

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040181.D
 Acq On : 09 Feb 2024 18:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 10 05:49:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83049	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201078	143.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.980%#			
35) Dibromofluoromethane	5.385	113	156245	144.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 288.320%#			
50) Toluene-d8	8.653	98	583768	143.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 287.980%#			
62) 4-Bromofluorobenzene	11.079	95	252247	152.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 305.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	151473	142.855	ug/l	96
3) Chloromethane	1.295	50	145546	133.113	ug/l	98
4) Vinyl Chloride	1.374	62	155389	134.481	ug/l	99
5) Bromomethane	1.593	94	78343	120.150	ug/l	100
6) Chloroethane	1.666	64	93459	128.249	ug/l	99
7) Trichlorofluoromethane	1.874	101	253309	136.510	ug/l	98
8) Diethyl Ether	2.136	74	90405	129.695	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	134177	134.803	ug/l	97
10) Methyl Iodide	2.447	142	160430	145.178	ug/l	92
11) Tert butyl alcohol	2.983	59	188706	693.739	ug/l	# 91
12) 1,1-Dichloroethene	2.313	96	133033	138.814	ug/l	90
13) Acrolein	2.239	56	167695	696.529	ug/l	100
14) Allyl chloride	2.660	41	227771	136.953	ug/l	97
15) Acrylonitrile	3.069	53	425224	698.666	ug/l	99
16) Acetone	2.386	43	374125	652.303	ug/l	95
17) Carbon Disulfide	2.502	76	342403	135.332	ug/l	99
18) Methyl Acetate	2.703	43	209080	135.985	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	487977	144.531	ug/l	100
20) Methylene Chloride	2.788	84	153561	145.876	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	144992	132.841	ug/l	93
22) Diisopropyl ether	3.764	45	496469	147.192	ug/l	91
23) Vinyl Acetate	3.727	43	2280011	758.279	ug/l	98
24) 1,1-Dichloroethane	3.605	63	274598	139.763	ug/l	99
25) 2-Butanone	4.562	43	628526	701.066	ug/l	95
26) 2,2-Dichloropropane	4.477	77	231833	153.283	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	175490	140.940	ug/l	95
28) Bromochloromethane	4.898	49	123468	148.013	ug/l	90
29) Tetrahydrofuran	5.007	42	418666	716.792	ug/l	95
30) Chloroform	5.093	83	304647	143.414	ug/l	98
31) Cyclohexane	5.471	56	230078	138.129	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	267658	149.776	ug/l	99
36) 1,1-Dichloropropene	5.690	75	214386	141.207	ug/l	98
37) Ethyl Acetate	4.715	43	242565	143.586	ug/l	99
38) Carbon Tetrachloride	5.678	117	220387	152.671	ug/l	97
39) Methylcyclohexane	7.379	83	250754	142.119	ug/l	95
40) Benzene	6.038	78	606226	142.787	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	138933	157.321	ug/l	95
42) 1,2-Dichloroethane	6.086	62	246272	148.400	ug/l	100
43) Isopropyl Acetate	6.342	43	403620	153.052	ug/l	98
44) Trichloroethene	7.123	130	164923	140.823	ug/l	98
45) 1,2-Dichloropropane	7.428	63	159415	144.257	ug/l	98
46) Dibromomethane	7.580	93	122161	150.098	ug/l	96
47) Bromodichloromethane	7.824	83	241548	154.029	ug/l	98
48) Methyl methacrylate	7.696	41	207027	153.424	ug/l	92
49) 1,4-Dioxane	7.665	88	81505	2776.505	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	1348005	748.688	ug/l	99
52) Toluene	8.720	92	404835	145.573	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	276405	148.776	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	279383	158.965	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	176617	148.903	ug/l	95
56) Ethyl methacrylate	9.116	69	285894	161.005	ug/l	97
57) 1,3-Dichloropropane	9.311	76	285062	147.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	634090	754.868	ug/l	99
59) 2-Hexanone	9.433	43	1076888	754.379	ug/l	99
60) Dibromochloromethane	9.525	129	198405	164.182	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192055	152.330	ug/l	100
64) Tetrachloroethene	9.275	164	141760	131.266	ug/l	98
65) Chlorobenzene	10.080	112	448522	139.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170942	153.457	ug/l	99
67) Ethyl Benzene	10.195	91	815875	142.430	ug/l	100
68) m/p-Xylenes	10.305	106	615679	284.587	ug/l	98
69) o-Xylene	10.640	106	309132	147.042	ug/l	96
70) Styrene	10.653	104	542262	155.140	ug/l	99
71) Bromoform	10.799	173	157497	148.670	ug/l #	100
73) Isopropylbenzene	10.964	105	845205	144.494	ug/l	98
74) N-amyl acetate	10.842	43	408274	162.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	298998	142.276	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	239996m	142.704	ug/l	
77) Bromobenzene	11.201	156	206464	149.444	ug/l	96
78) n-propylbenzene	11.305	91	1008856	142.458	ug/l	100
79) 2-Chlorotoluene	11.366	91	607222	141.996	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	724512	147.124	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	94136	149.572	ug/l	92
82) 4-Chlorotoluene	11.457	91	721694	142.437	ug/l	99
83) tert-Butylbenzene	11.713	119	712199	147.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	728406	146.203	ug/l	99
85) sec-Butylbenzene	11.890	105	901200	145.244	ug/l	100
86) p-Isopropyltoluene	12.012	119	749861	147.433	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	397510	145.216	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	395435	136.410	ug/l	98
89) n-Butylbenzene	12.335	91	717666	146.174	ug/l	98
90) Hexachloroethane	12.536	117	136831	170.557	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	369087	139.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	75756	156.187	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	256800	141.549	ug/l	97
94) Hexachlorobutadiene	13.725	225	98755	136.390	ug/l	99
95) Naphthalene	13.774	128	843731	147.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	250349	144.769	ug/l	98

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

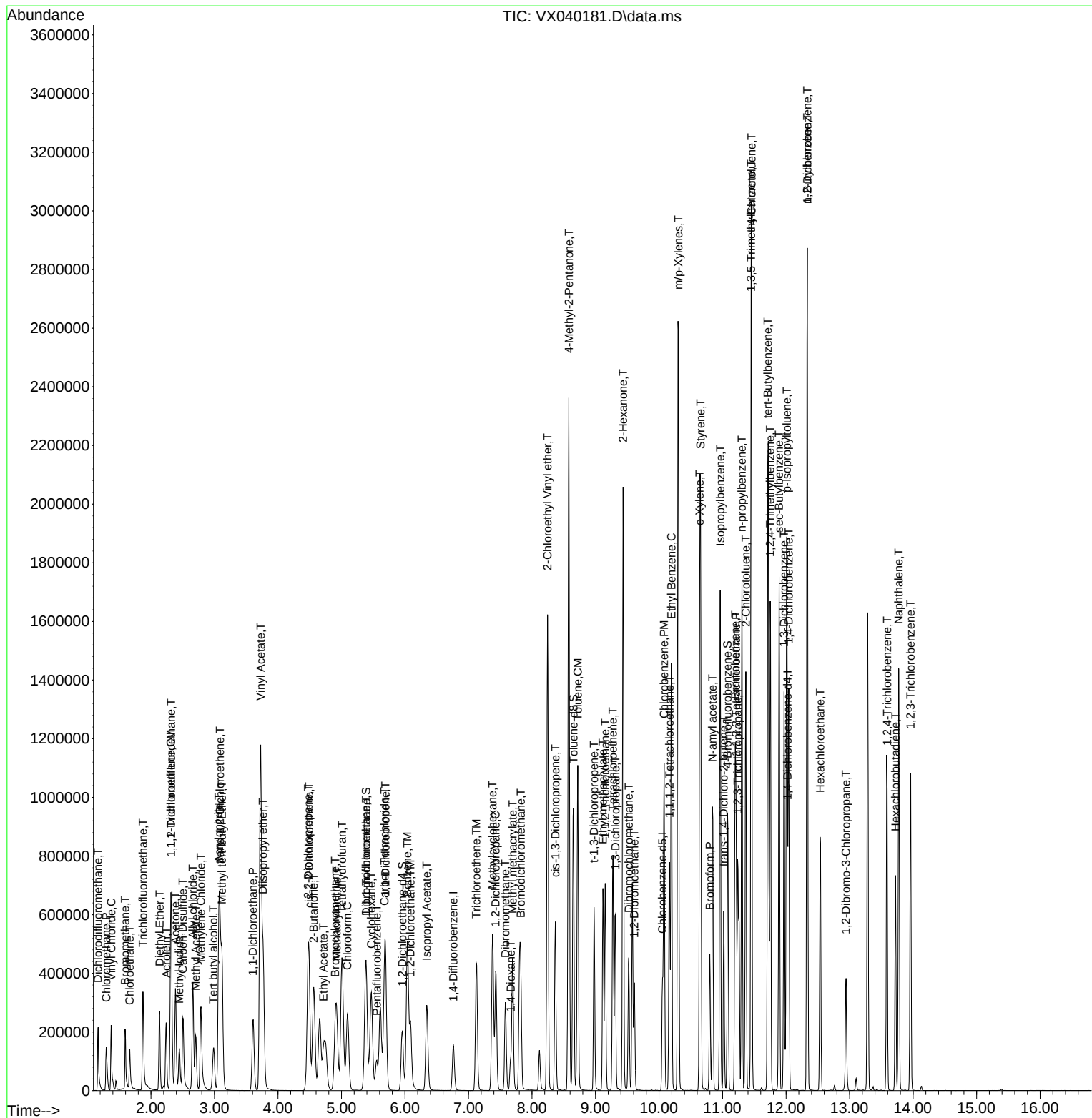
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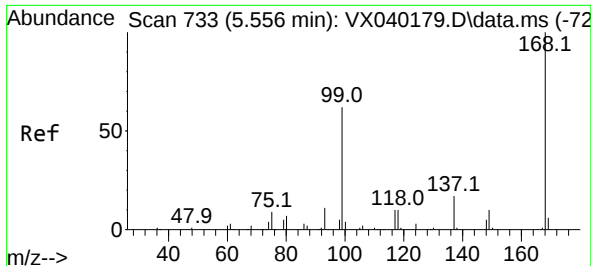
Instrument :
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Manual Integrations
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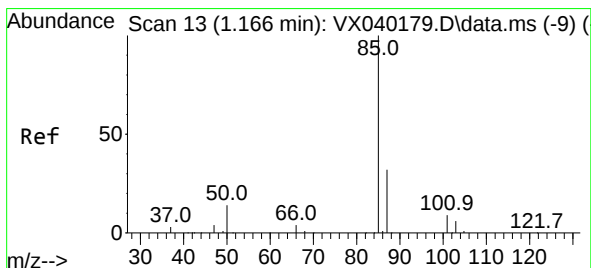
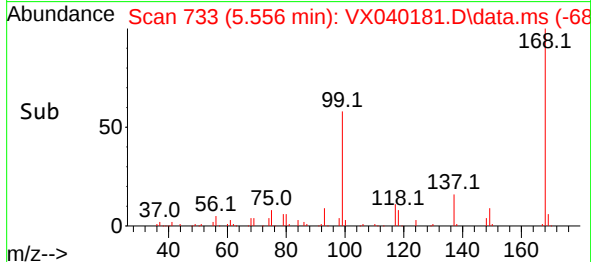
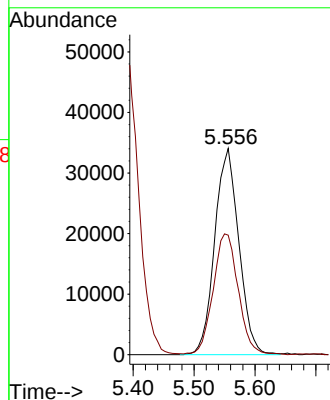
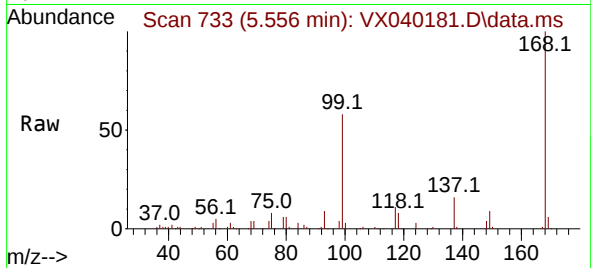
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 9386
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0

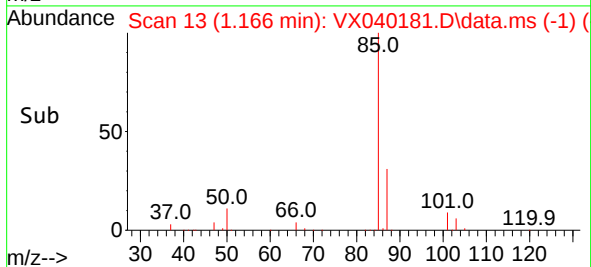
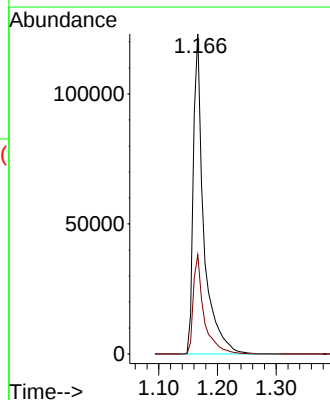
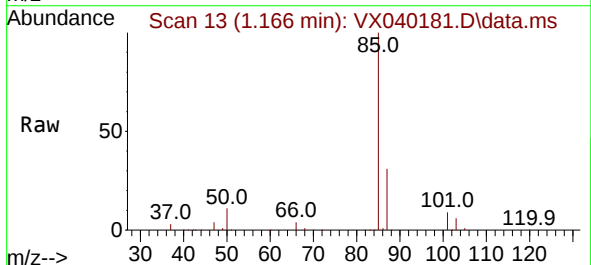
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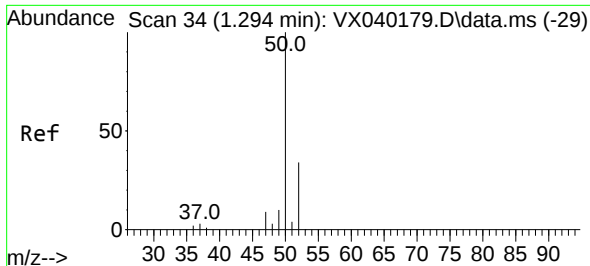
Reviewed By :John Carlone 02/12/2024
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#2
Dichlorodifluoromethane
Concen: 142.855 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 85 Resp: 151473
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





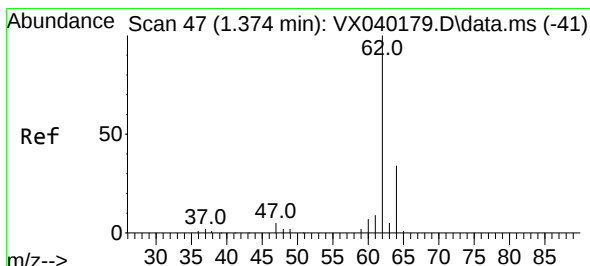
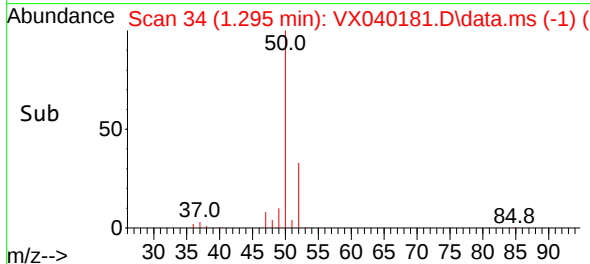
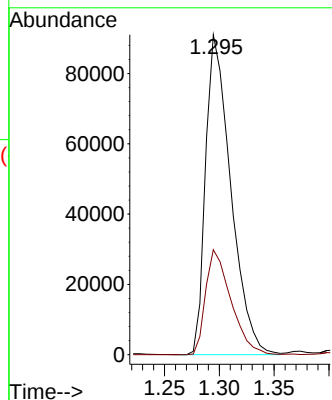
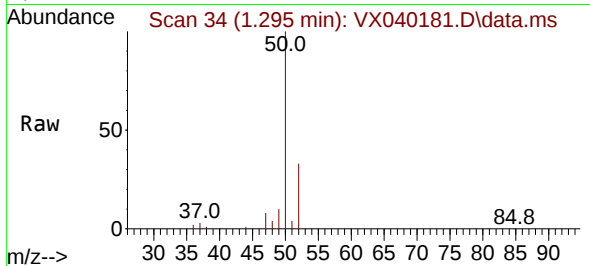
#3
Chloromethane
Concen: 133.113 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 145540
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

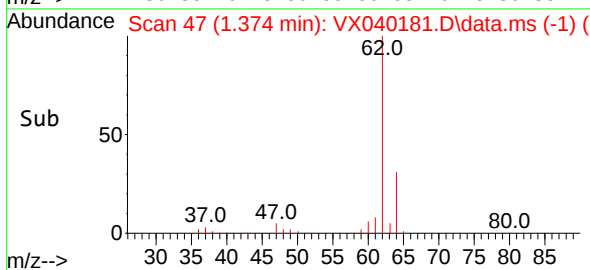
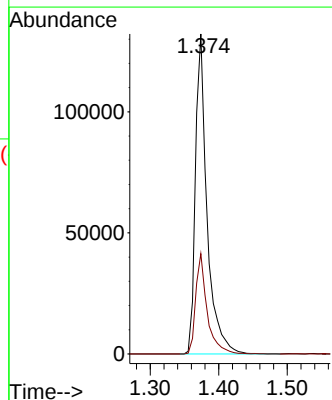
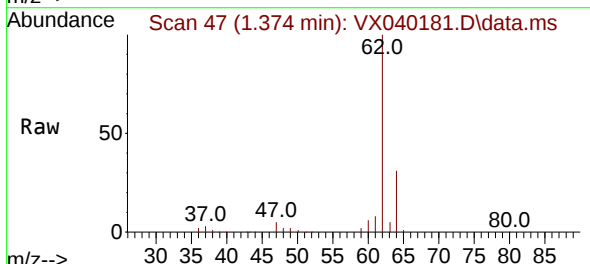
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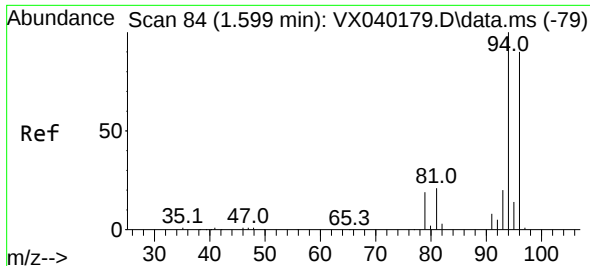
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 134.481 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 62 Resp: 155389
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





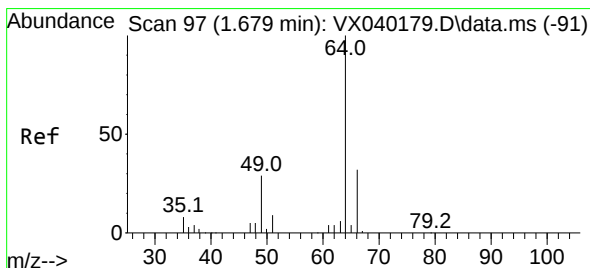
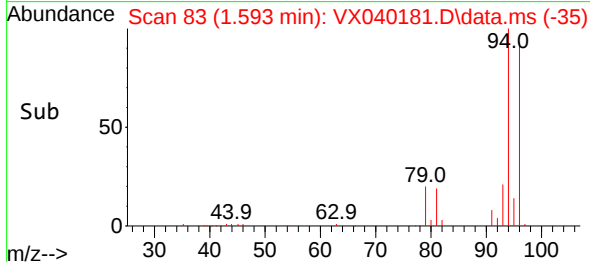
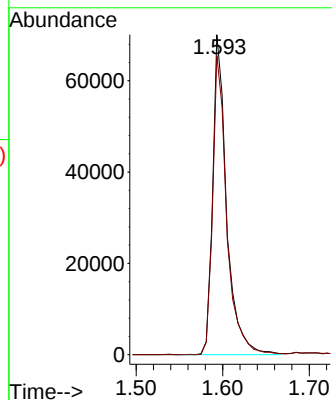
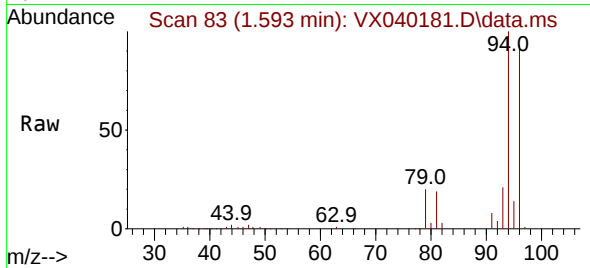
#5
Bromomethane
Concen: 120.150 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 7834
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

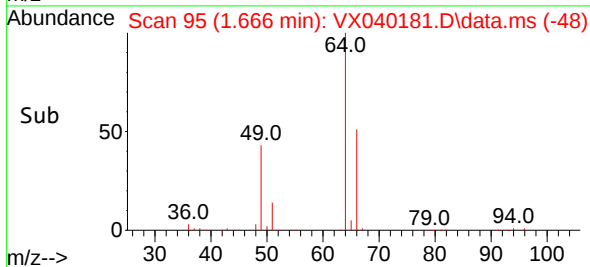
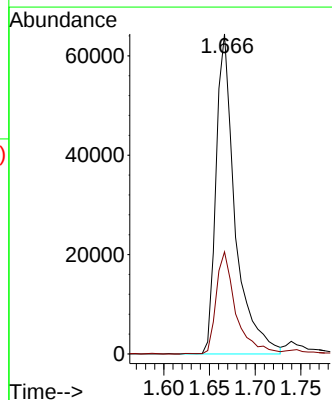
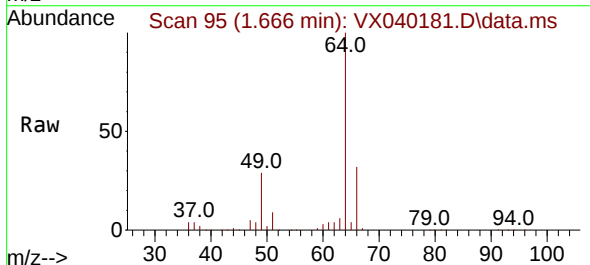
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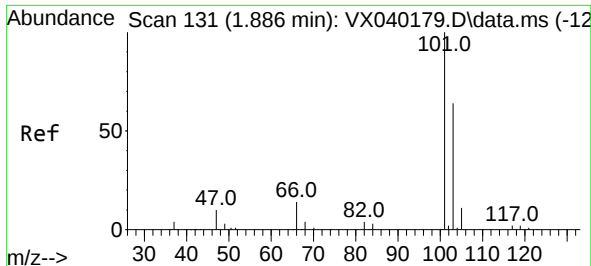
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 128.249 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 64 Resp: 93459
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7





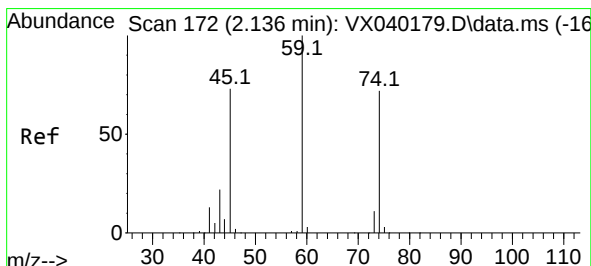
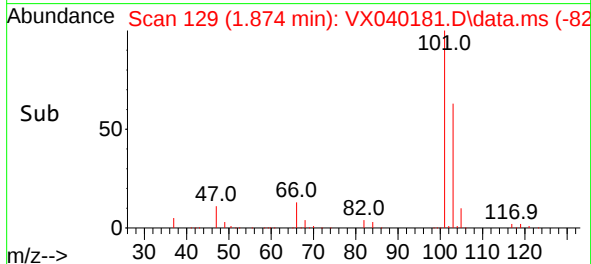
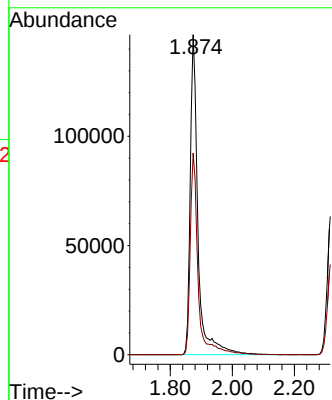
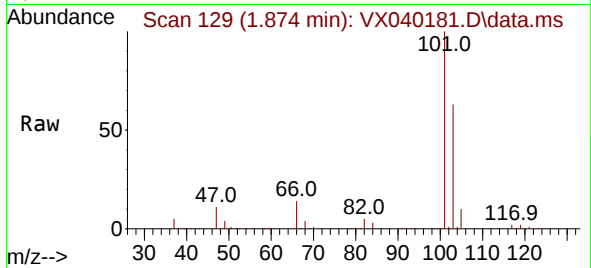
#7
Trichlorofluoromethane
Concen: 136.510 ug/l
RT: 1.874 min Scan# 101
Delta R.T. -0.012 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 253309
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

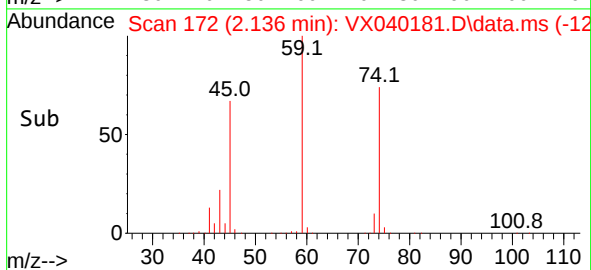
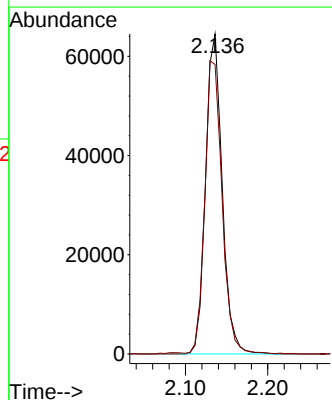
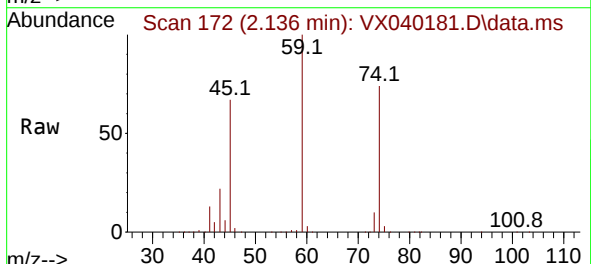
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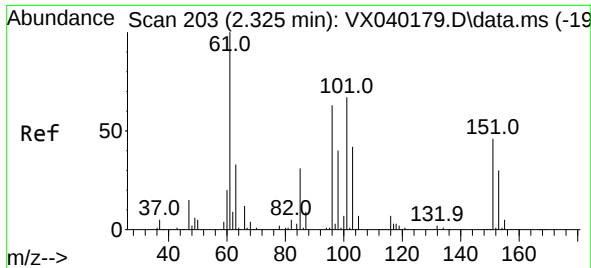
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#8
Diethyl Ether
Concen: 129.695 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 74 Resp: 90405
Ion Ratio Lower Upper
74 100
45 95.2 53.3 159.8





