

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041776.D
 Acq On : 06 Jun 2024 16:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 01:01:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	191005	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.751	114	275605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	256753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	139361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107673	45.963	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.920%		
35) Dibromofluoromethane	5.379	113	87476	45.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.820%		
50) Toluene-d8	8.647	98	309155	46.433	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.860%		
62) 4-Bromofluorobenzene	11.079	95	117351	47.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	79936	47.628	ug/l	99
3) Chloromethane	1.301	50	81490	44.501	ug/l	99
4) Vinyl Chloride	1.374	62	87136	46.224	ug/l	100
5) Bromomethane	1.593	94	57920	44.118	ug/l	98
6) Chloroethane	1.666	64	58587	51.420	ug/l	99
7) Trichlorofluoromethane	1.867	101	142619	46.330	ug/l	99
8) Diethyl Ether	2.136	74	53660	45.229	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.313	101	83147	47.668	ug/l	90
10) Methyl Iodide	2.441	142	104657	48.116	ug/l	91
11) Tert butyl alcohol	2.989	59	114883	277.222	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	77460	45.494	ug/l	92
13) Acrolein	2.239	56	95293	246.968	ug/l	99
14) Allyl chloride	2.654	41	136654	48.787	ug/l	99
15) Acrylonitrile	3.062	53	259922	255.752	ug/l	99
16) Acetone	2.386	43	248194	245.229	ug/l	96
17) Carbon Disulfide	2.502	76	165904	44.047	ug/l	99
18) Methyl Acetate	2.703	43	118856	53.136	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	269761	47.355	ug/l	100
20) Methylene Chloride	2.782	84	90759	43.293	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	81198	45.964	ug/l	90
22) Diisopropyl ether	3.763	45	277291	48.440	ug/l	85
23) Vinyl Acetate	3.721	43	1283101	249.499	ug/l	97
24) 1,1-Dichloroethane	3.599	63	152282	47.045	ug/l	97
25) 2-Butanone	4.556	43	378295	259.826	ug/l	97
26) 2,2-Dichloropropane	4.465	77	121073	45.589	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	100636	47.657	ug/l	92
28) Bromochloromethane	4.891	49	63107	45.266	ug/l	# 83
29) Tetrahydrofuran	5.001	42	242778	264.405	ug/l	98
30) Chloroform	5.086	83	162165	47.717	ug/l	96
31) Cyclohexane	5.458	56	128541	46.476	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	140396	47.142	ug/l	98
36) 1,1-Dichloropropene	5.684	75	106983	46.367	ug/l	97
37) Ethyl Acetate	4.715	43	141579	48.622	ug/l	100
38) Carbon Tetrachloride	5.666	117	123734	47.202	ug/l	97
39) Methylcyclohexane	7.373	83	137919	48.655	ug/l	94
40) Benzene	6.031	78	338088	46.879	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	79514	55.836	ug/l	97
42) 1,2-Dichloroethane	6.080	62	127338	47.297	ug/l	97
43) Isopropyl Acetate	6.336	43	217026	49.366	ug/l	99
44) Trichloroethene	7.117	130	92347	47.082	ug/l	90
45) 1,2-Dichloropropane	7.427	63	83906	48.933	ug/l	100
46) Dibromomethane	7.574	93	63181	48.040	ug/l #	80
47) Bromodichloromethane	7.818	83	120978	49.678	ug/l	97
48) Methyl methacrylate	7.690	41	109091	51.672	ug/l	96
49) 1,4-Dioxane	7.659	88	49561	1074.395	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	747745	262.293	ug/l	99
52) Toluene	8.714	92	220624	48.204	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	121929	50.866	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	132222	49.862	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	89734	48.637	ug/l	98
56) Ethyl methacrylate	9.116	69	145956	51.830	ug/l	99
57) 1,3-Dichloropropane	9.305	76	146924	47.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	344521	259.862	ug/l	95
59) 2-Hexanone	9.427	43	580583	267.125	ug/l	98
60) Dibromochloromethane	9.519	129	103819	50.726	ug/l	99
61) 1,2-Dibromoethane	9.604	107	94511	48.536	ug/l	99
64) Tetrachloroethene	9.269	164	90147	46.846	ug/l	92
65) Chlorobenzene	10.079	112	259135	47.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	91249	47.723	ug/l	98
67) Ethyl Benzene	10.189	91	426627	48.583	ug/l	98
68) m/p-Xylenes	10.299	106	338241	96.821	ug/l	95
69) o-Xylene	10.640	106	166936	48.035	ug/l	94
70) Styrene	10.652	104	286017	49.827	ug/l	96
71) Bromoform	10.799	173	83726	50.281	ug/l #	99
73) Isopropylbenzene	10.963	105	432326	50.011	ug/l	97
74) N-amyl acetate	10.841	43	198619	51.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	144672	47.157	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122660m	50.445	ug/l	
77) Bromobenzene	11.195	156	118728	46.529	ug/l	82
78) n-propylbenzene	11.305	91	493094	51.946	ug/l	97
79) 2-Chlorotoluene	11.366	91	298669	48.953	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	363071	50.303	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44572	49.960	ug/l	98
82) 4-Chlorotoluene	11.451	91	345903	49.834	ug/l	94
83) tert-Butylbenzene	11.713	119	385939	49.640	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	370096	50.609	ug/l	95
85) sec-Butylbenzene	11.890	105	466001	52.281	ug/l	96
86) p-Isopropyltoluene	12.006	119	410147	52.466	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	219893	48.253	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	221407	47.132	ug/l	96
89) n-Butylbenzene	12.329	91	338246	54.657	ug/l	98
90) Hexachloroethane	12.536	117	66849	50.277	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	222074	47.842	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33142	53.475	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	153426	50.152	ug/l	95
94) Hexachlorobutadiene	13.725	225	72899	48.097	ug/l	99
95) Naphthalene	13.774	128	461858	51.160	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154699	49.135	ug/l	95

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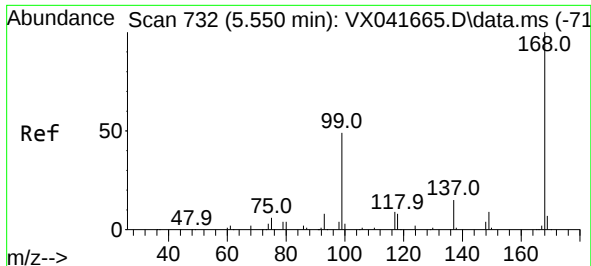
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/07/2024

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Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

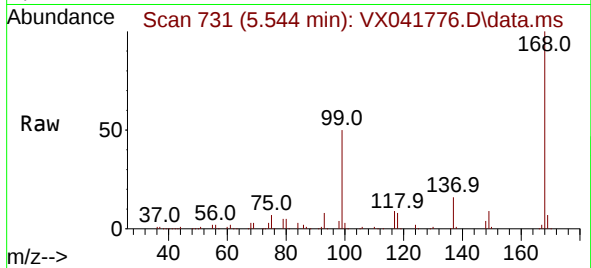
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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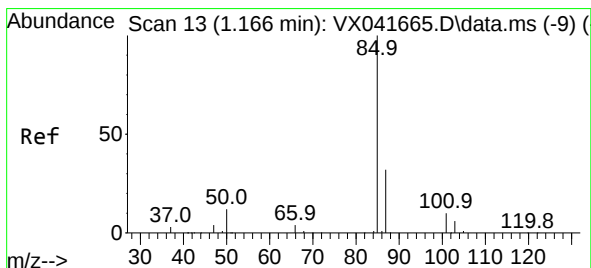
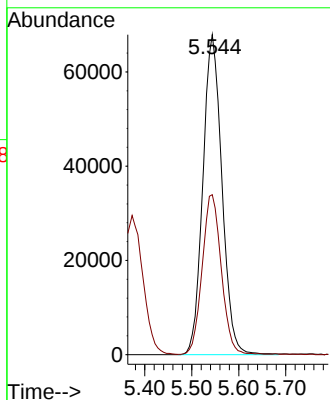
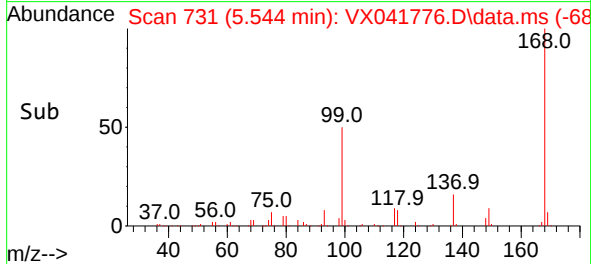
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 19100
Ion Ratio Lower Upper
168 100
99 49.9 56.6 85.0

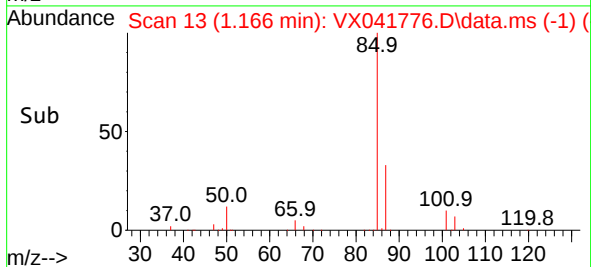
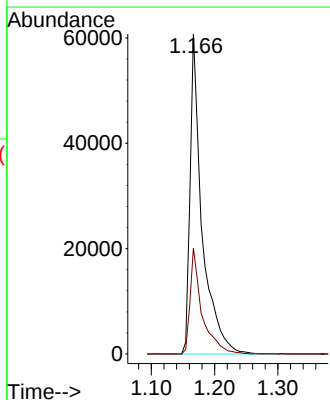
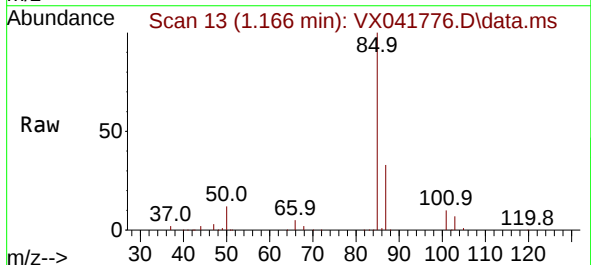
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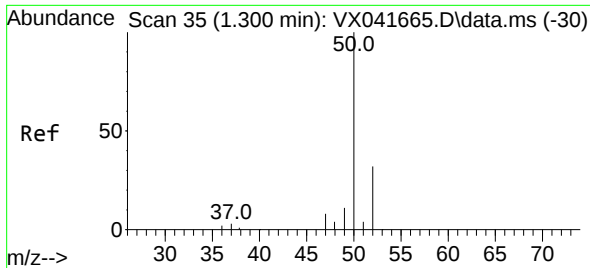
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#2
Dichlorodifluoromethane
Concen: 47.628 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 85 Resp: 79936
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





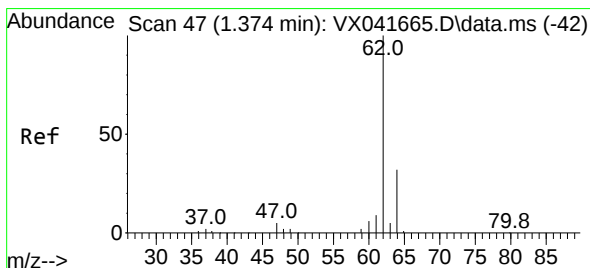
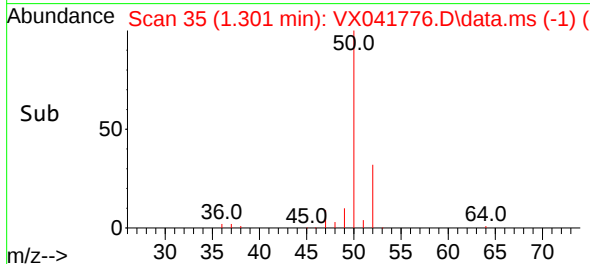
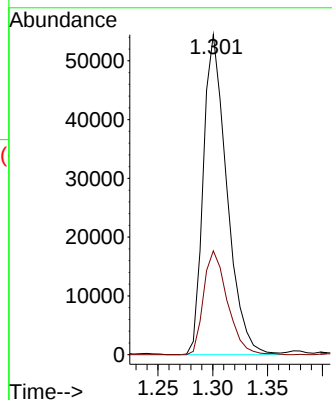
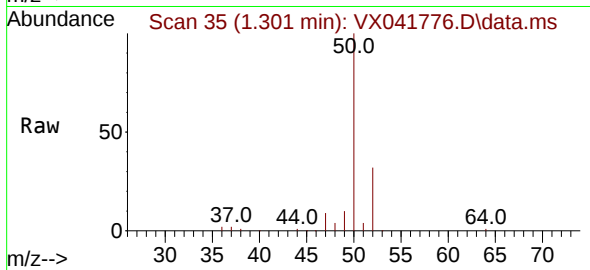
#3
Chloromethane
Concen: 44.501 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

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Tgt Ion: 50 Resp: 81490
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

