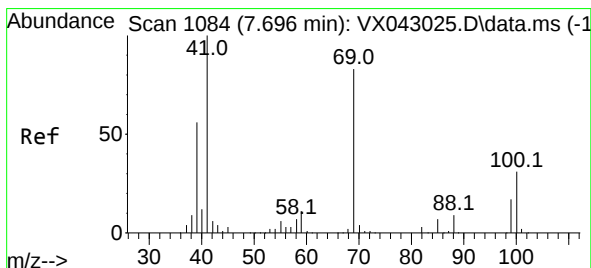
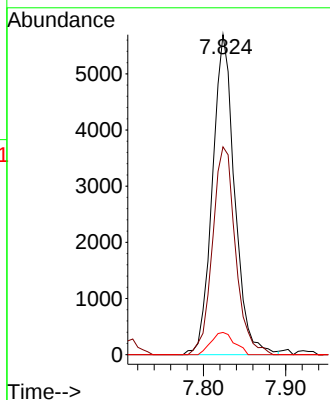
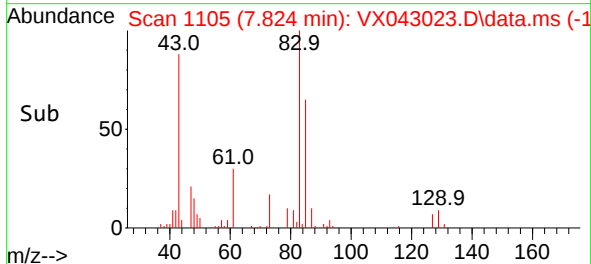
Tgt Ion: 83 Resp: 10684
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 6.9 7.1 10.7

Manual Integrations

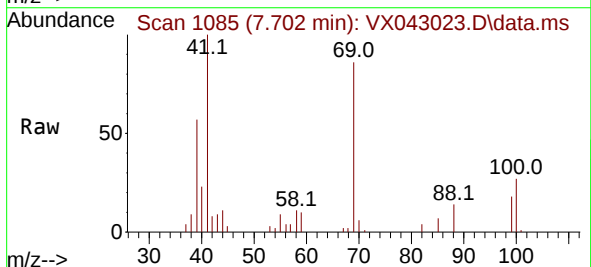
APPROVED

Reviewed By :John Carlone 08/15/2024

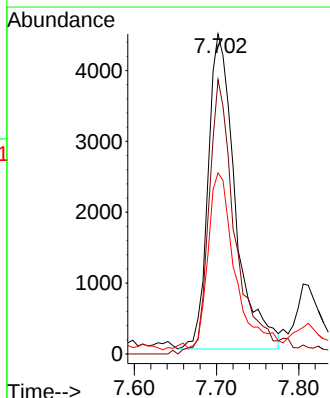
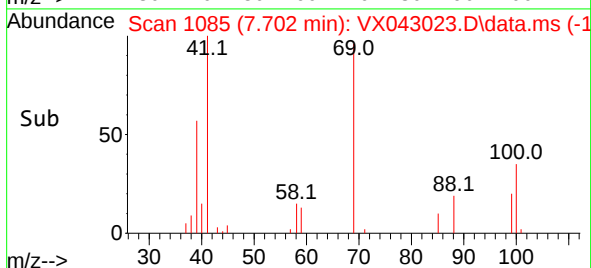
Supervised By :Mahesh Dadoda 08/15/2024

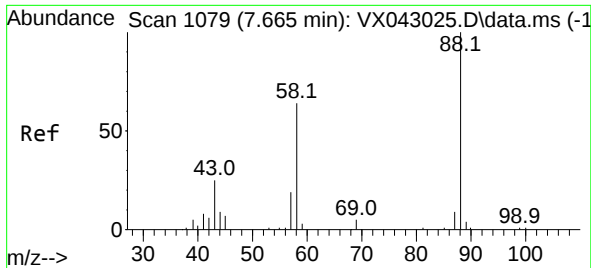


#48
Methyl methacrylate
Concen: 5.089 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



Tgt Ion: 41 Resp: 10268
Ion Ratio Lower Upper
41 100
69 83.3 59.2 88.8
39 54.2 47.7 71.5





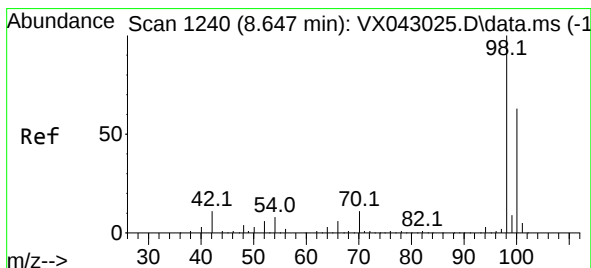
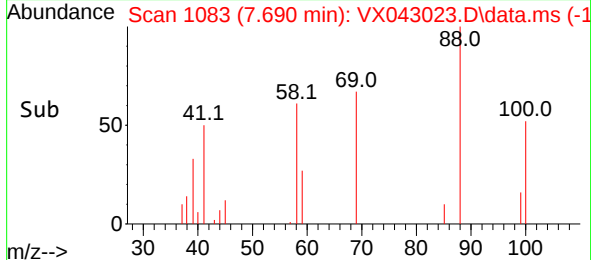
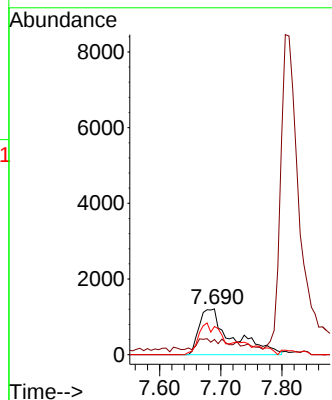
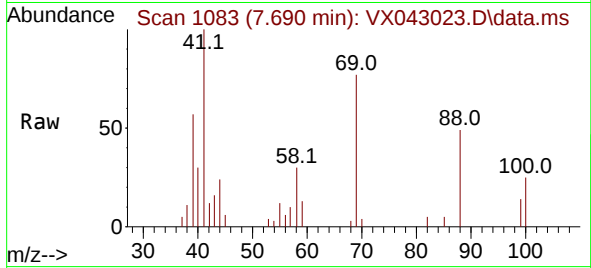
#49
1,4-Dioxane
Concen: 108.616 ug/l m
RT: 7.690 min Scan# 1083
Delta R.T. 0.025 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 4490
Ion Ratio Lower Upper
88 100
43 12.6 0.0 0.0
58 46.7 60.1 90.1

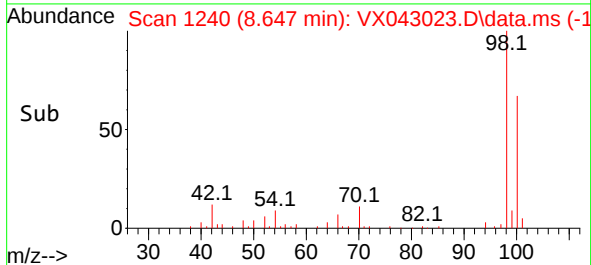
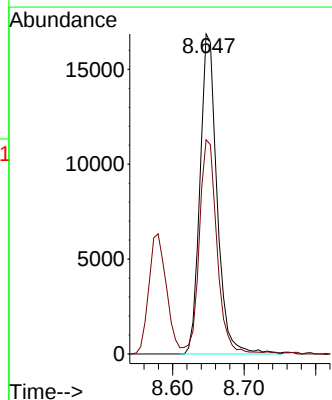
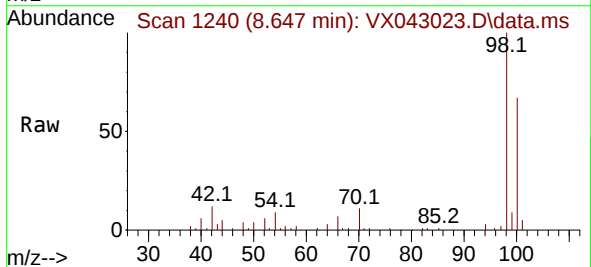
Manual Integrations
APPROVED

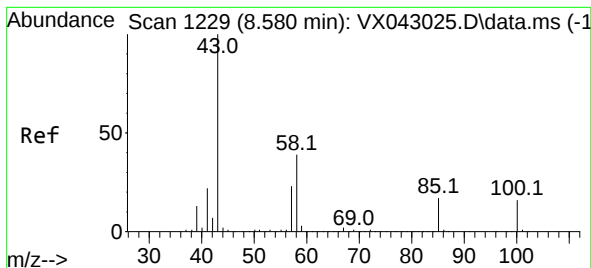
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#50
Toluene-d8
Concen: 5.001 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 98 Resp: 27895
Ion Ratio Lower Upper
98 100
100 67.9 53.1 79.7





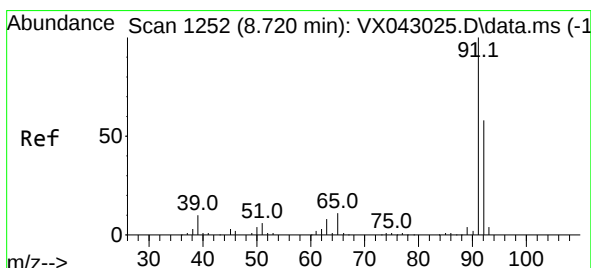
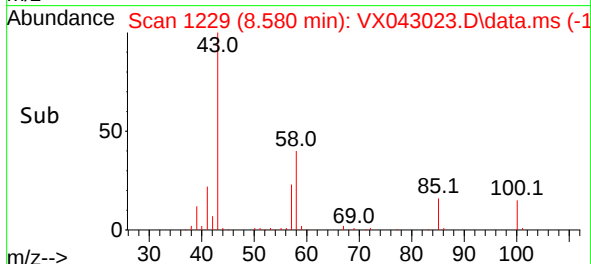
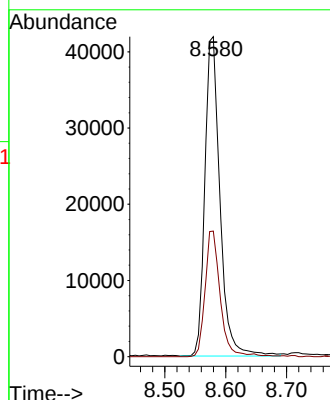
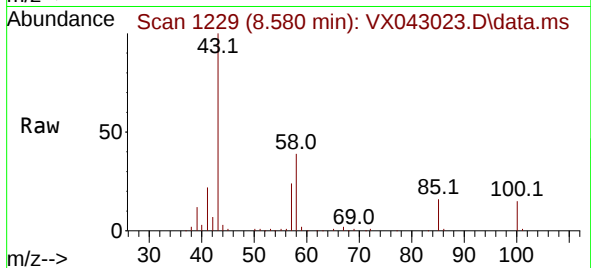
#51
4-Methyl-2-Pentanone
Concen: 24.959 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 72374
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

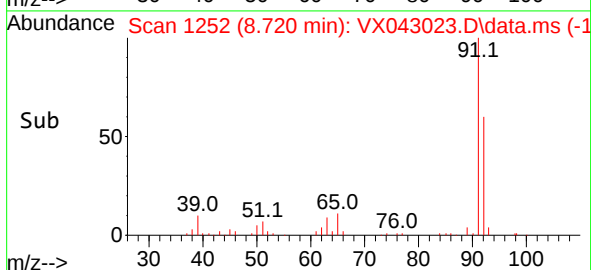
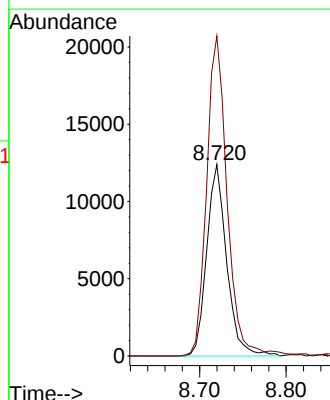
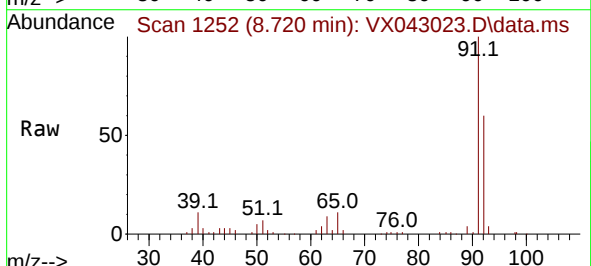
Manual Integrations
APPROVED

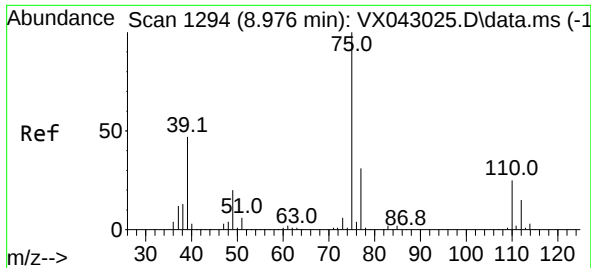
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 4.807 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 92 Resp: 19857
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.661 ug/l

RT: 8.982 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 34.2 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