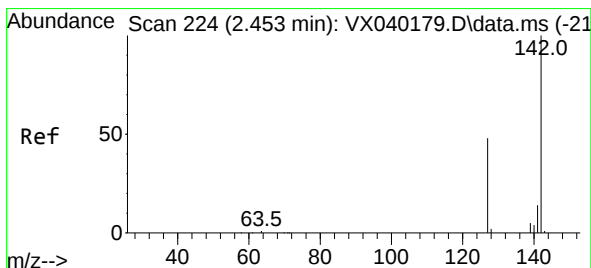
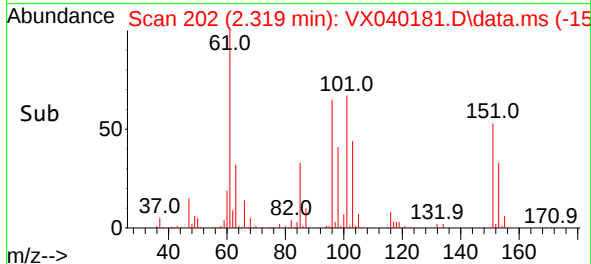
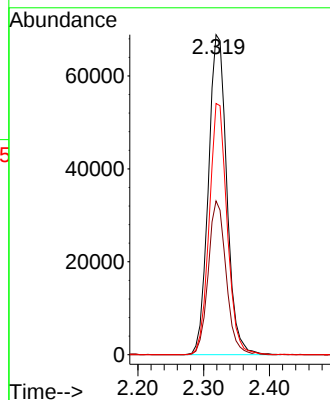
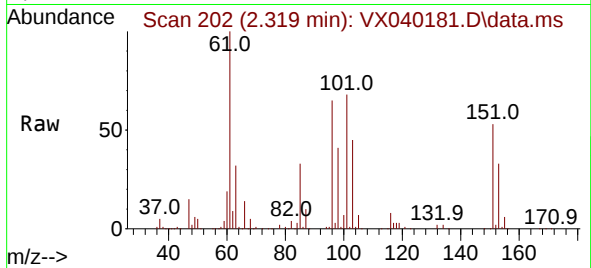
#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.803 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 13417
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 76.3 58.6 87.8

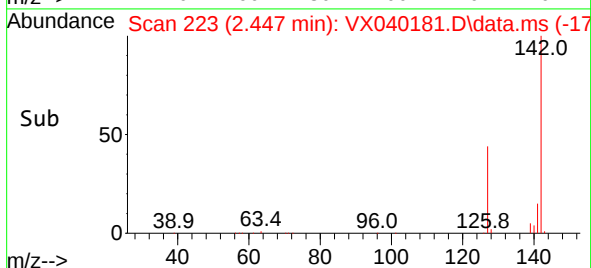
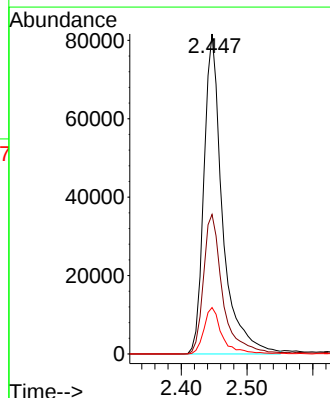
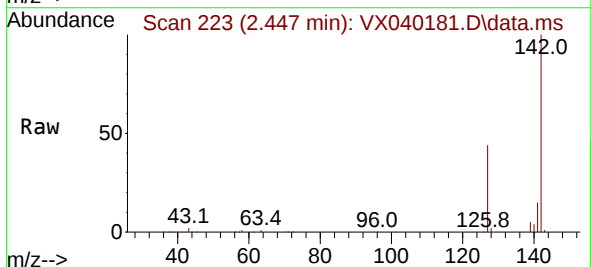
Manual Integrations
APPROVED

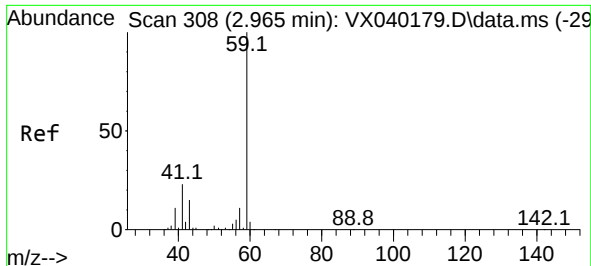
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
Methyl Iodide
Concen: 145.178 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion:142 Resp: 160430
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 14.1 11.6 17.4





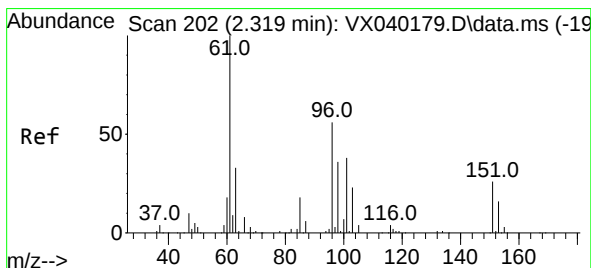
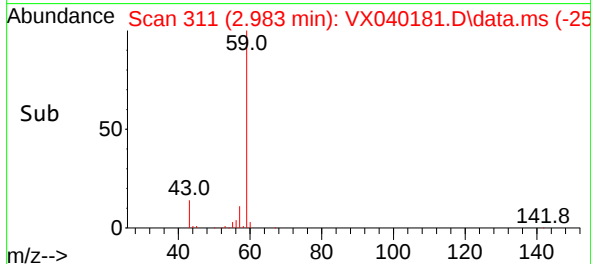
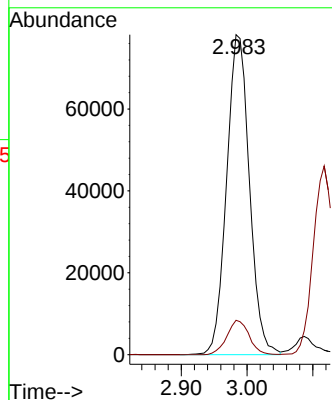
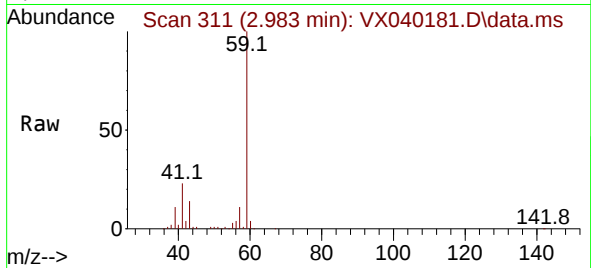
#11
Tert butyl alcohol
Concen: 693.739 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 188700
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

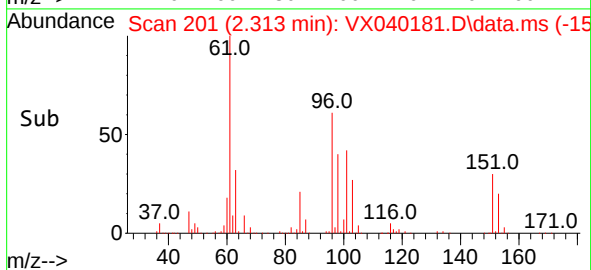
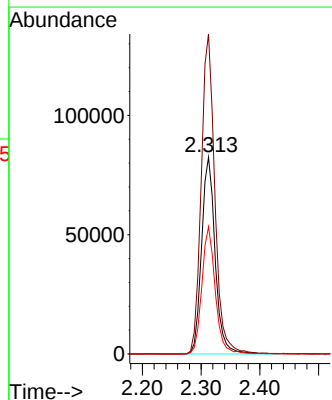
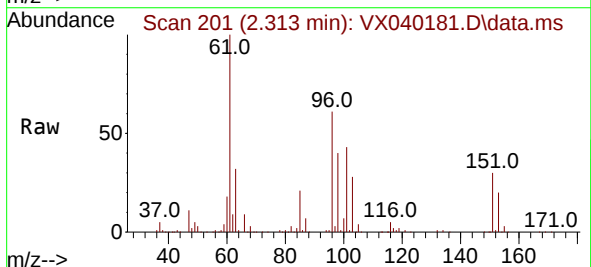
Manual Integrations
APPROVED

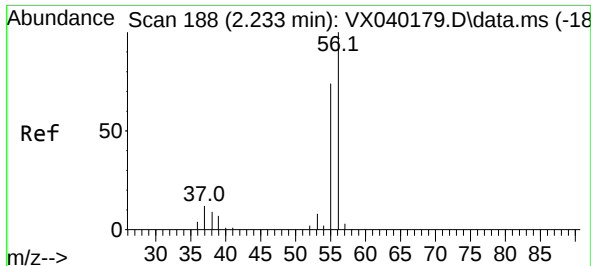
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
1,1-Dichloroethene
Concen: 138.814 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 96 Resp: 133033
Ion Ratio Lower Upper
96 100
61 162.6 144.6 216.8
98 64.6 50.4 75.6





#13

Acrolein

Concen: 696.529 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 16769

Ion Ratio Lower Upper

56 100

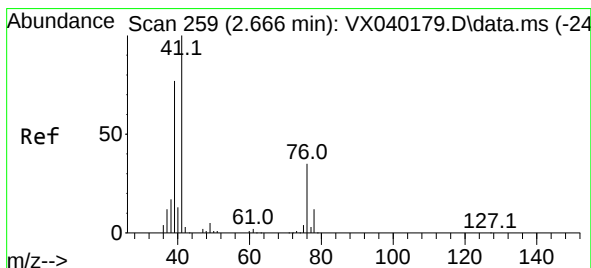
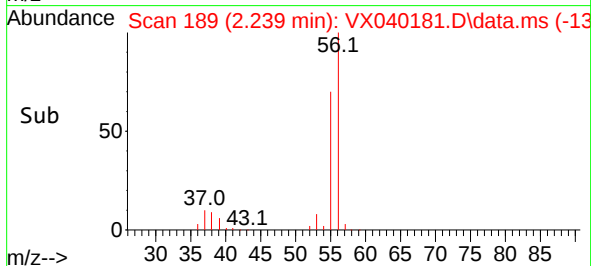
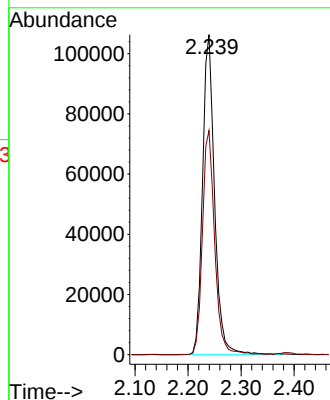
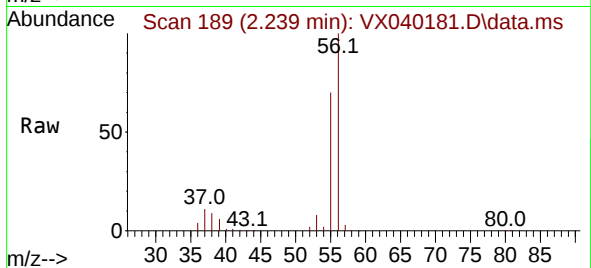
55 71.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Allyl chloride

Concen: 136.953 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

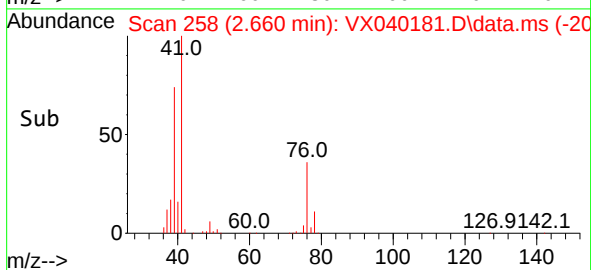
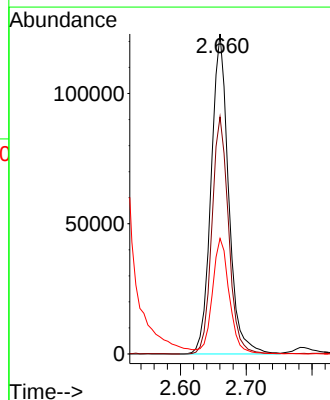
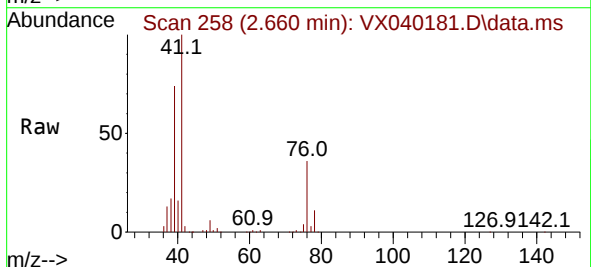
Tgt Ion: 41 Resp: 227771

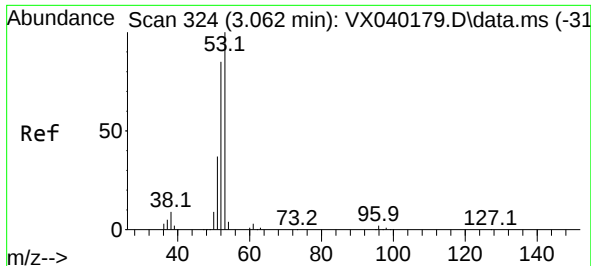
Ion Ratio Lower Upper

41 100

39 70.8 55.8 83.6

76 34.7 24.3 36.5





#15

Acrylonitrile

Concen: 698.666 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 53 Resp: 425224

Ion Ratio Lower Upper

53 100

52 83.9 66.0 99.0

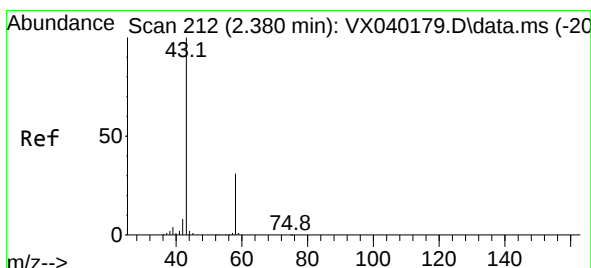
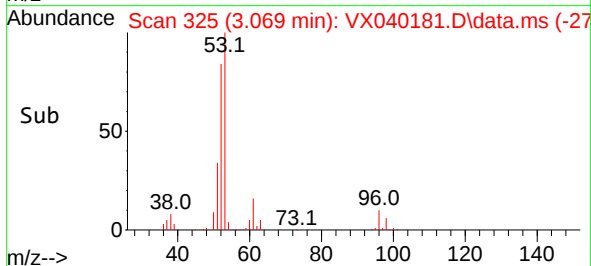
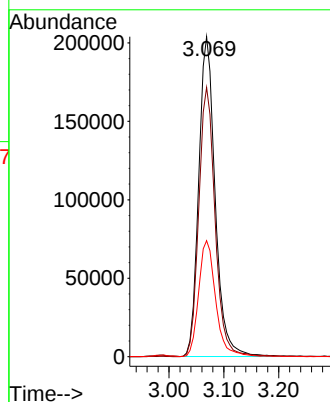
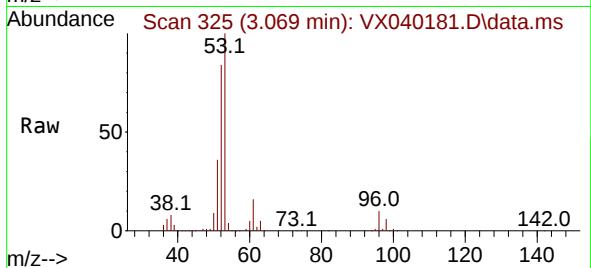
51 37.9 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Acetone

Concen: 652.303 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX040181.D

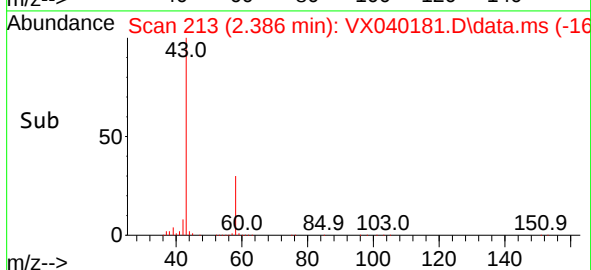
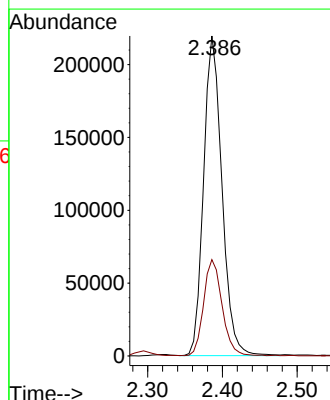
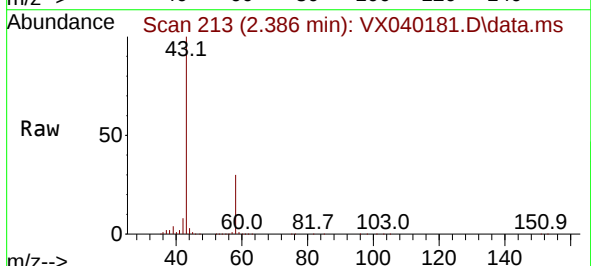
Acq: 09 Feb 2024 18:05

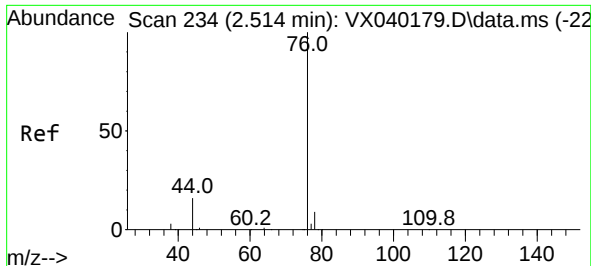
Tgt Ion: 43 Resp: 374125

Ion Ratio Lower Upper

43 100

58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 135.332 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 34240

Ion Ratio Lower Upper

76 100

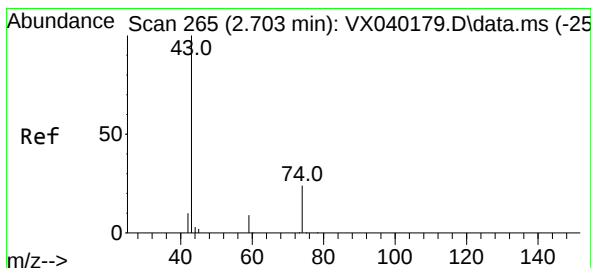
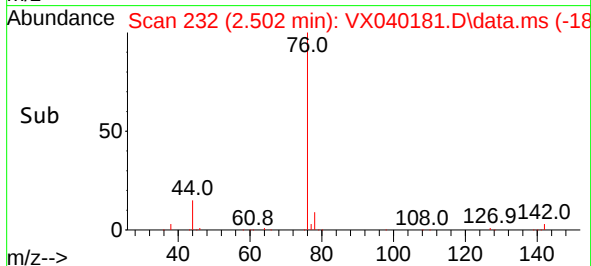
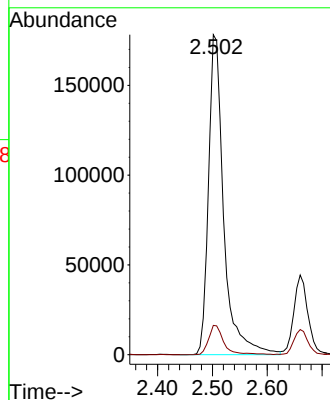
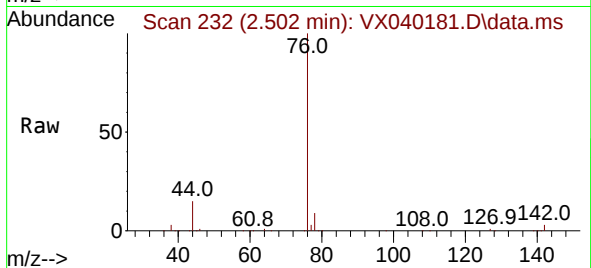
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#18

Methyl Acetate

Concen: 135.985 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040181.D

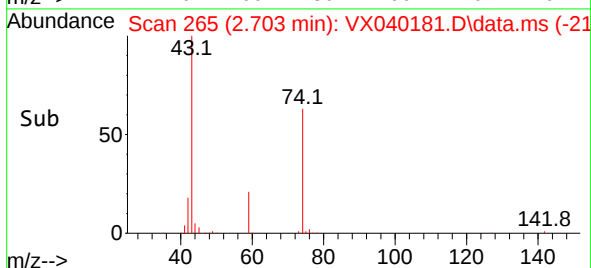
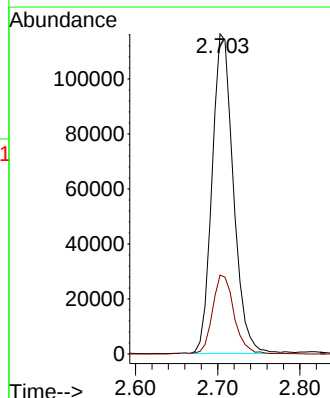
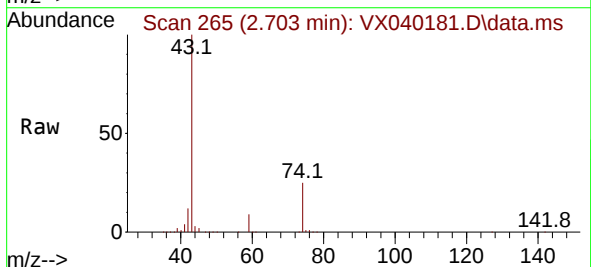
Acq: 09 Feb 2024 18:05

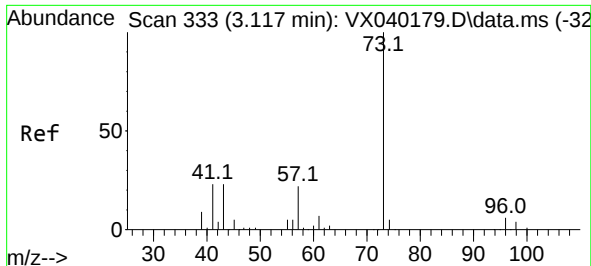
Tgt Ion: 43 Resp: 209080

Ion Ratio Lower Upper

43 100

74 25.2 17.8 26.8





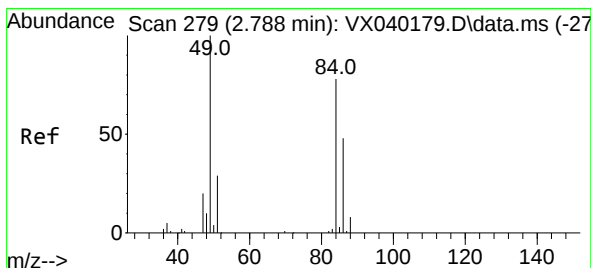
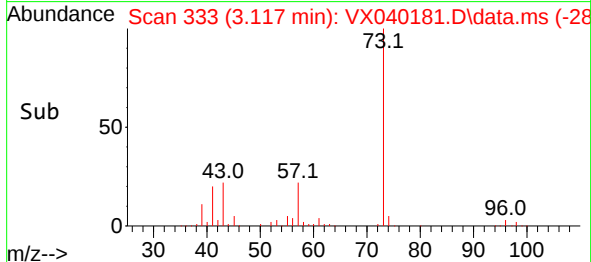
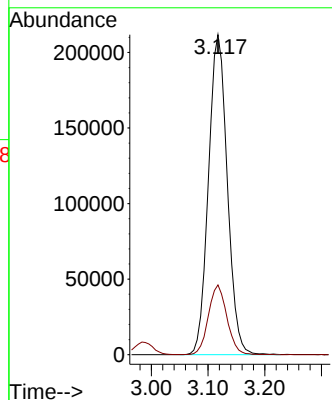
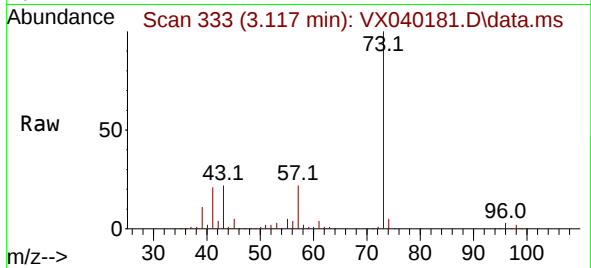
#19
Methyl tert-butyl Ether
Concen: 144.531 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 48797
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

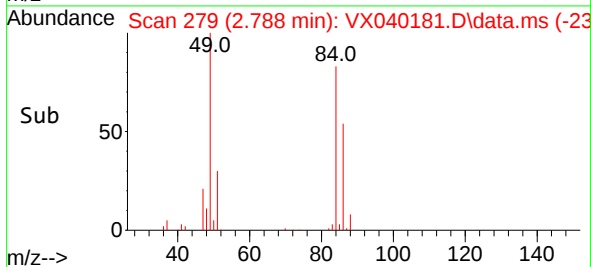
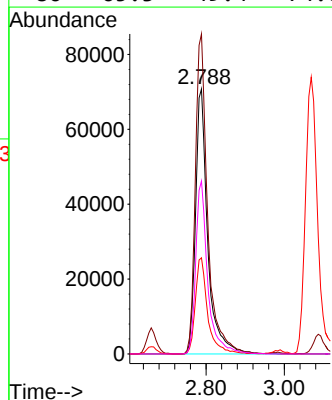
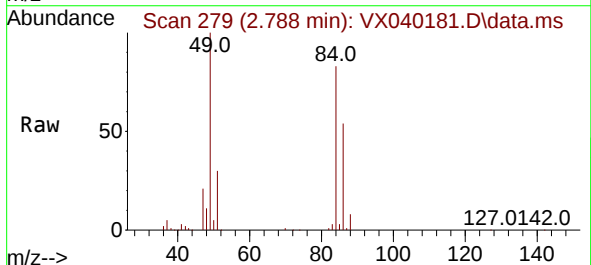
Manual Integrations
APPROVED

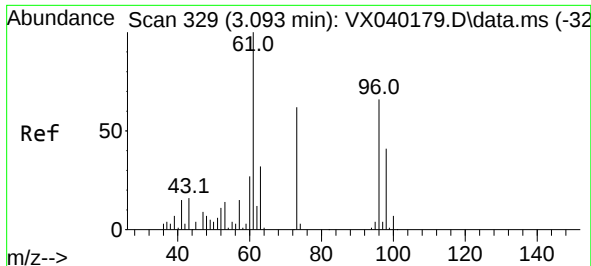
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Methylene Chloride
Concen: 145.876 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

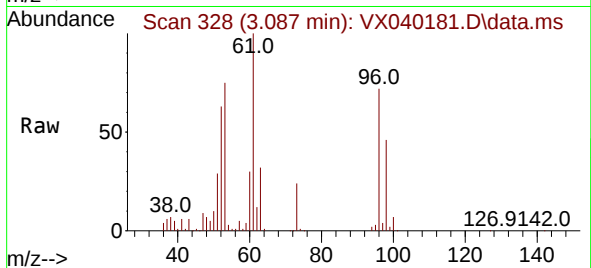
Tgt Ion: 84 Resp: 153561
Ion Ratio Lower Upper
84 100
49 120.8 103.6 155.4
51 36.3 33.8 50.6
86 65.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 132.841 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