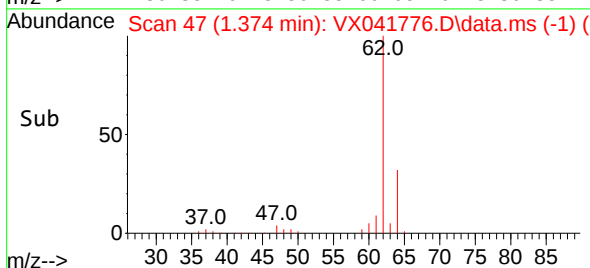
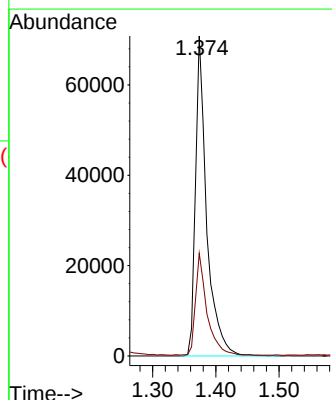
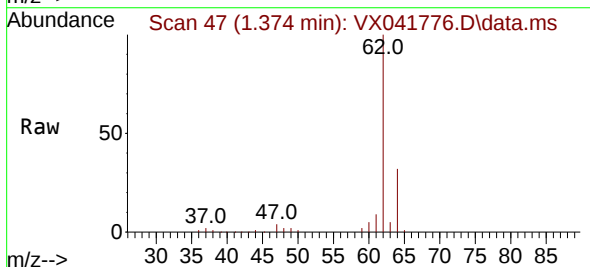
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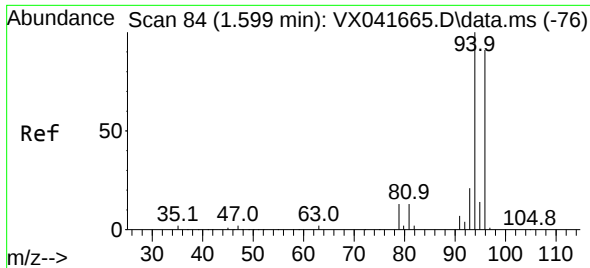
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#4
Vinyl Chloride
Concen: 46.224 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

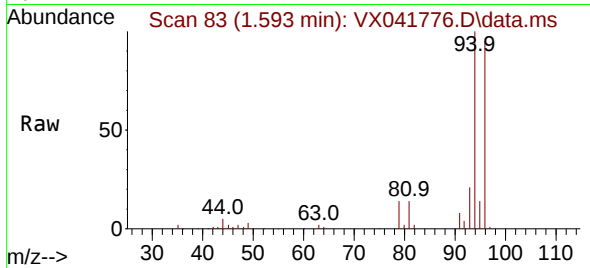
Tgt Ion: 62 Resp: 87136
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 44.118 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

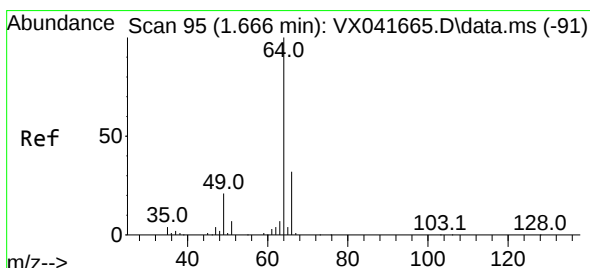
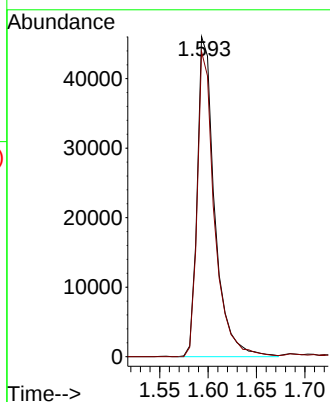
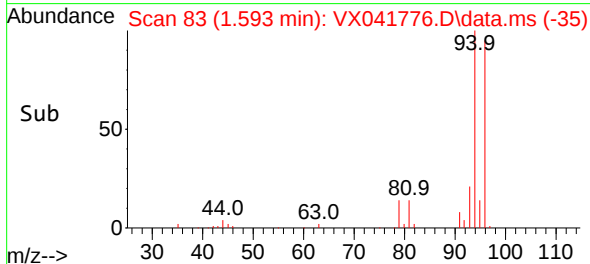
Instrument :
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Tgt Ion: 94 Resp: 57920
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

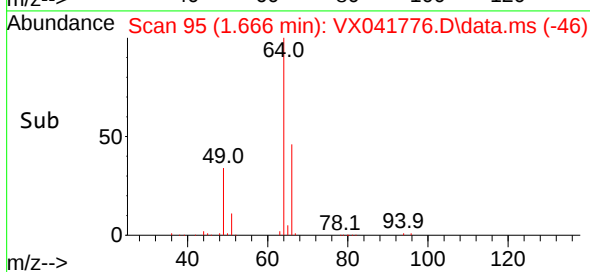
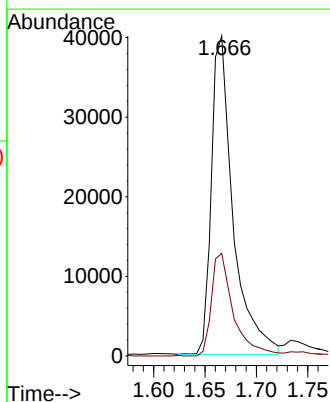
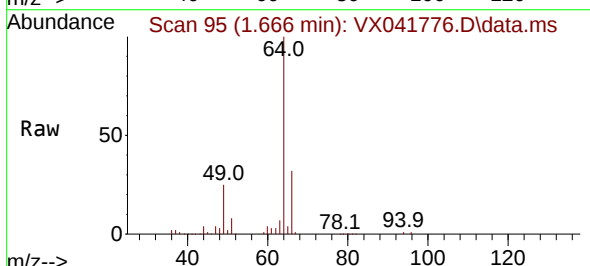
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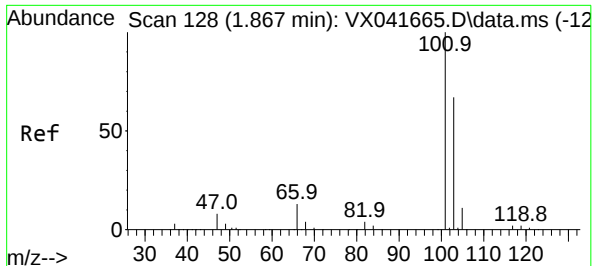
Reviewed By :John Carlone 06/07/2024
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#6
Chloroethane
Concen: 51.420 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041776.D
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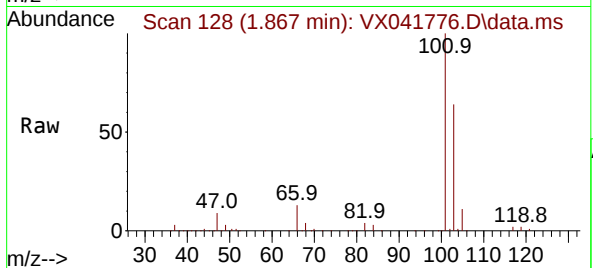
Tgt Ion: 64 Resp: 58587
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.330 ug/l
RT: 1.867 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

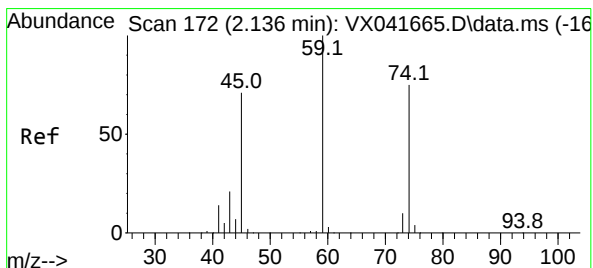
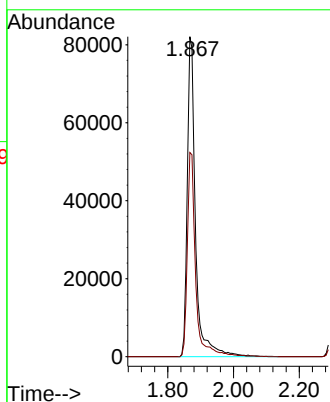
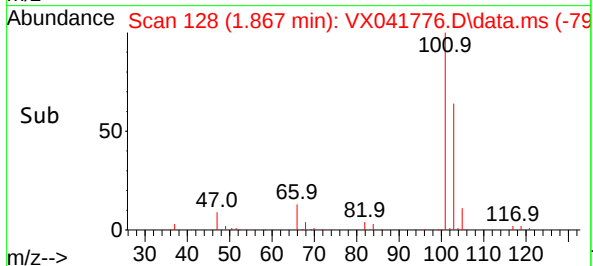
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 142619
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

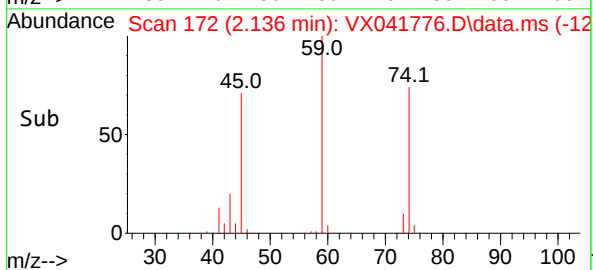
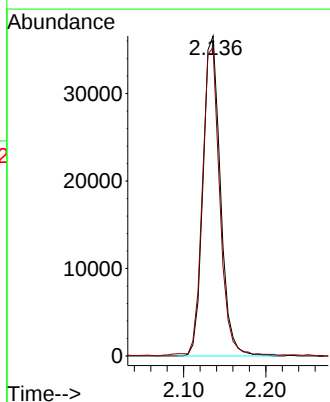
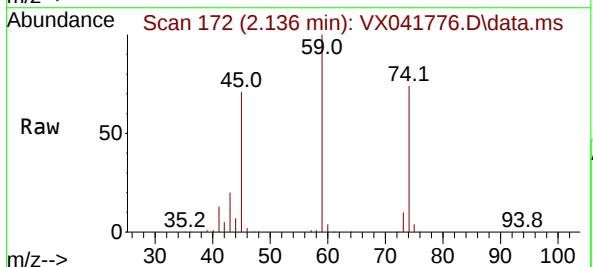
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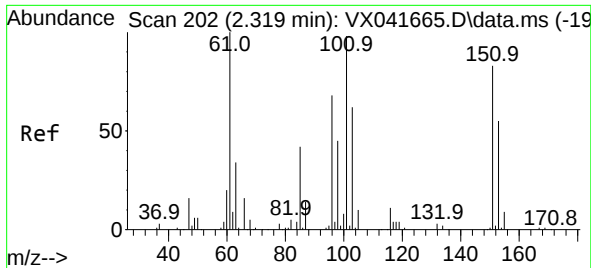
Reviewed By :John Carlone 06/07/2024
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#8
Diethyl Ether
Concen: 45.229 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 74 Resp: 53660
Ion Ratio Lower Upper
74 100
45 97.9 53.3 159.8





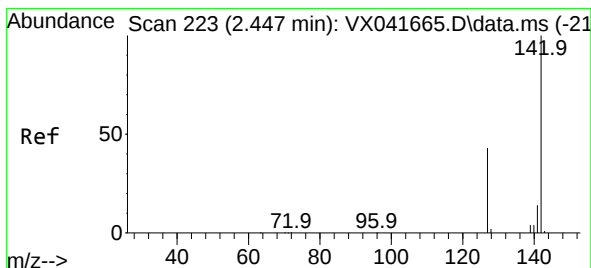
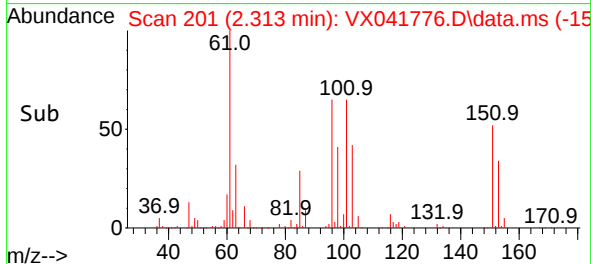
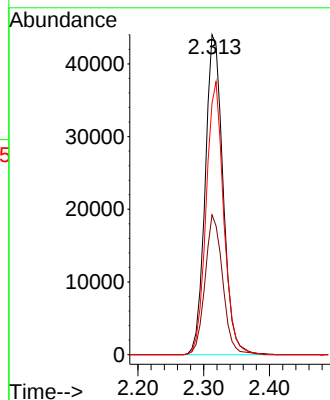
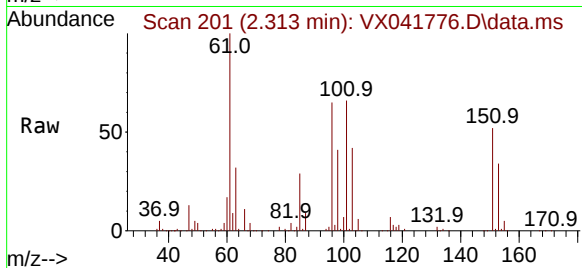
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.668 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8314
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 83.7 58.6 87.8