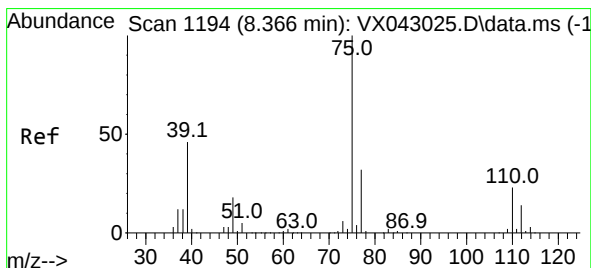
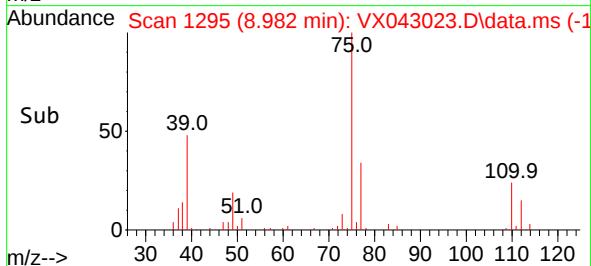
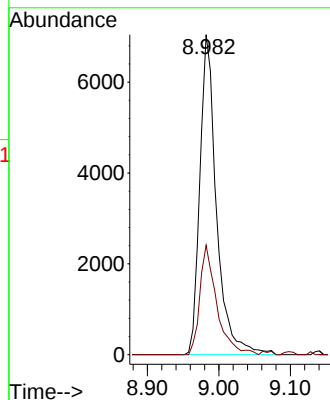
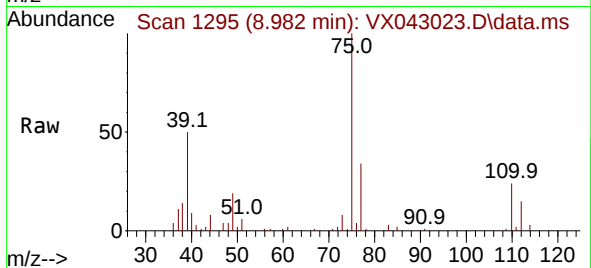
VSTDIC005

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#54

cis-1,3-Dichloropropene

Concen: 4.868 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

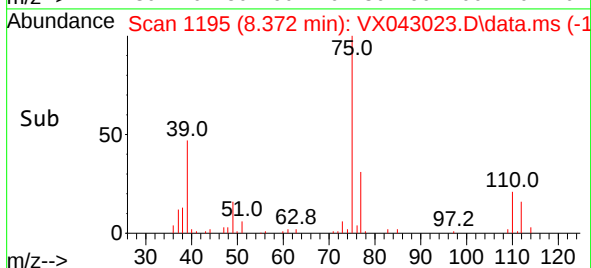
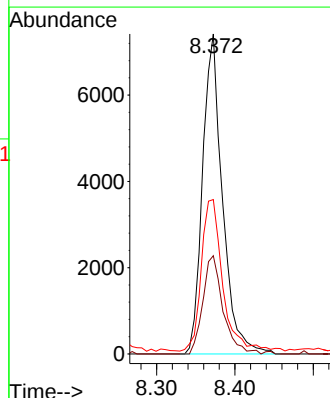
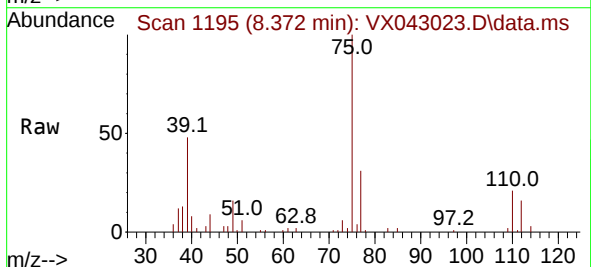
Tgt Ion: 75 Resp: 13065

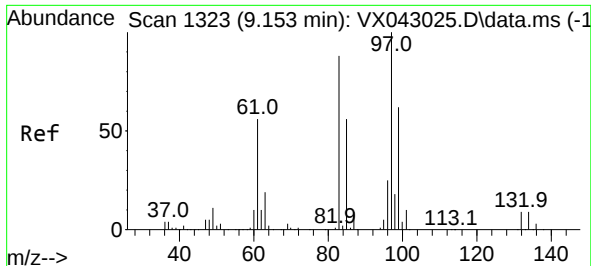
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

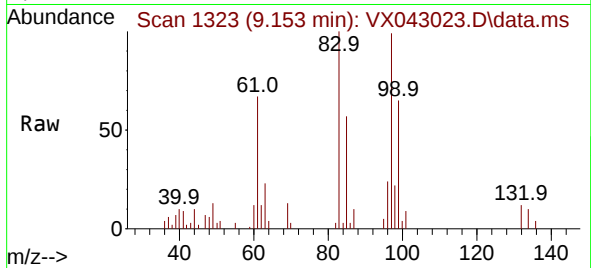
39 47.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.979 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

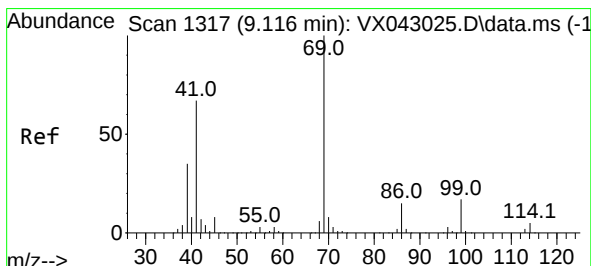
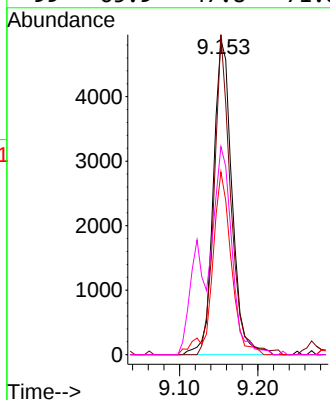
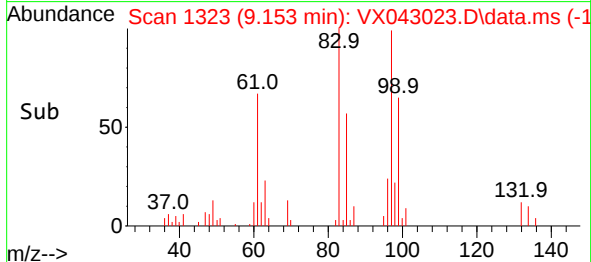
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	101.5	65.8	98.8
85	57.9	41.6	62.4
99	65.9	47.8	71.8

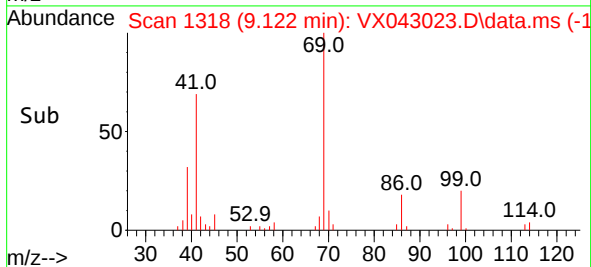
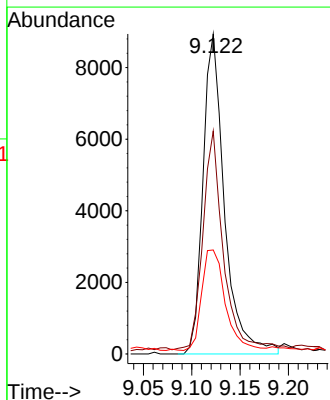
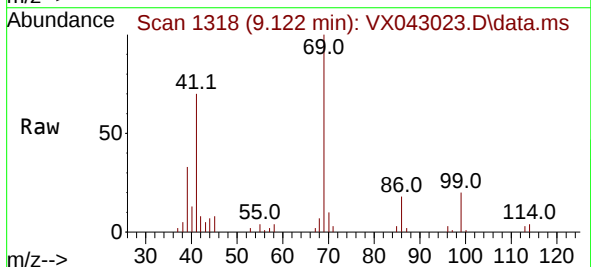
Manual Integrations
APPROVED

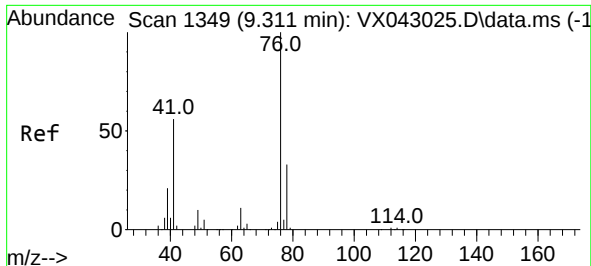
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#56
Ethyl methacrylate
Concen: 4.714 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	56.8	85.2
39	34.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.001 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1375

Ion Ratio Lower Upper

76 100

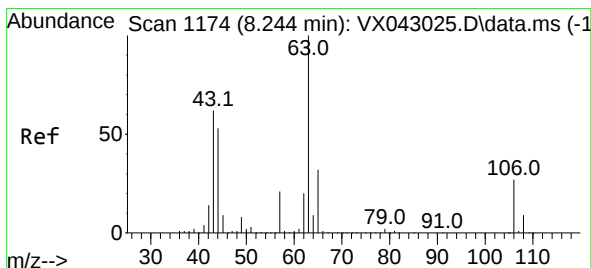
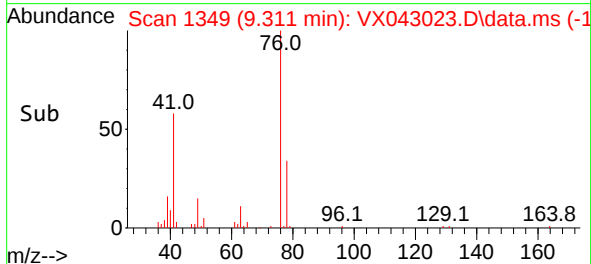
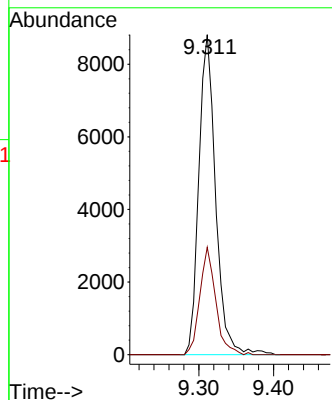
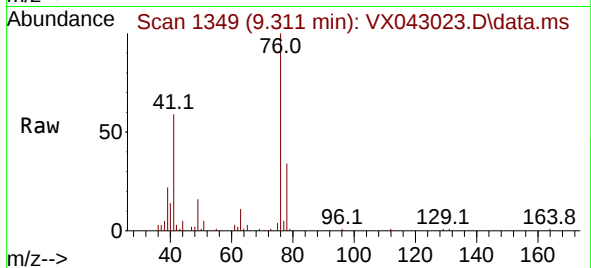
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 25.505 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX043023.D

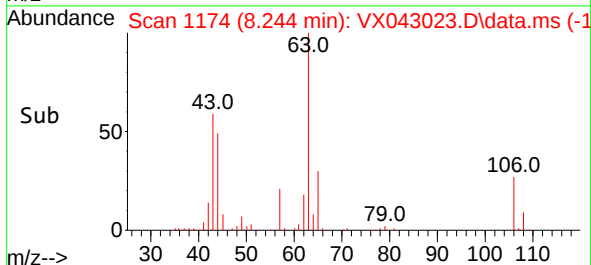
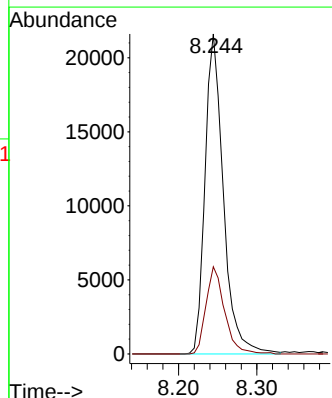
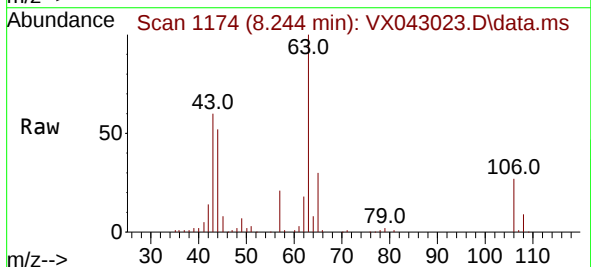
Acq: 14 Aug 2024 11:43

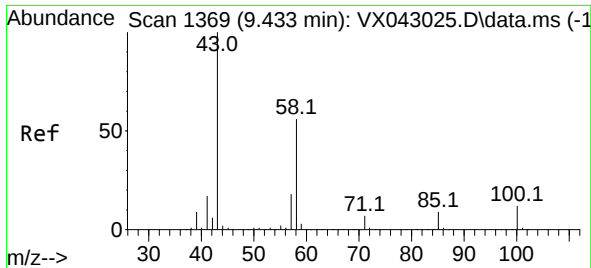
Tgt Ion: 63 Resp: 35169

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





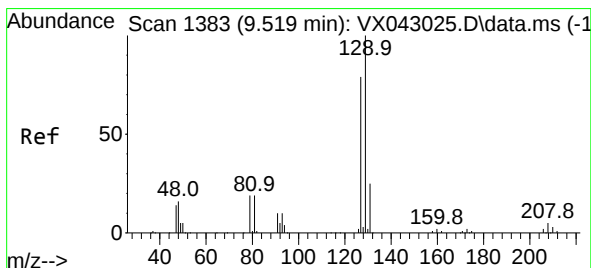
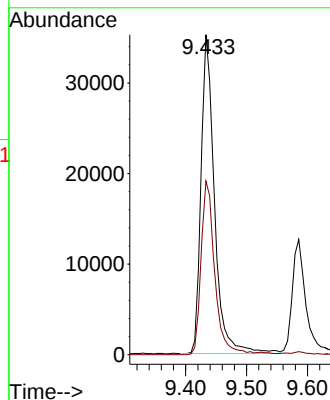
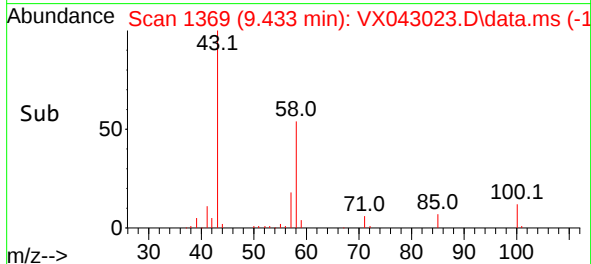
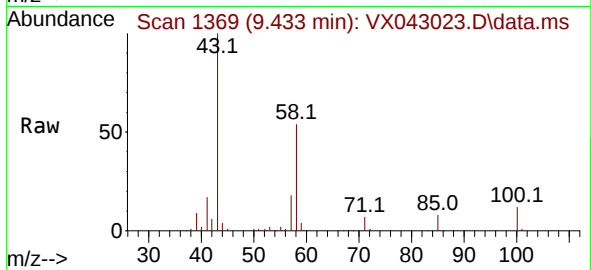
#59
2-Hexanone
Concen: 24.292 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 54129
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.5