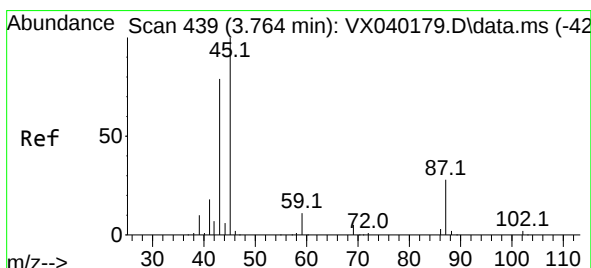
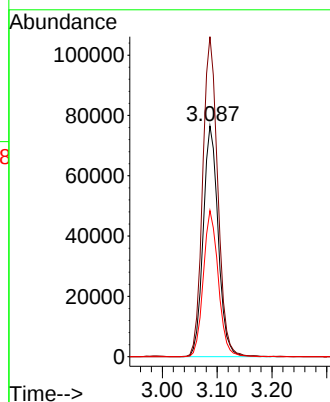
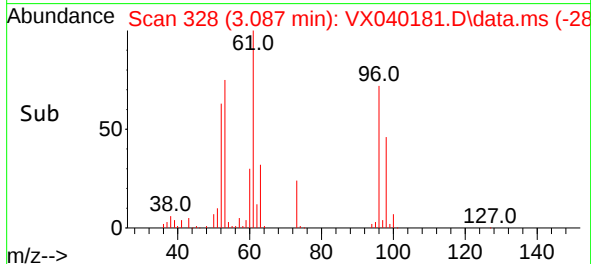
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 144992
Ion Ratio Lower Upper
96 100
61 138.7 119.2 178.8
98 63.3 48.7 73.1

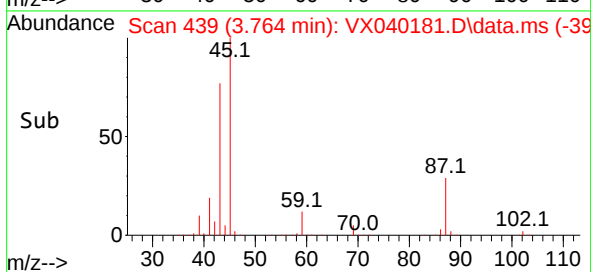
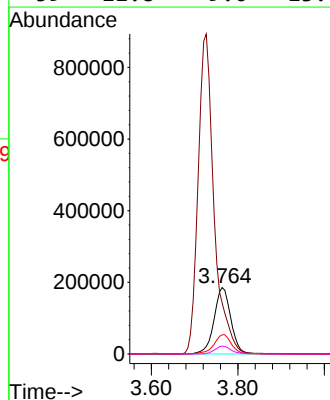
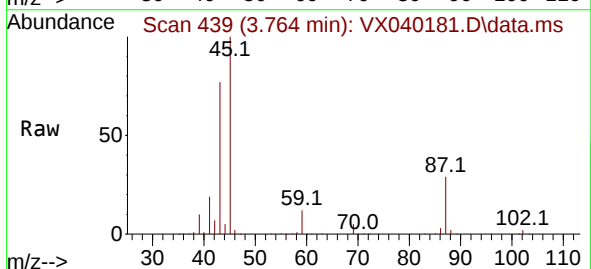
Manual Integrations
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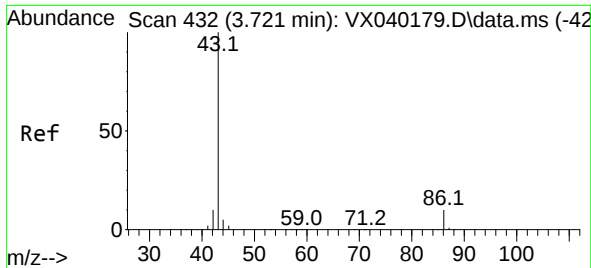
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
Diisopropyl ether
Concen: 147.192 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 45 Resp: 496469
Ion Ratio Lower Upper
45 100
43 77.1 69.7 104.5
87 28.9 20.8 31.2
59 11.8 9.0 13.4





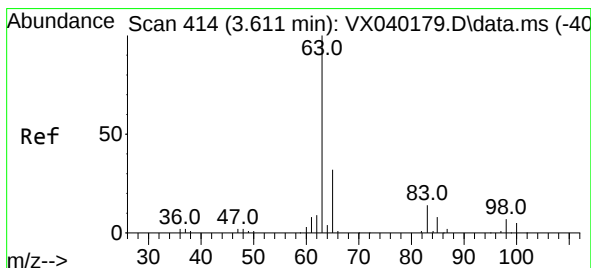
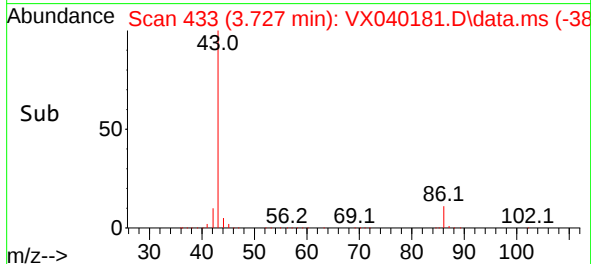
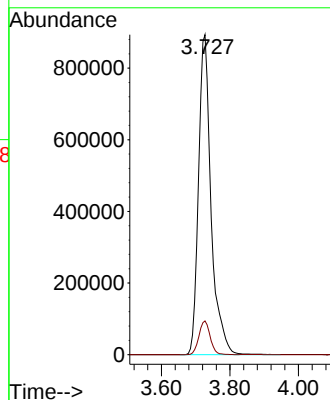
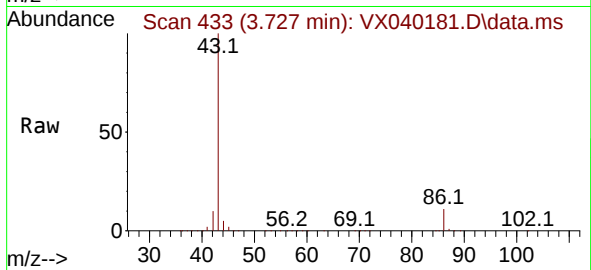
#23
 Vinyl Acetate
 Concen: 758.279 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 228001
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

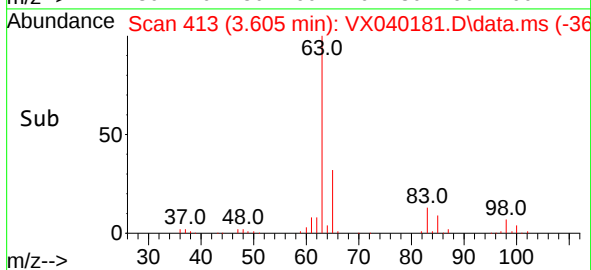
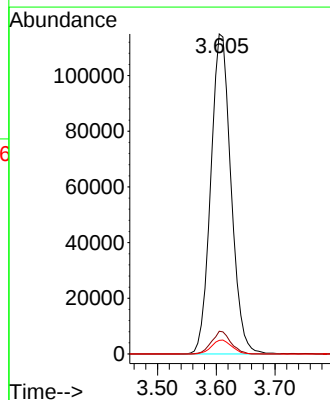
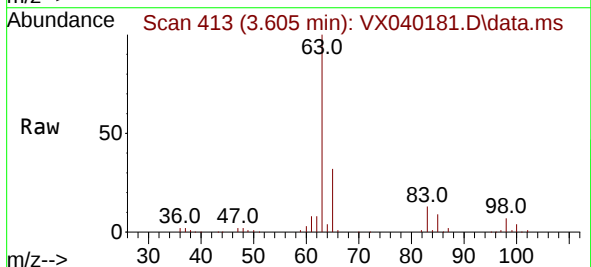
Manual Integrations
 APPROVED

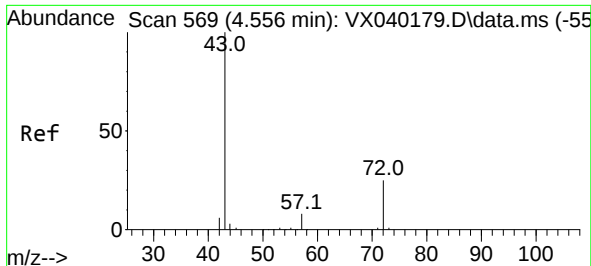
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#24
 1,1-Dichloroethane
 Concen: 139.763 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05

Tgt Ion: 63 Resp: 274598
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.3 2.1 6.5





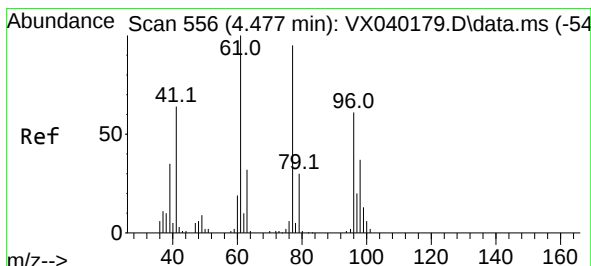
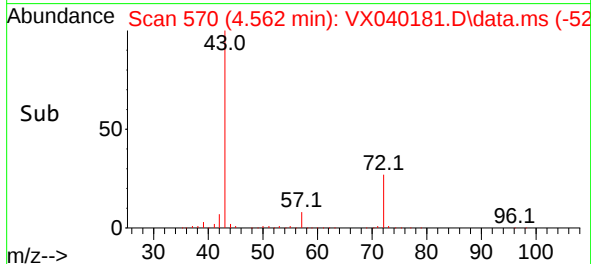
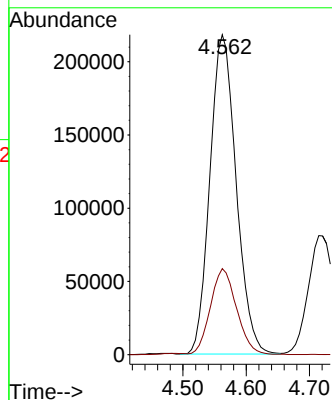
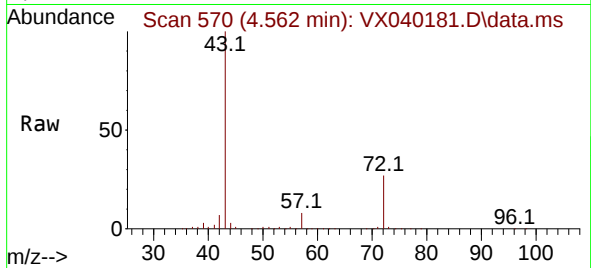
#25
2-Butanone
Concen: 701.066 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 628520
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

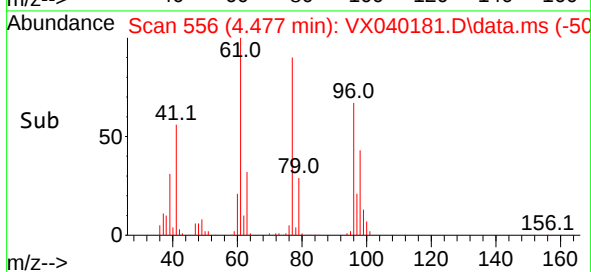
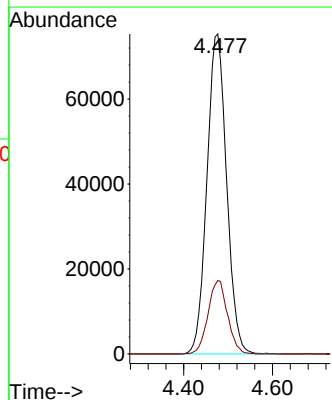
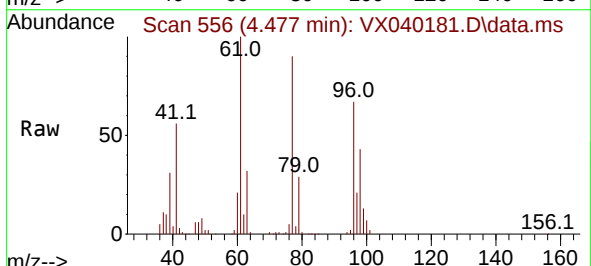
Manual Integrations
APPROVED

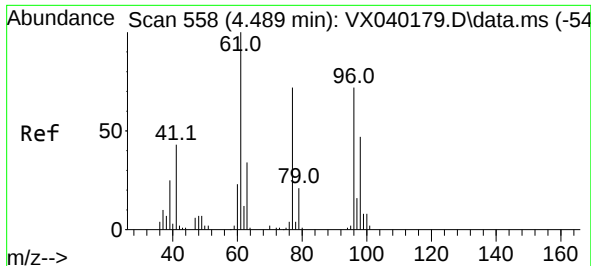
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
2,2-Dichloropropane
Concen: 153.283 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

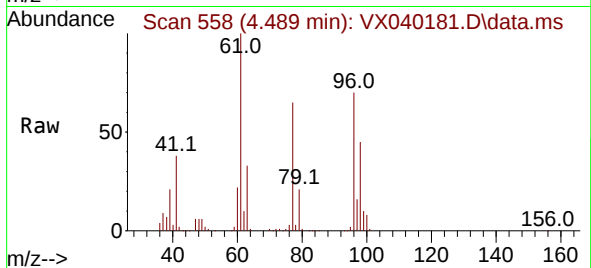
Tgt Ion: 77 Resp: 231833
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 140.940 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05

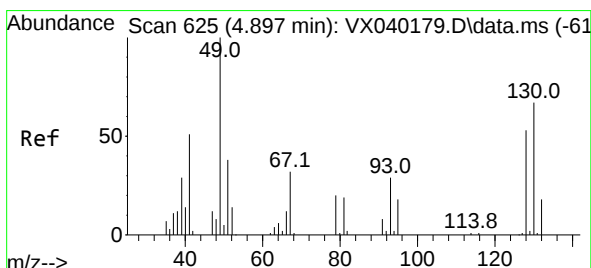
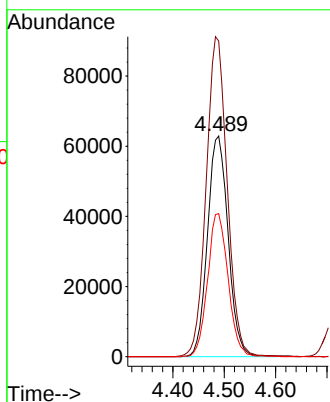
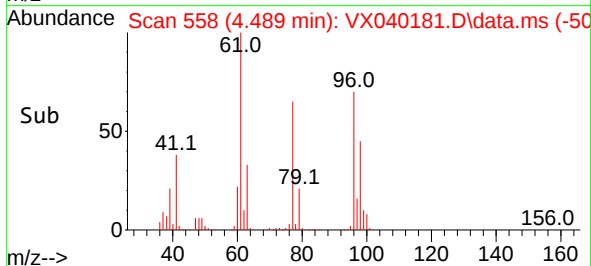
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



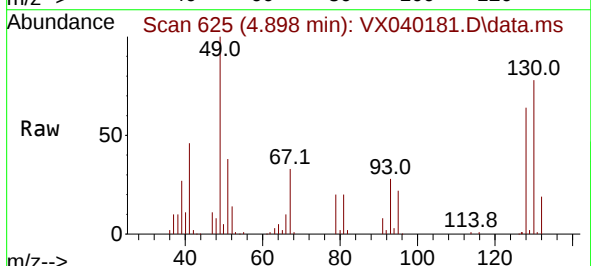
Tgt Ion: 96 Resp: 175490
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 312.2
 98 64.4 0.0 129.0

Manual Integrations
 APPROVED

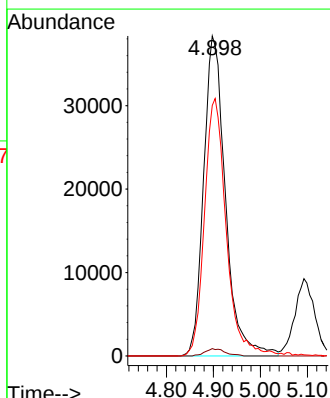
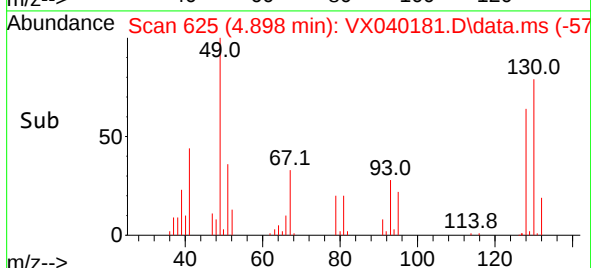
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

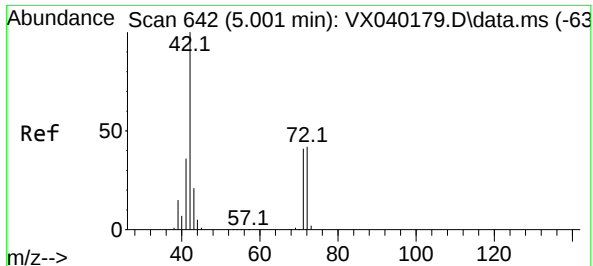


#28
 Bromochloromethane
 Concen: 148.013 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05



Tgt Ion: 49 Resp: 123468
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 80.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 716.792 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 41866

Ion Ratio Lower Upper

42 100

72 45.8 34.2 51.4

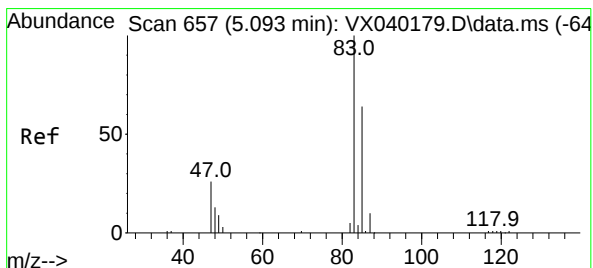
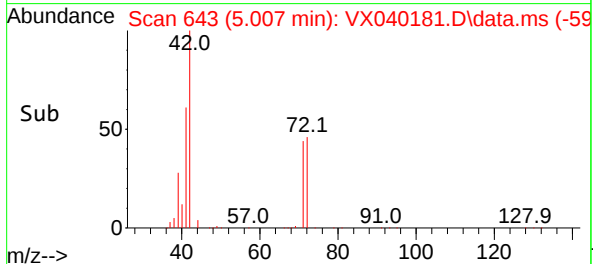
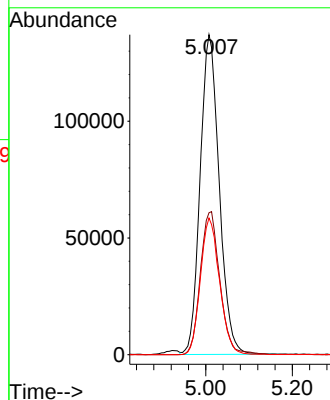
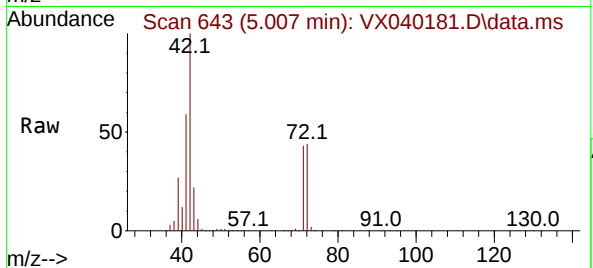
71 42.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#30

Chloroform

Concen: 143.414 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040181.D

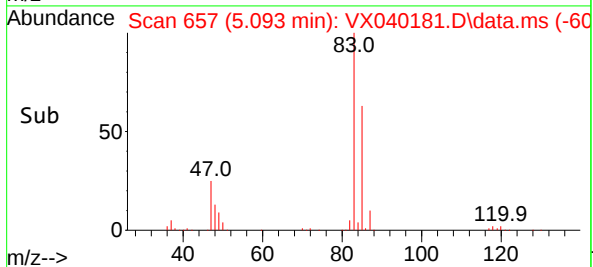
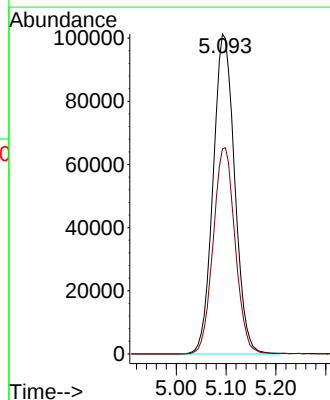
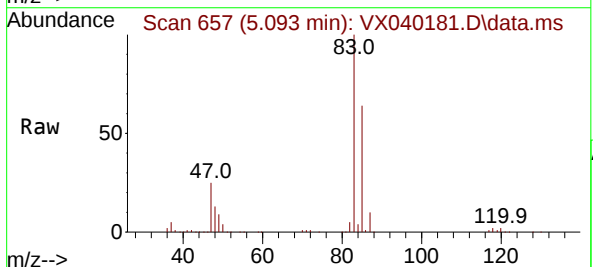
Acq: 09 Feb 2024 18:05

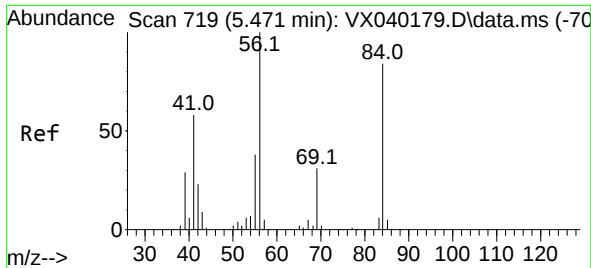
Tgt Ion: 83 Resp: 304647

Ion Ratio Lower Upper

83 100

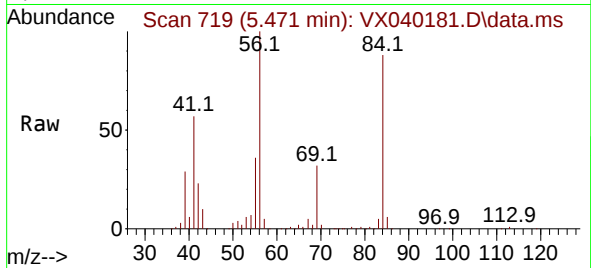
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 138.129 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

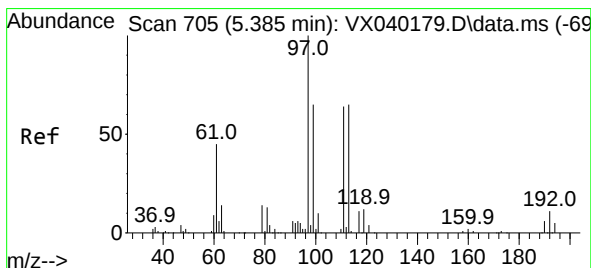
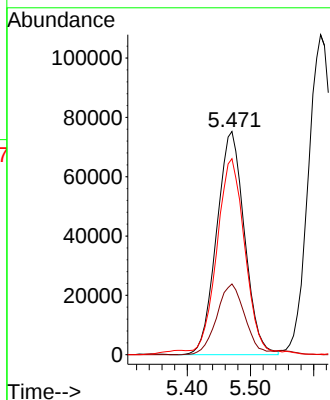
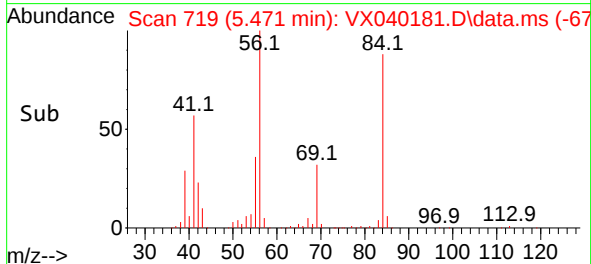
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



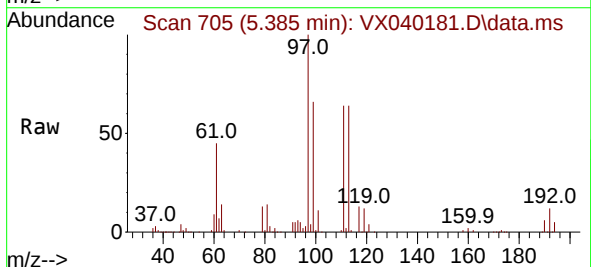
Tgt Ion: 56 Resp: 230078
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 86.1 65.9 98.9

Manual Integrations
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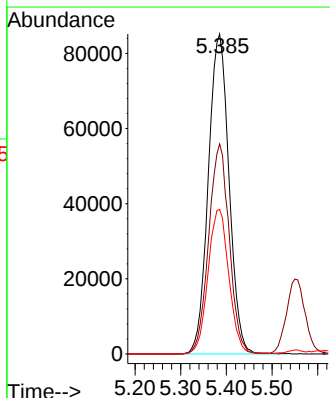
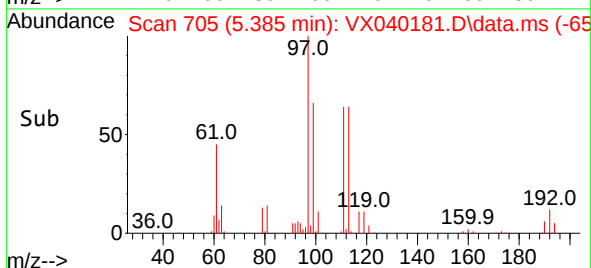
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

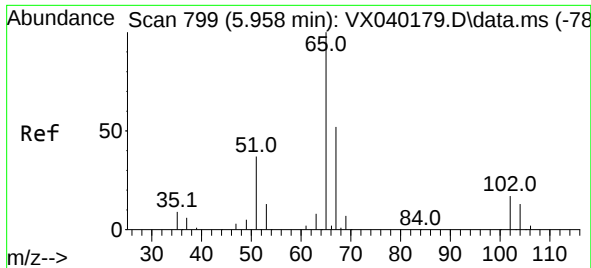


#32
1,1,1-Trichloroethane
Concen: 149.776 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion: 97 Resp: 267658
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 45.7 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 143.989 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

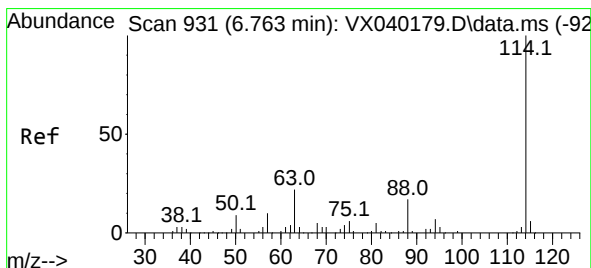
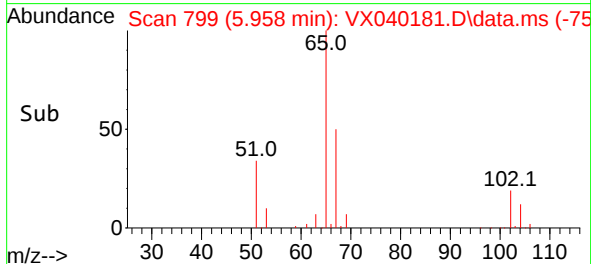
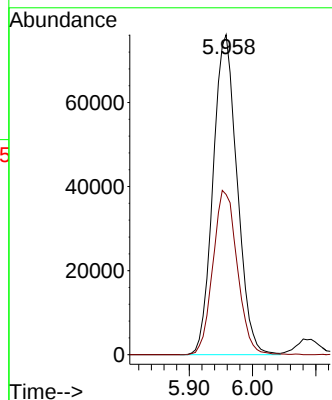
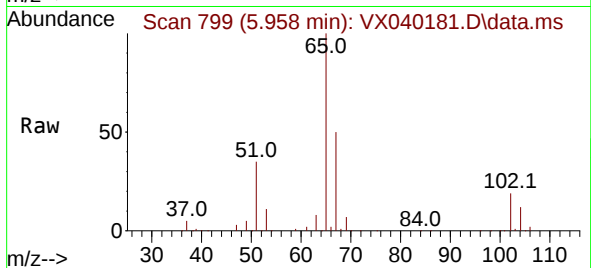
VSTDIC150