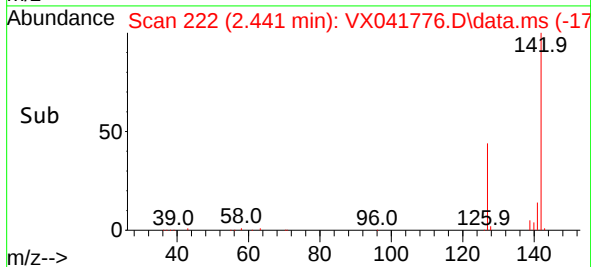
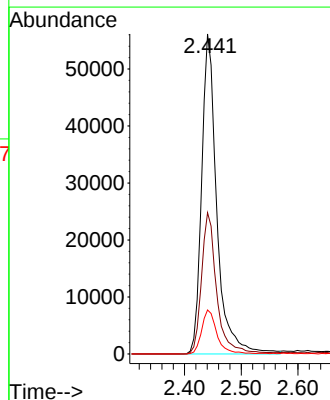
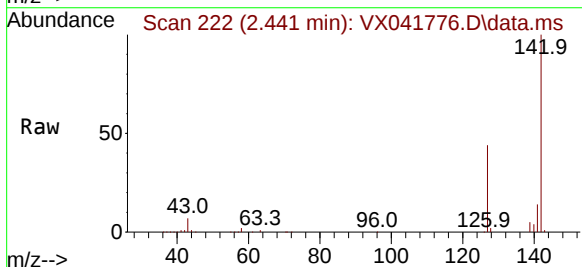
Manual Integrations
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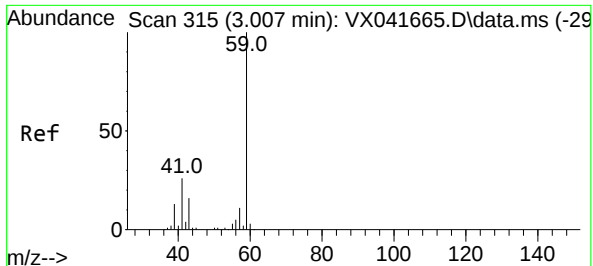
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#10
Methyl Iodide
Concen: 48.116 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

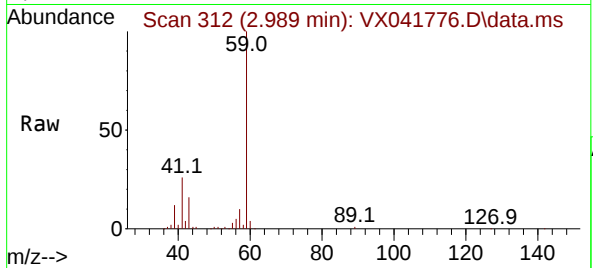
Tgt Ion:142 Resp: 104657
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 277.222 ug/l
RT: 2.989 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

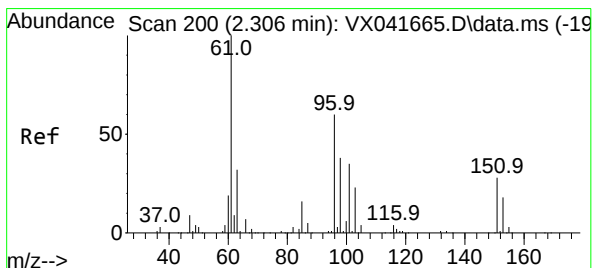
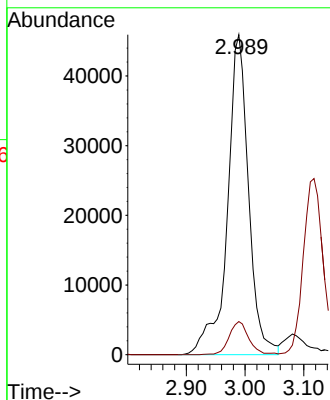
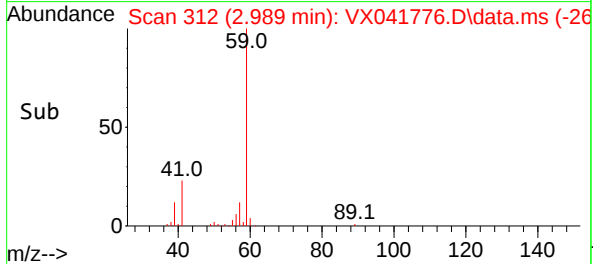
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 11488
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0

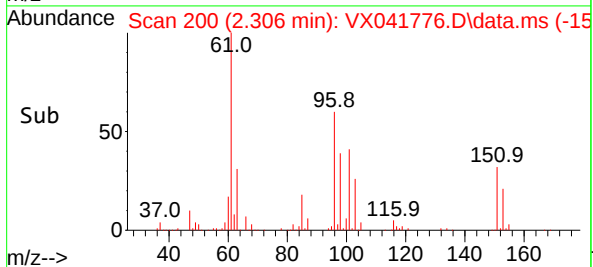
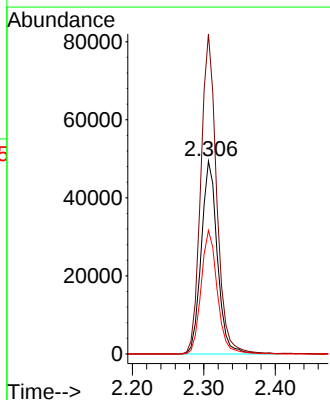
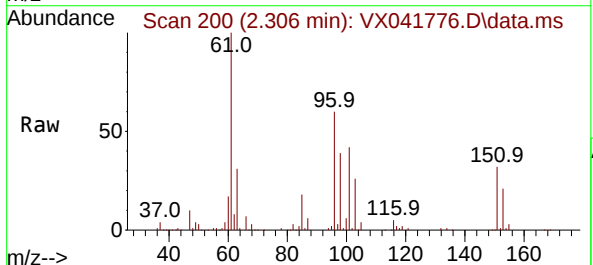
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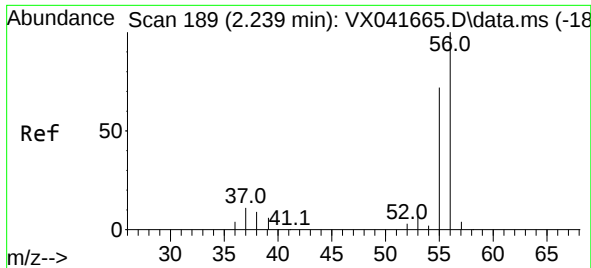
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#12
1,1-Dichloroethene
Concen: 45.494 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 96 Resp: 77460
Ion Ratio Lower Upper
96 100
61 166.0 144.6 216.8
98 64.1 50.4 75.6





#13

Acrolein

Concen: 246.968 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 9529

Ion Ratio Lower Upper

56 100

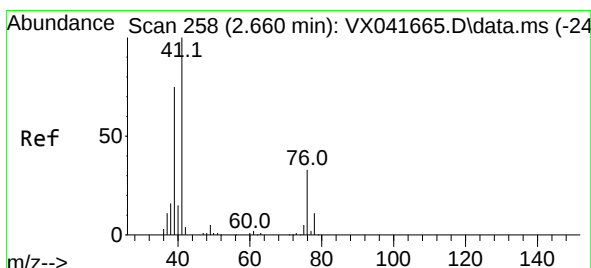
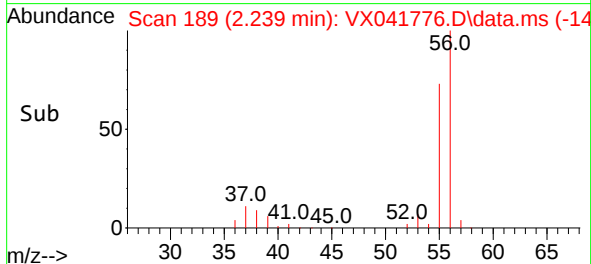
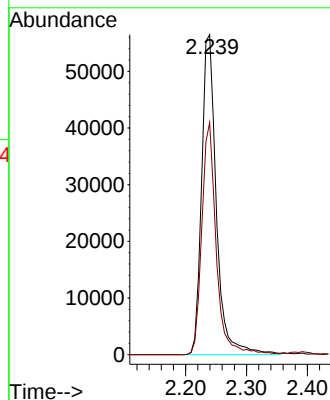
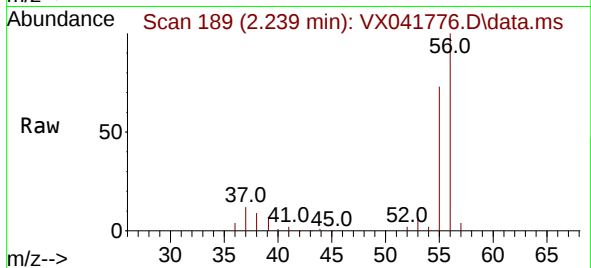
55 70.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#14

Allyl chloride

Concen: 48.787 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

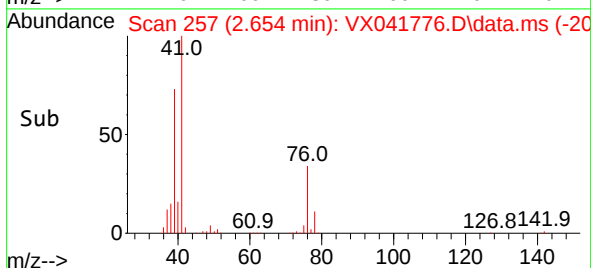
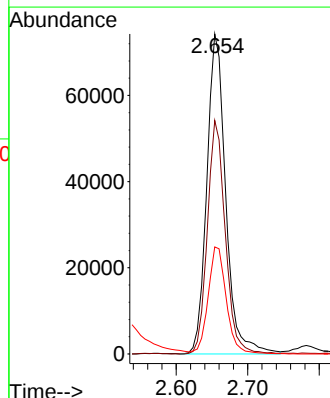
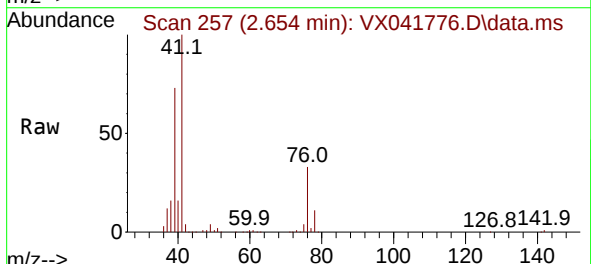
Tgt Ion: 41 Resp: 136654

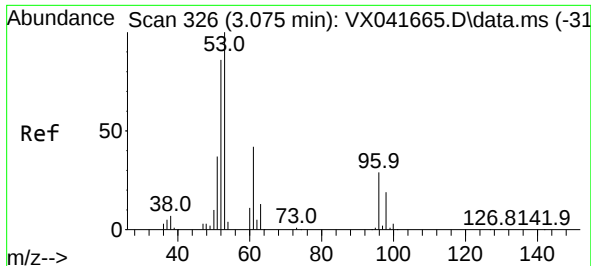
Ion Ratio Lower Upper

41 100

39 69.2 55.8 83.6

76 32.3 24.3 36.5





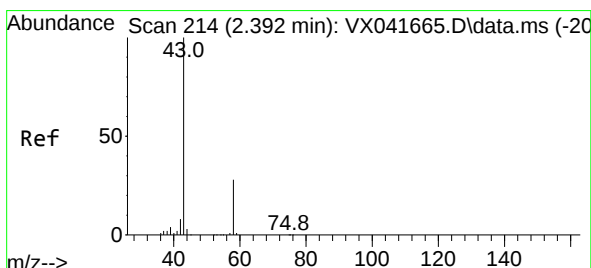
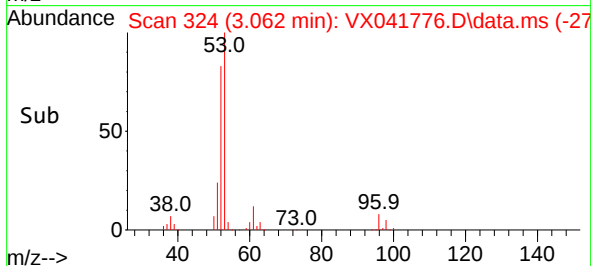
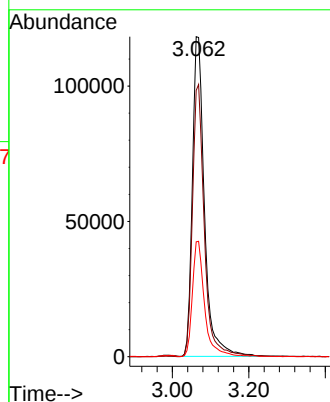
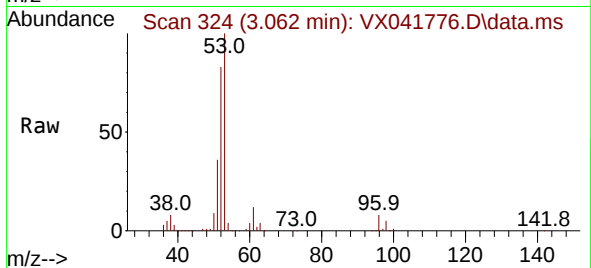
#15
Acrylonitrile
Concen: 255.752 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 25992
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.2 29.8 44.6

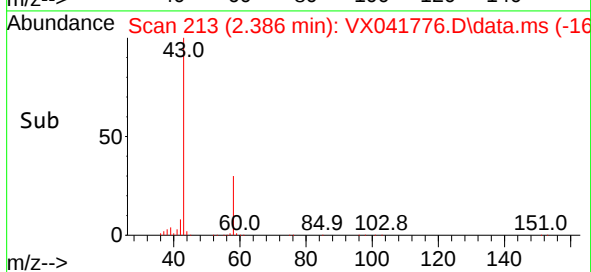
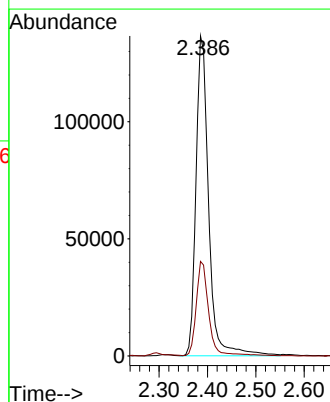
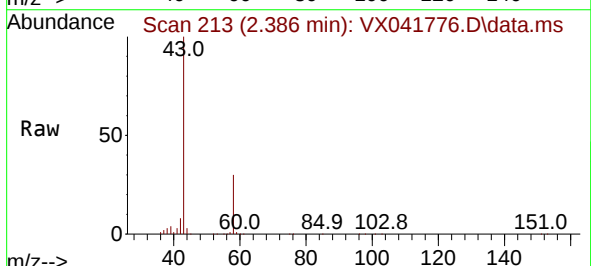
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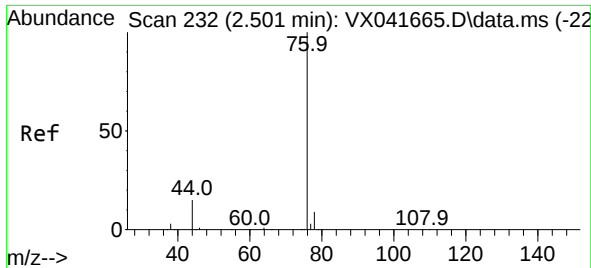
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#16
Acetone
Concen: 245.229 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 43 Resp: 248194
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#17