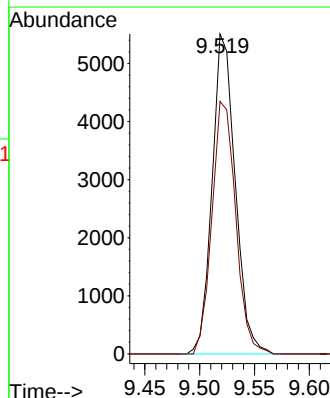
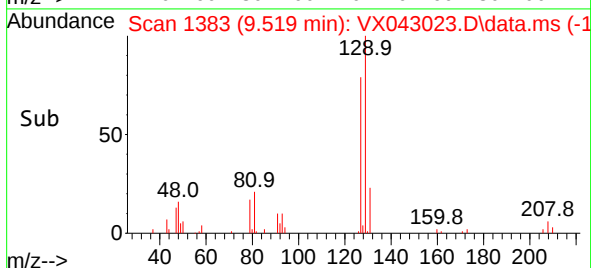
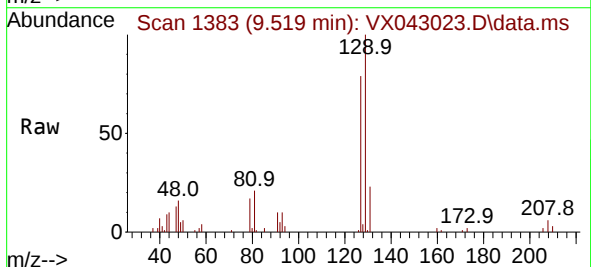
Manual Integrations
APPROVED

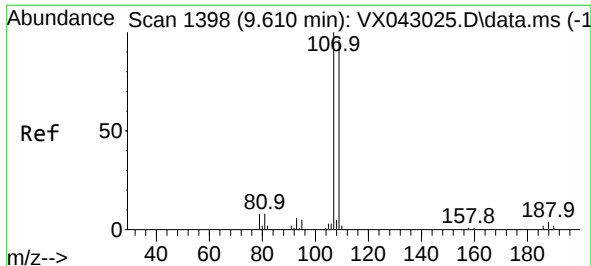
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#60
Dibromochloromethane
Concen: 4.722 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

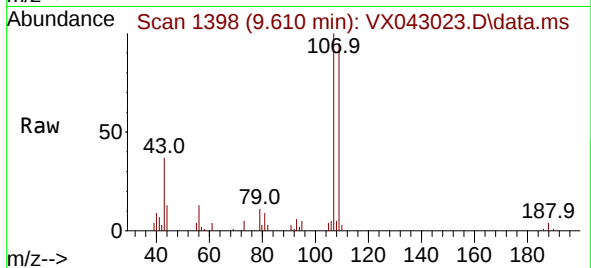
Tgt Ion:129 Resp: 8080
Ion Ratio Lower Upper
129 100
127 81.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.987 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

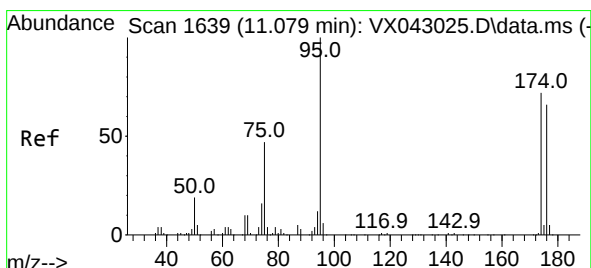
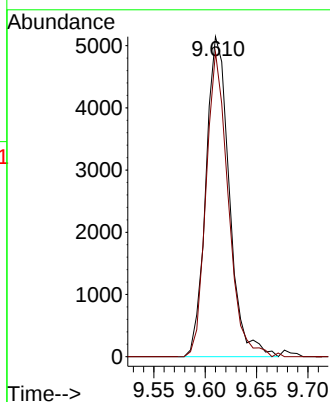
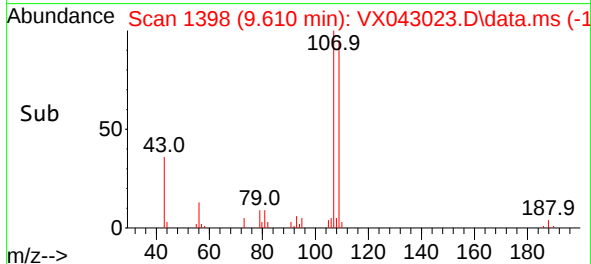
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 816
Ion Ratio Lower Upper
107 100
109 89.9 75.2 112.8

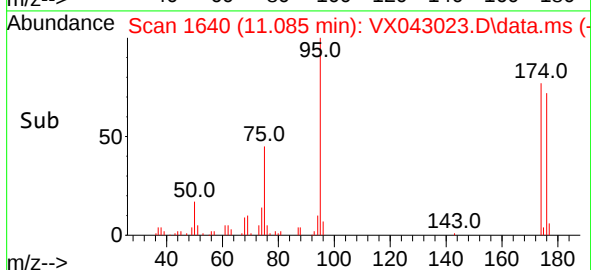
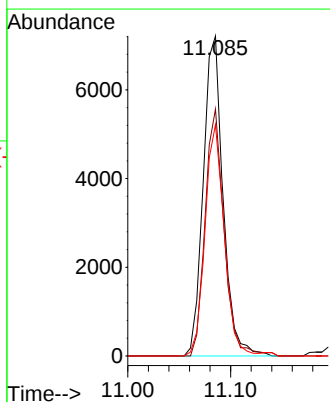
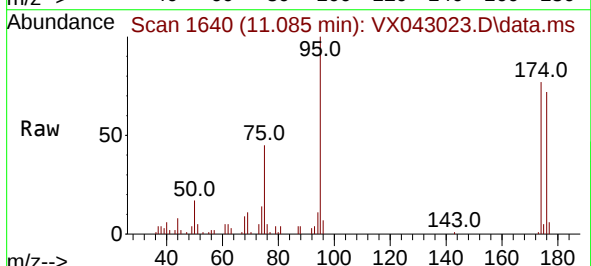
Manual Integrations
APPROVED

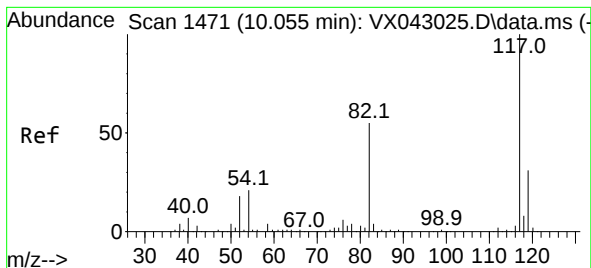
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#62
4-Bromofluorobenzene
Concen: 4.780 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

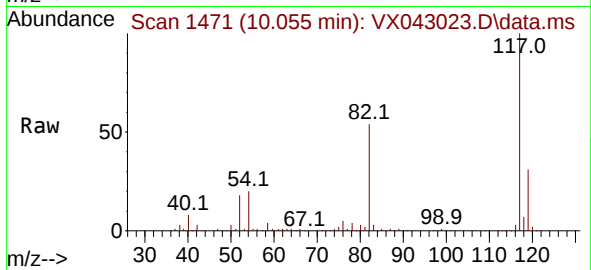
Tgt Ion: 95 Resp: 9669
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 70.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

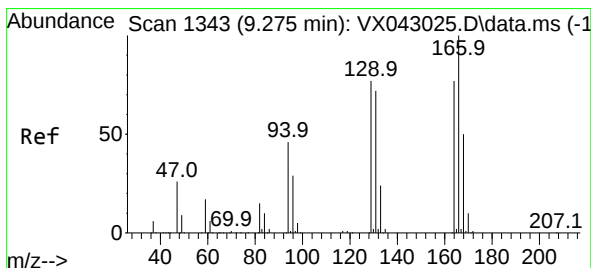
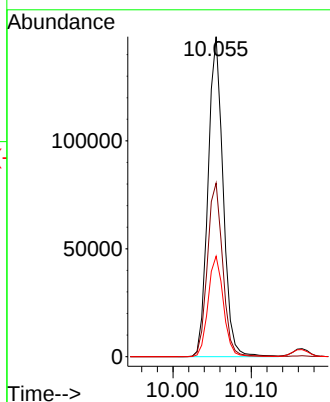
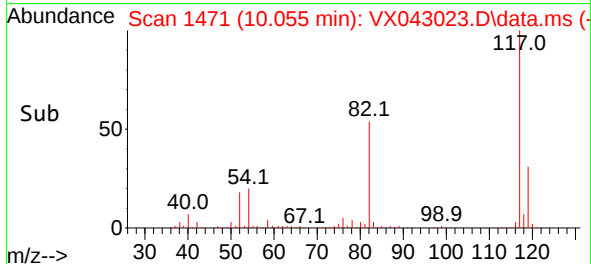
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 197229
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.4 25.5 38.3

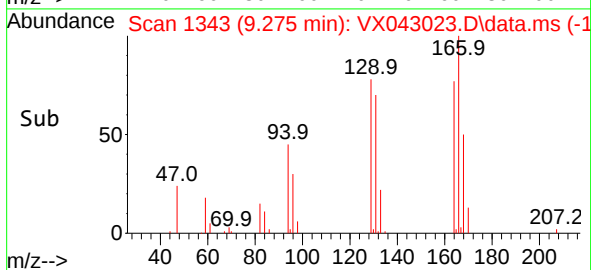
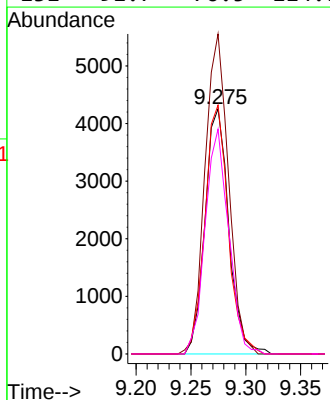
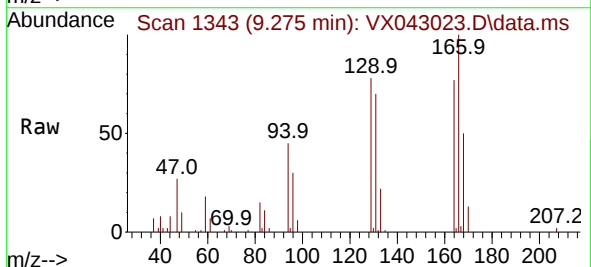
Manual Integrations
APPROVED

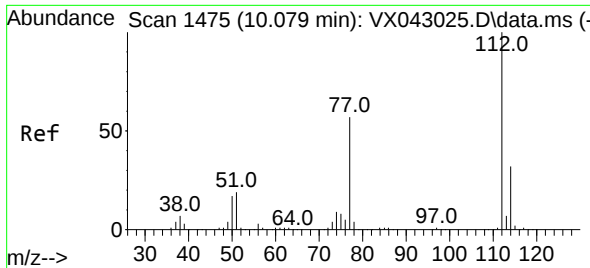
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#64
Tetrachloroethene
Concen: 5.047 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:164 Resp: 6424
Ion Ratio Lower Upper
164 100
166 130.5 102.7 154.1
129 101.5 80.4 120.6
131 91.7 76.5 114.7





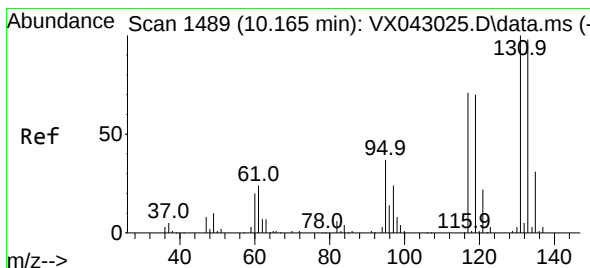
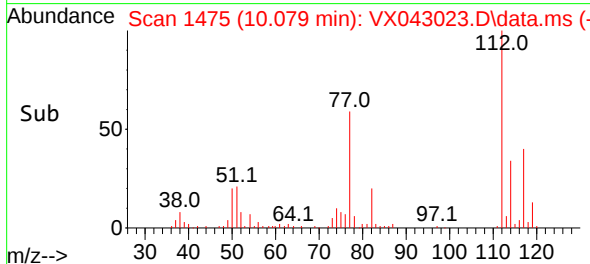
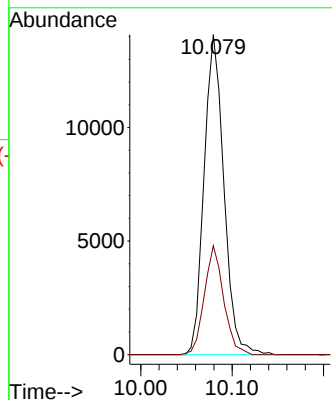
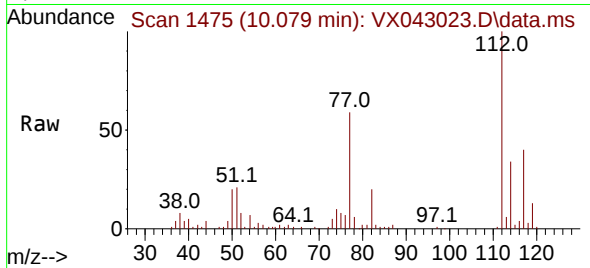
#65
Chlorobenzene
Concen: 4.979 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2118
Ion Ratio Lower Upper
112 100
114 34.1 25.7 38.5