Tgt Ion: 65 Resp: 201078
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

Manual Integrations

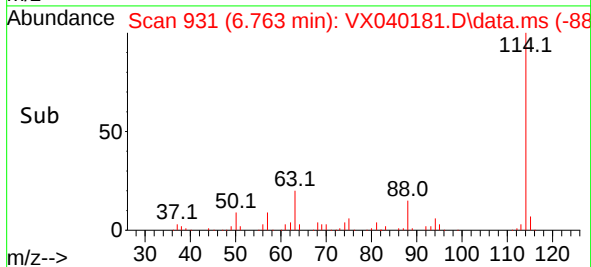
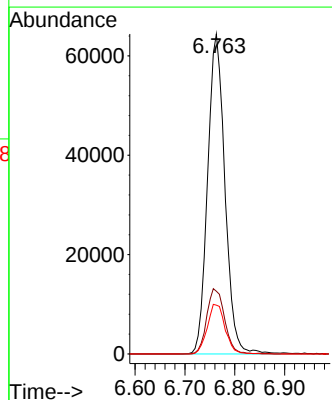
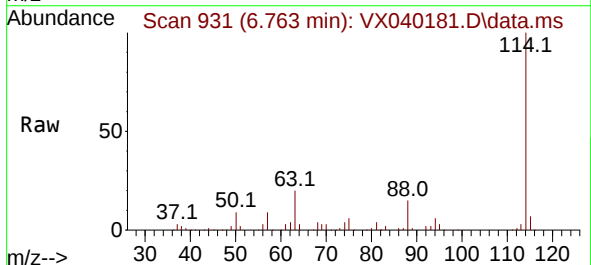
APPROVED

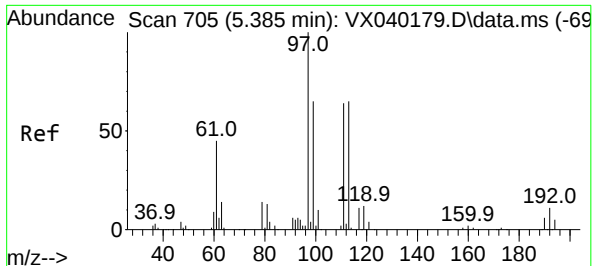
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion:114 Resp: 155197
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 144.163 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 15624

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

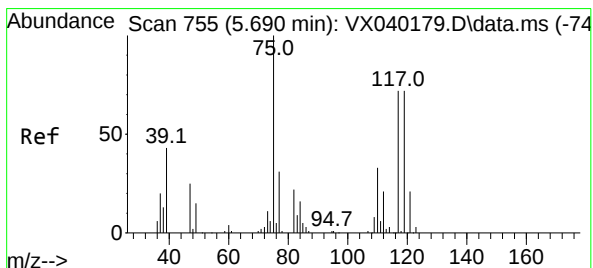
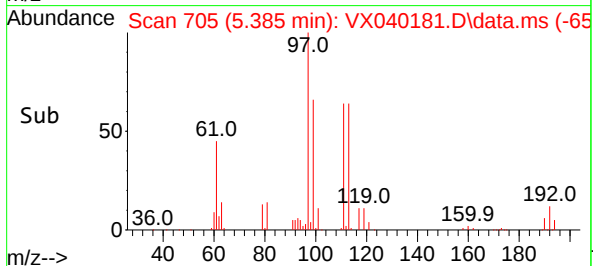
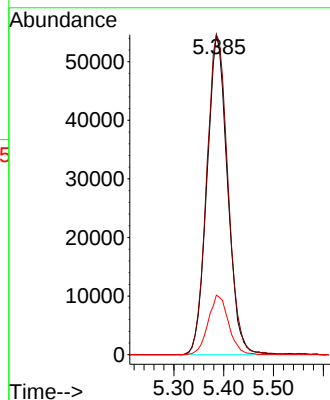
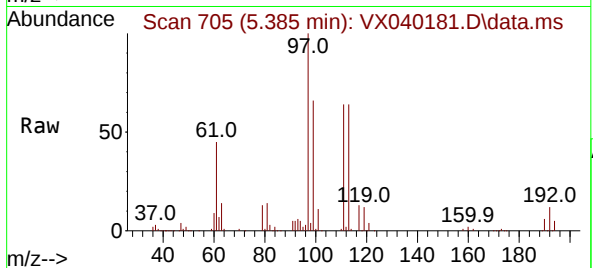
192 18.5 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#36

1,1-Dichloropropene

Concen: 141.207 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

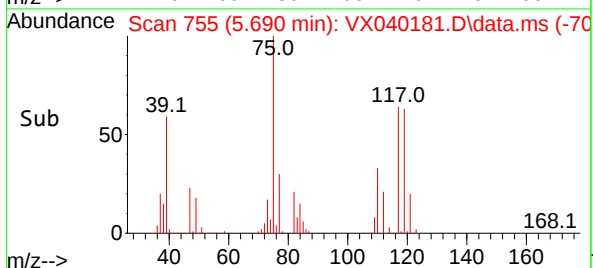
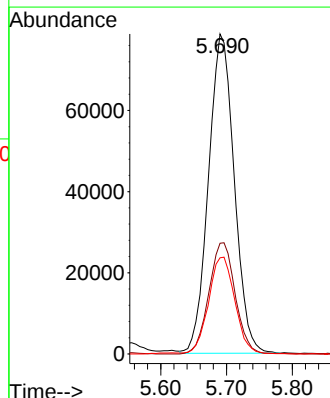
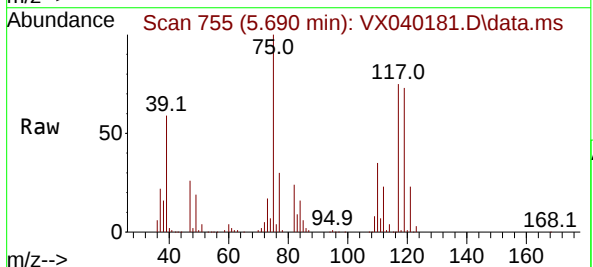
Tgt Ion: 75 Resp: 214386

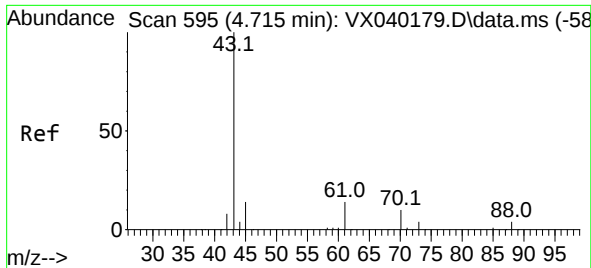
Ion Ratio Lower Upper

75 100

110 35.7 17.0 50.9

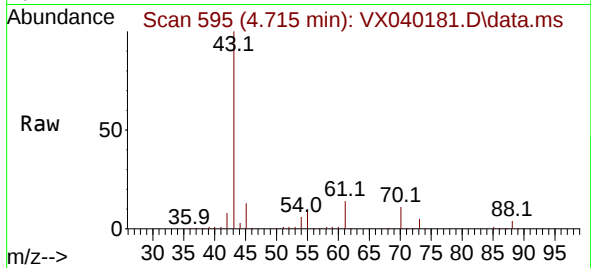
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 143.586 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

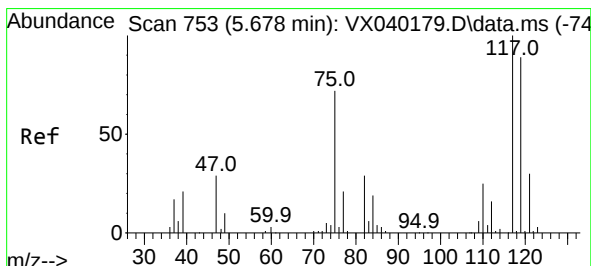
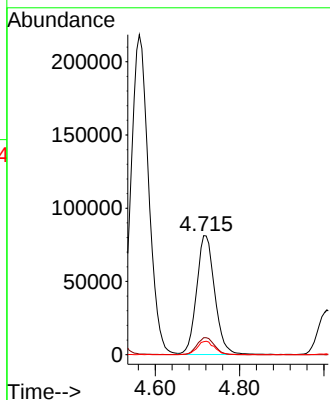
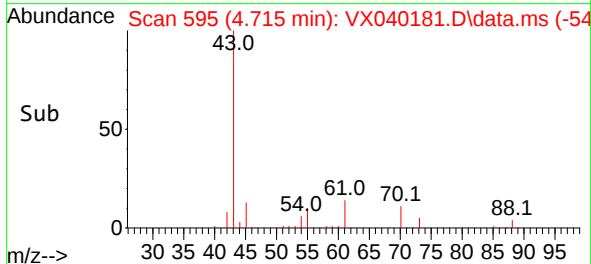
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 24256
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.8 8.3 12.5

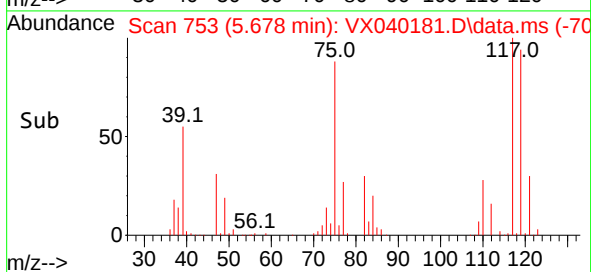
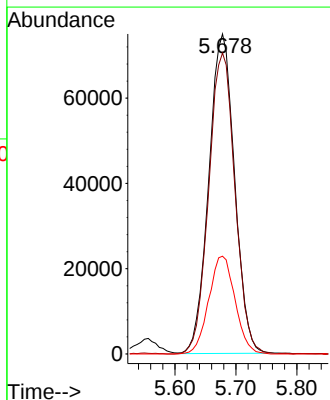
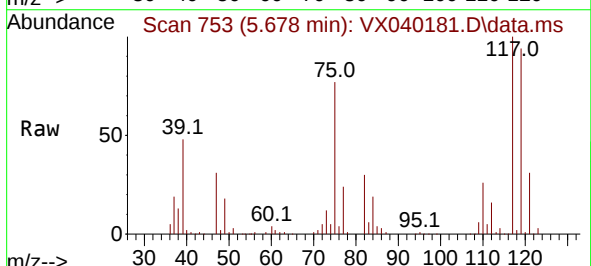
Manual Integrations
APPROVED

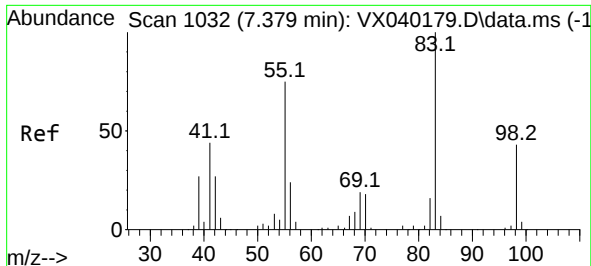
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#38
Carbon Tetrachloride
Concen: 152.671 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion:117 Resp: 220387
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 142.119 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

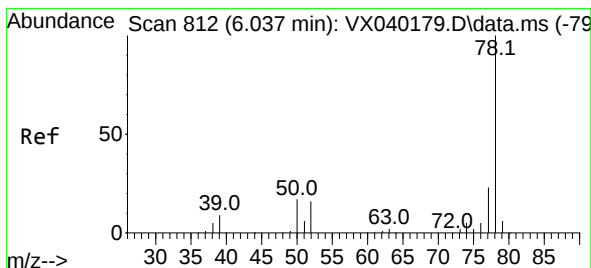
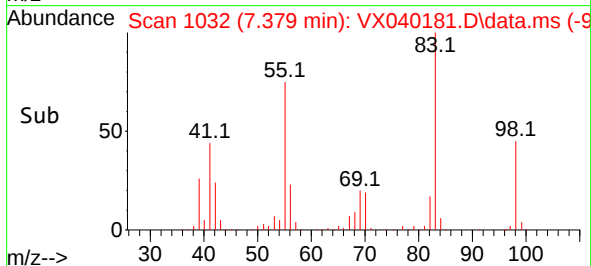
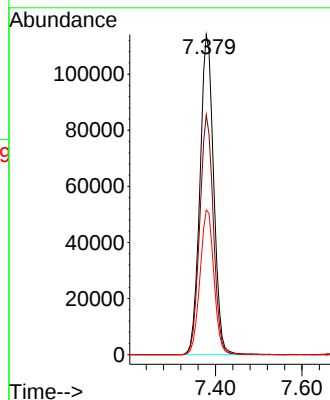
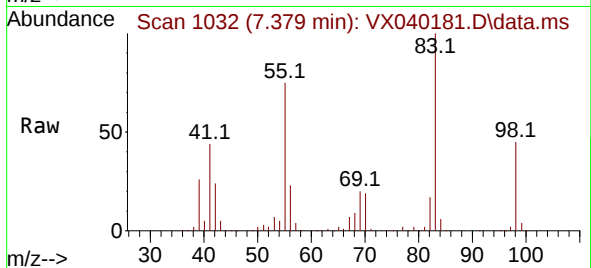
VSTDICC150

Tgt Ion: 83 Resp: 250754
Ion Ratio Lower Upper
83 100
55 74.9 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

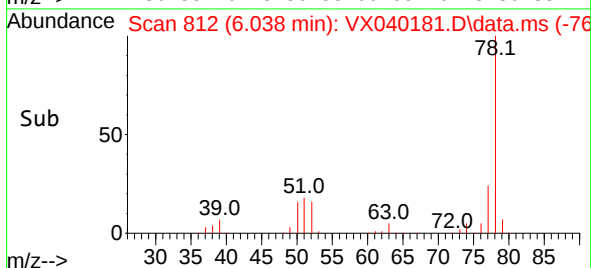
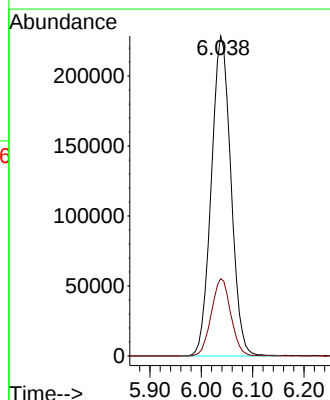
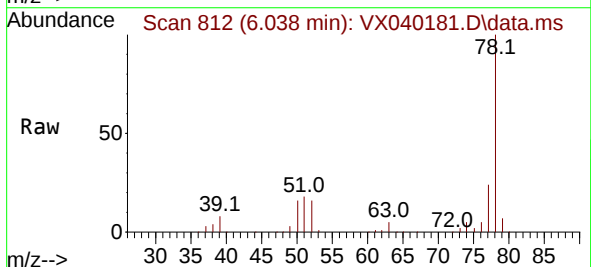
APPROVED

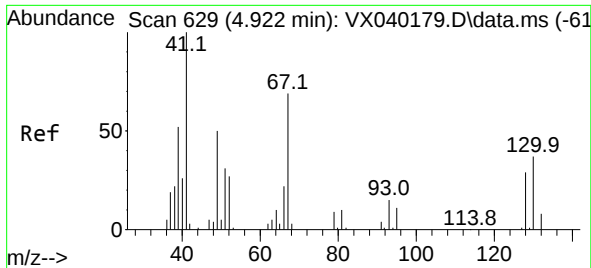
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#40
Benzene
Concen: 142.787 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 78 Resp: 606226
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 157.321 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

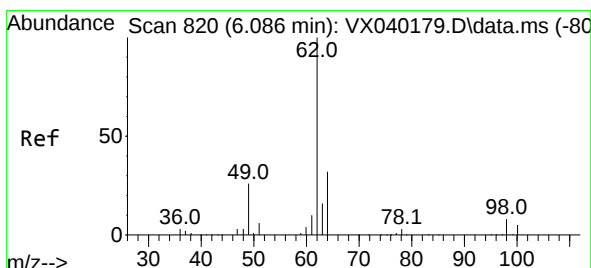
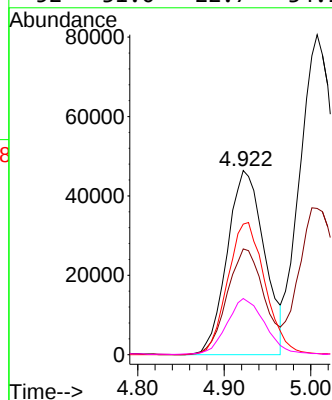
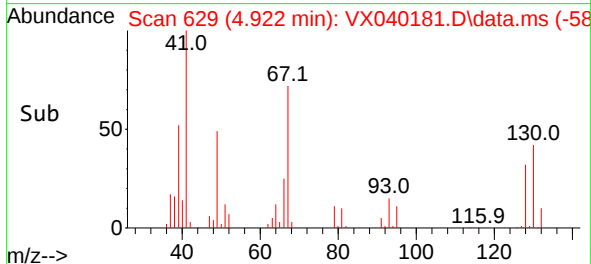
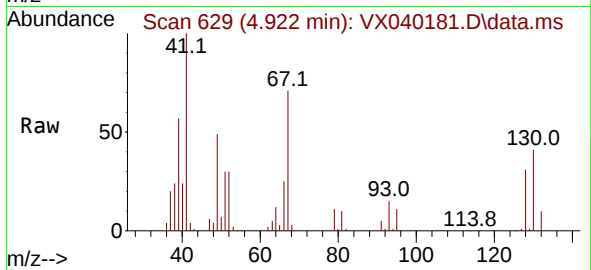
Tgt Ion: 41 Resp: 13893
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 72.5 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

APPROVED

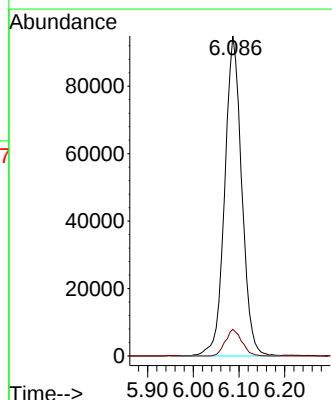
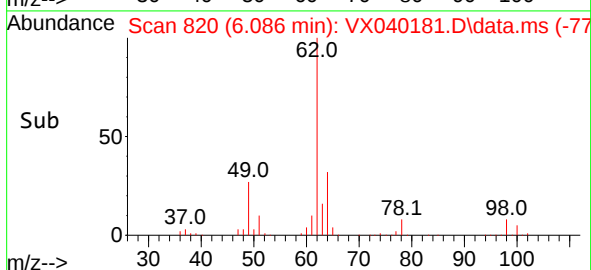
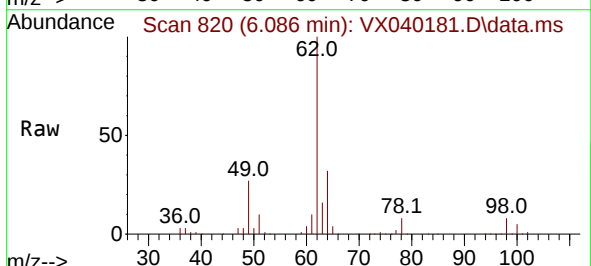
Reviewed By :John Carlone 02/12/2024

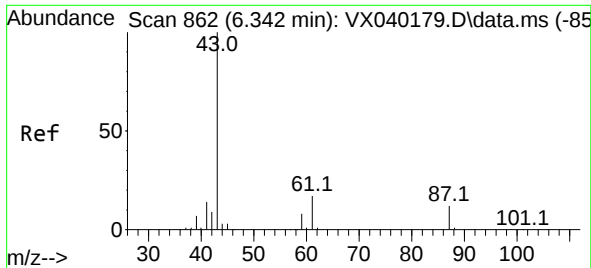
Supervised By :Mahesh Dadoda 02/12/2024



#42
1,2-Dichloroethane
Concen: 148.400 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 62 Resp: 246272
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 153.052 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

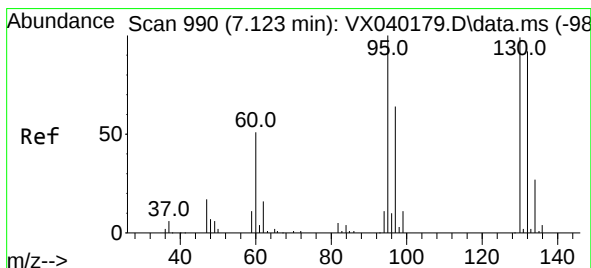
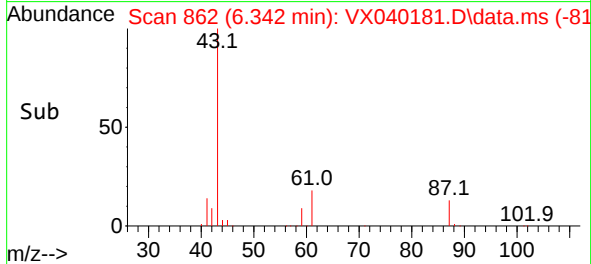
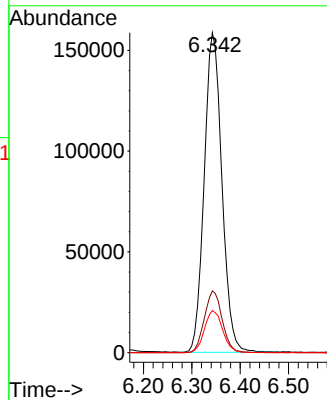
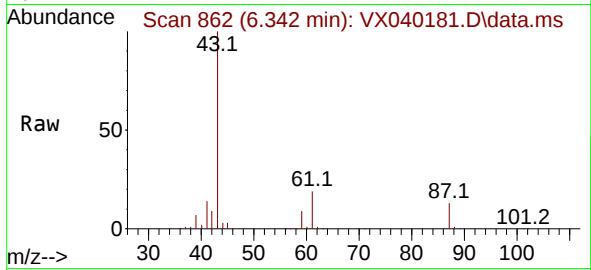
Tgt Ion: 43	Resp: 403620
Ion Ratio	Lower Upper
43 100	
61 19.5	15.2 22.8
87 13.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#44

Trichloroethene

Concen: 140.823 ug/l

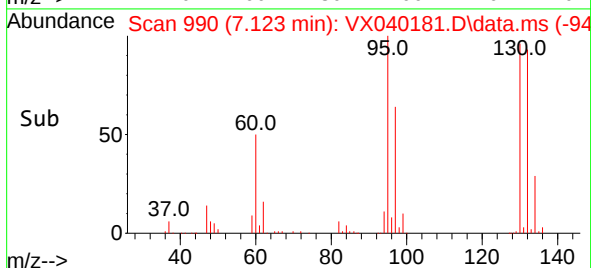
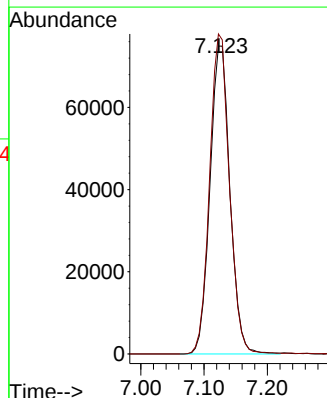
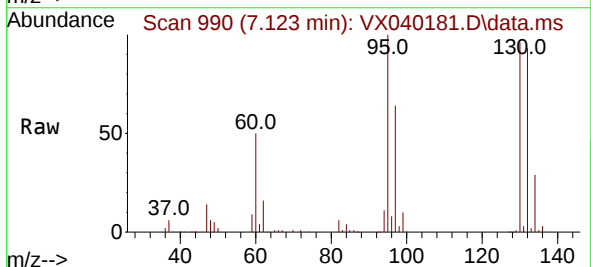
RT: 7.123 min Scan# 990

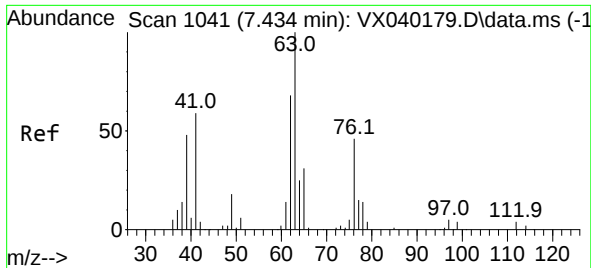
Delta R.T. -0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Tgt	Ion:130	Resp:	164923
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	204.4





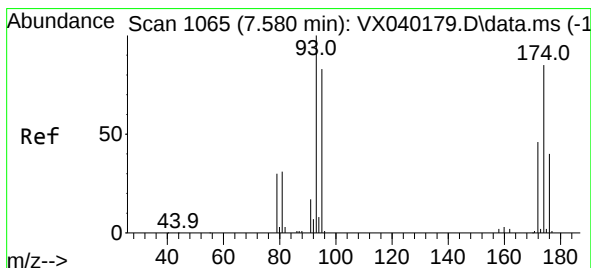
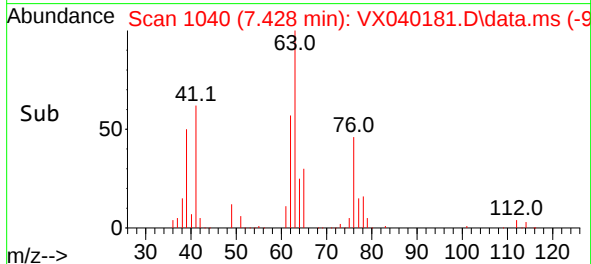
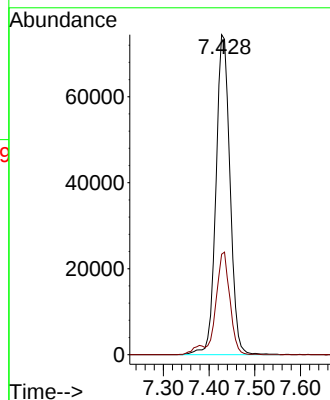
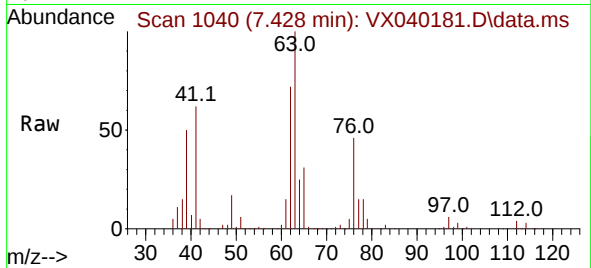
#45
1,2-Dichloropropane
Concen: 144.257 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 159415
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5