Carbon Disulfide

Concen: 44.047 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 165904

Ion Ratio Lower Upper

76 100

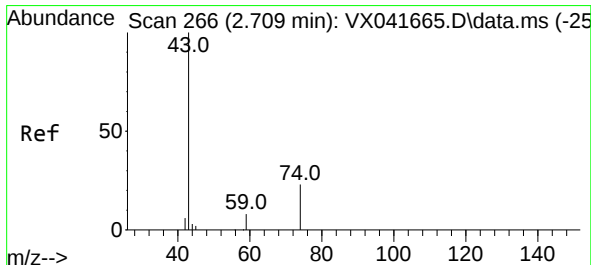
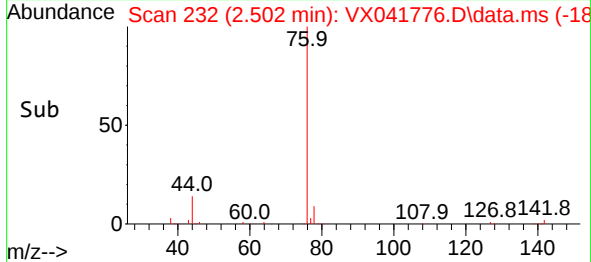
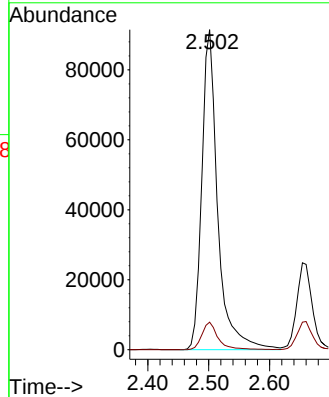
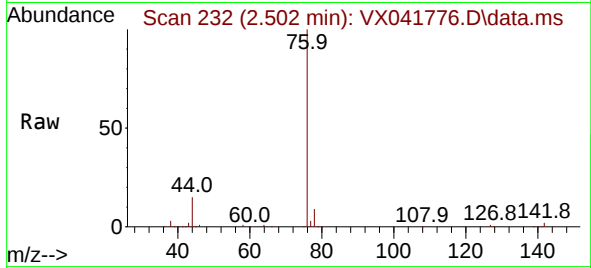
78 8.6 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#18

Methyl Acetate

Concen: 53.136 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041776.D

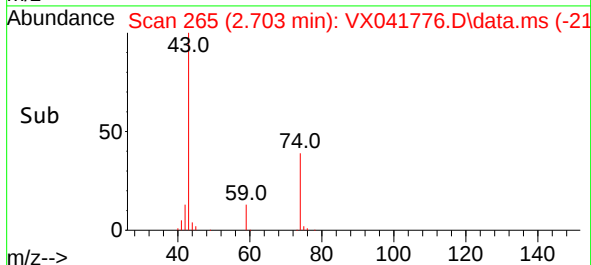
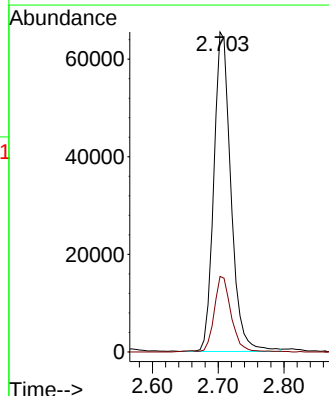
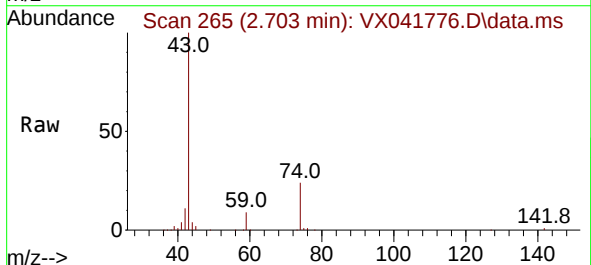
Acq: 06 Jun 2024 16:59

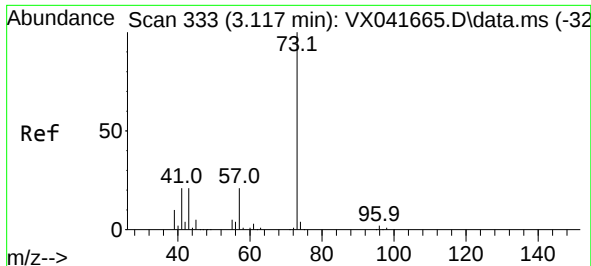
Tgt Ion: 43 Resp: 118856

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 47.355 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 26976

Ion Ratio Lower Upper

73 100

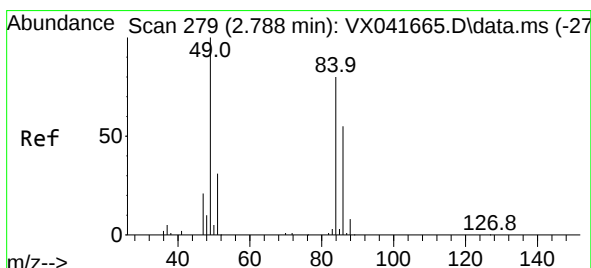
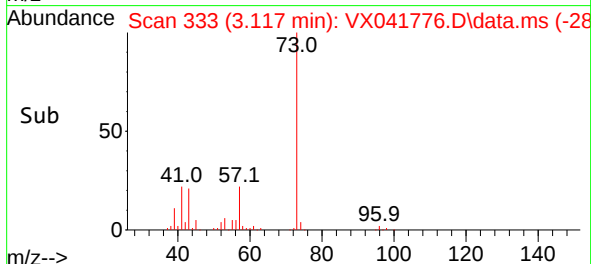
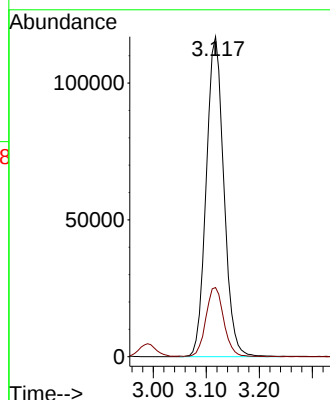
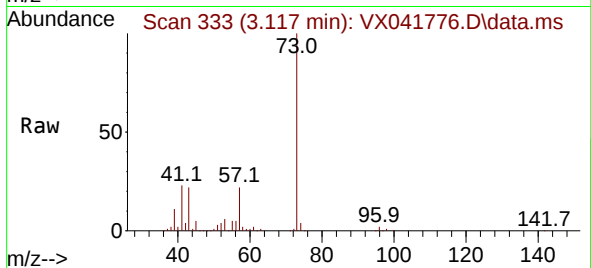
57 21.6 17.3 25.9

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Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#20

Methylene Chloride

Concen: 43.293 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 84 Resp: 90759

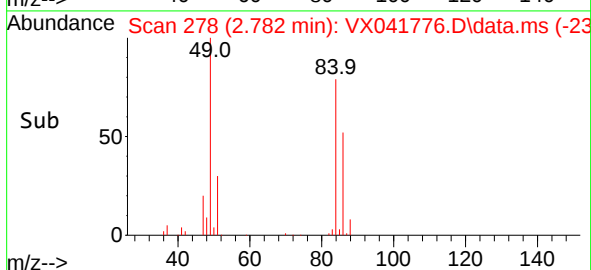
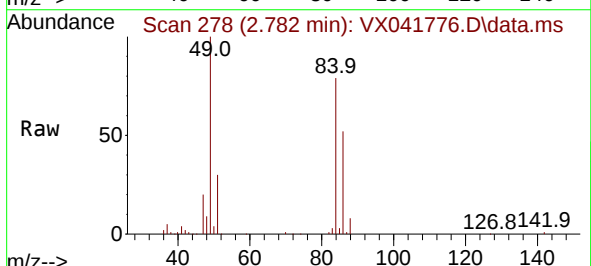
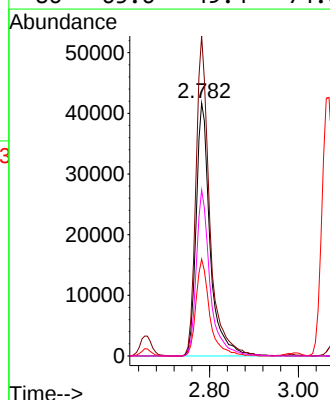
Ion Ratio Lower Upper

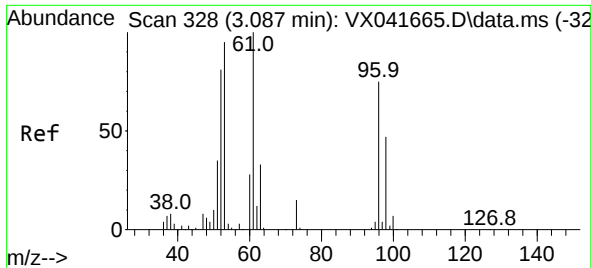
84 100

49 126.5 103.6 155.4

51 38.3 33.8 50.6

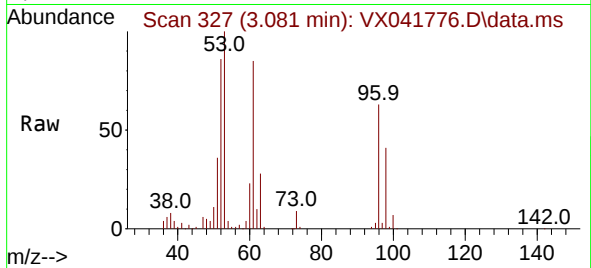
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.964 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

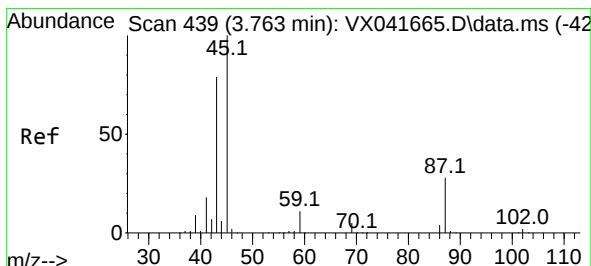
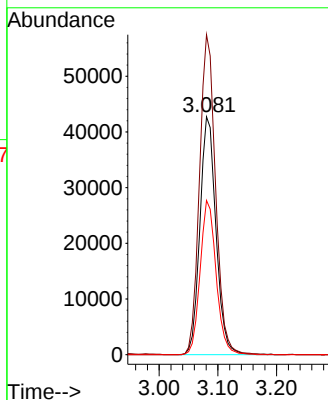
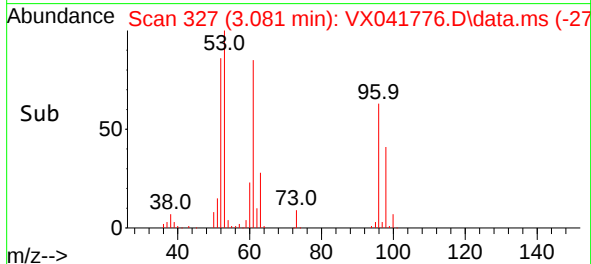
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 81198
Ion Ratio Lower Upper
96 100
61 134.5 119.2 178.8
98 64.8 48.7 73.1

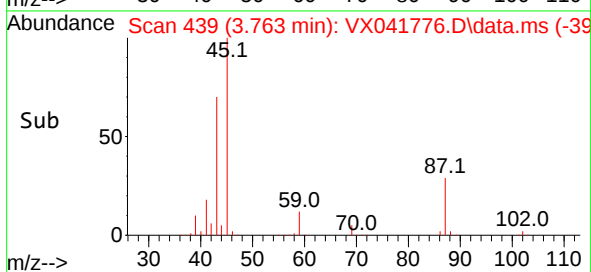
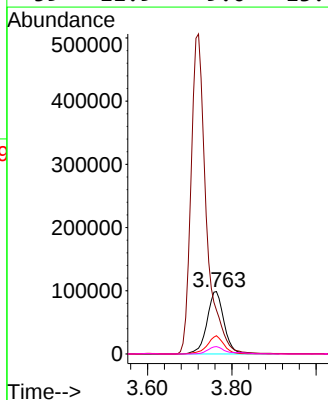
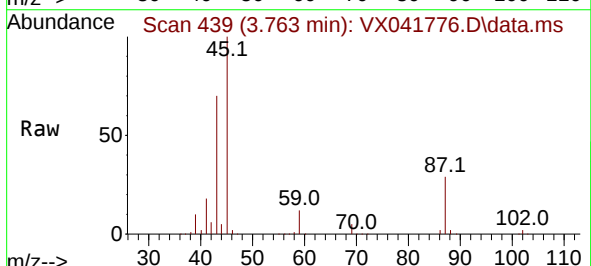
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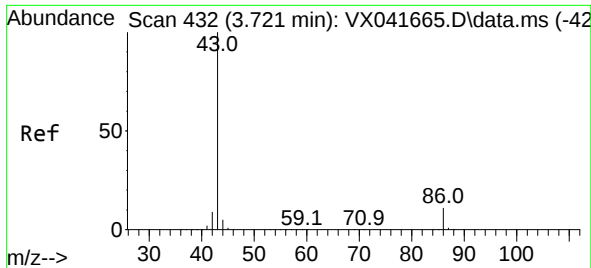
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#22
Diisopropyl ether
Concen: 48.440 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 45 Resp: 277291
Ion Ratio Lower Upper
45 100
43 69.7 69.7 104.5
87 29.2 20.8 31.2
59 11.9 9.0 13.4