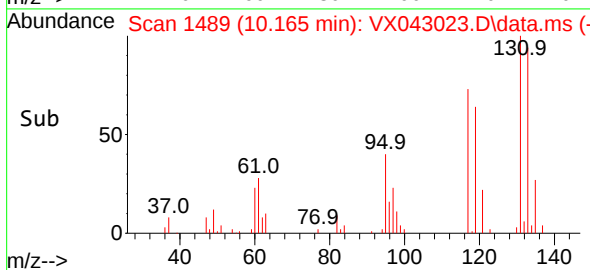
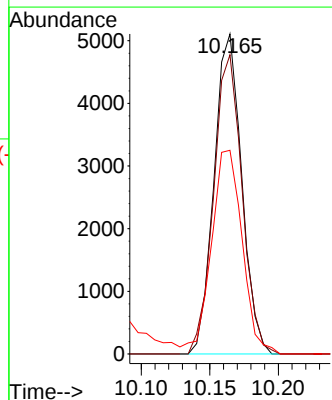
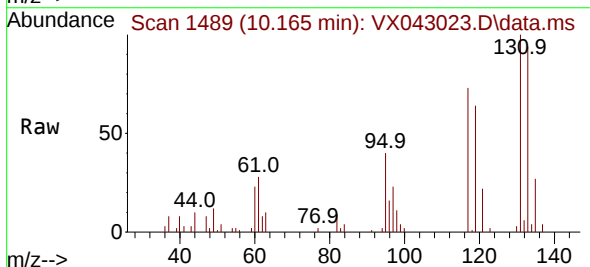
Manual Integrations
APPROVED

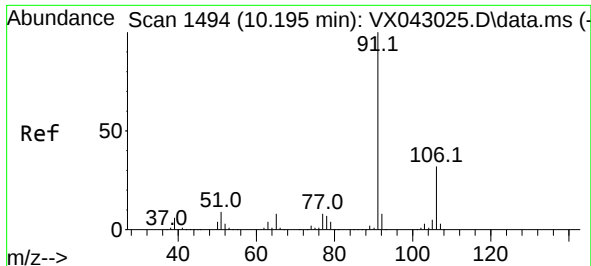
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.994 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:131 Resp: 7160
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 71.0 32.2 96.6





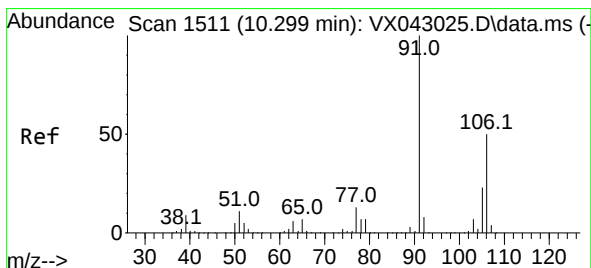
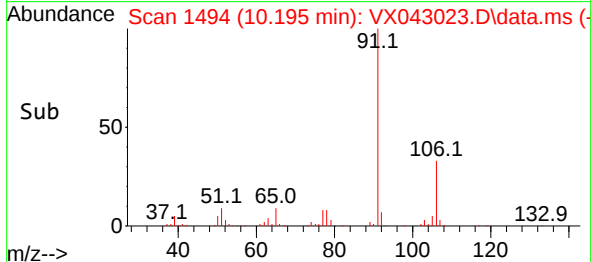
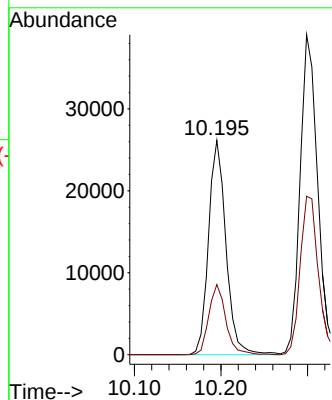
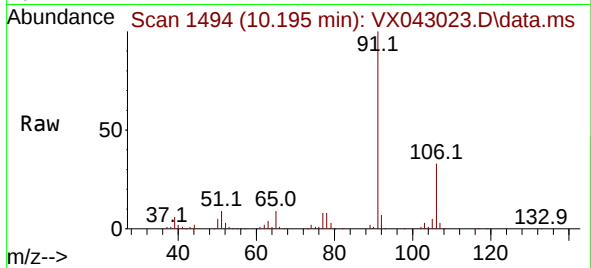
#67
Ethyl Benzene
Concen: 4.955 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 36639
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

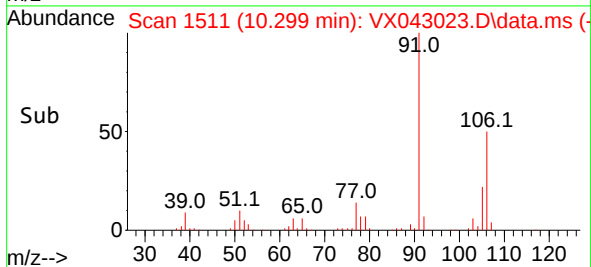
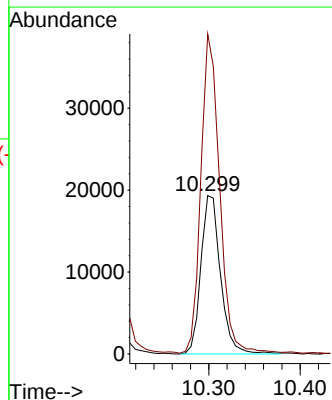
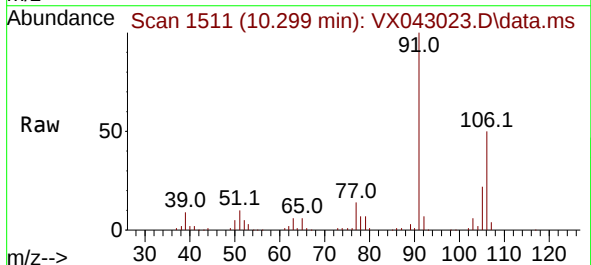
Manual Integrations
APPROVED

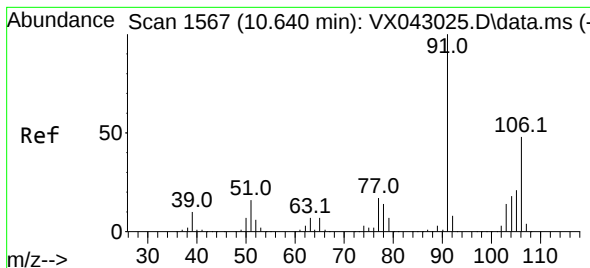
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#68
m/p-Xylenes
Concen: 10.134 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:106 Resp: 28815
Ion Ratio Lower Upper
106 100
91 192.9 165.5 248.3





#69

o-Xylene

Concen: 4.966 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 14184

Ion Ratio Lower Upper

106 100

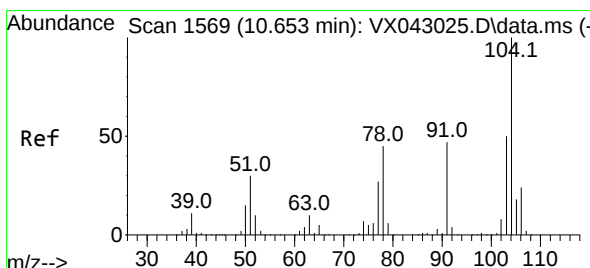
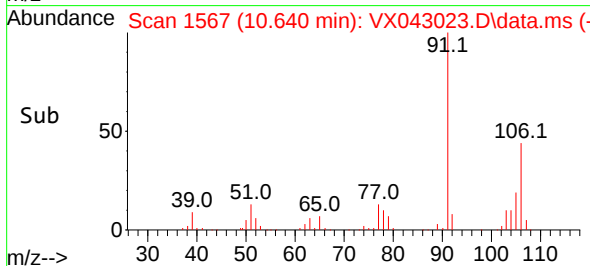
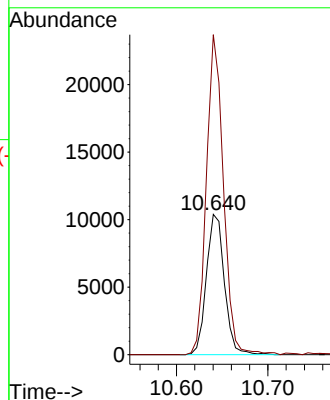
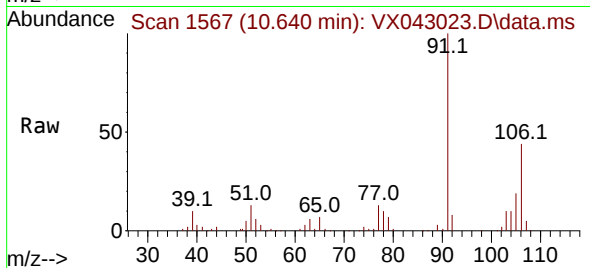
91 215.5 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#70

Styrene

Concen: 4.809 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

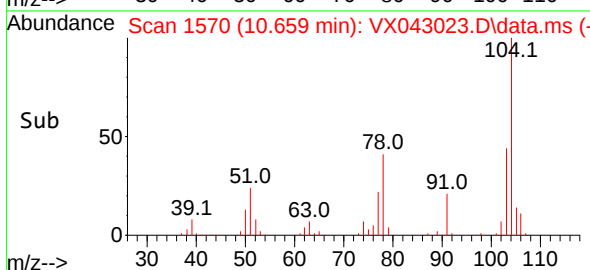
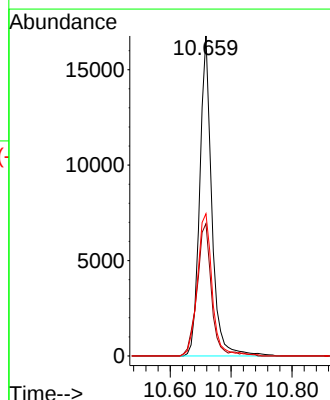
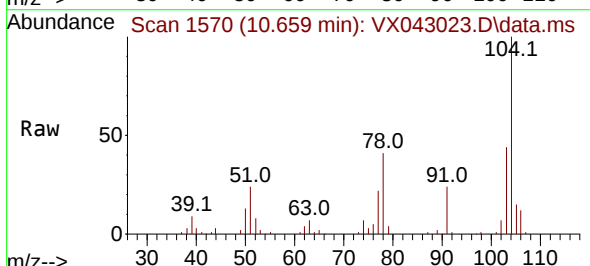
Tgt Ion:104 Resp: 23031

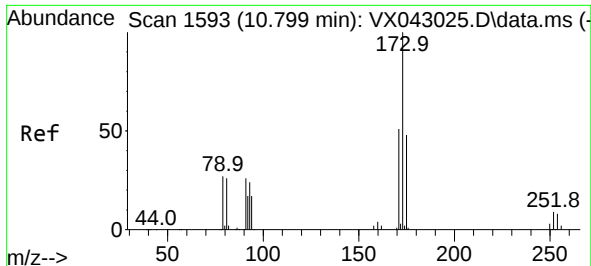
Ion Ratio Lower Upper

104 100

78 49.6 43.6 65.4

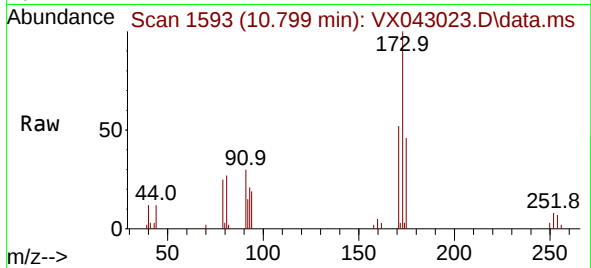
103 54.5 43.6 65.4





#71
Bromoform
Concen: 4.812 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

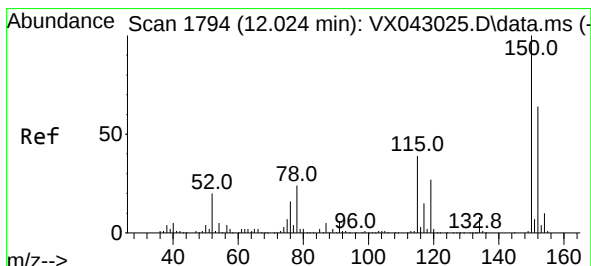
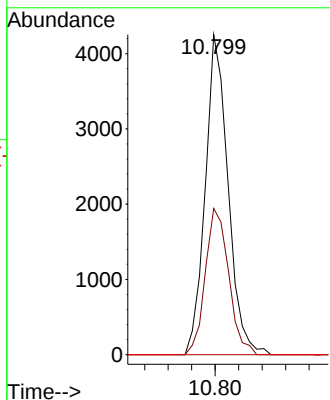
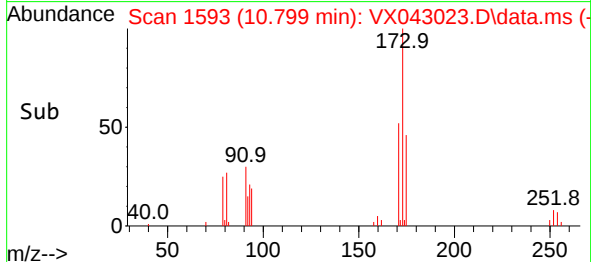
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