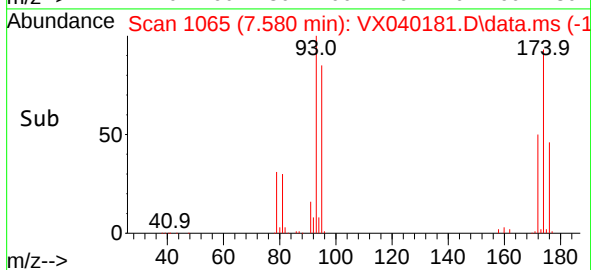
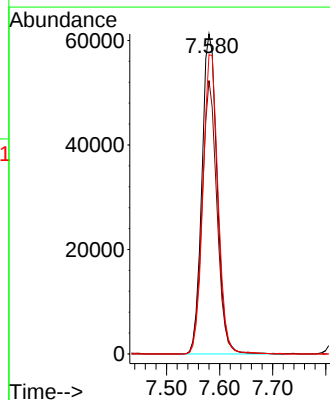
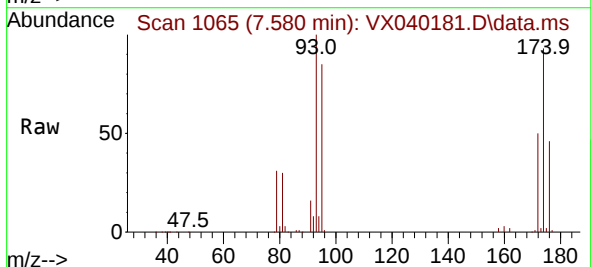
Manual Integrations
APPROVED

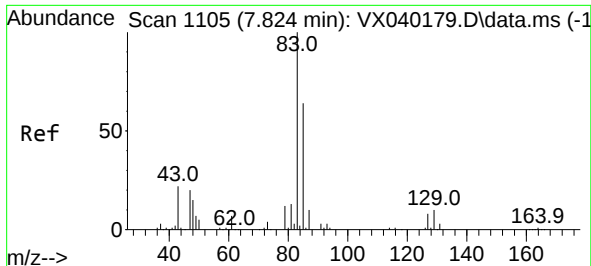
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#46
Dibromomethane
Concen: 150.098 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

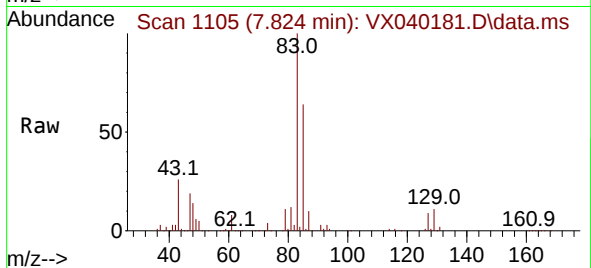
Tgt Ion: 93 Resp: 122161
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 92.9 69.4 104.0





#47
Bromodichloromethane
Concen: 154.029 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

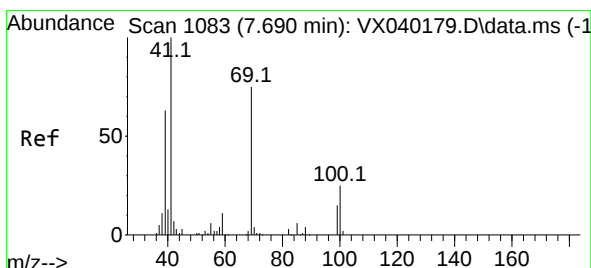
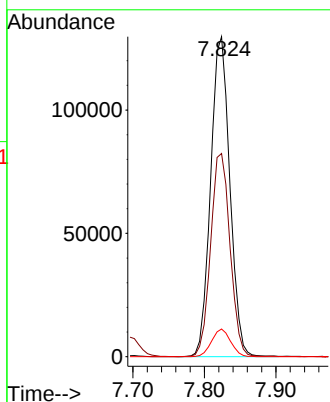
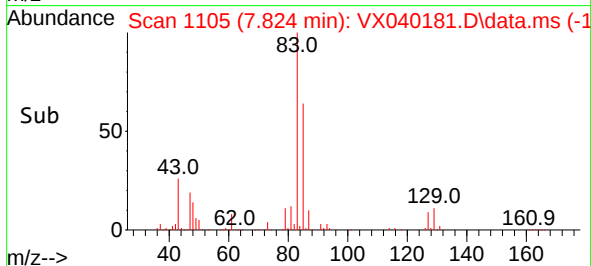
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



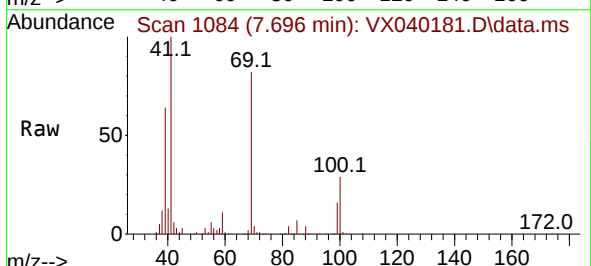
Tgt Ion: 83 Resp: 241548
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations
APPROVED

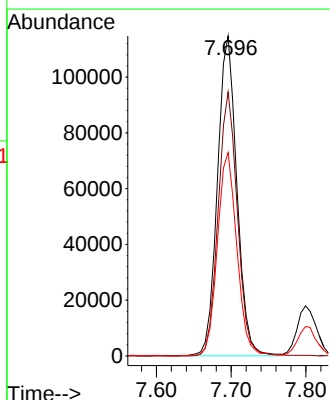
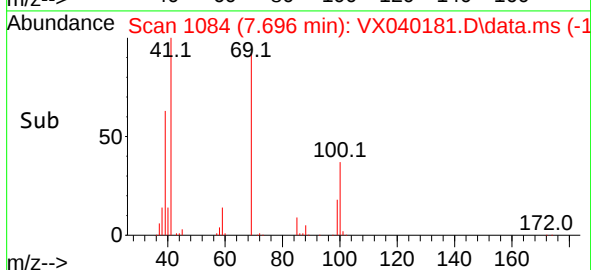
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

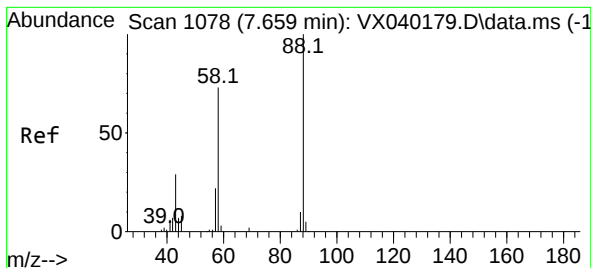


#48
Methyl methacrylate
Concen: 153.424 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion: 41 Resp: 207027
Ion Ratio Lower Upper
41 100
69 82.2 59.2 88.8
39 63.5 47.7 71.5





#49

1,4-Dioxane

Concen: 2776.505 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 81500

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0

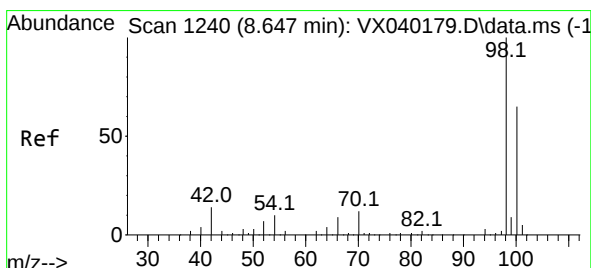
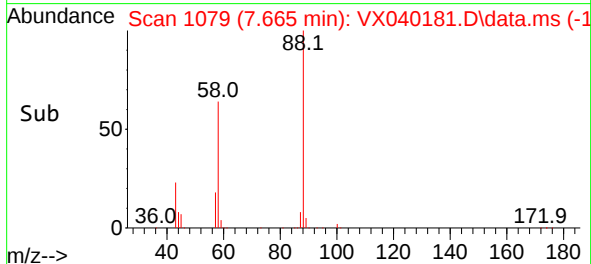
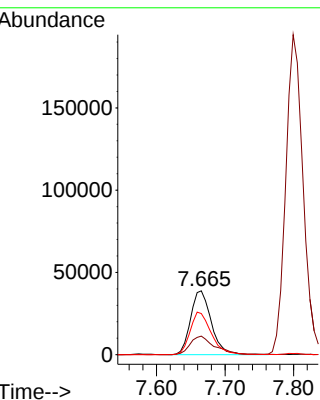
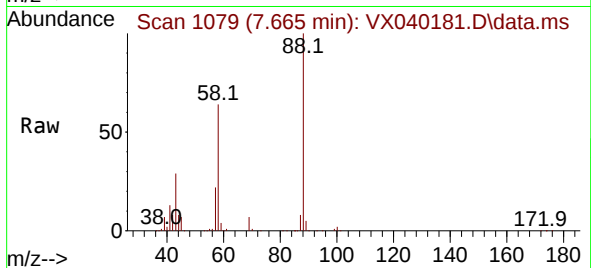
58 68.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#50

Toluene-d8

Concen: 143.990 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX040181.D

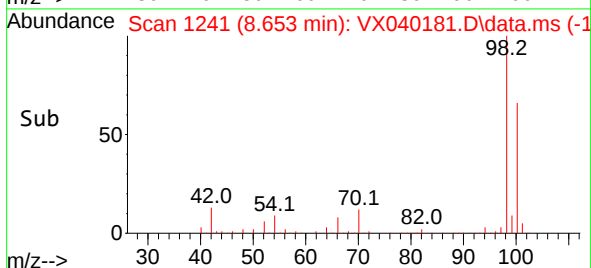
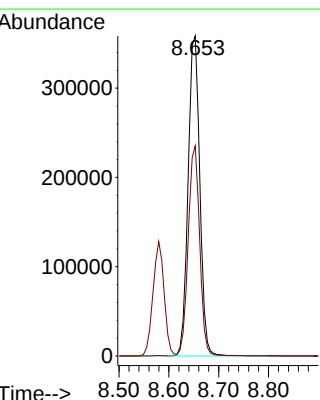
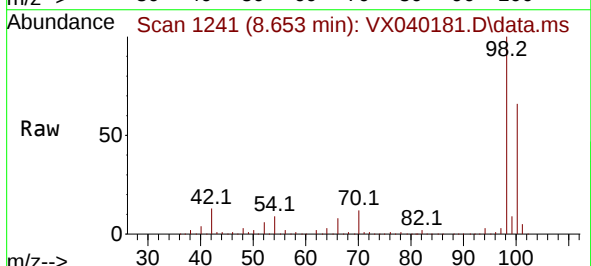
Acq: 09 Feb 2024 18:05

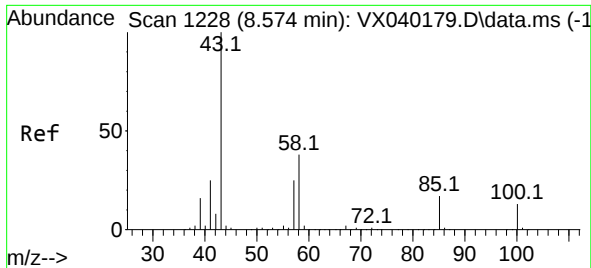
Tgt Ion: 98 Resp: 583768

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 748.688 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 134800

Ion Ratio Lower Upper

43 100

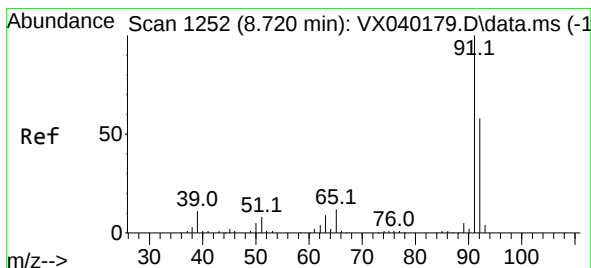
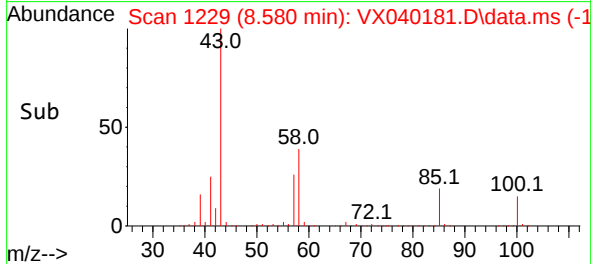
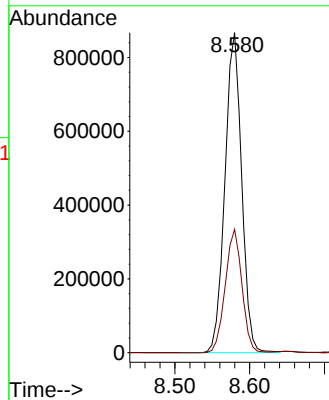
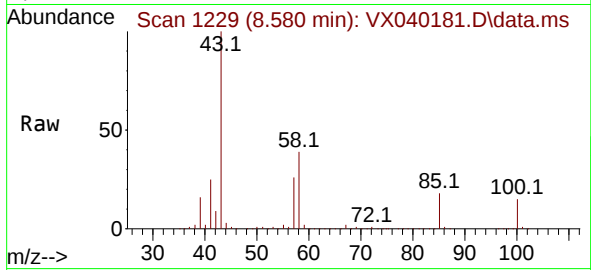
58 38.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#52

Toluene

Concen: 145.573 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040181.D

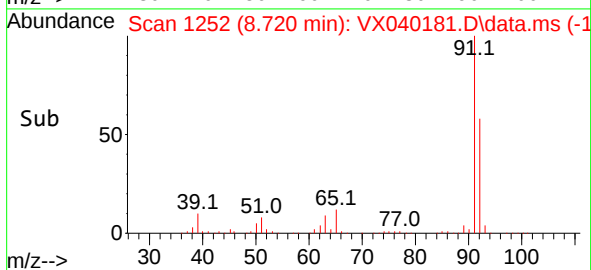
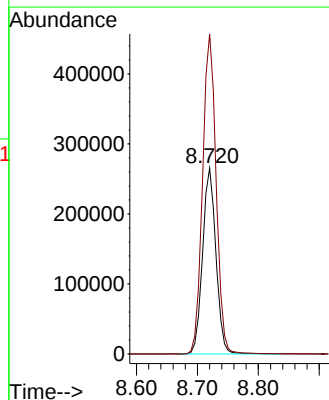
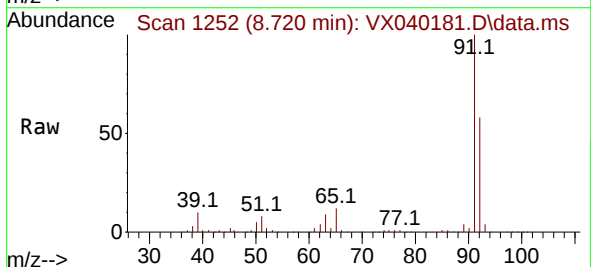
Acq: 09 Feb 2024 18:05

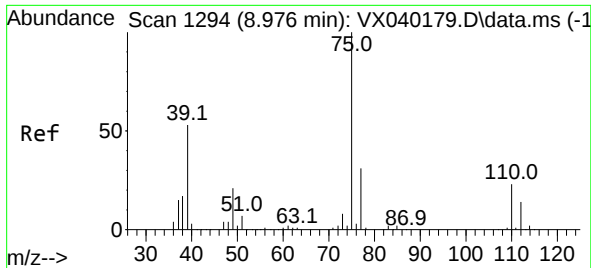
Tgt Ion: 92 Resp: 404835

Ion Ratio Lower Upper

92 100

91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 148.776 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 276409

Ion Ratio Lower Upper

75 100

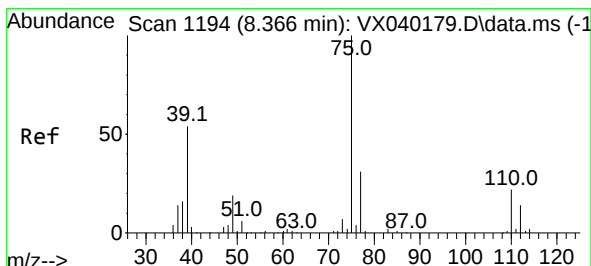
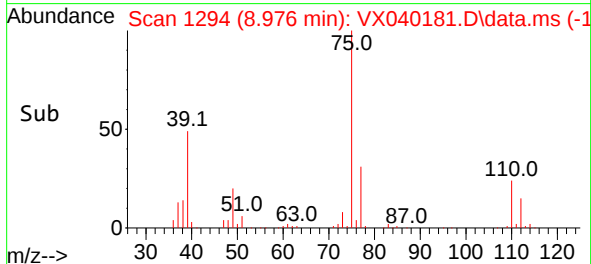
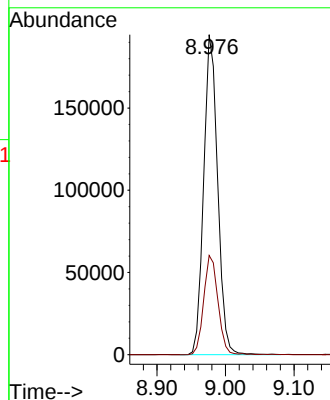
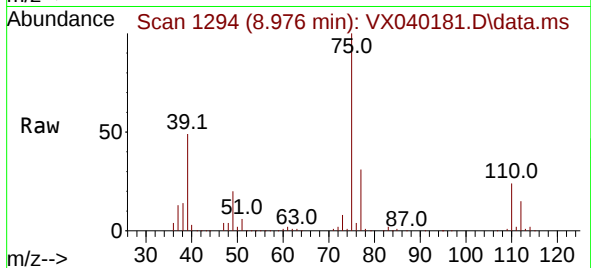
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#54

cis-1,3-Dichloropropene

Concen: 158.965 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

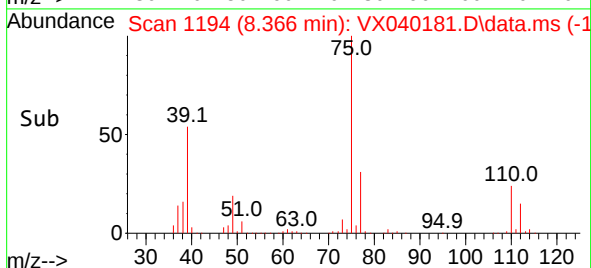
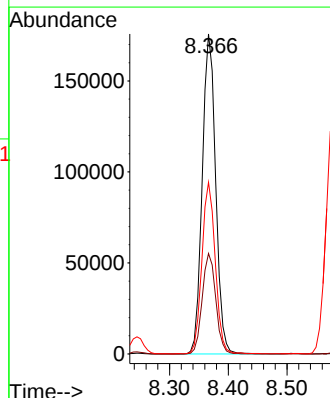
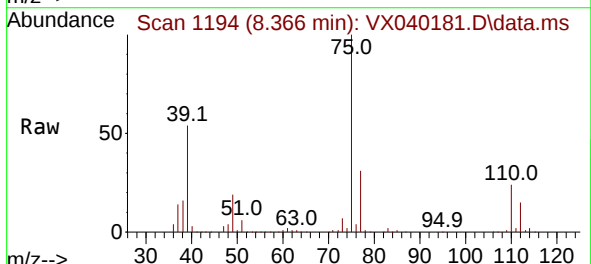
Tgt Ion: 75 Resp: 279383

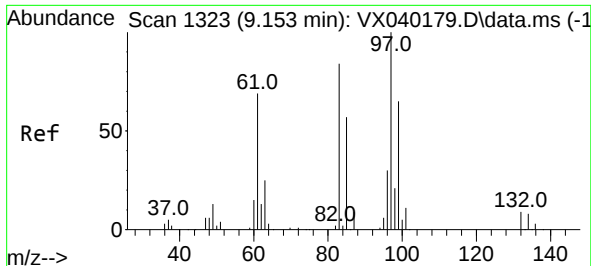
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

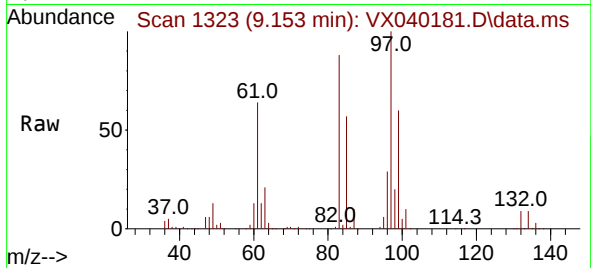
39 53.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 148.903 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

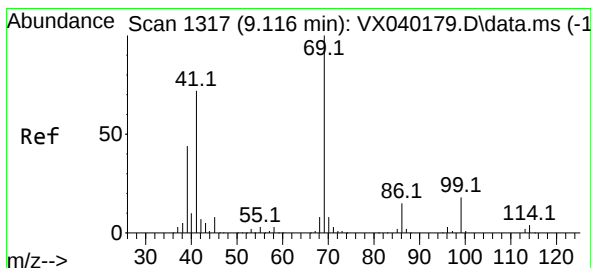
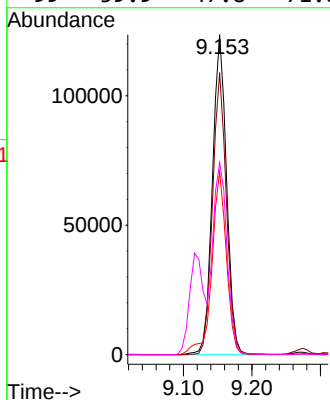
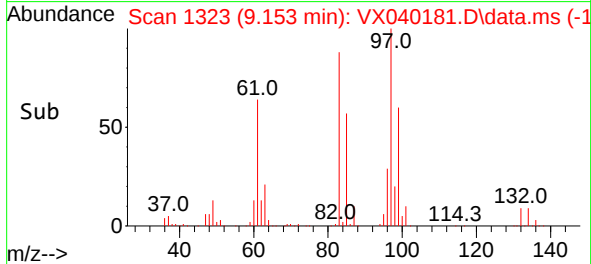
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



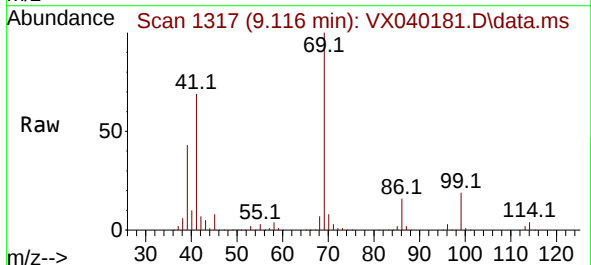
Tgt Ion:	97	Resp:	17661
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.8
85	57.2	41.6	62.4
99	59.9	47.8	71.8

Manual Integrations
APPROVED

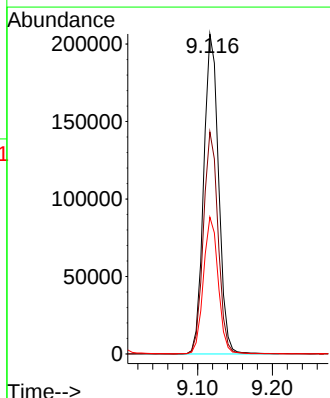
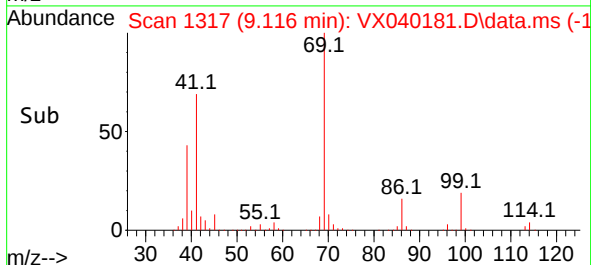
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

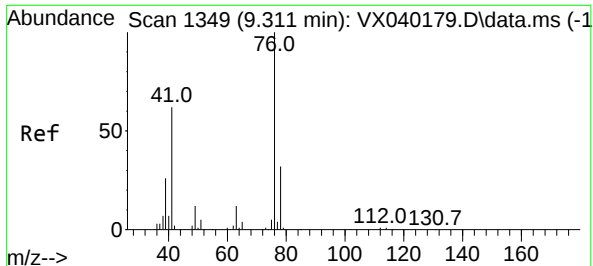


#56
Ethyl methacrylate
Concen: 161.005 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion:	69	Resp:	285894
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.8	85.2
39	42.3	32.0	48.0





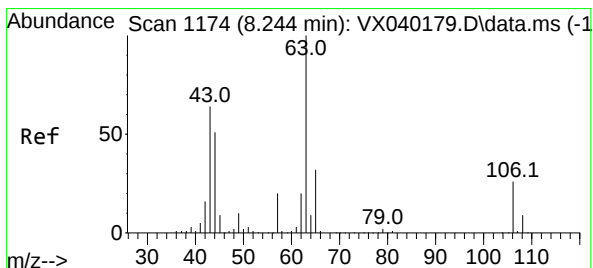
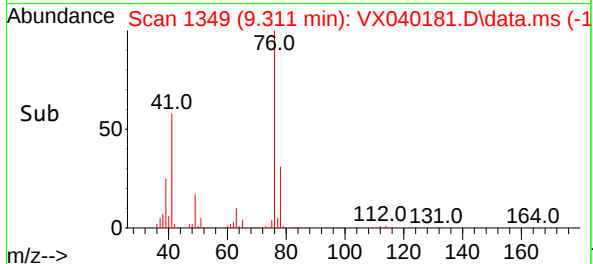
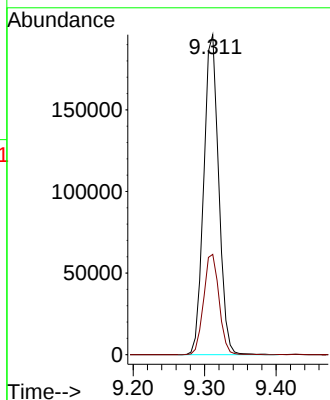
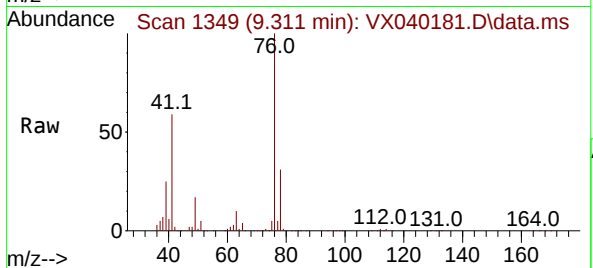
#57
1,3-Dichloropropane
Concen: 147.241 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 285062
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

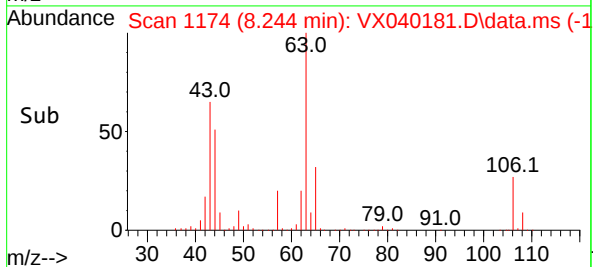
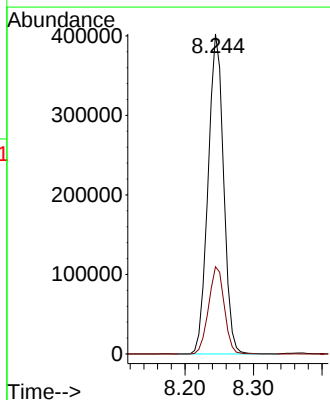
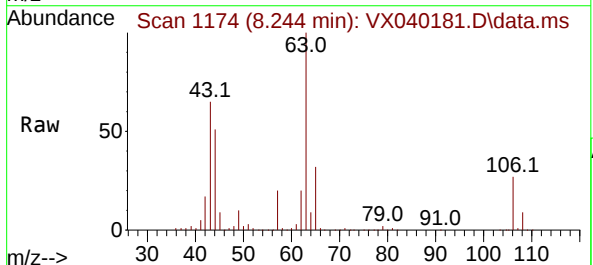
Manual Integrations
APPROVED