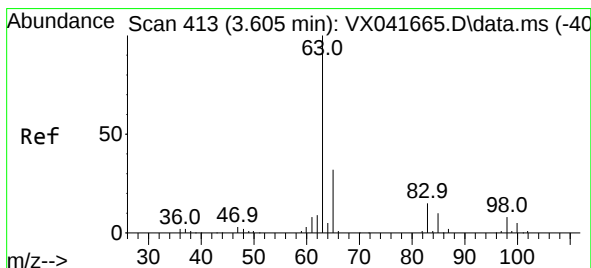
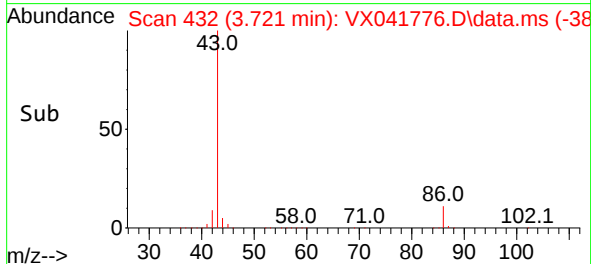
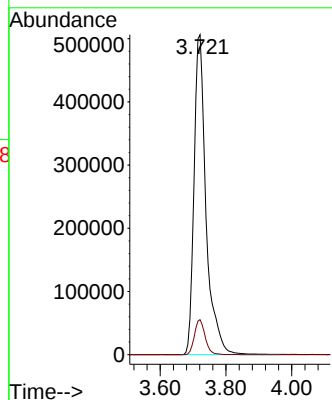
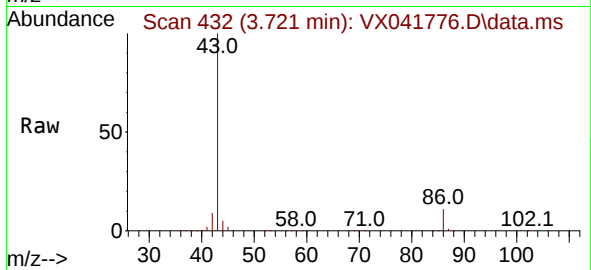
#23
 Vinyl Acetate
 Concen: 249.499 ug/l
 RT: 3.721 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX041776.D
 Acq: 06 Jun 2024 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 128310
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

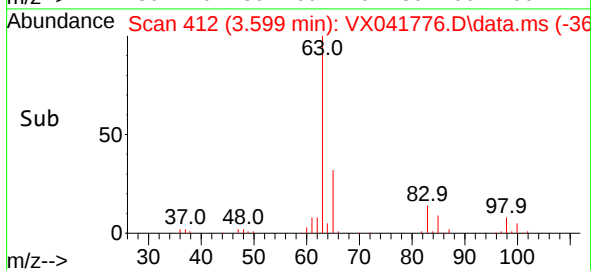
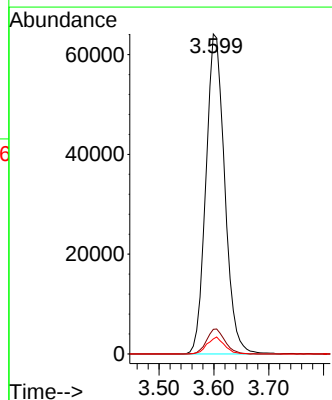
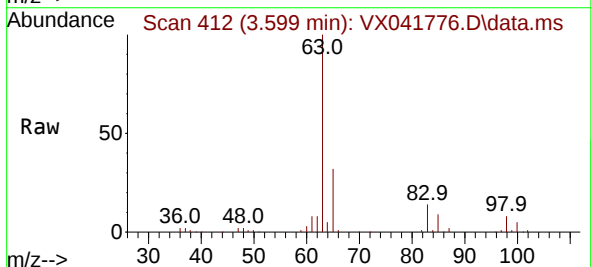
Manual Integrations
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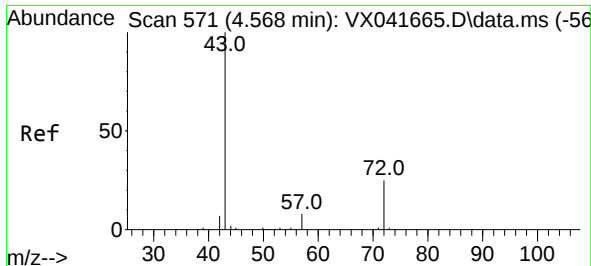
Reviewed By :John Carlone 06/07/2024
 Supervised By :Mahesh Dadoda 06/07/2024



#24
 1,1-Dichloroethane
 Concen: 47.045 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX041776.D
 Acq: 06 Jun 2024 16:59

Tgt Ion: 63 Resp: 152282
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.7 2.1 6.5





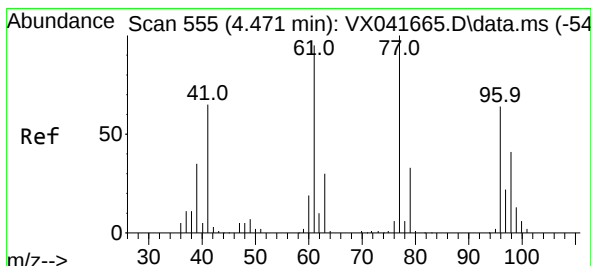
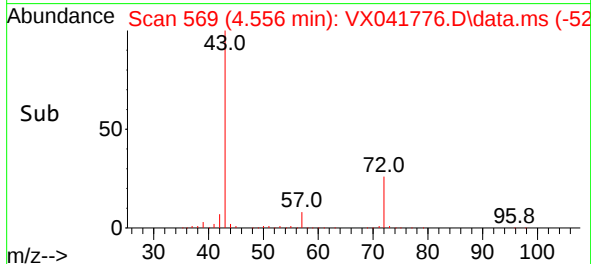
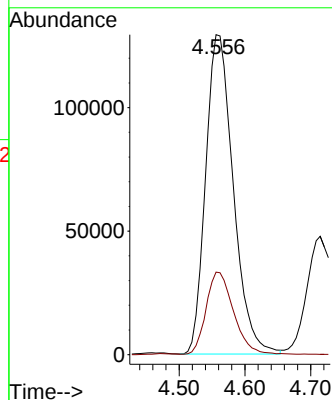
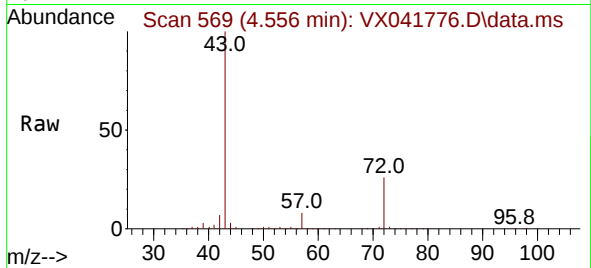
#25
2-Butanone
Concen: 259.826 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 37829
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

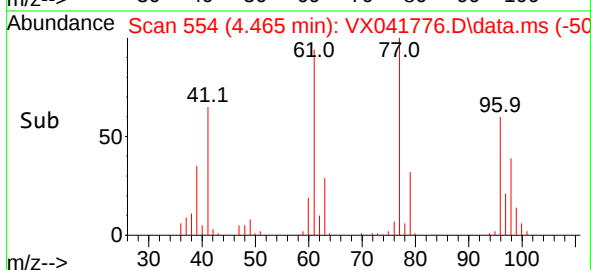
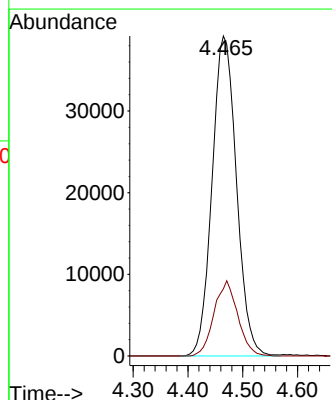
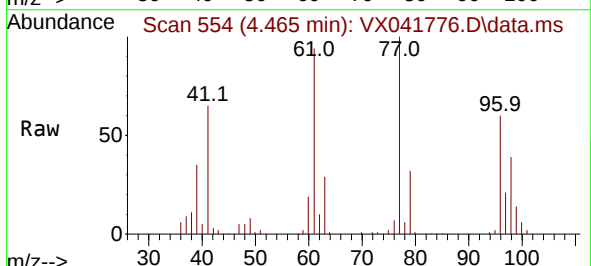
Manual Integrations
APPROVED

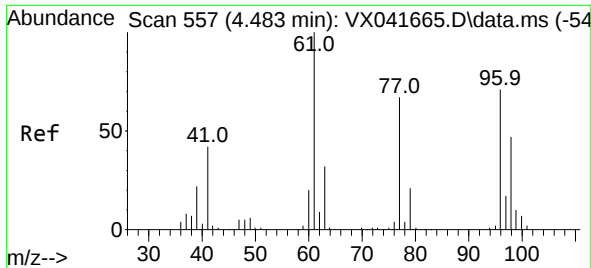
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#26
2,2-Dichloropropane
Concen: 45.589 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 77 Resp: 121073
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.657 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 100630

Ion Ratio Lower Upper

96 100

61 141.7 0.0 312.2

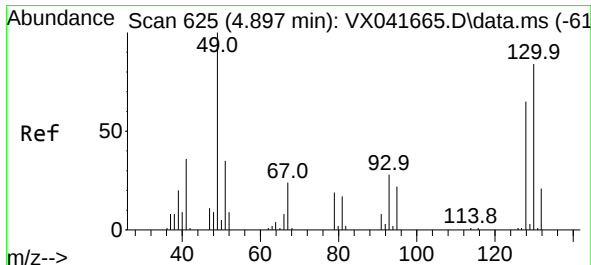
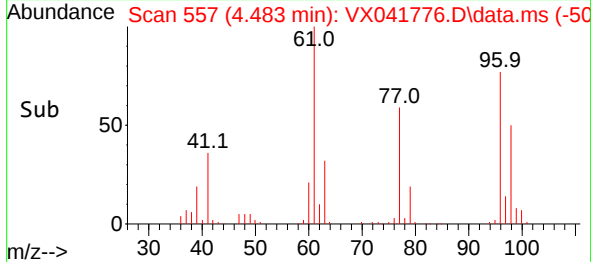
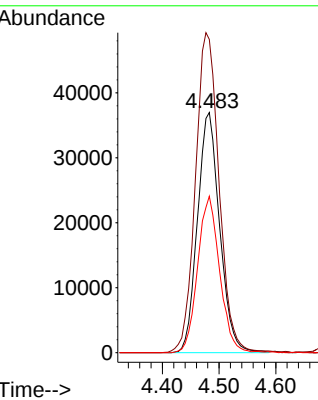
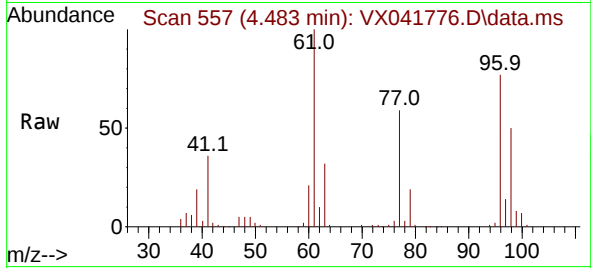
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#28

Bromochloromethane

Concen: 45.266 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

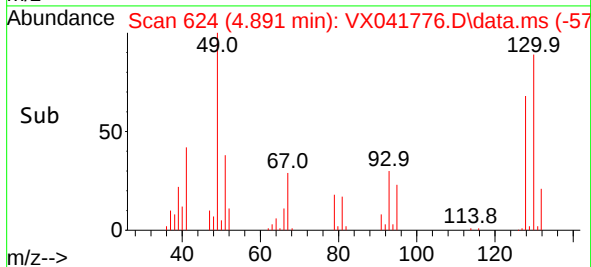
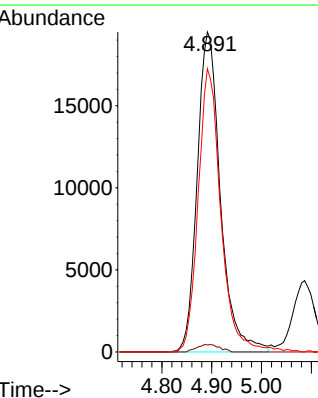
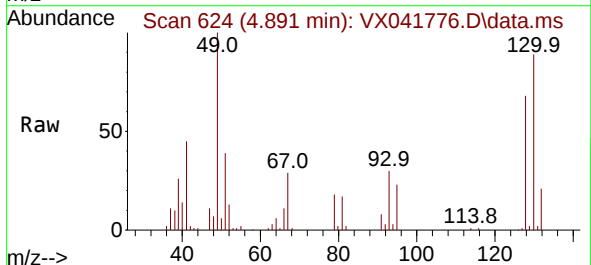
Tgt Ion: 49 Resp: 63107