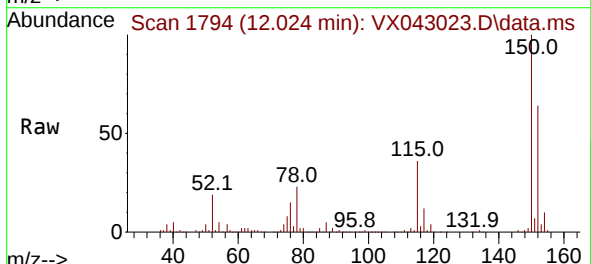
Tgt Ion:173 Resp: 5730
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

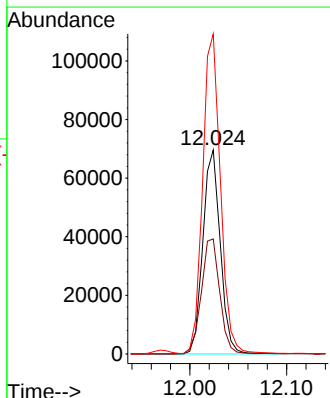
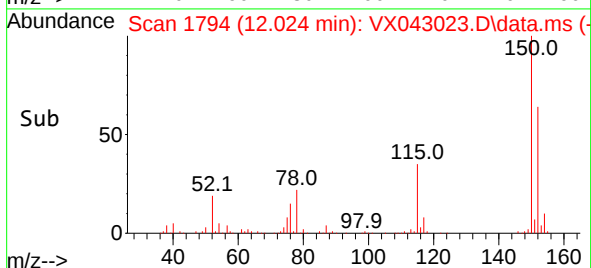
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

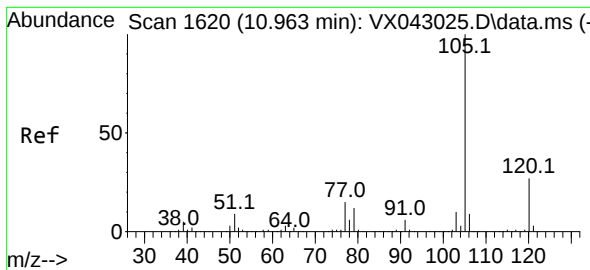


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



Tgt Ion:152 Resp: 87279
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 160.0 0.0 345.0





#73

Isopropylbenzene

Concen: 5.150 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. -0.001 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3428

Ion Ratio Lower Upper

105 100

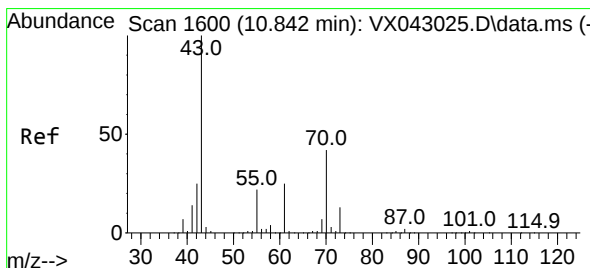
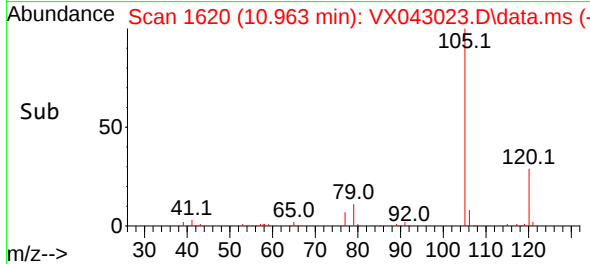
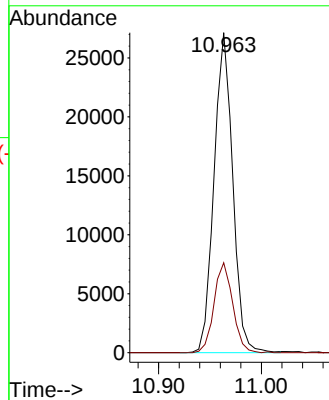
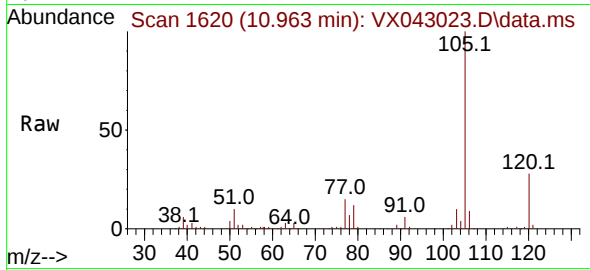
120 28.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#74

N-ethyl acetate

Concen: 5.000 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion: 43 Resp: 18959

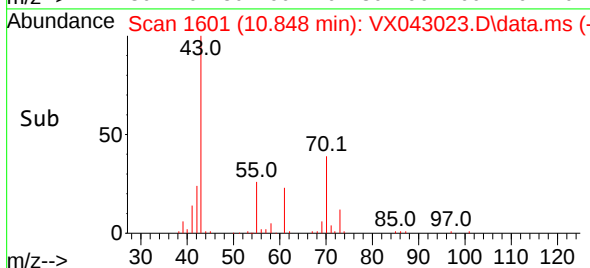
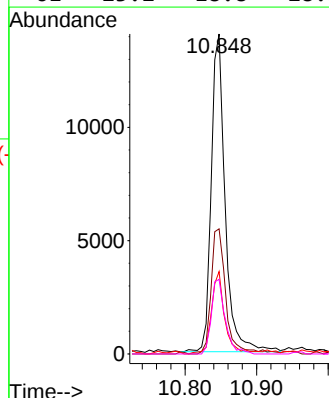
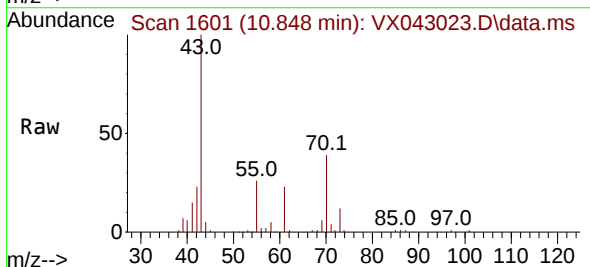
Ion Ratio Lower Upper

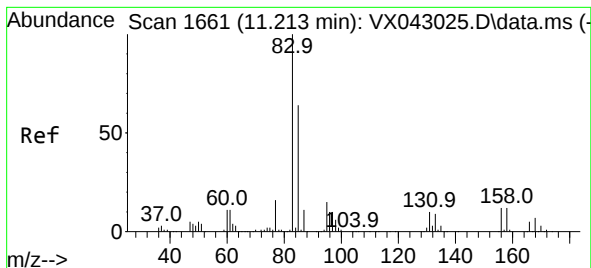
43 100

70 42.0 32.9 49.3

55 24.9 19.3 28.9

61 23.2 18.8 28.2





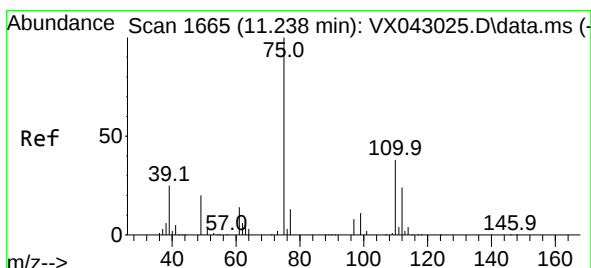
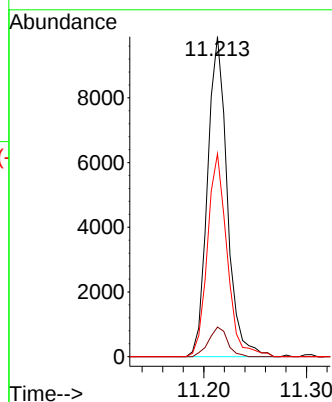
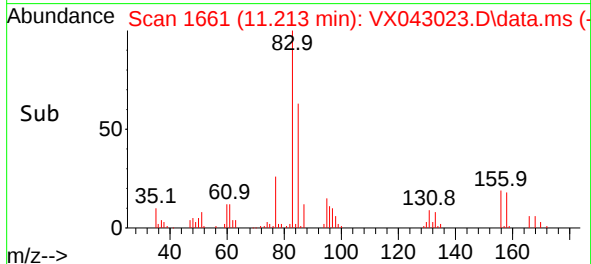
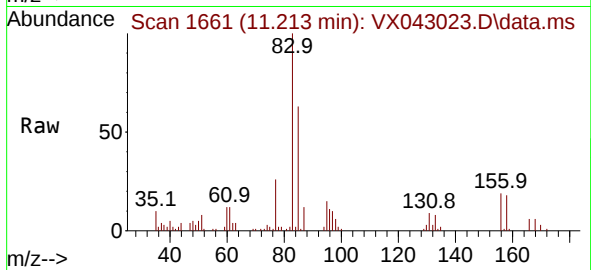
#75
1,1,2,2-Tetrachloroethane
Concen: 5.153 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13200
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.8
85 63.2 32.0 96.2

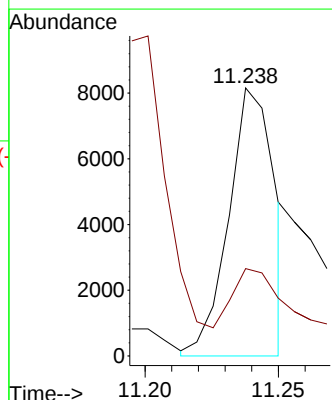
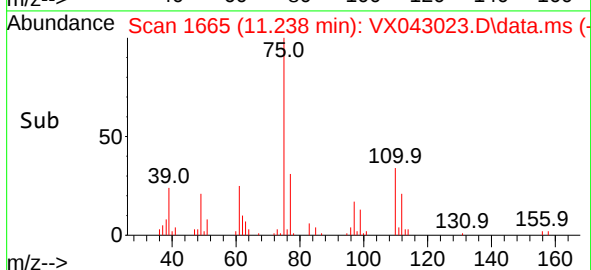
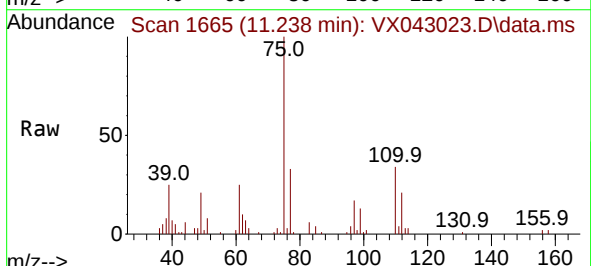
Manual Integrations
APPROVED

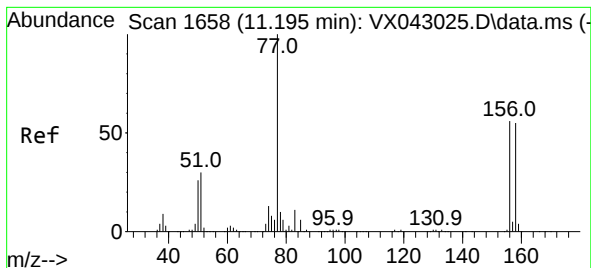
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#76
1,2,3-Trichloropropane
Concen: 3.818 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 75 Resp: 9739
Ion Ratio Lower Upper
75 100
77 48.1 19.1 57.5





#77

Bromobenzene

Concen: 5.176 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

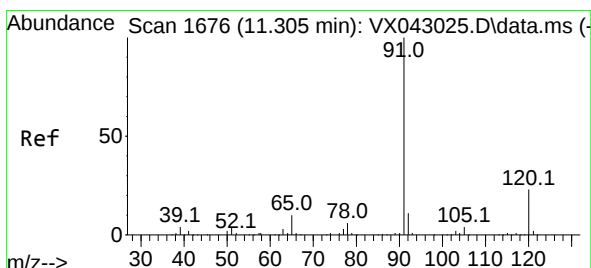
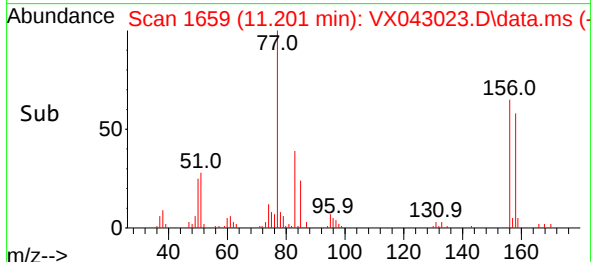
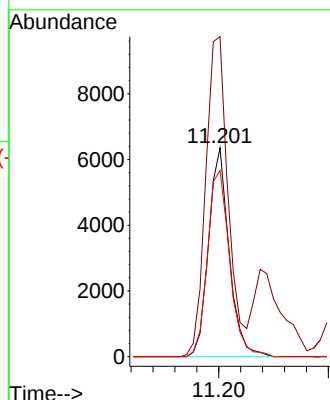
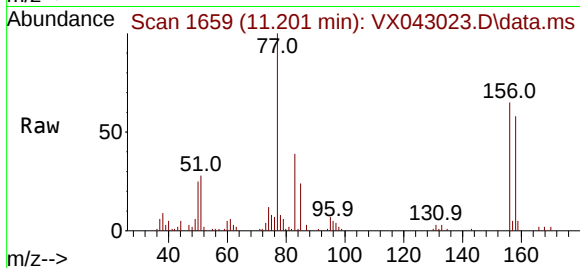
Tgt Ion:	156	Resp:	8279
Ion Ratio	Lower	Upper	
156	100		
77	167.2	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 5.036 ug/l