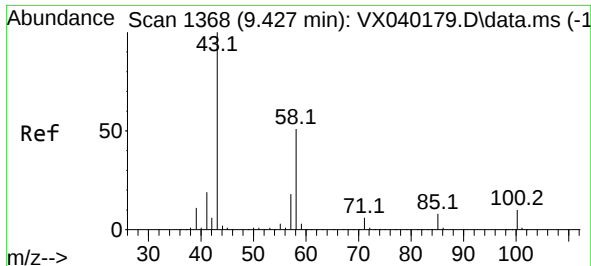
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 754.868 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 63 Resp: 634090
Ion Ratio Lower Upper
63 100
106 27.6 22.5 33.7





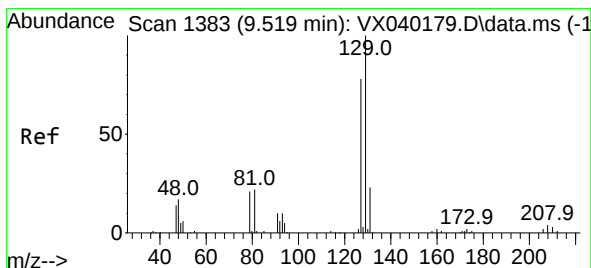
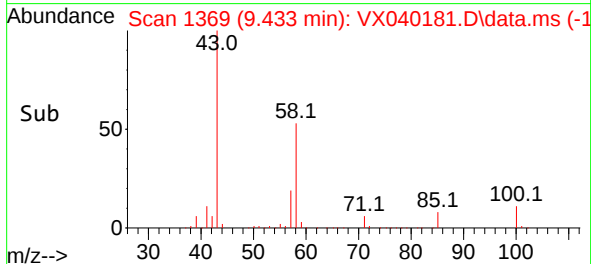
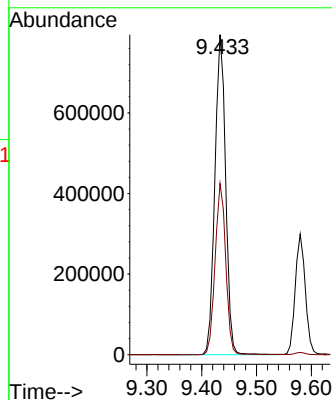
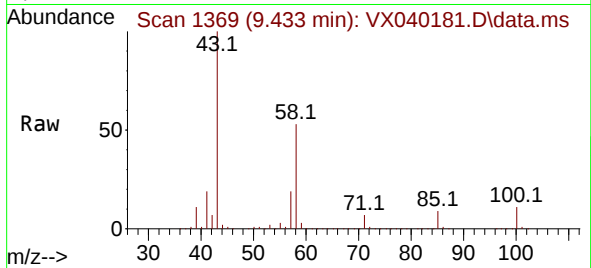
#59
2-Hexanone
Concen: 754.379 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 107688
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

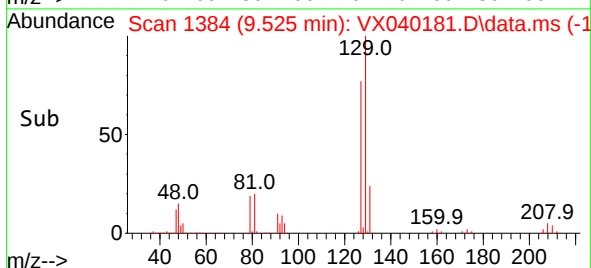
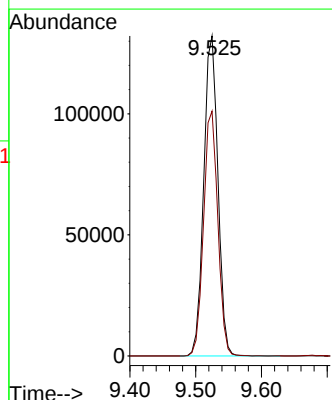
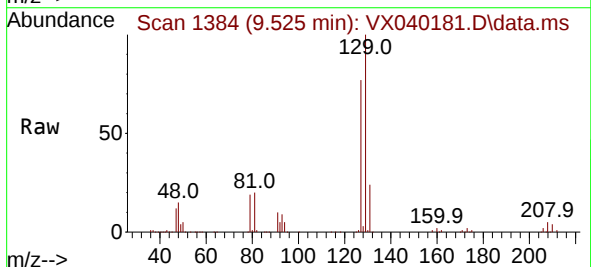
Manual Integrations
APPROVED

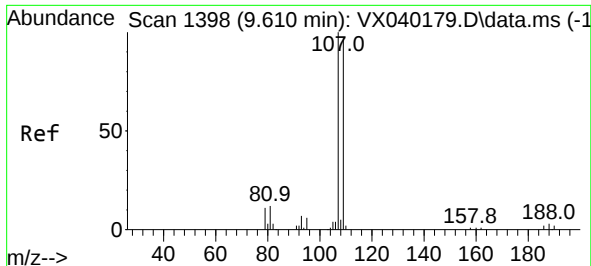
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
Dibromochloromethane
Concen: 164.182 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

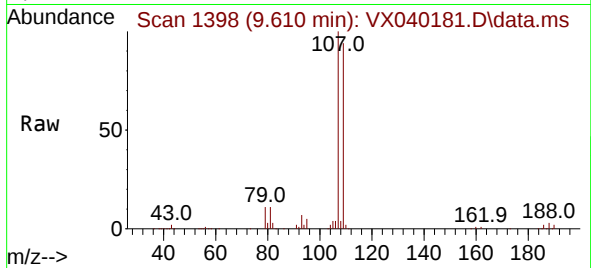
Tgt Ion:129 Resp: 198405
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 152.330 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

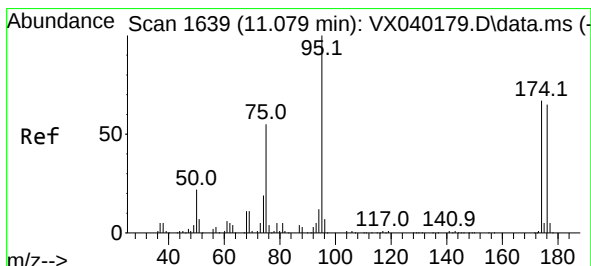
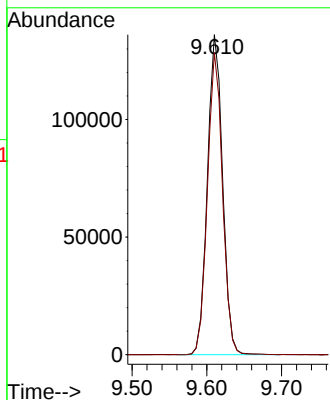
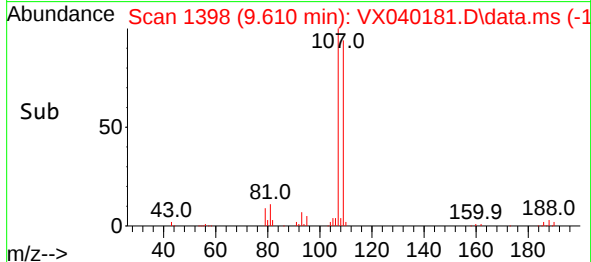
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



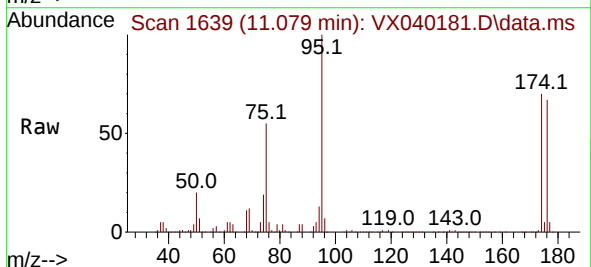
Tgt Ion:107 Resp: 19205
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations
APPROVED

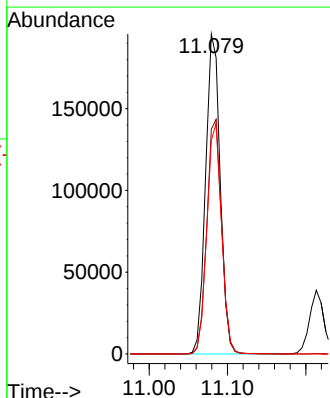
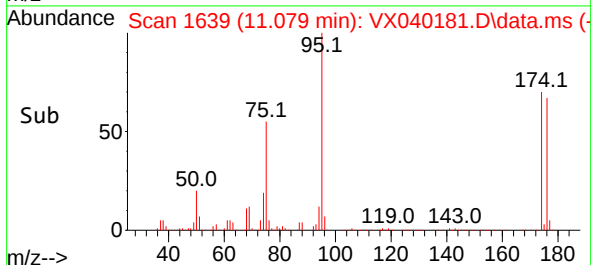
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

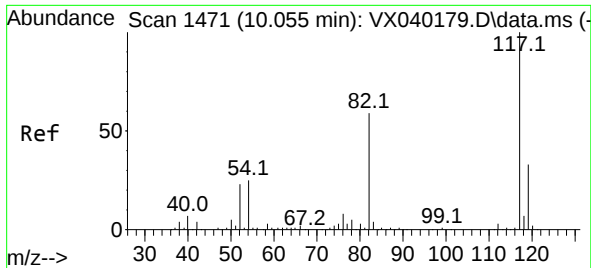


#62
4-Bromofluorobenzene
Concen: 152.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



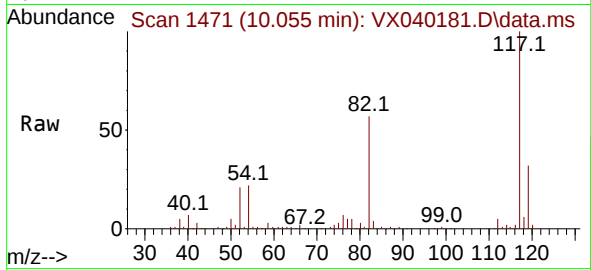
Tgt Ion: 95 Resp: 252247
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

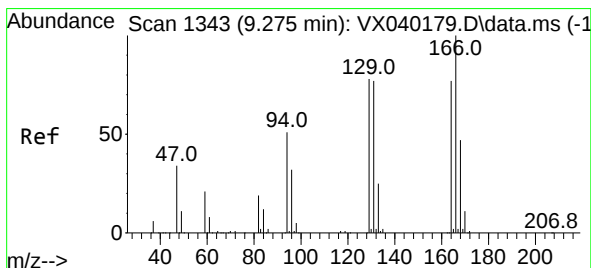
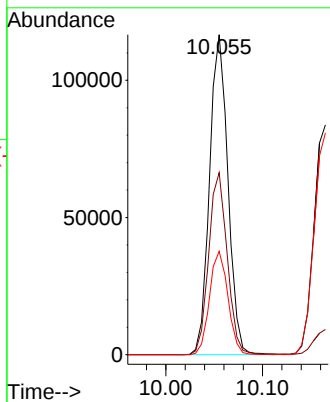
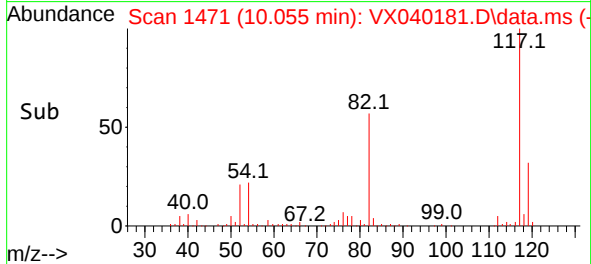
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 154109
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.3 25.5 38.3

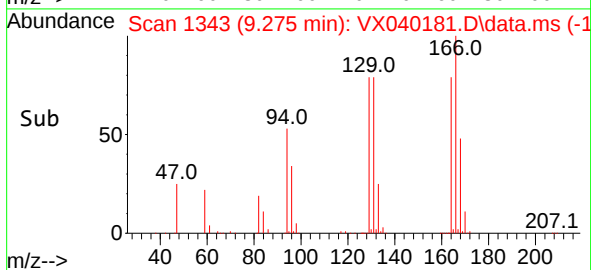
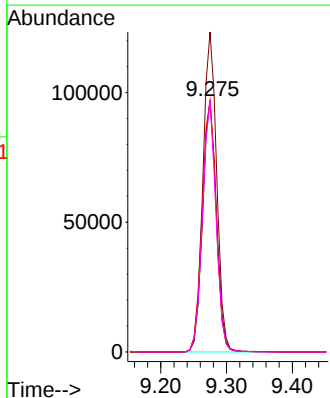
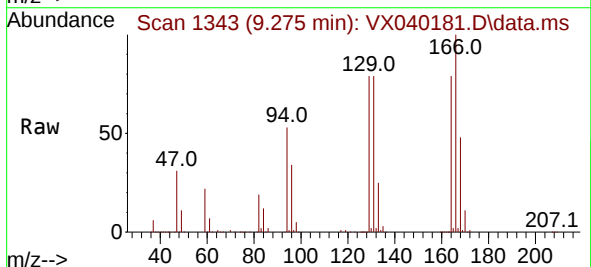
Manual Integrations
APPROVED

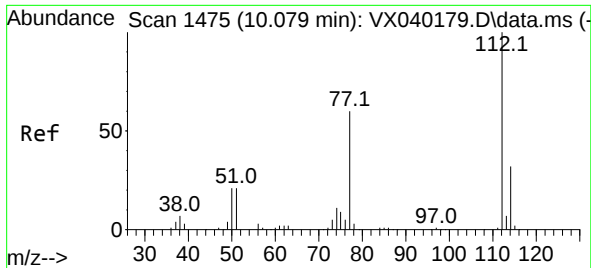
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Tetrachloroethene
Concen: 131.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion:164 Resp: 141760
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 100.2 80.4 120.6
131 100.1 76.5 114.7





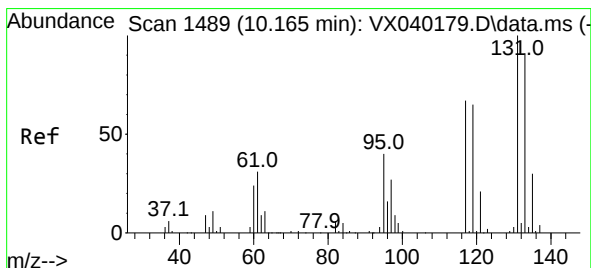
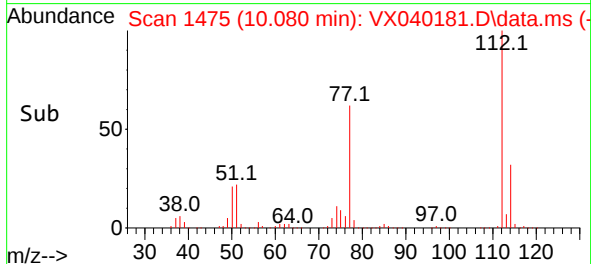
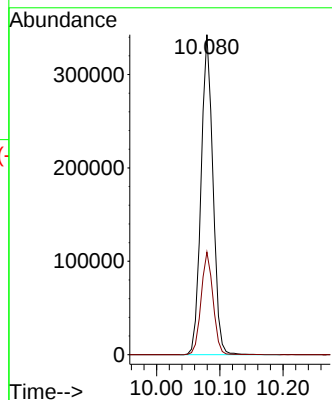
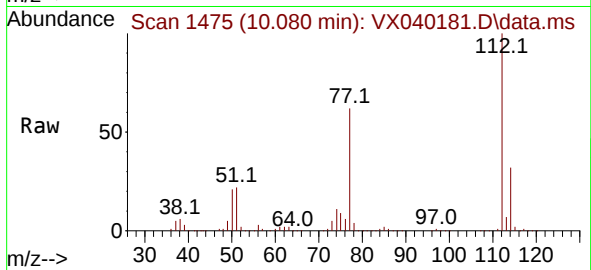
#65
Chlorobenzene
Concen: 139.452 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 44852
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

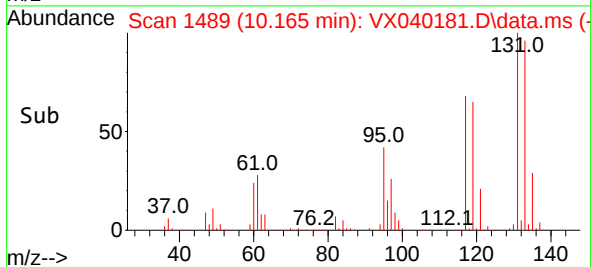
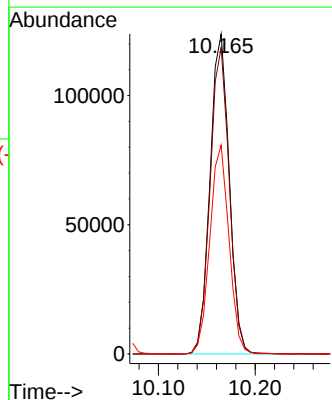
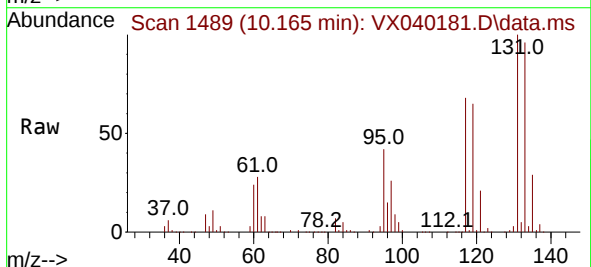
Manual Integrations
APPROVED

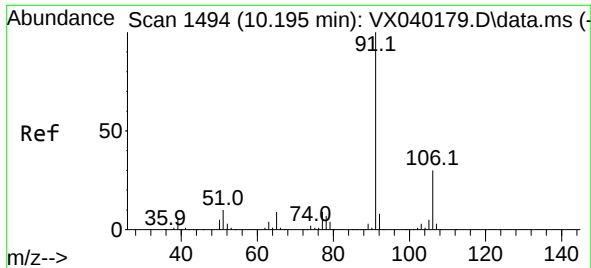
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 153.457 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

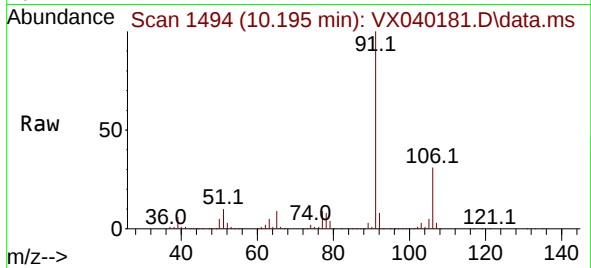
Tgt Ion:131 Resp: 170942
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 142.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

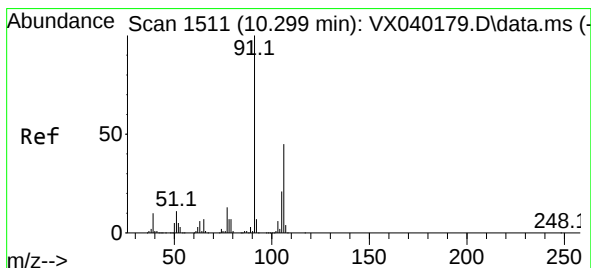
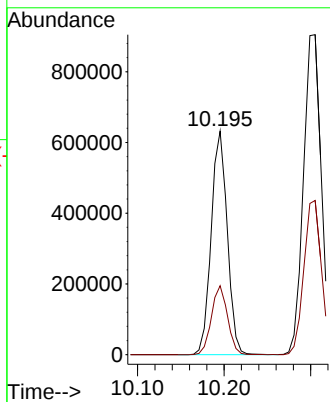
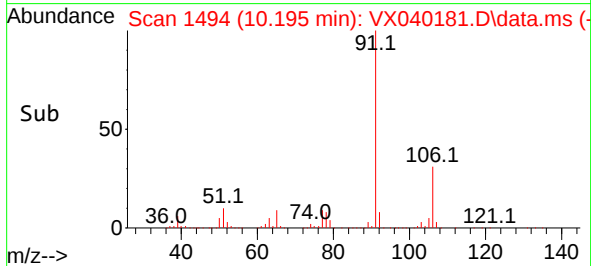
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



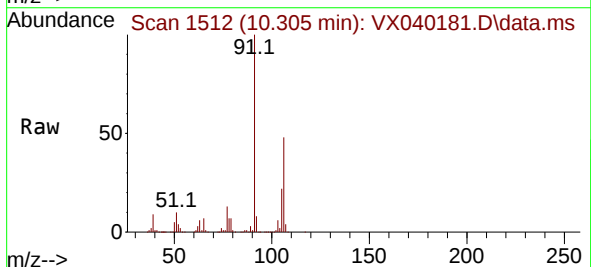
Tgt Ion: 91 Resp: 815879
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

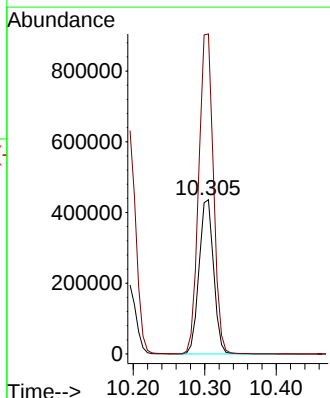
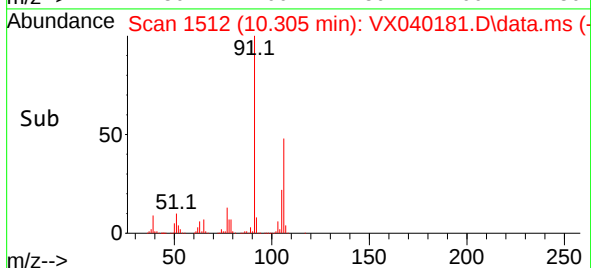
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

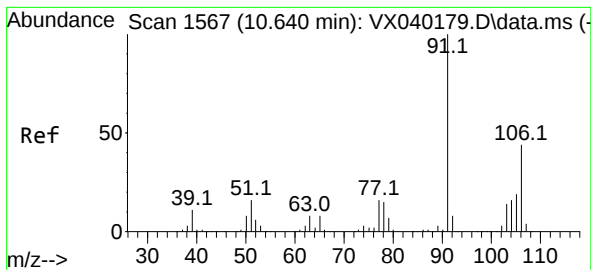


#68
m/p-Xylenes
Concen: 284.587 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion:106 Resp: 615679
Ion Ratio Lower Upper
106 100
91 209.5 165.5 248.3





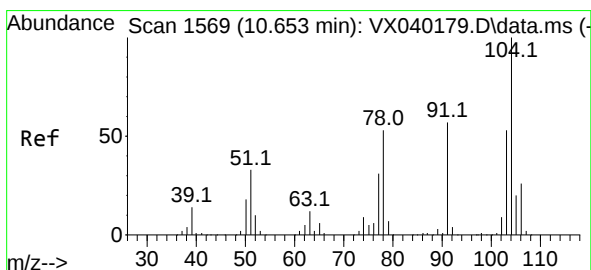
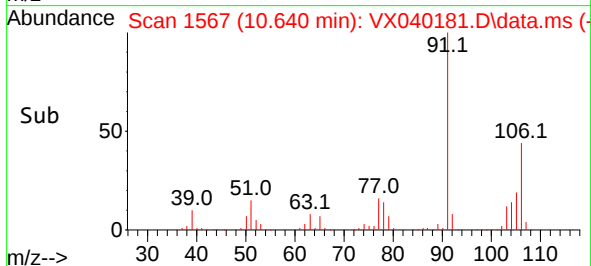
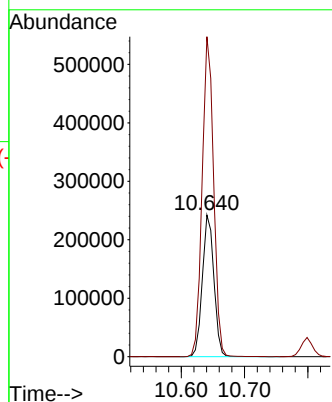
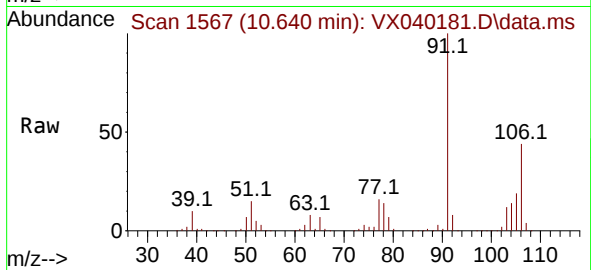
#69
o-Xylene
Concen: 147.042 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 30913
Ion Ratio Lower Upper
106 100
91 223.8 108.9 326.8

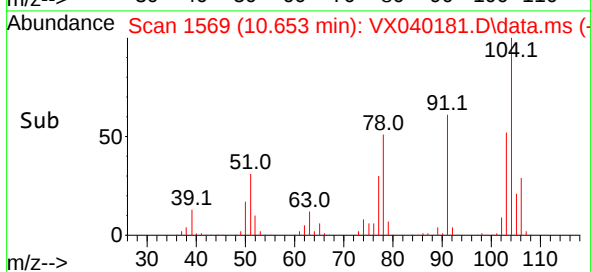
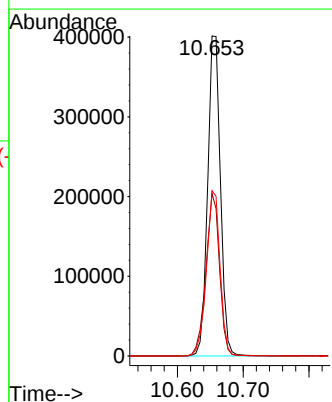
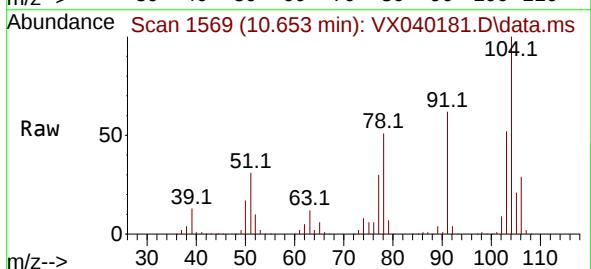
Manual Integrations
APPROVED

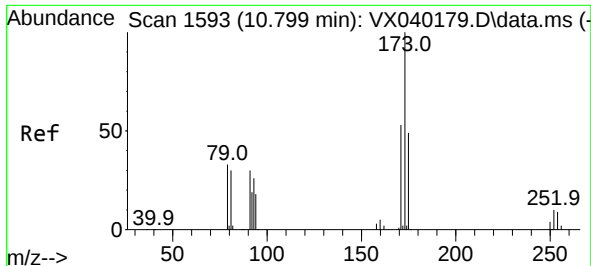
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Styrene
Concen: 155.140 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

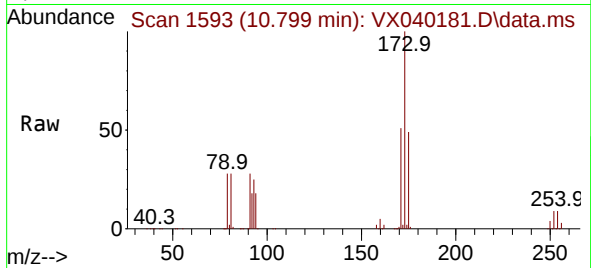
Tgt Ion:104 Resp: 542262
Ion Ratio Lower Upper
104 100
78 54.2 43.6 65.4
103 55.0 43.6 65.4





#71
Bromoform
Concen: 148.670 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