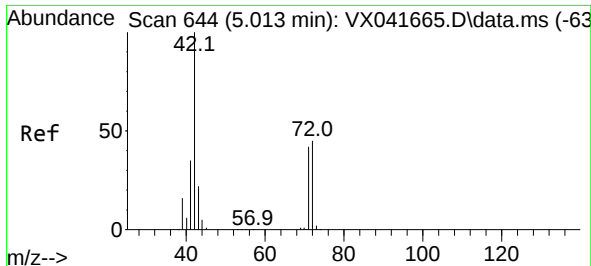
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 86.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 264.405 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 242778

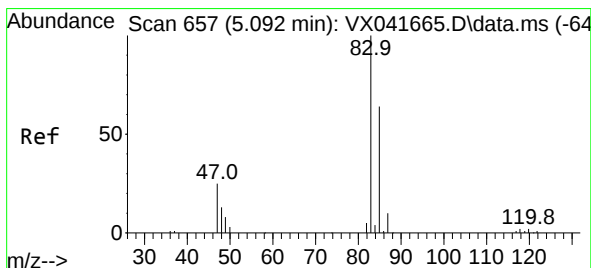
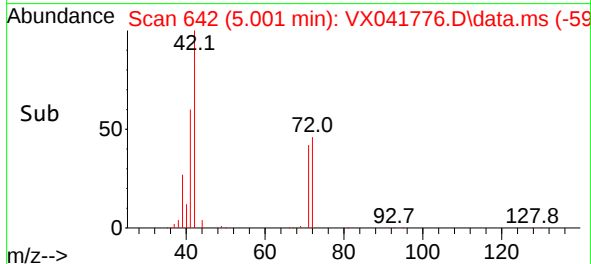
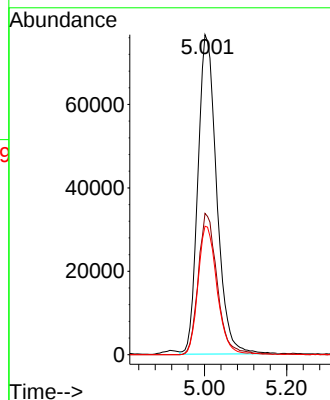
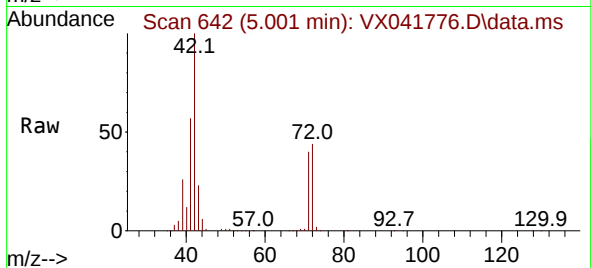
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	40.9	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#30

Chloroform

Concen: 47.717 ug/l

RT: 5.086 min Scan# 656

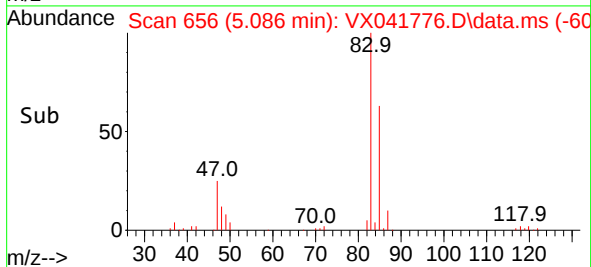
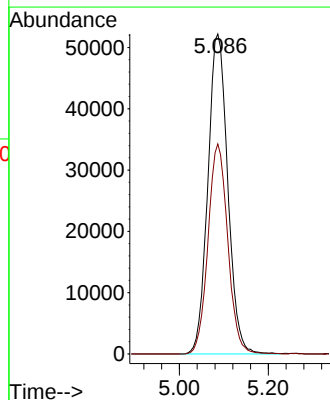
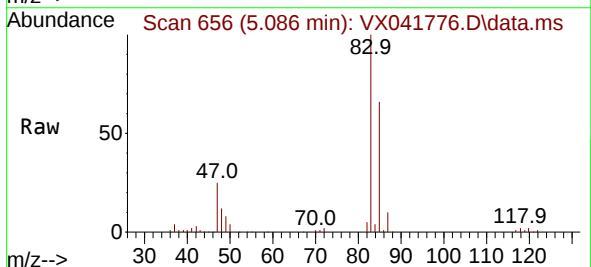
Delta R.T. -0.006 min

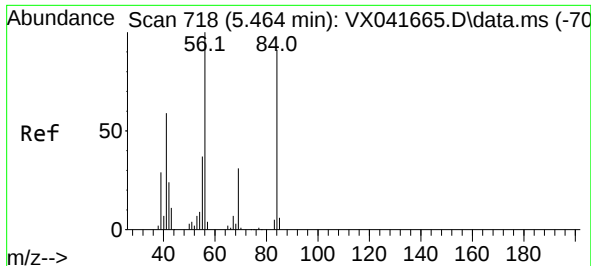
Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 83 Resp: 162165

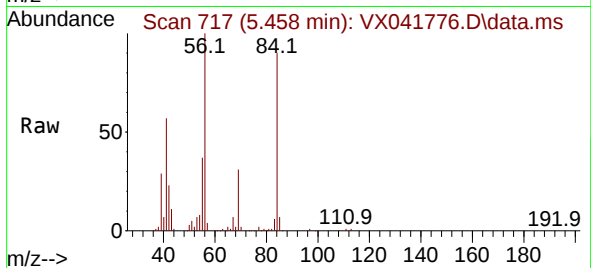
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5





#31
Cyclohexane
Concen: 46.476 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

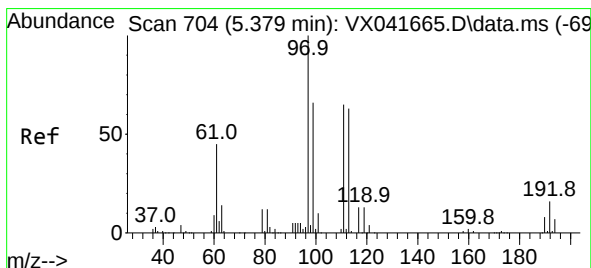
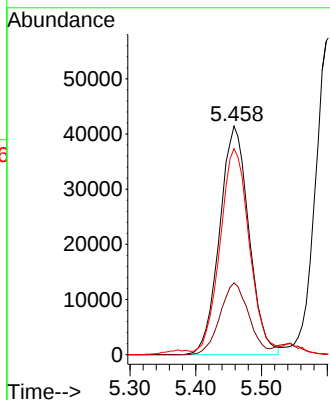
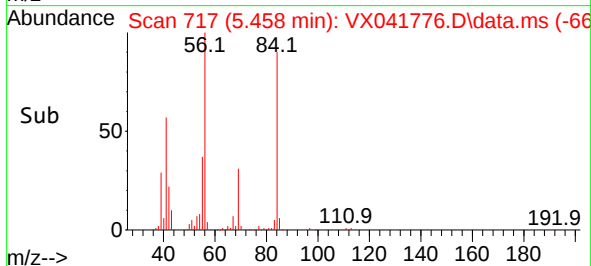
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



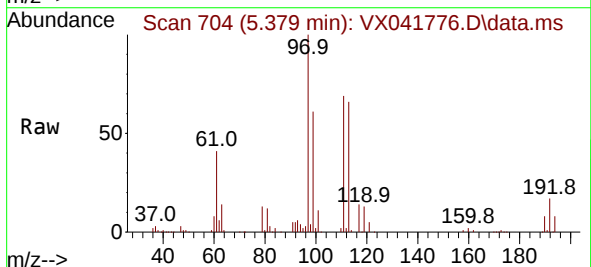
Tgt Ion: 56 Resp: 12854
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 88.0 65.9 98.9

Manual Integrations
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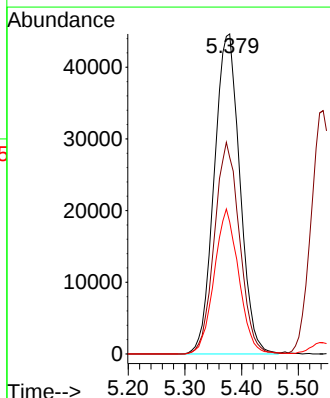
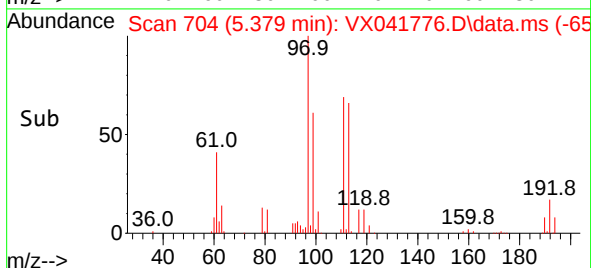
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

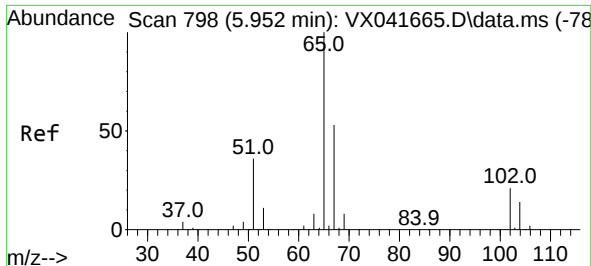


#32
1,1,1-Trichloroethane
Concen: 47.142 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



Tgt Ion: 97 Resp: 140396
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.963 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10767

Ion Ratio Lower Upper

65 100

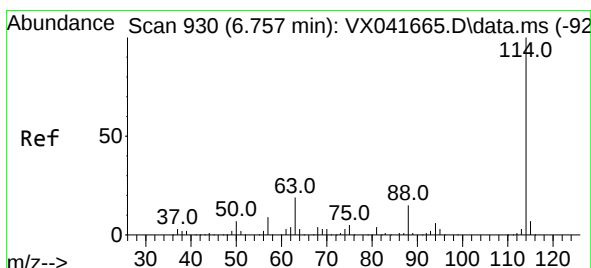
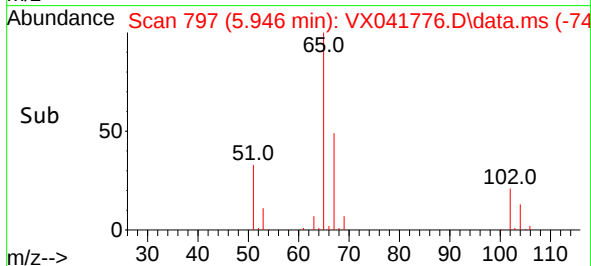
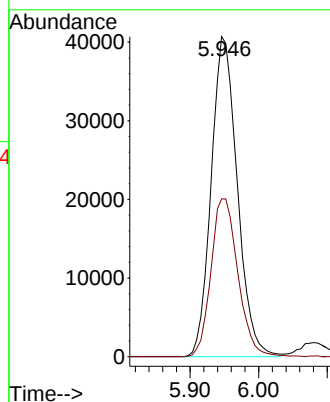
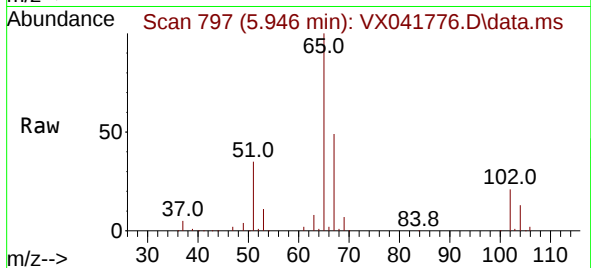
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

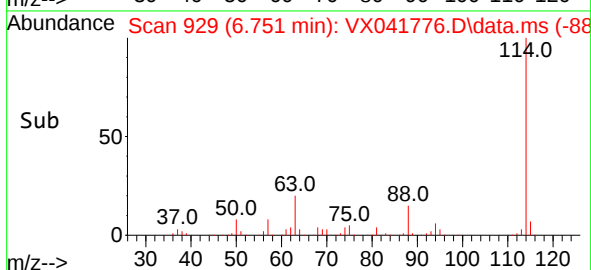
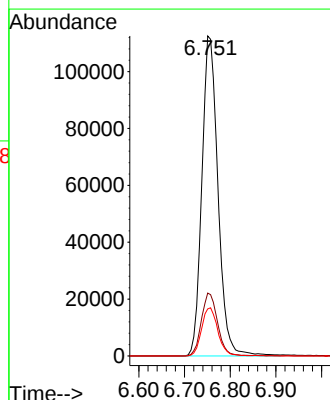
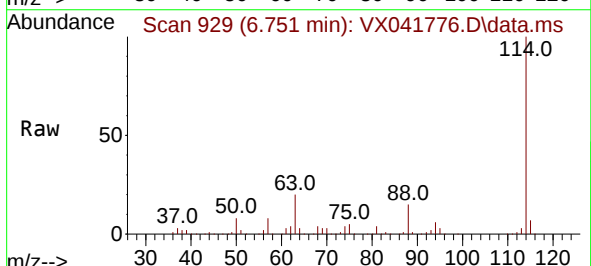
Tgt Ion:114 Resp: 275605

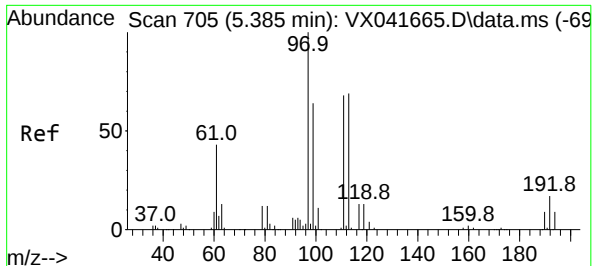
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.907 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 87470