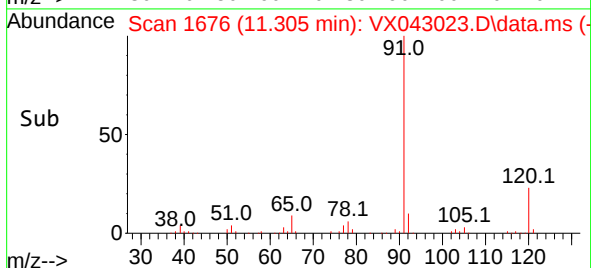
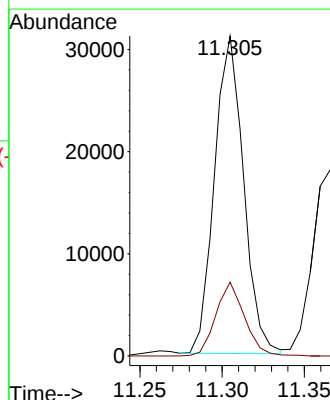
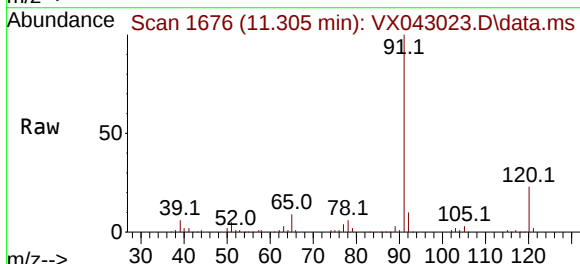
RT: 11.305 min Scan# 1676

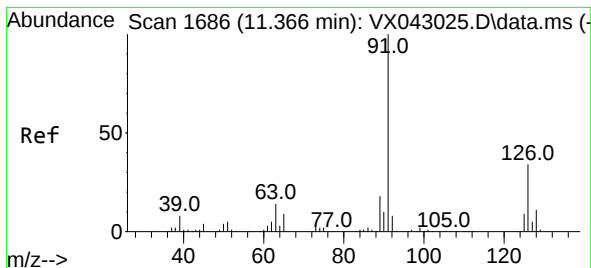
Delta R.T. -0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion:	91	Resp:	38210
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





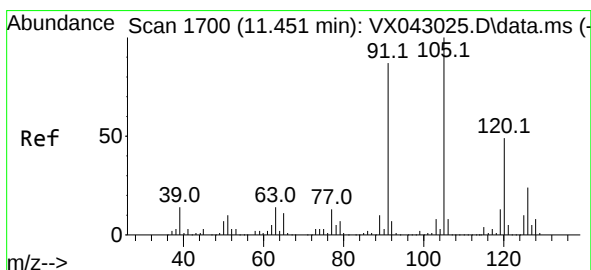
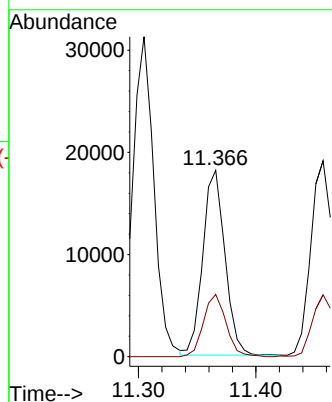
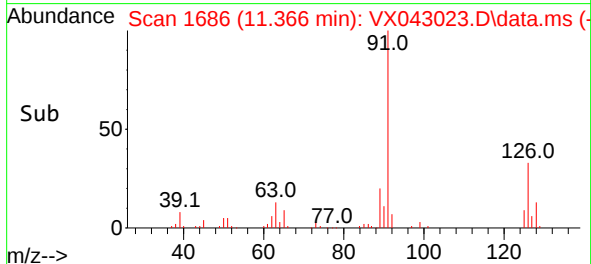
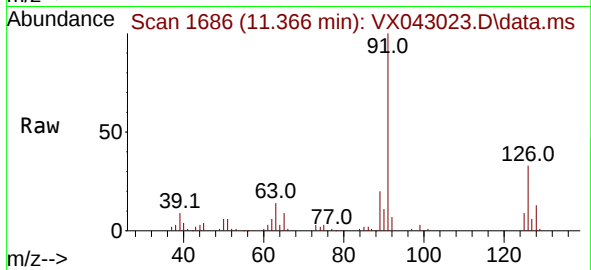
#79
2-Chlorotoluene
Concen: 5.013 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 23679
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

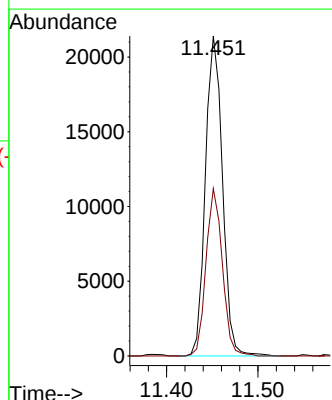
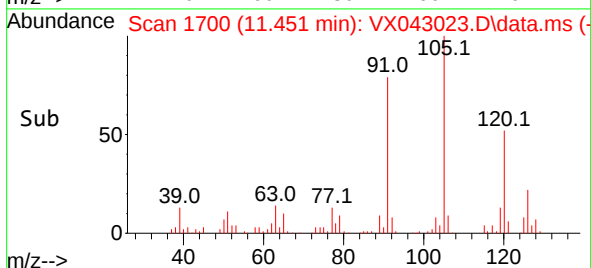
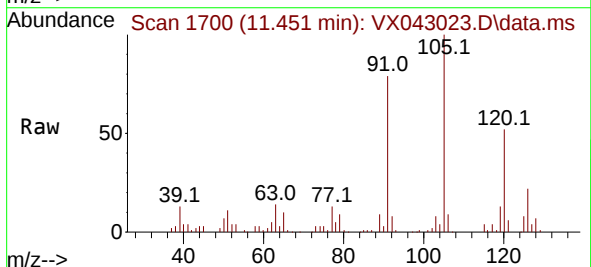
Manual Integrations
APPROVED

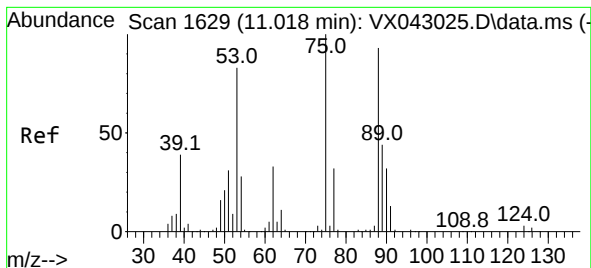
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:105 Resp: 27690
Ion Ratio Lower Upper
105 100
120 50.2 24.1 72.3





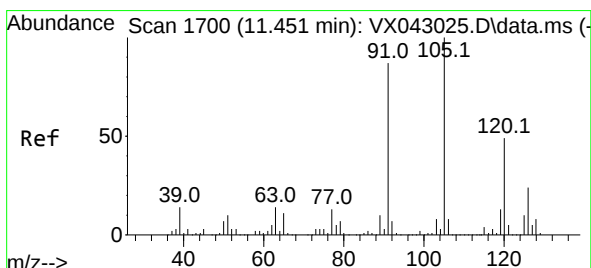
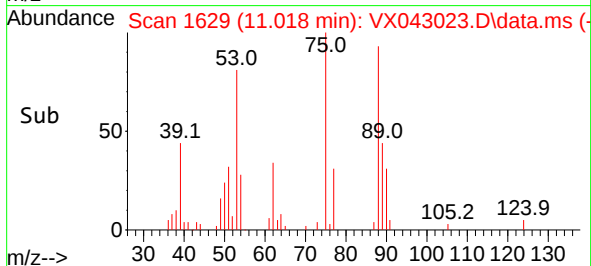
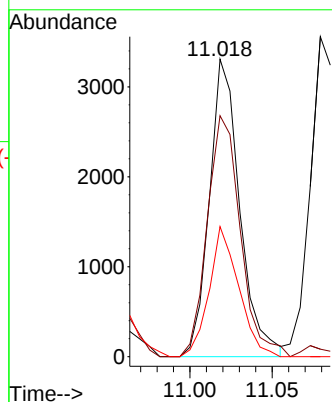
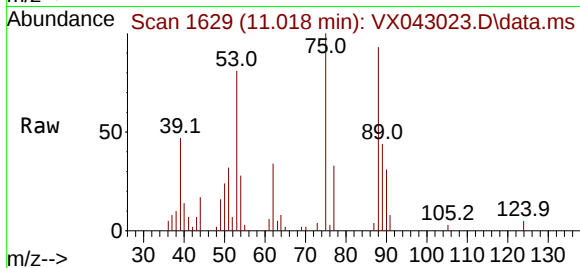
#81
trans-1,4-Dichloro-2-butene
Concen: 4.637 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
53 88.0 90.5 135.7
89 42.5 36.9 55.3

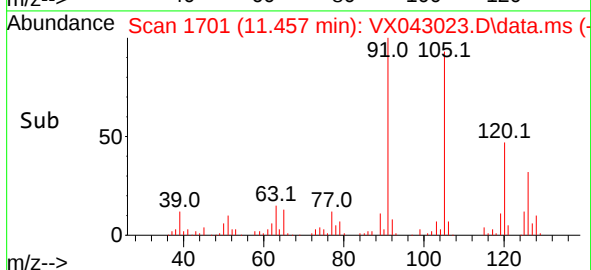
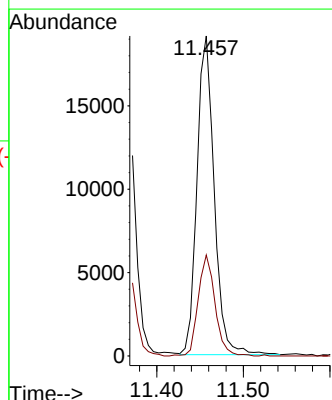
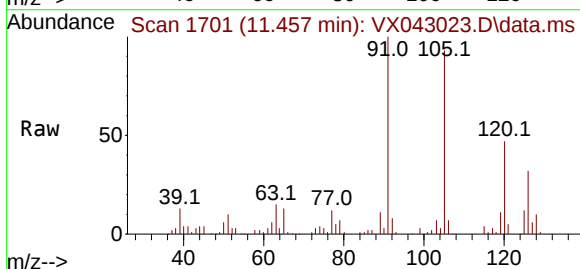
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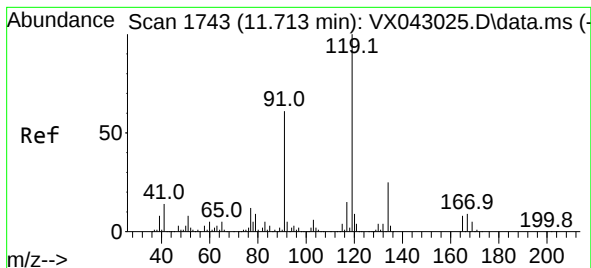
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 5.016 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion: 91 Resp: 26398
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.186 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

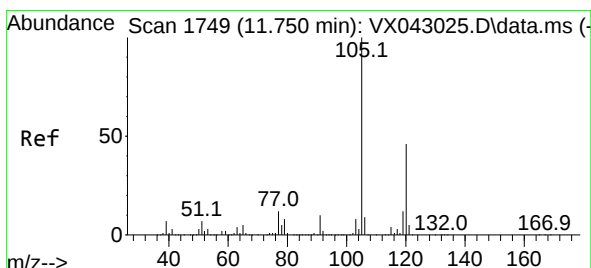
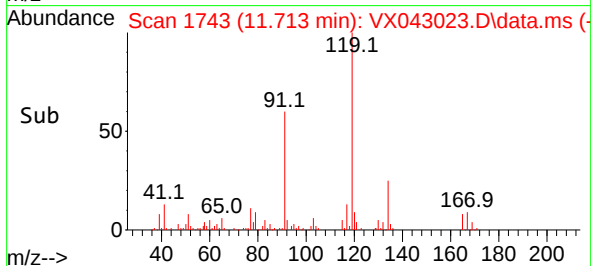
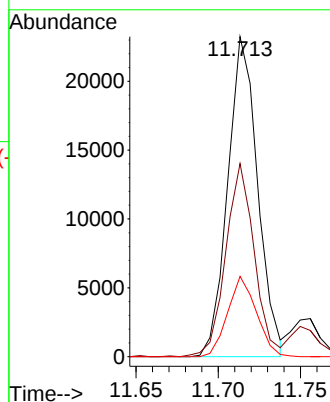
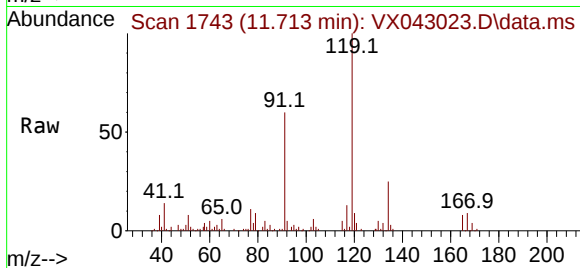
Tgt Ion:	119	Resp:	29430
Ion Ratio	Lower	Upper	
119	100		
91	57.5	31.2	93.6
134	24.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.057 ug/l