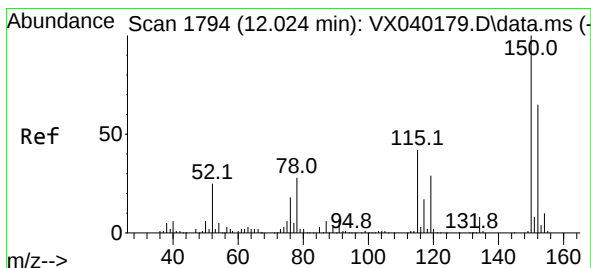
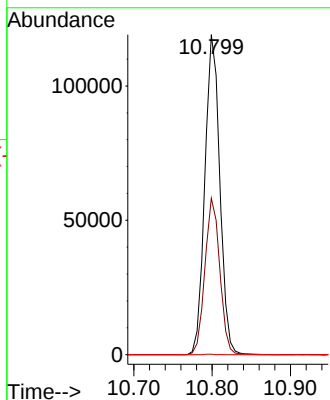
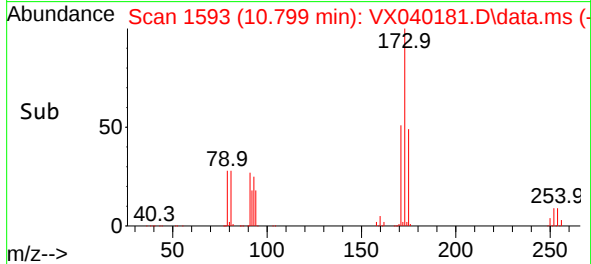
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 15749
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

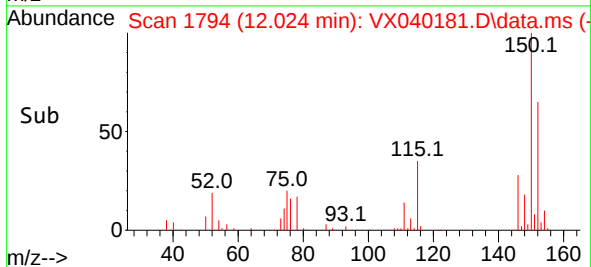
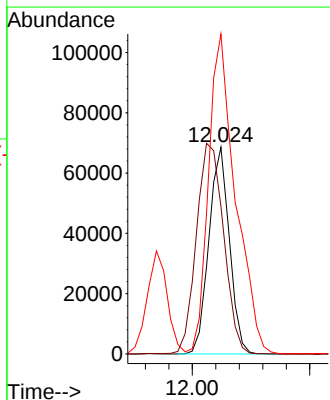
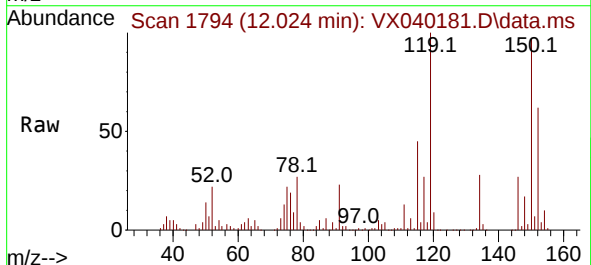
Manual Integrations
APPROVED

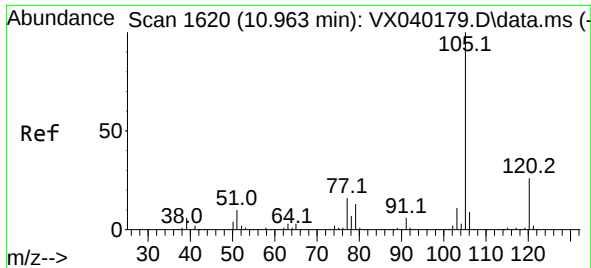
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

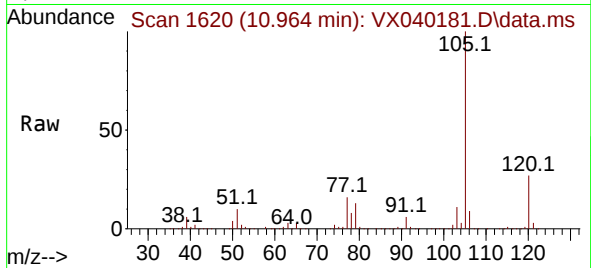
Tgt Ion:152 Resp: 83049
Ion Ratio Lower Upper
152 100
115 135.6 43.3 129.9#
150 203.6 0.0 345.0





#73
Isopropylbenzene
Concen: 144.494 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

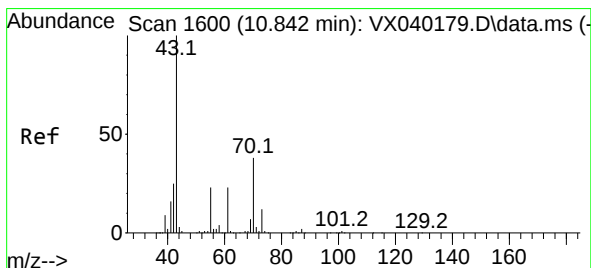
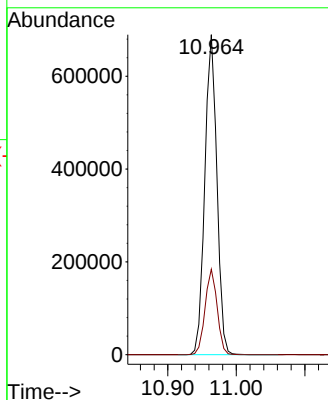
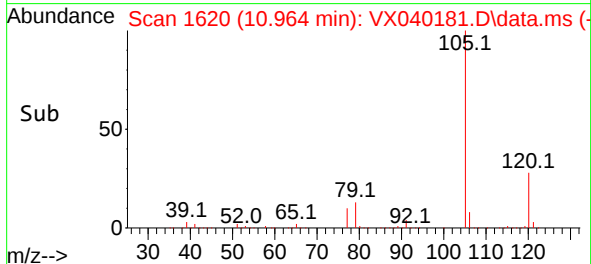
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



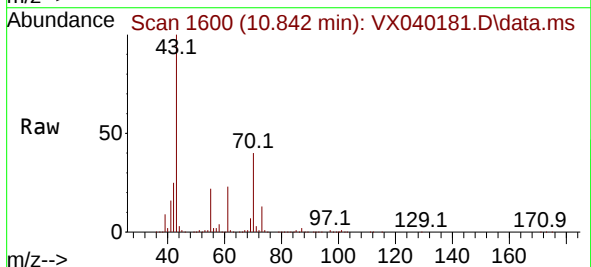
Tgt Ion:105 Resp: 845209
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

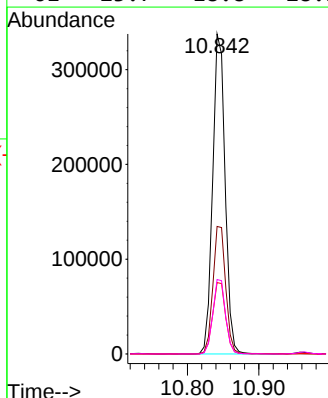
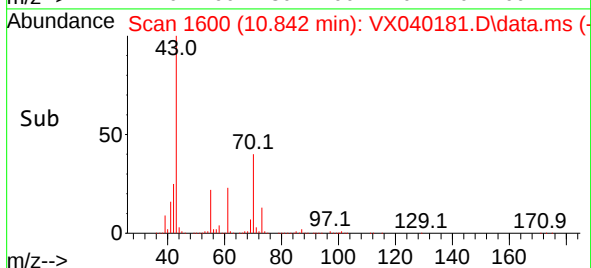
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

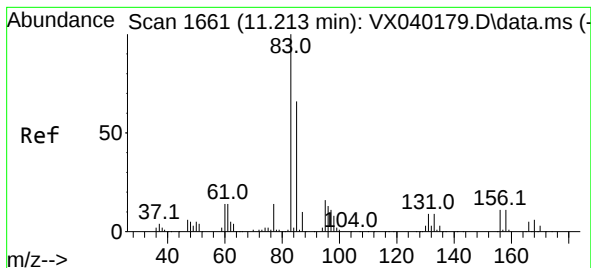


#74
N-ethyl acetate
Concen: 162.835 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion: 43 Resp: 408274
Ion Ratio Lower Upper
43 100
70 40.9 32.9 49.3
55 23.2 19.3 28.9
61 23.7 18.8 28.2





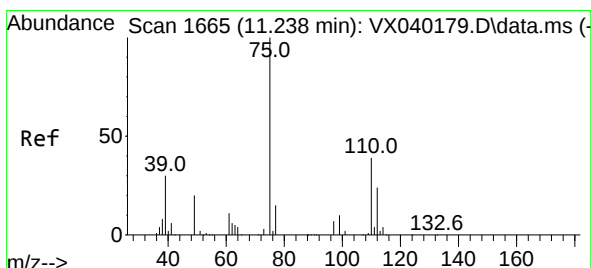
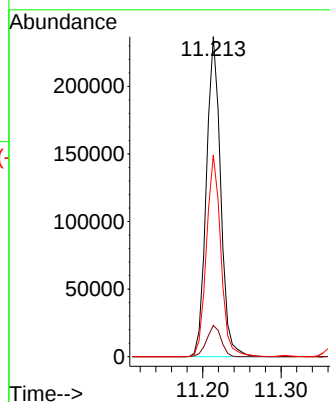
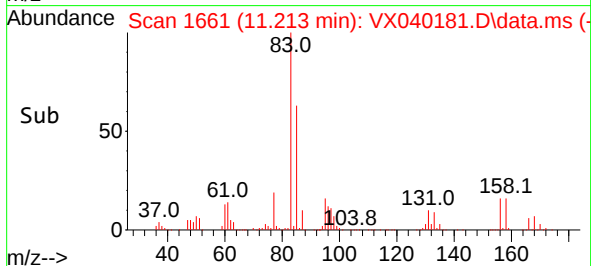
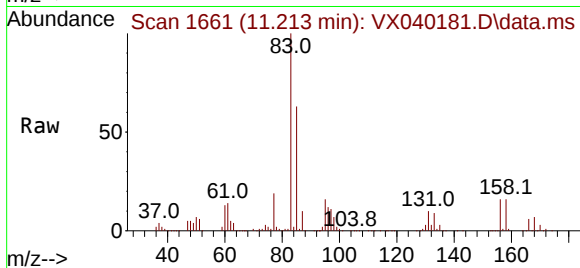
#75
1,1,2,2-Tetrachloroethane
Concen: 142.276 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 298998
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 63.5 32.0 96.2

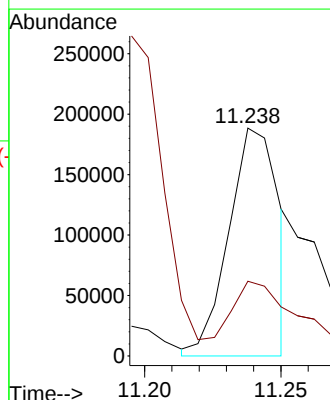
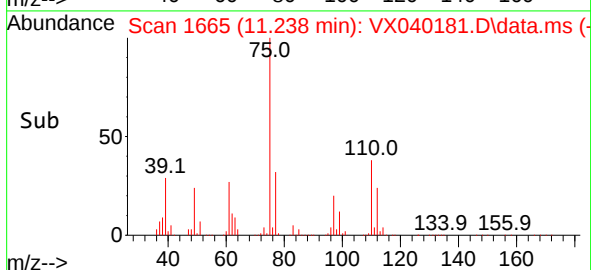
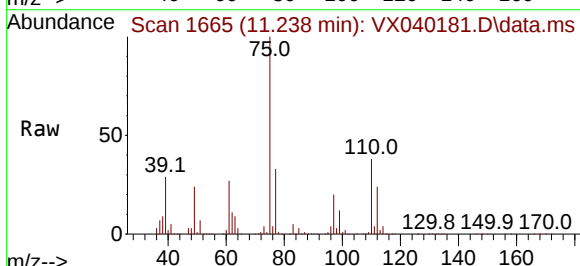
Manual Integrations
APPROVED

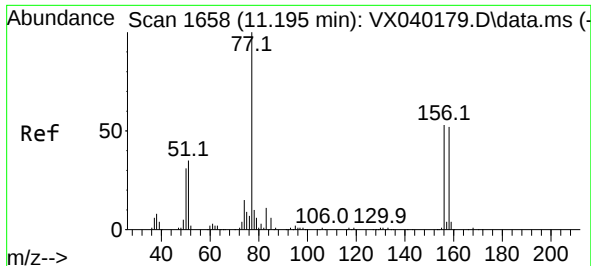
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,2,3-Trichloropropane
Concen: 142.704 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

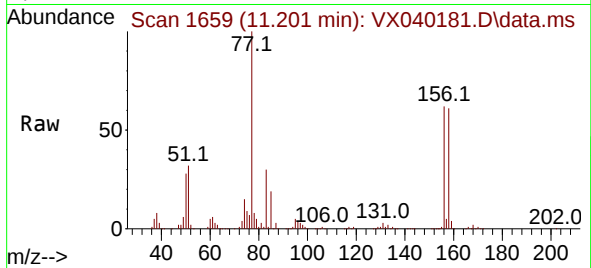
Tgt Ion: 75 Resp: 239996
Ion Ratio Lower Upper
75 100
77 45.9 19.1 57.5





#77
Bromobenzene
Concen: 149.444 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

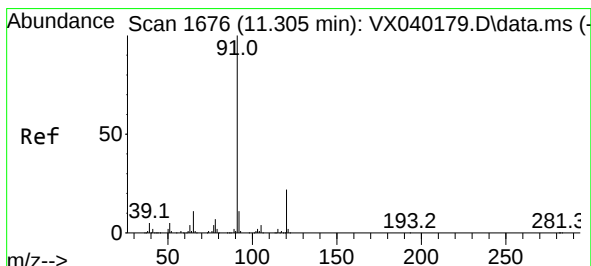
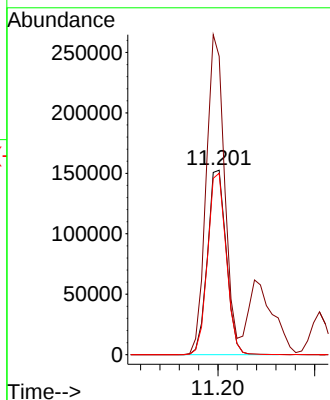
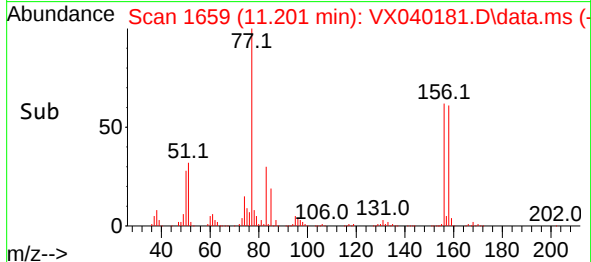
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 206464
Ion Ratio Lower Upper
156 100
77 168.9 88.4 265.3
158 97.3 48.0 144.0

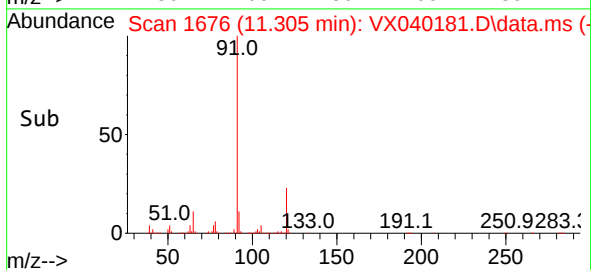
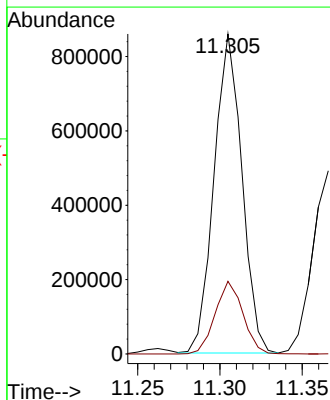
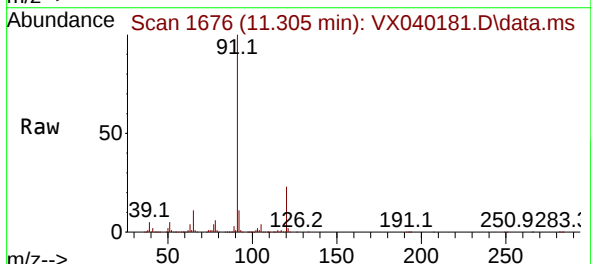
Manual Integrations
APPROVED

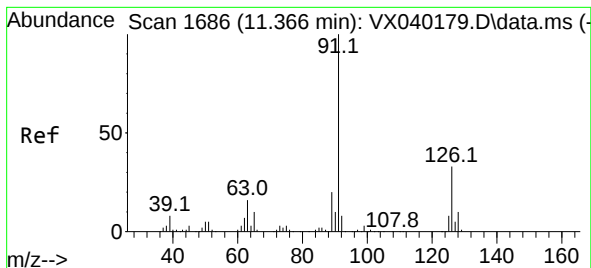
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
n-propylbenzene
Concen: 142.458 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion: 91 Resp: 1008856
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





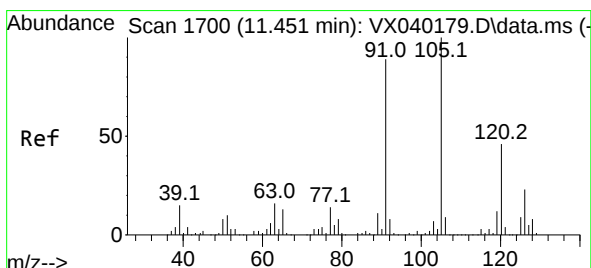
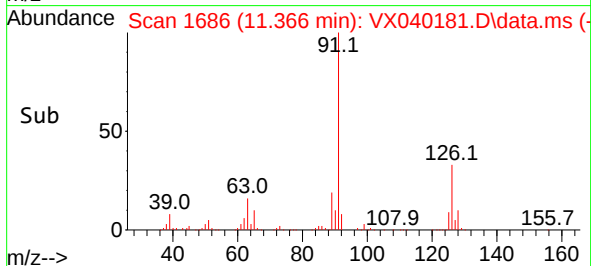
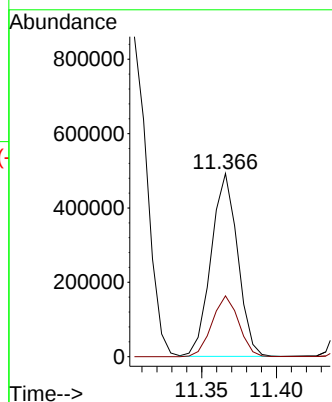
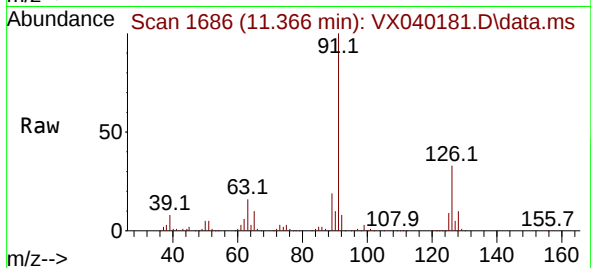
#79
2-Chlorotoluene
Concen: 141.996 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 607222
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

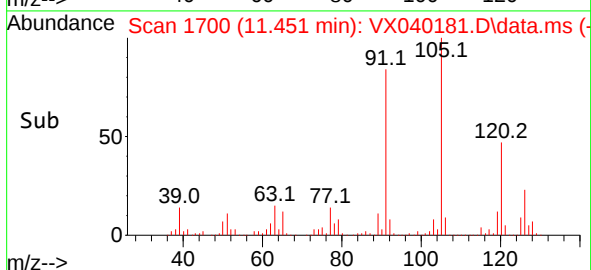
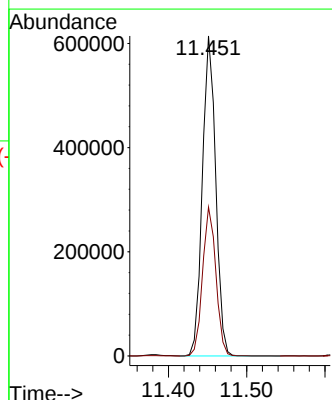
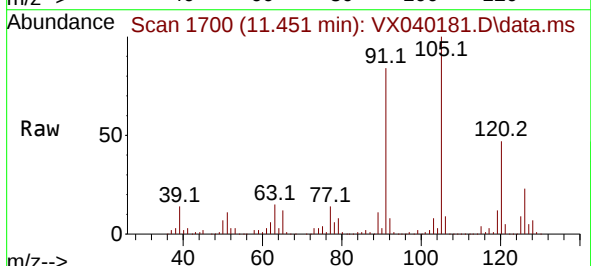
Manual Integrations
APPROVED

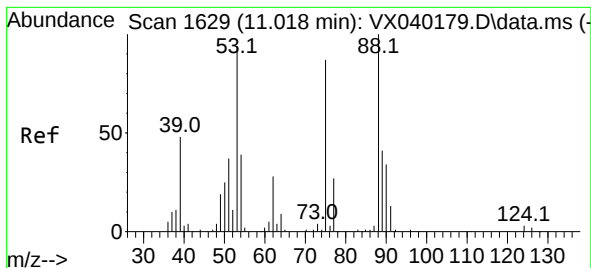
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 147.124 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Tgt Ion:105 Resp: 724512
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





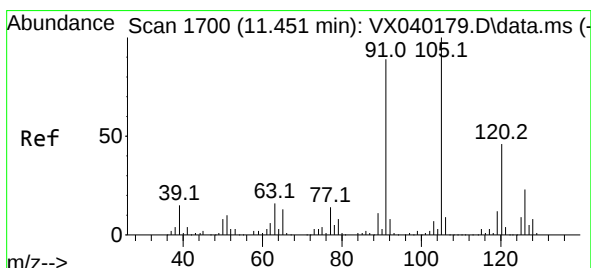
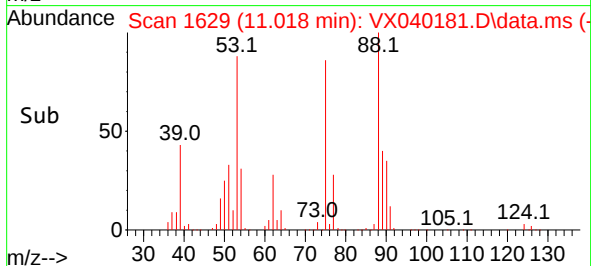
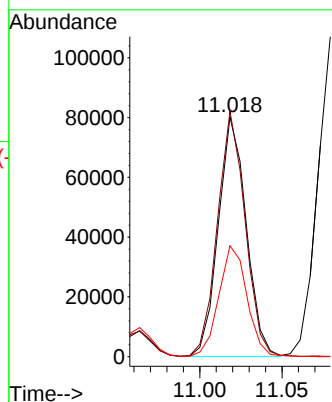
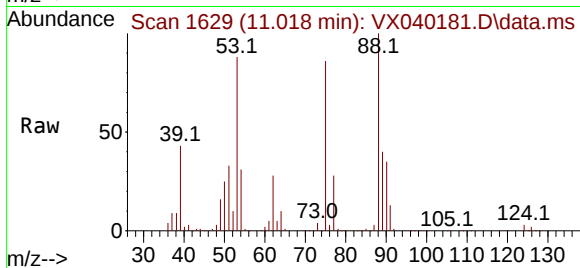
#81
trans-1,4-Dichloro-2-butene
Concen: 149.572 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 94130
Ion Ratio Lower Upper
75 100
53 101.5 90.5 135.7
89 47.0 36.9 55.3

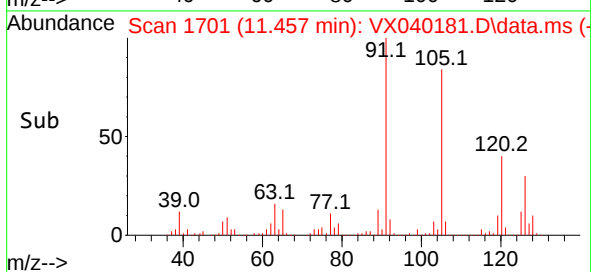
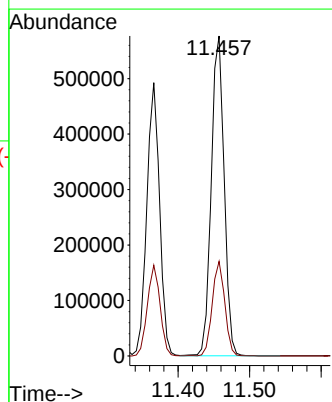
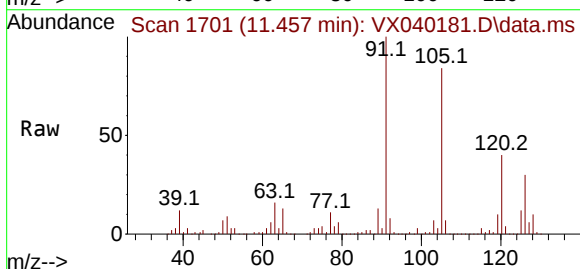
Manual Integrations
APPROVED

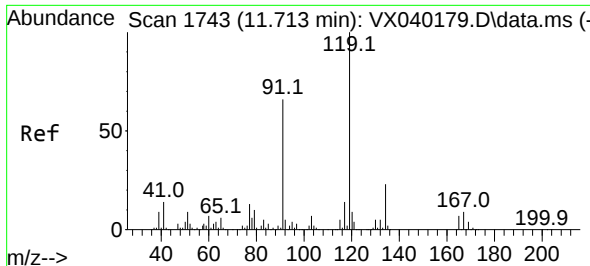
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#82
4-Chlorotoluene
Concen: 142.437 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

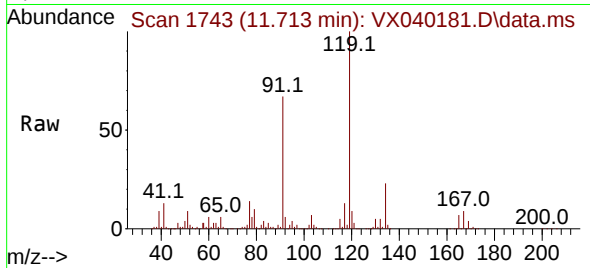
Tgt Ion: 91 Resp: 721694
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 147.514 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

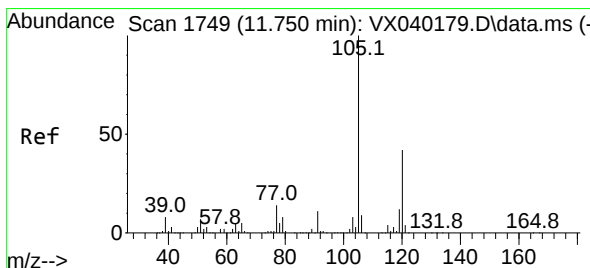
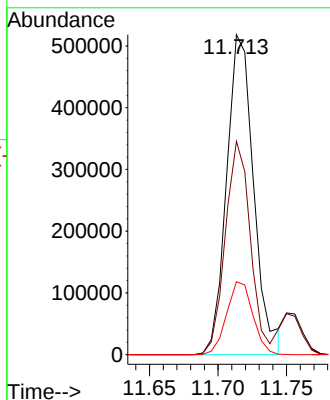
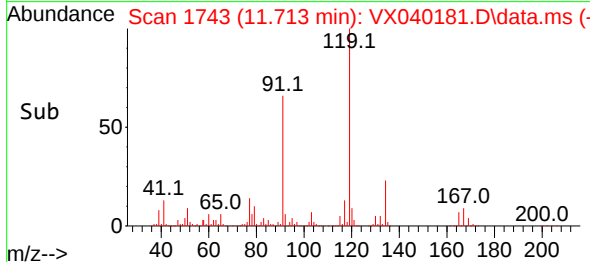
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