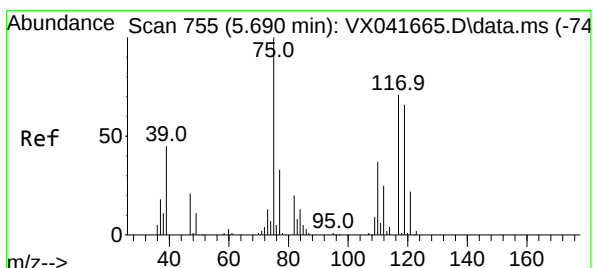
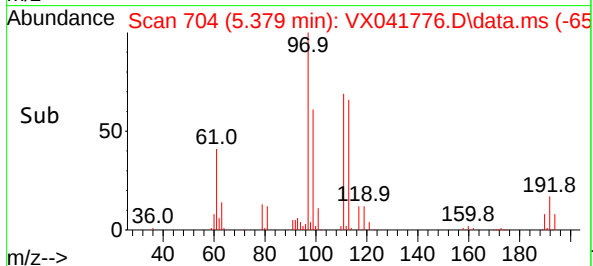
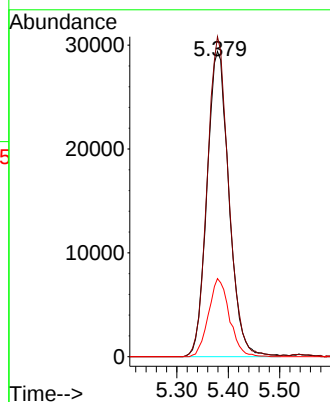
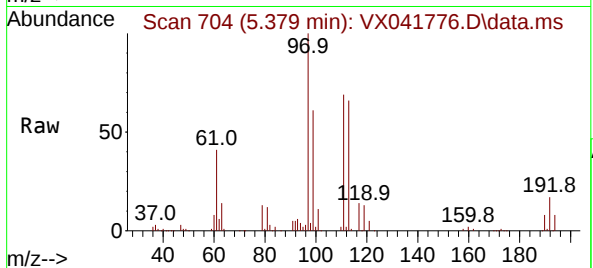
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	24.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#36

1,1-Dichloropropene

Concen: 46.367 ug/l

RT: 5.684 min Scan# 754

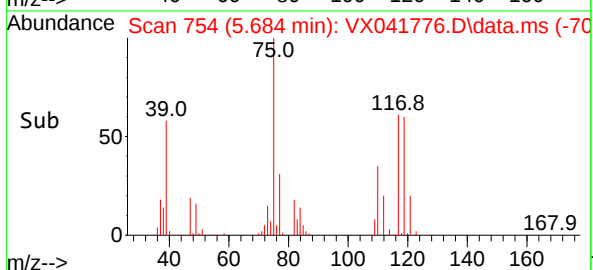
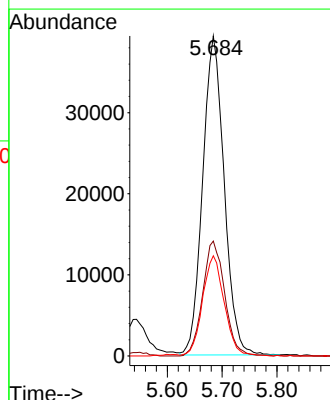
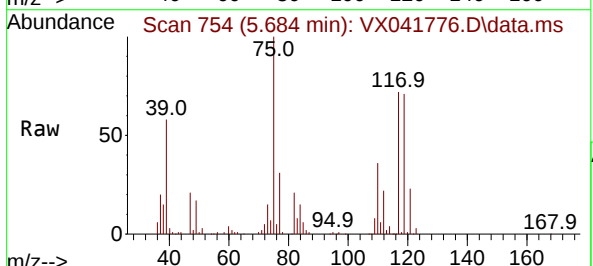
Delta R.T. -0.006 min

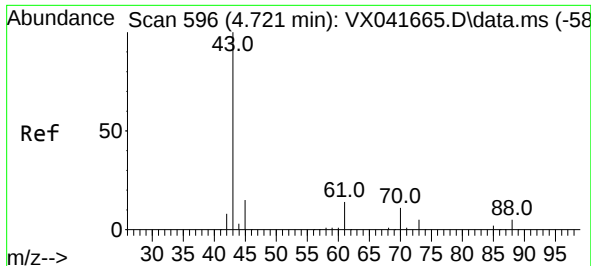
Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 75 Resp: 106983

Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.0	50.9
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 48.622 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

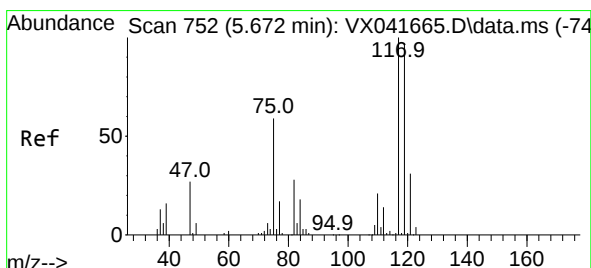
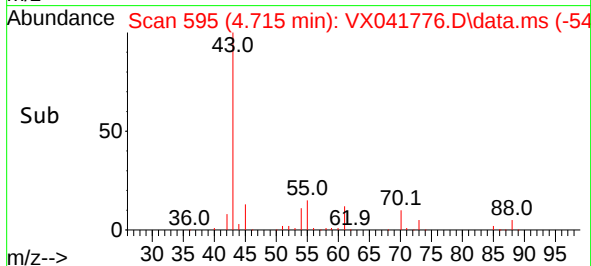
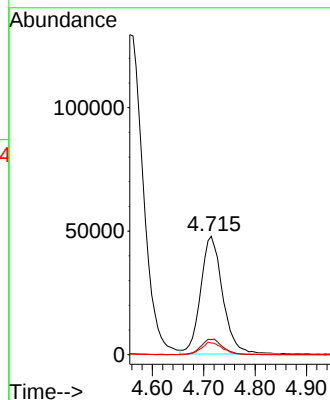
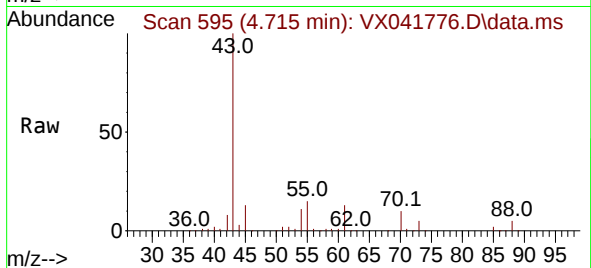
Tgt Ion: 43	Resp: 141579
Ion Ratio	Lower Upper
43 100	
61 13.4	10.6 16.0
70 10.1	8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#38

Carbon Tetrachloride

Concen: 47.202 ug/l

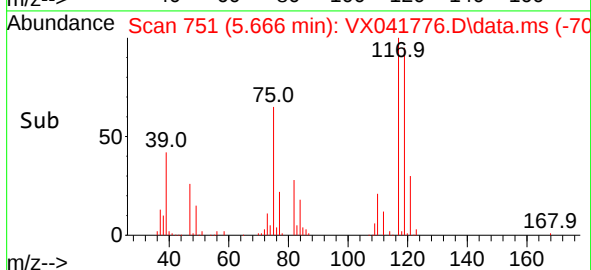
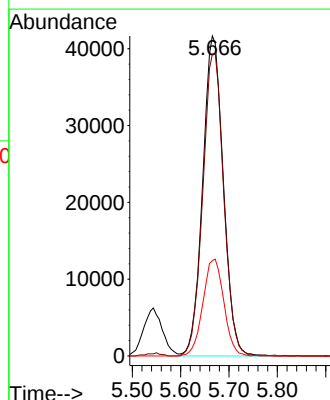
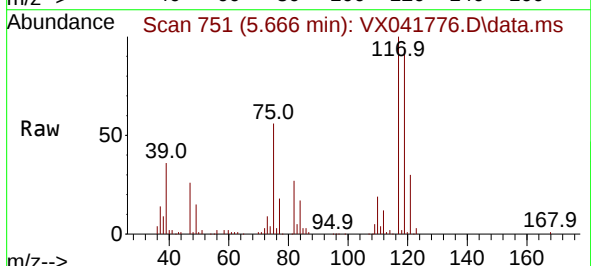
RT: 5.666 min Scan# 751

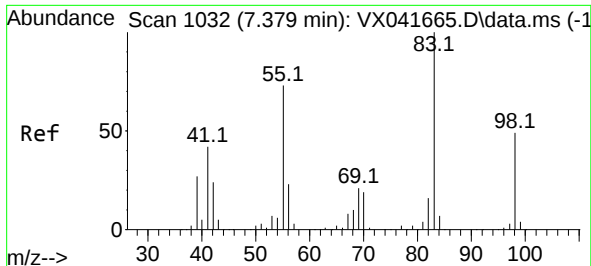
Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 117	Resp: 123734
Ion Ratio	Lower Upper
117 100	
119 94.3	78.2 117.2
121 29.8	24.4 36.6





#39
Methylcyclohexane
Concen: 48.655 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

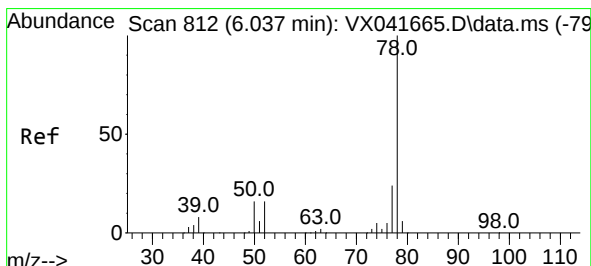
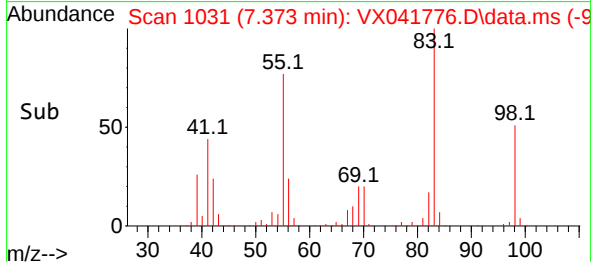
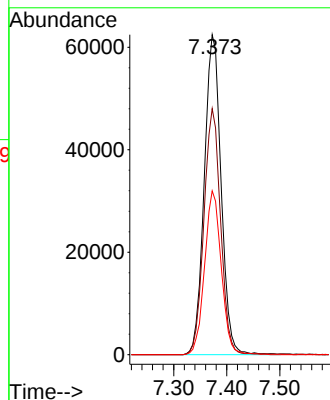
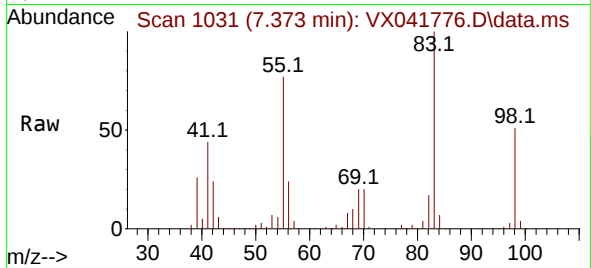
Tgt Ion: 83 Resp: 137919
Ion Ratio Lower Upper
83 100
55 76.9 64.6 97.0
98 51.2 36.7 55.1

Manual Integrations

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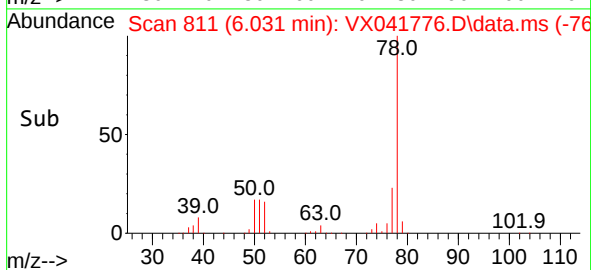
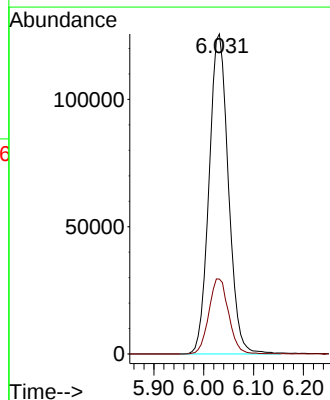
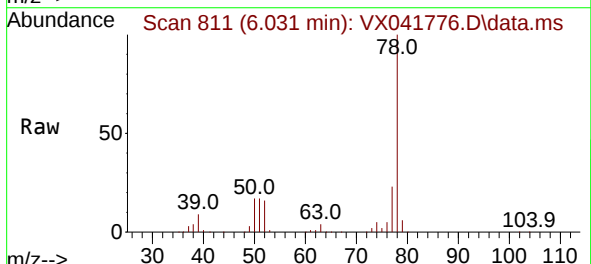
Reviewed By :John Carlone 06/07/2024

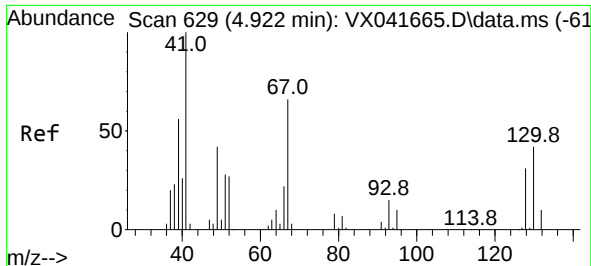
Supervised By :Mahesh Dadoda 06/07/2024



#40
Benzene
Concen: 46.879 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 78 Resp: 338088
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