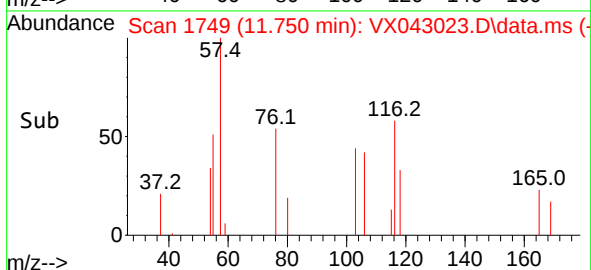
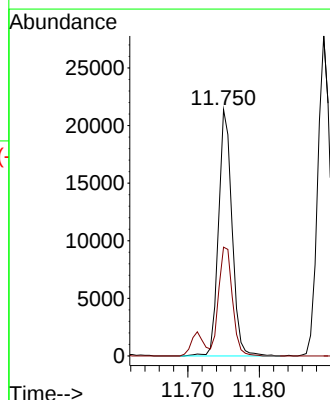
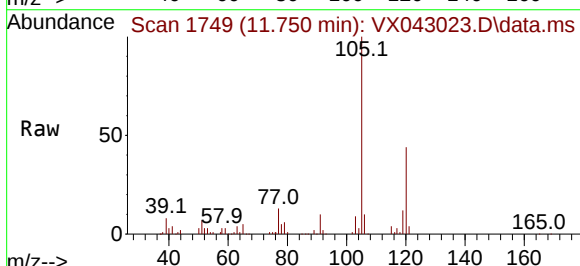
RT: 11.750 min Scan# 1749

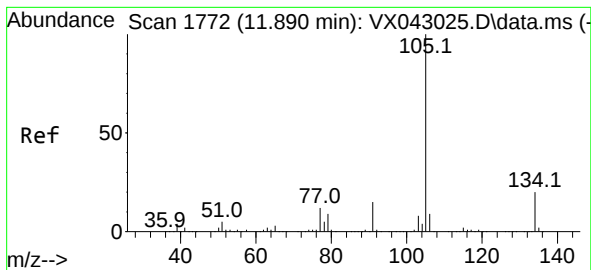
Delta R.T. -0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion:	105	Resp:	27984
Ion Ratio	Lower	Upper	
105	100		
120	45.1	21.2	63.6





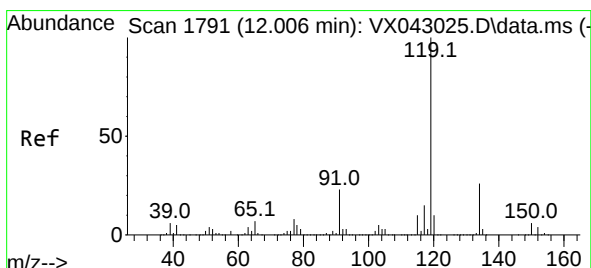
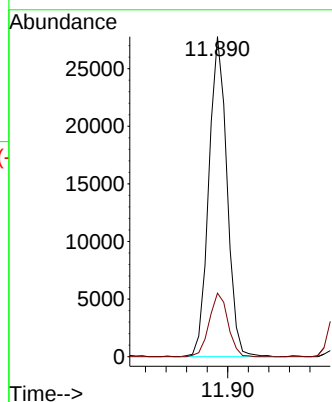
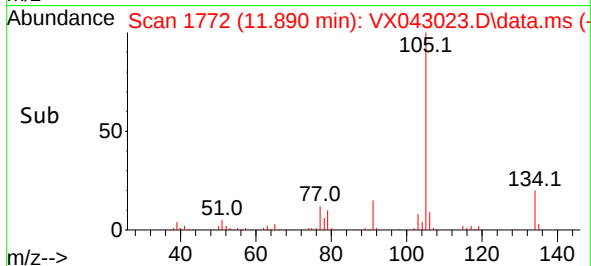
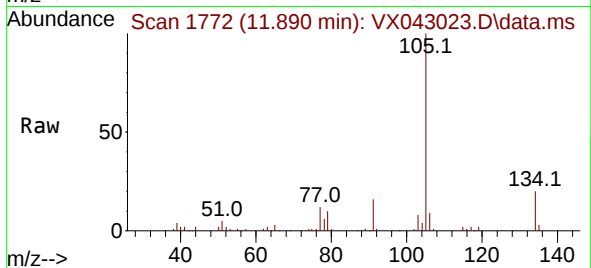
#85
 sec-Butylbenzene
 Concen: 4.941 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion:105 Resp: 3404
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

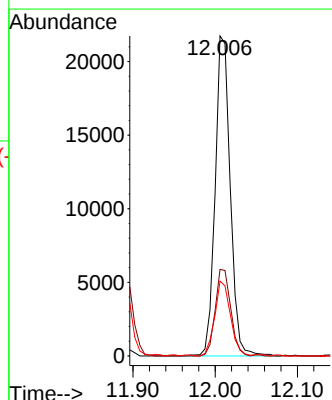
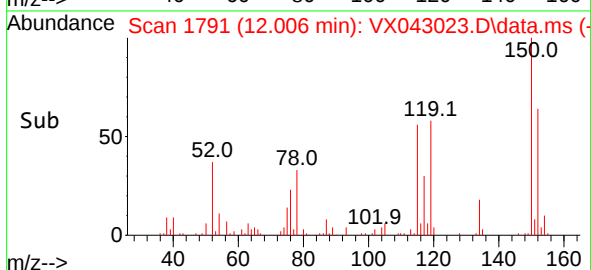
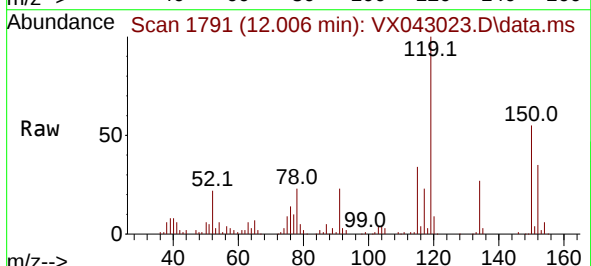
Manual Integrations
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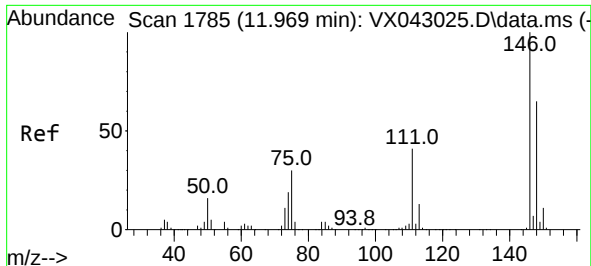
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#86
 p-Isopropyltoluene
 Concen: 4.932 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043023.D
 Acq: 14 Aug 2024 11:43

Tgt Ion:119 Resp: 27766
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.080 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

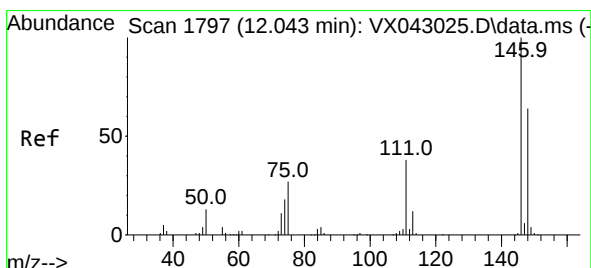
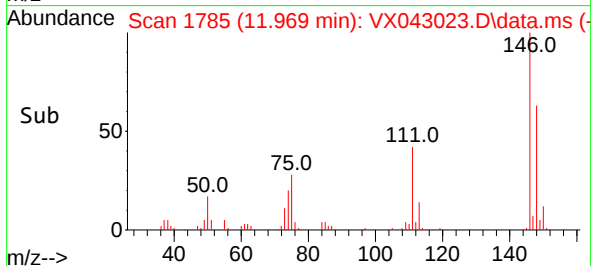
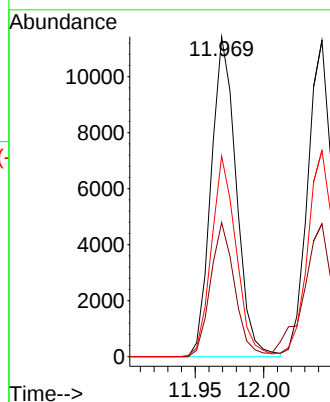
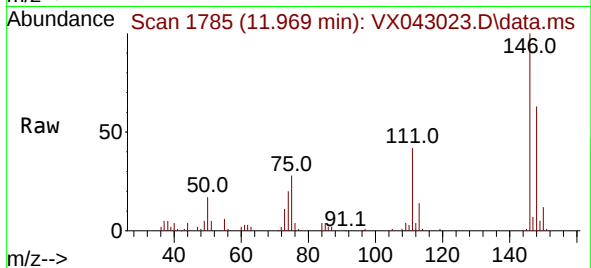
Tgt Ion:146	Resp:	1461
Ion Ratio	Lower	Upper
146	100	
111	40.4	22.1 66.1
148	61.5	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

Concen: 4.922 ug/l

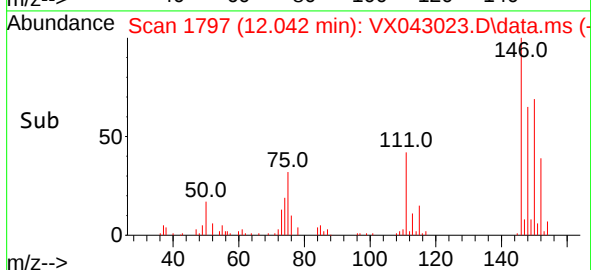
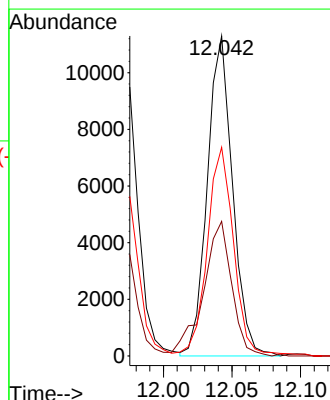
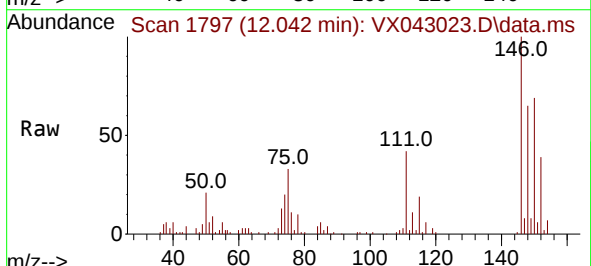
RT: 12.042 min Scan# 1797

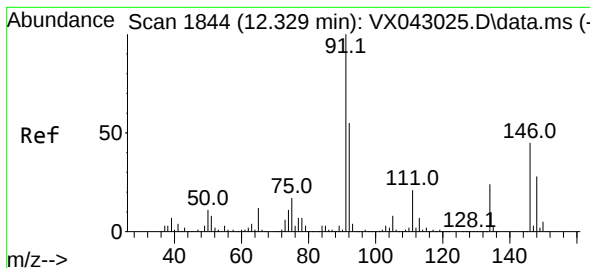
Delta R.T. -0.001 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Tgt Ion:146	Resp:	14483
Ion Ratio	Lower	Upper
146	100	
111	47.2	21.3 63.7
148	68.5	31.8 95.4





#89

n-Butylbenzene

Concen: 4.581 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

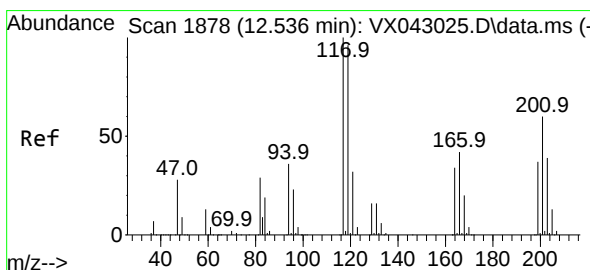
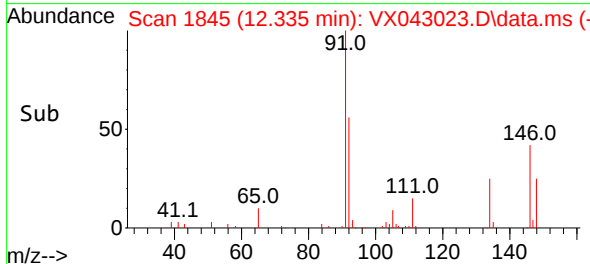
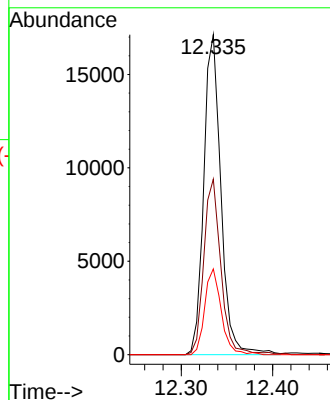
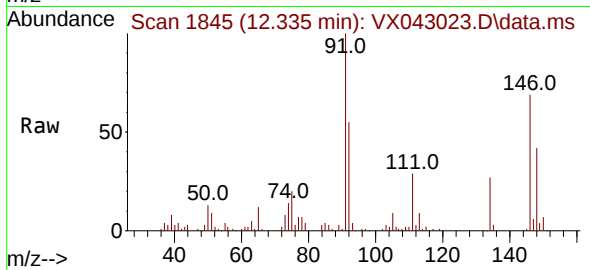
Tgt Ion: 91	Resp: 22320
Ion Ratio	Lower Upper
91	100
92	54.7 27.4 82.0
134	25.8 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#90