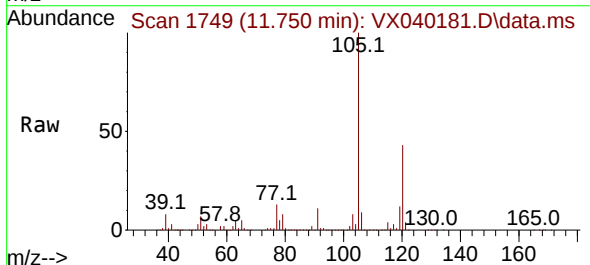
Tgt Ion:119 Resp: 712199
Ion Ratio Lower Upper
119 100
91 61.6 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
APPROVED

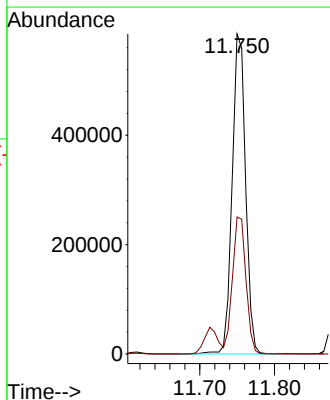
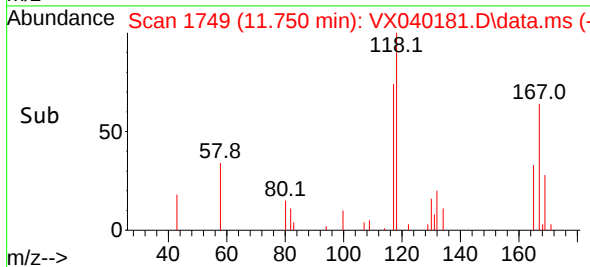
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

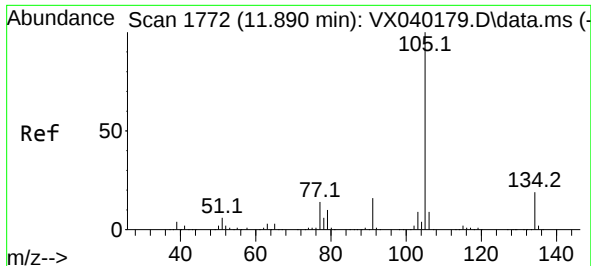


#84
1,2,4-Trimethylbenzene
Concen: 146.203 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



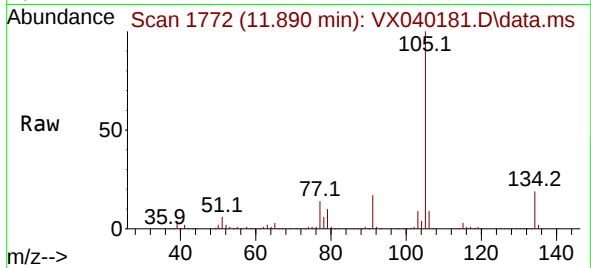
Tgt Ion:105 Resp: 728406
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 145.244 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05

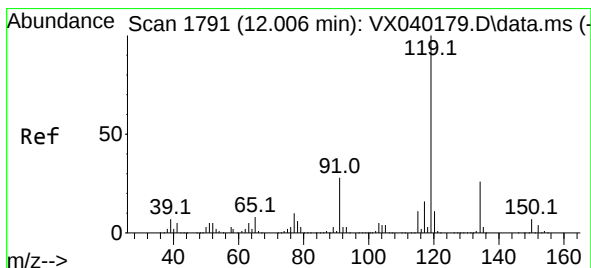
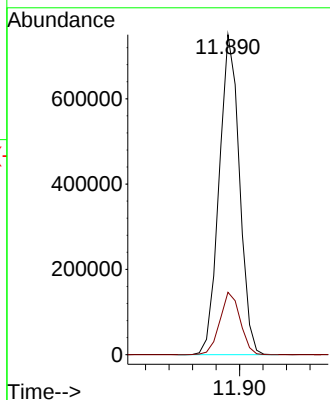
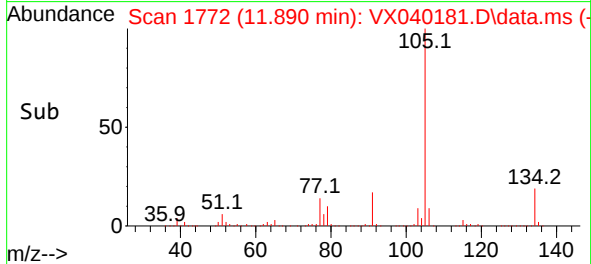
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



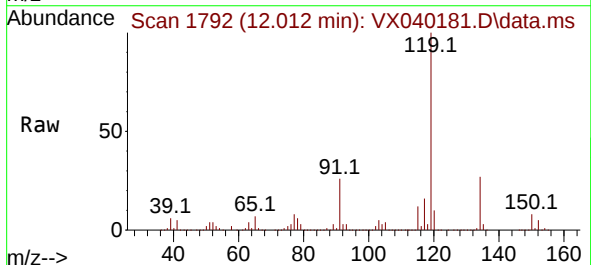
Tgt Ion:105 Resp: 901200
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

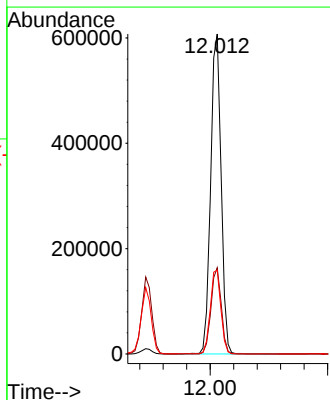
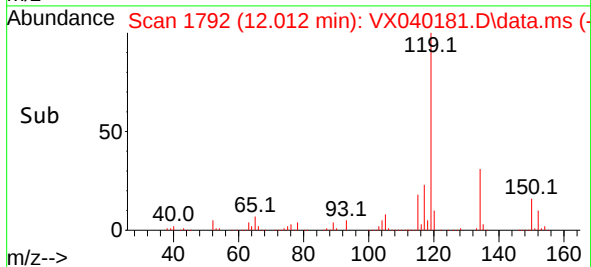
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

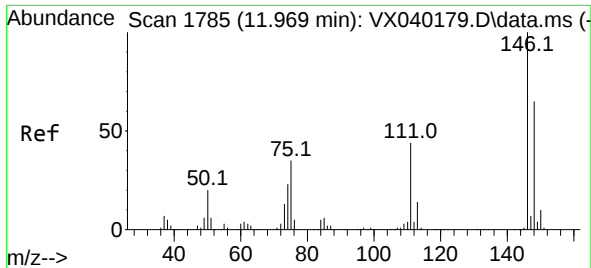


#86
 p-Isopropyltoluene
 Concen: 147.433 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040181.D
 Acq: 09 Feb 2024 18:05



Tgt Ion:119 Resp: 749861
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 145.216 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 397510

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

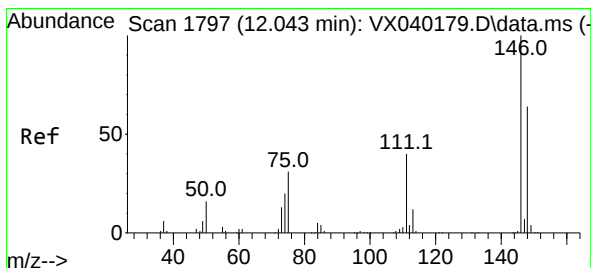
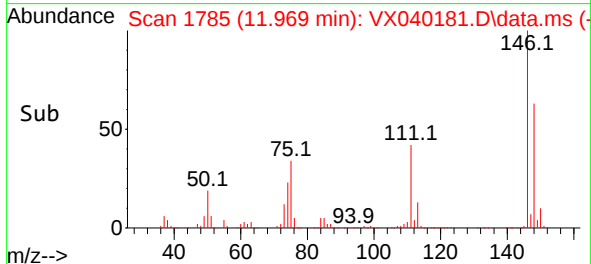
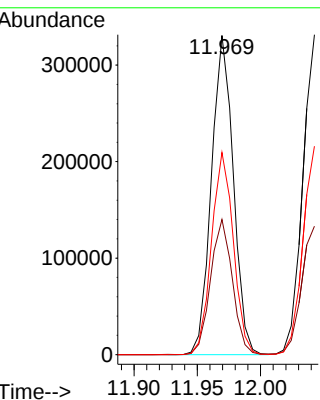
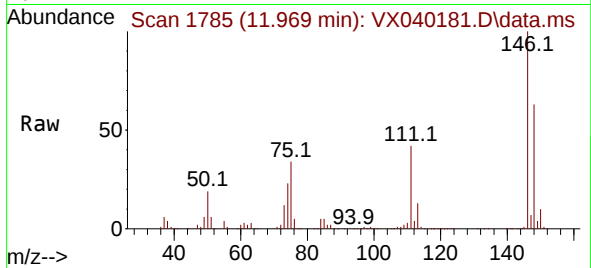
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,4-Dichlorobenzene

Concen: 136.410 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

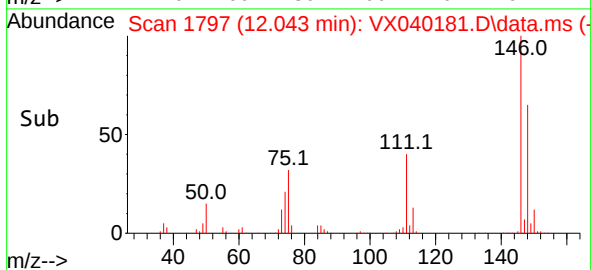
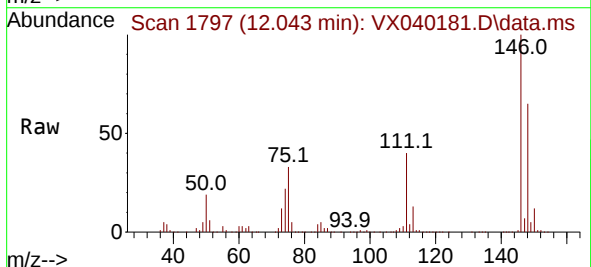
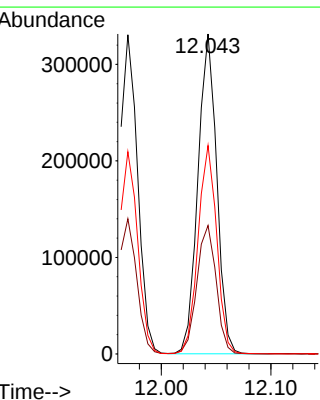
Tgt Ion:146 Resp: 395435

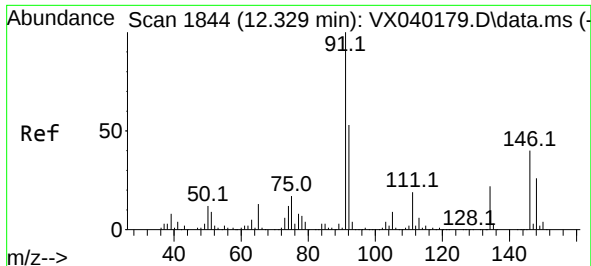
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 146.174 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 71766

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.0

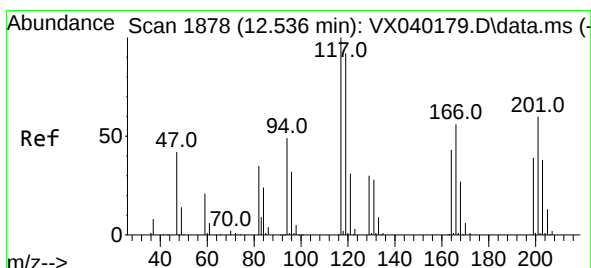
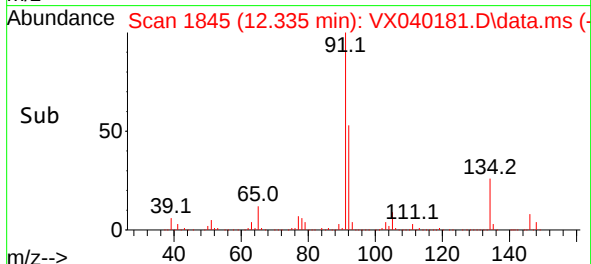
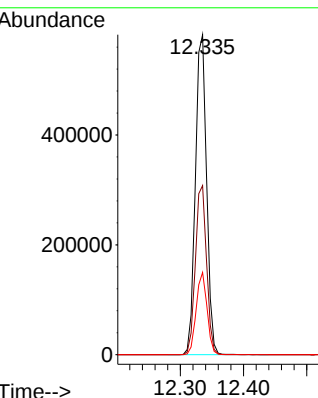
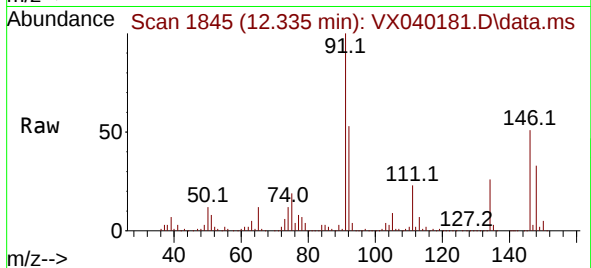
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachloroethane

Concen: 170.557 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040181.D

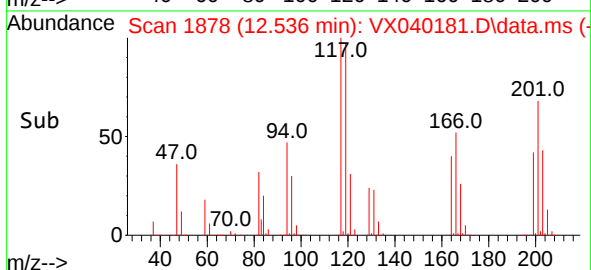
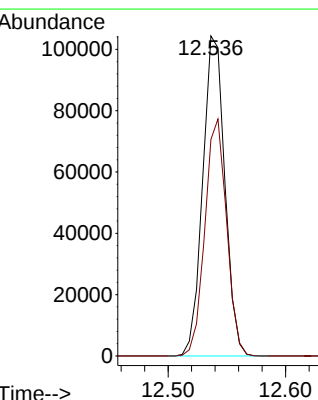
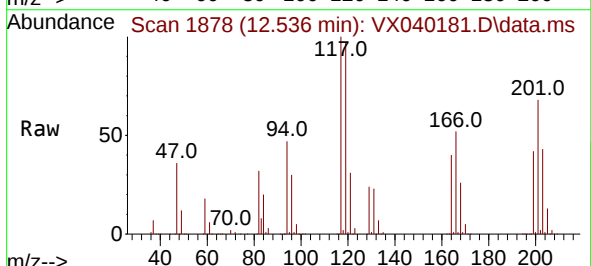
Acq: 09 Feb 2024 18:05

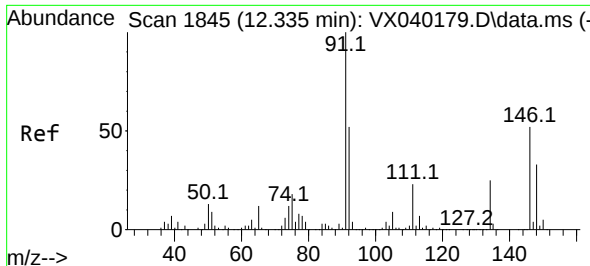
Tgt Ion:117 Resp: 136831

Ion Ratio Lower Upper

117 100

201 72.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 139.280 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 36908

Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.0

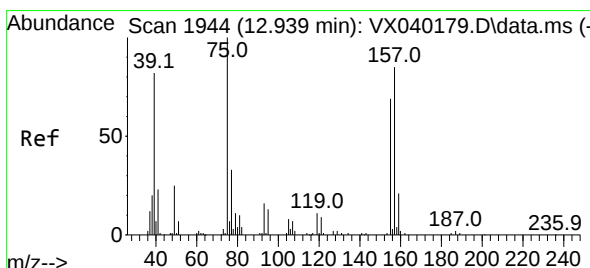
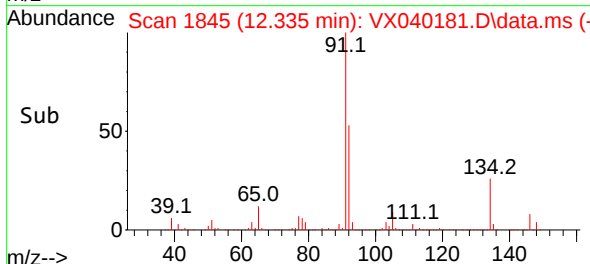
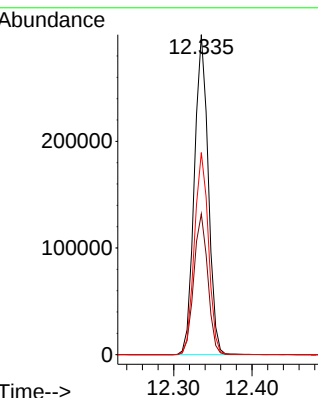
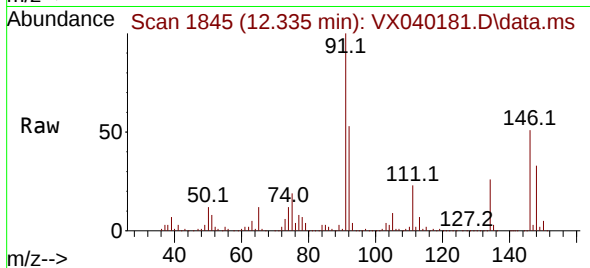
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 156.187 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

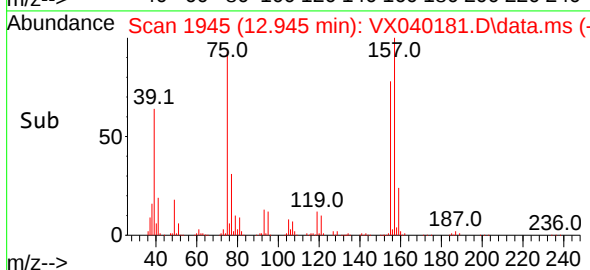
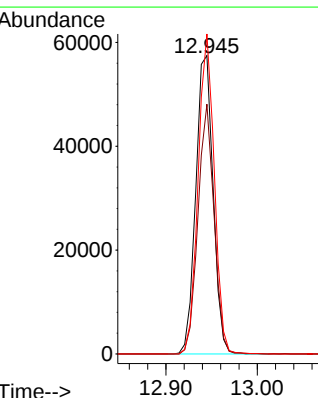
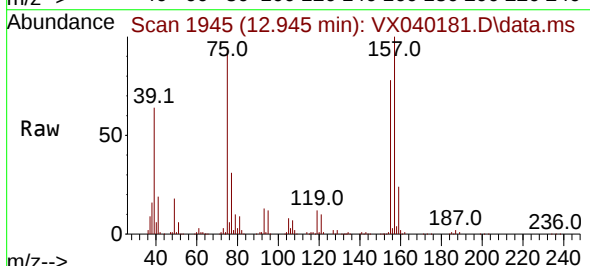
Tgt Ion: 75 Resp: 75756

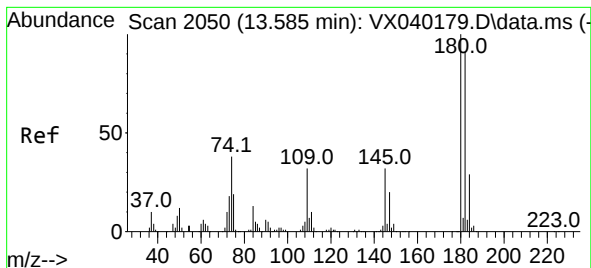
Ion Ratio Lower Upper

75 100

155 77.7 36.1 108.5

157 99.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 141.549 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 256800

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

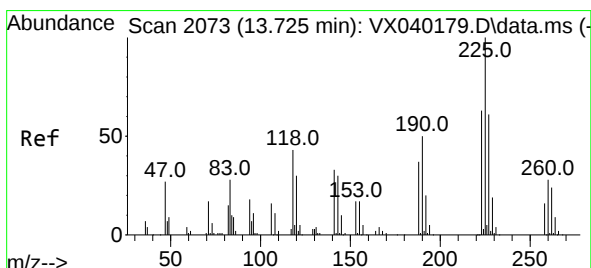
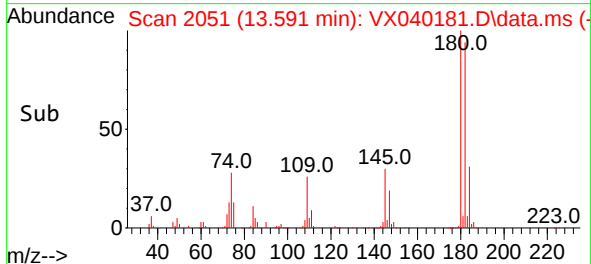
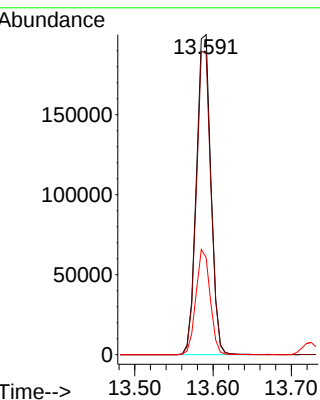
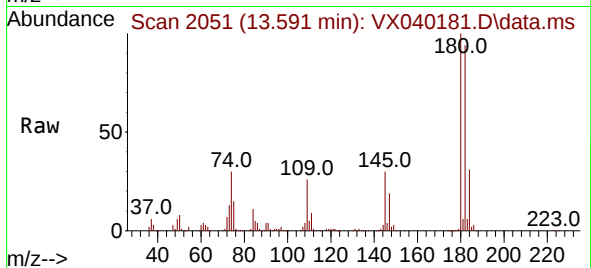
145 32.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#94

Hexachlorobutadiene

Concen: 136.390 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040181.D

Acq: 09 Feb 2024 18:05

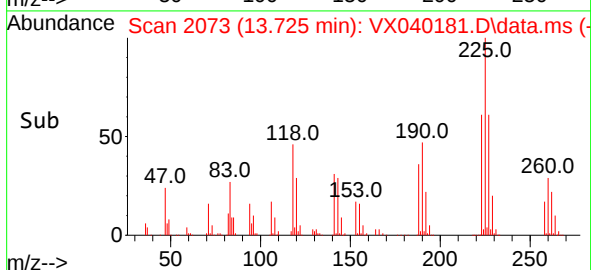
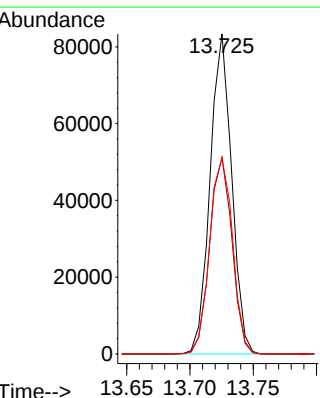
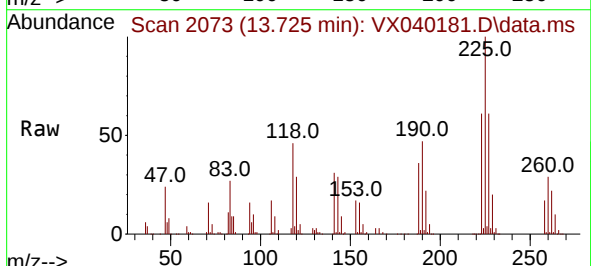
Tgt Ion:225 Resp: 98755

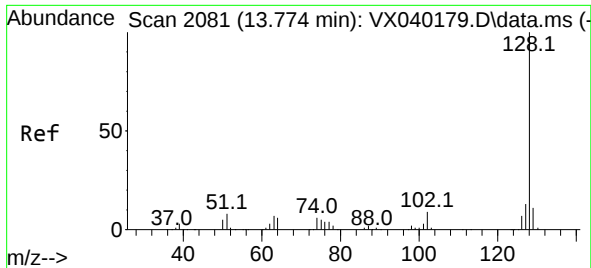
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

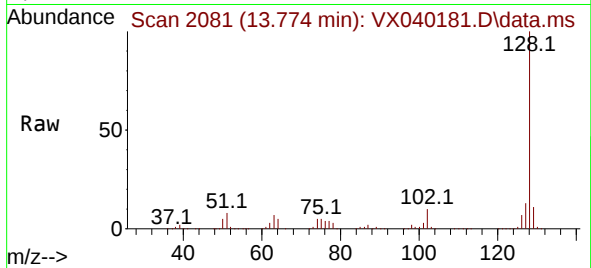
227 65.3 32.5 97.5





#95
Naphthalene
Concen: 147.249 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05

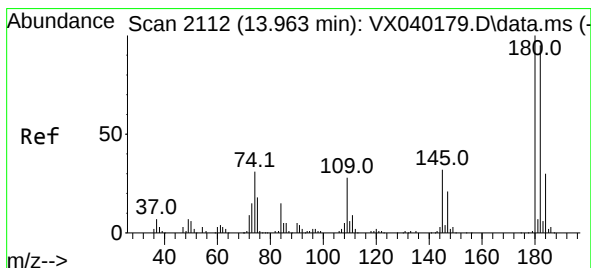
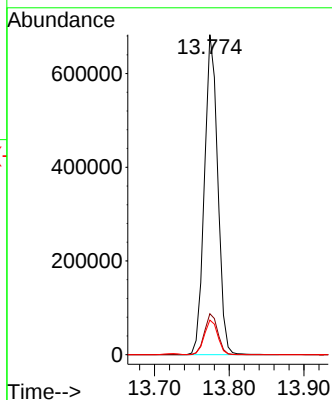
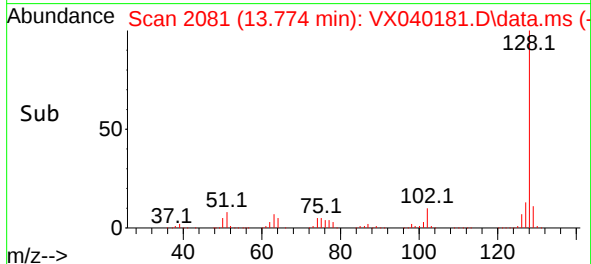
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



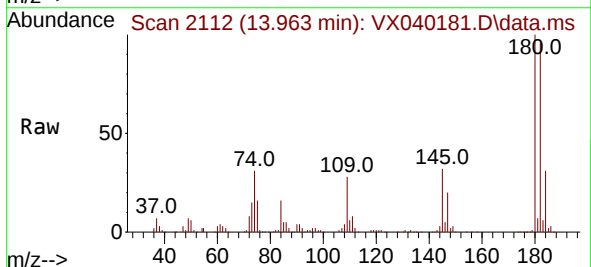
Tgt Ion:128 Resp: 84373
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 144.769 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040181.D
Acq: 09 Feb 2024 18:05



Tgt Ion:180 Resp: 250349
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 33.6 17.8 53.5