Hexachloroethane

Concen: 5.160 ug/l

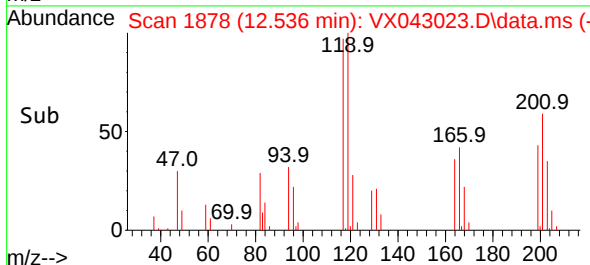
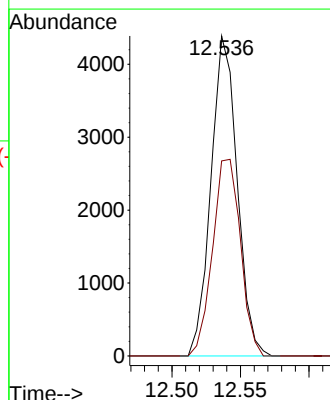
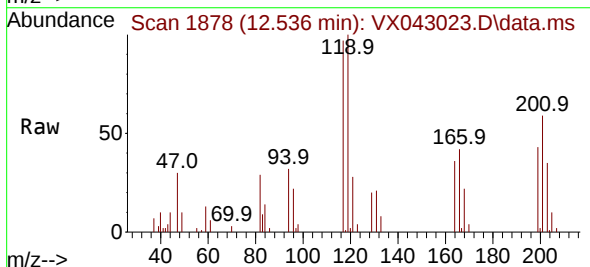
RT: 12.536 min Scan# 1878

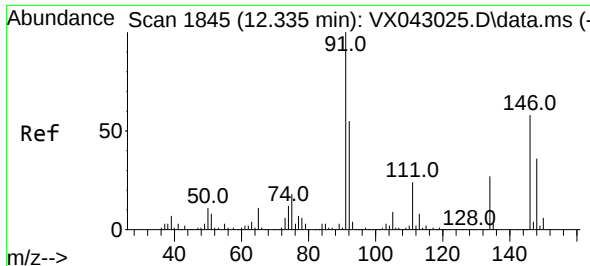
Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

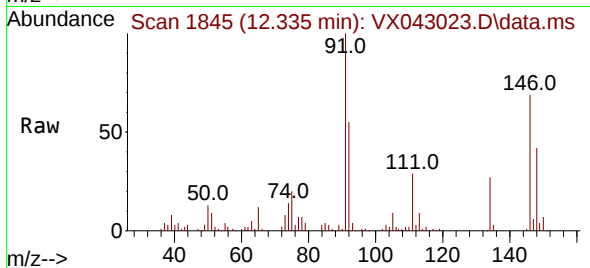
Tgt Ion: 117	Resp: 5834
Ion Ratio	Lower Upper
117	100
201	65.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

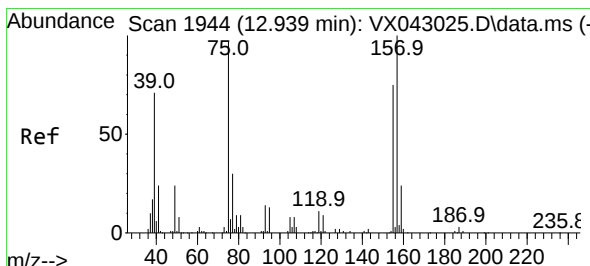
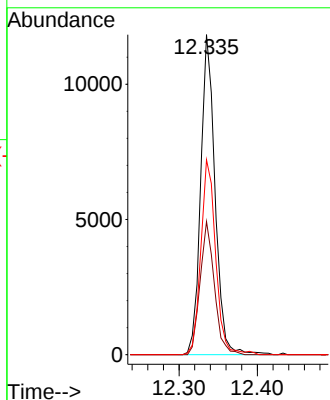
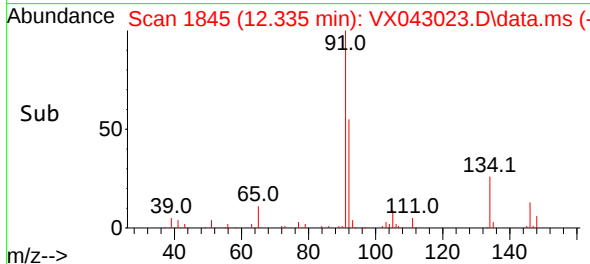
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



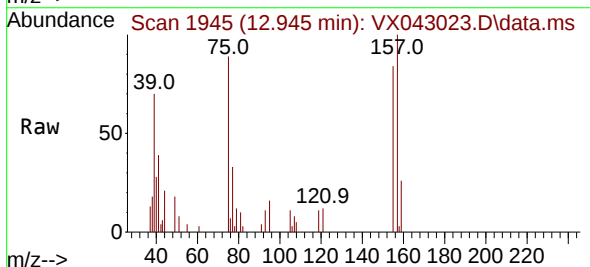
Tgt Ion:146 Resp: 1510
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 63.0 31.6 95.0

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APPROVED

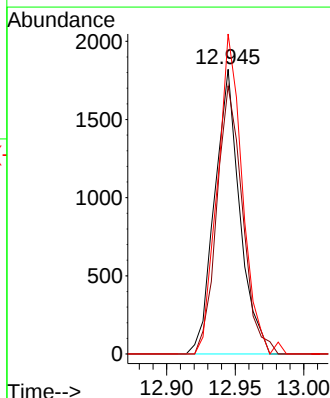
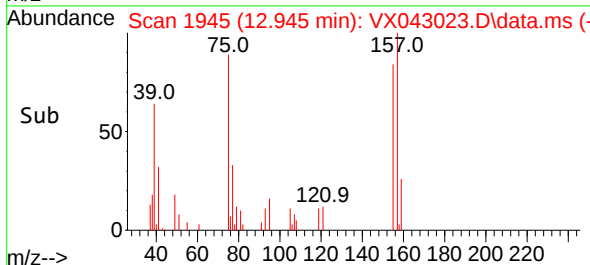
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

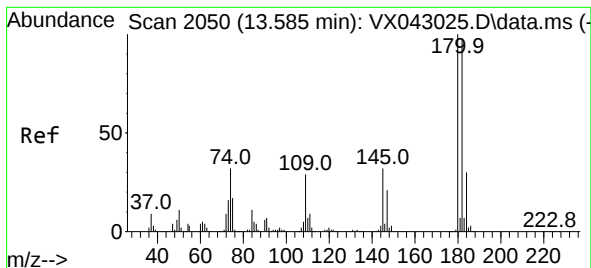


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.635 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43



Tgt Ion: 75 Resp: 2324
Ion Ratio Lower Upper
75 100
155 96.1 36.1 108.5
157 111.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.786 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

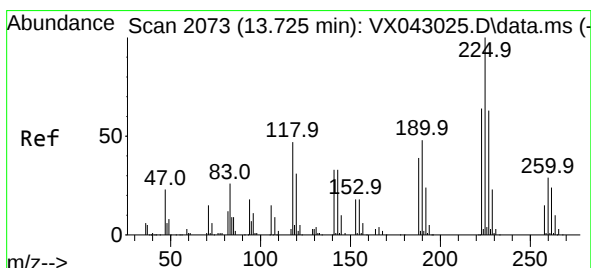
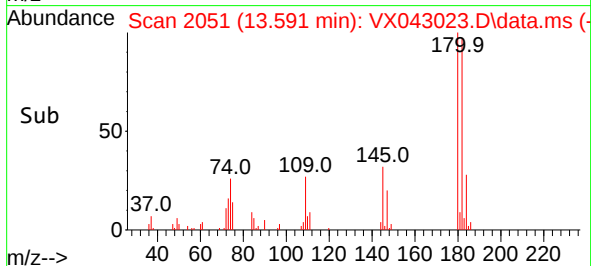
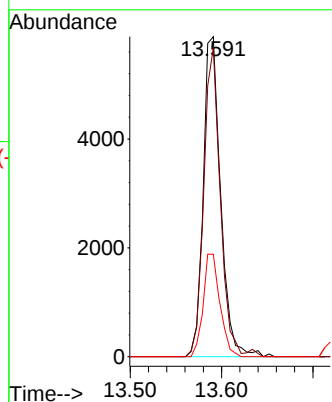
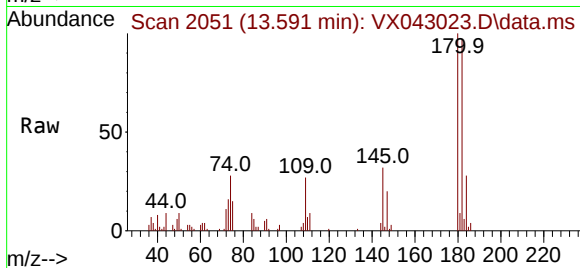
Tgt Ion:180	Resp:	781
Ion Ratio	Lower	Upper
180	100	
182	91.1	48.3 144.8
145	30.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#94

Hexachlorobutadiene

Concen: 4.868 ug/l

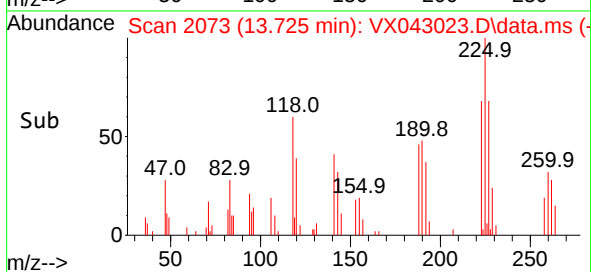
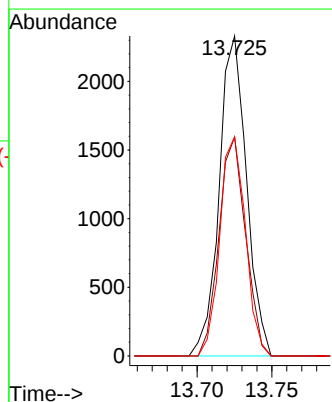
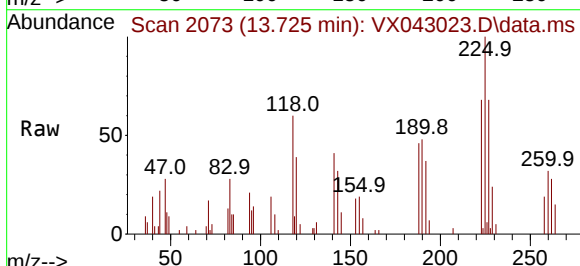
RT: 13.725 min Scan# 2073

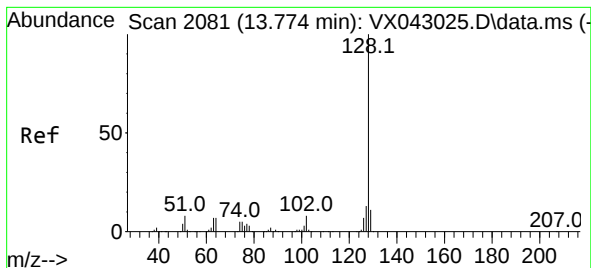
Delta R.T. 0.000 min

Lab File: VX043023.D

Acq: 14 Aug 2024 11:43

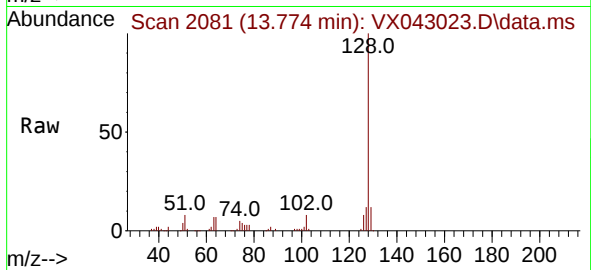
Tgt Ion:225	Resp:	2965
Ion Ratio	Lower	Upper
225	100	
223	66.3	31.1 93.2
227	64.1	32.5 97.5





#95
Naphthalene
Concen: 4.774 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

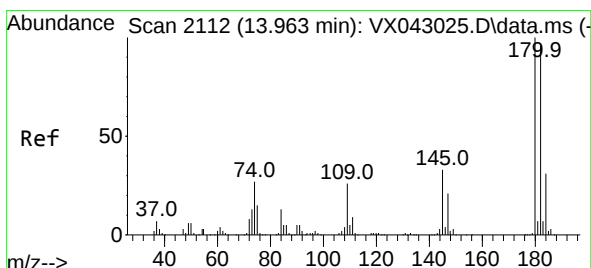
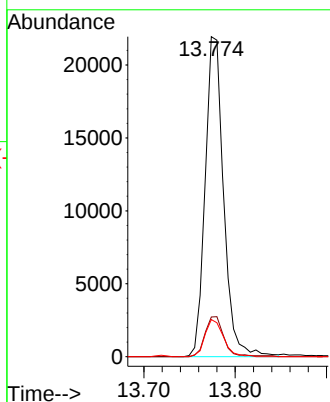
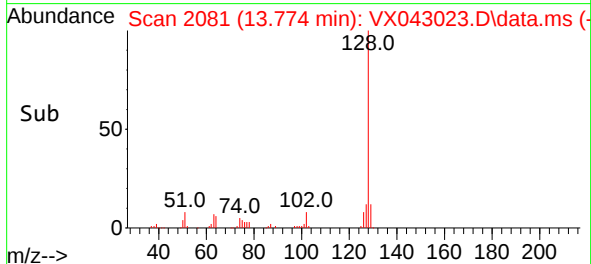
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 3077
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.026 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043023.D
Acq: 14 Aug 2024 11:43

Tgt Ion:180 Resp: 8390
Ion Ratio Lower Upper
180 100
182 92.7 46.9 140.6
145 31.3 17.8 53.5