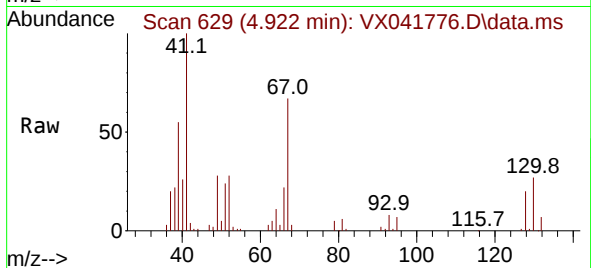
#41
Methacrylonitrile
Concen: 55.836 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



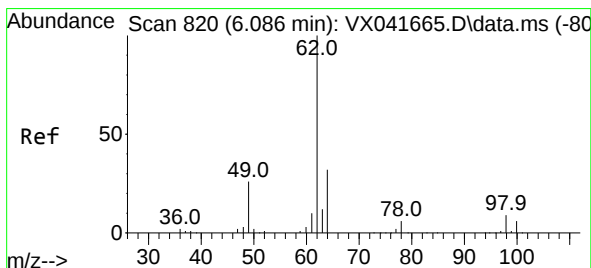
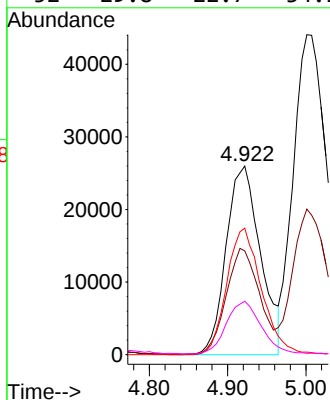
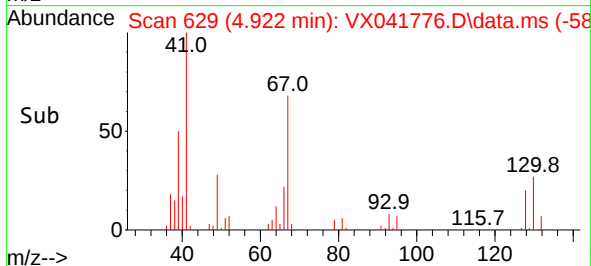
Tgt Ion: 41 Resp: 79514
Ion Ratio Lower Upper
41 100
39 53.7 45.2 67.8
67 67.8 52.6 78.8
52 29.8 22.7 34.1

Manual Integrations

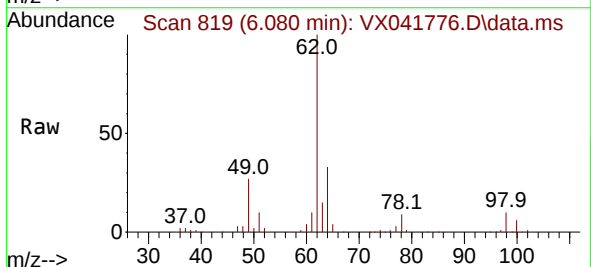
APPROVED

Reviewed By :John Carlone 06/07/2024

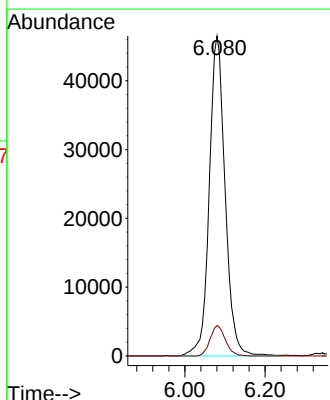
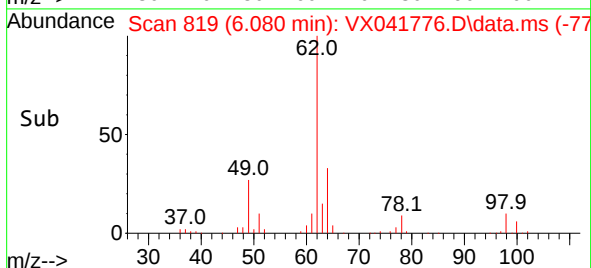
Supervised By :Mahesh Dadoda 06/07/2024

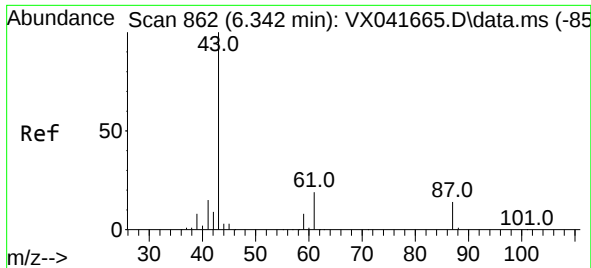


#42
1,2-Dichloroethane
Concen: 47.297 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



Tgt Ion: 62 Resp: 127338
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 49.366 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

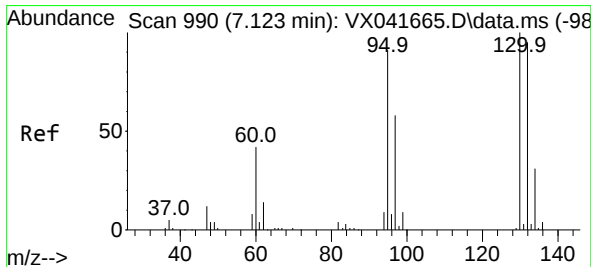
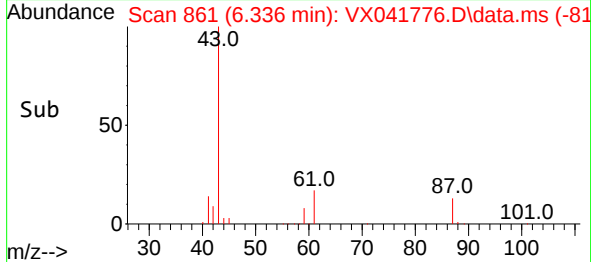
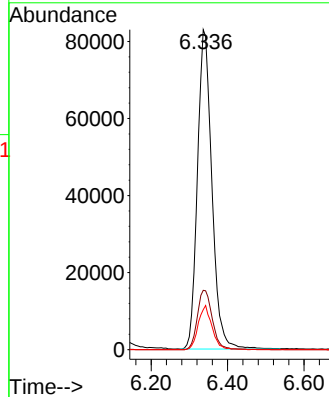
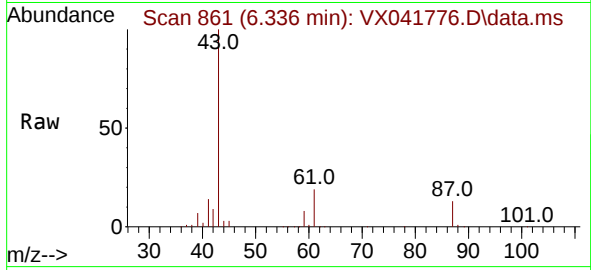
Tgt Ion: 43	Resp: 217020
Ion Ratio	Lower Upper
43	100
61	19.3 15.2 22.8
87	13.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#44

Trichloroethene

Concen: 47.082 ug/l

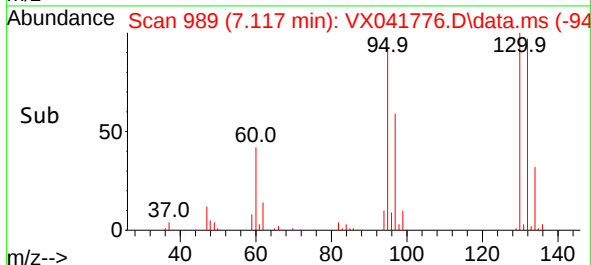
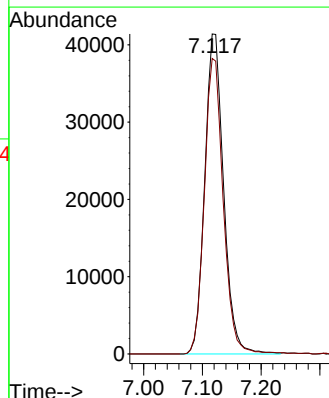
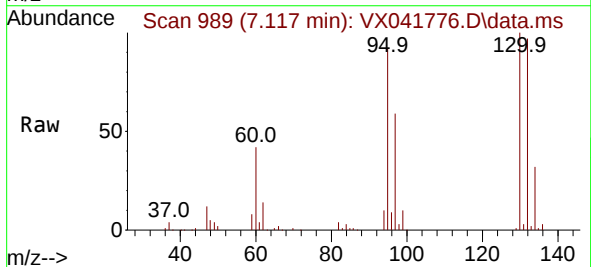
RT: 7.117 min Scan# 989

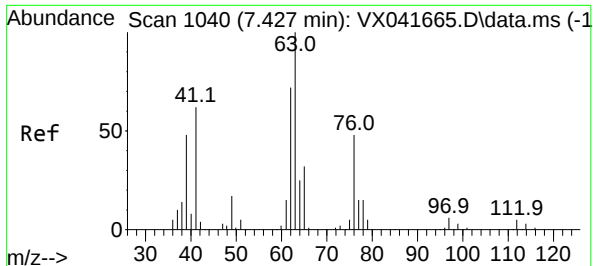
Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion:130	Resp: 92347
Ion Ratio	Lower Upper
130	100
95	92.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.933 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 83900

Ion Ratio Lower Upper

63 100

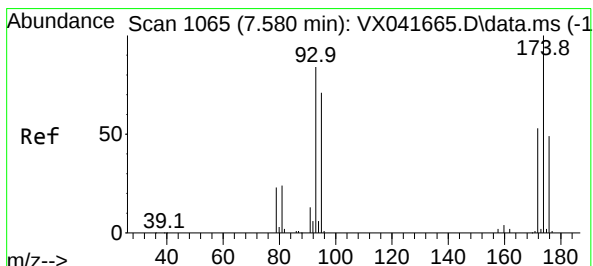
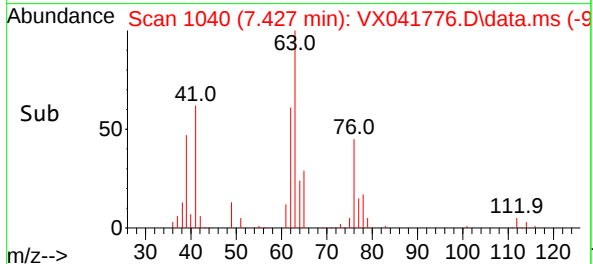
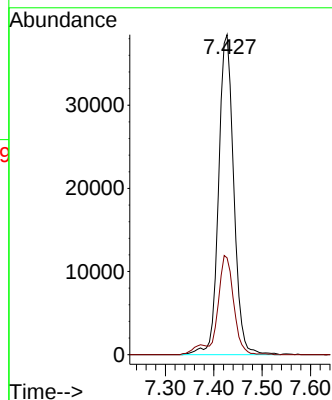
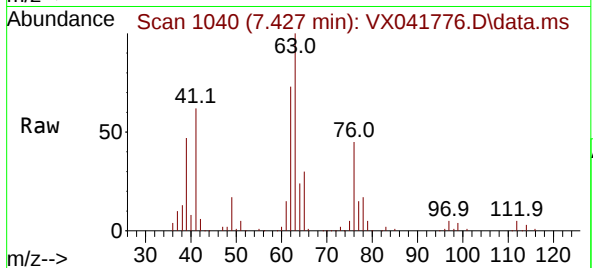
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#46

Dibromomethane

Concen: 48.040 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

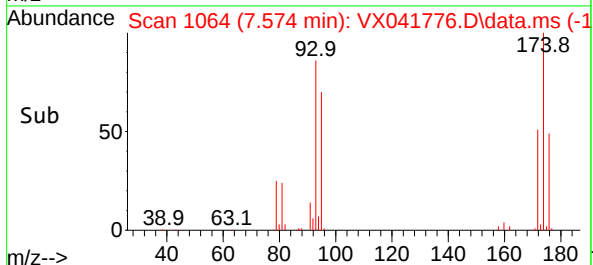
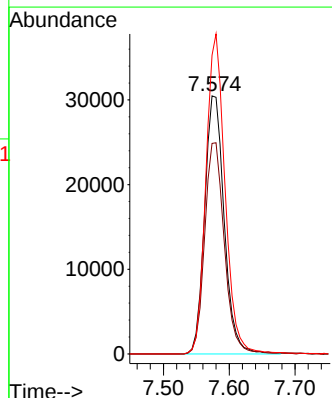
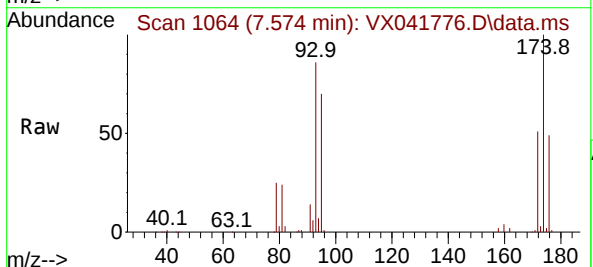
Tgt Ion: 93 Resp: 63181

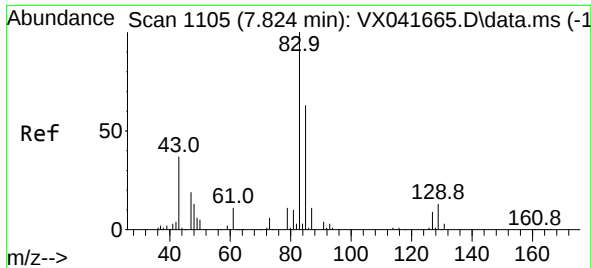
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

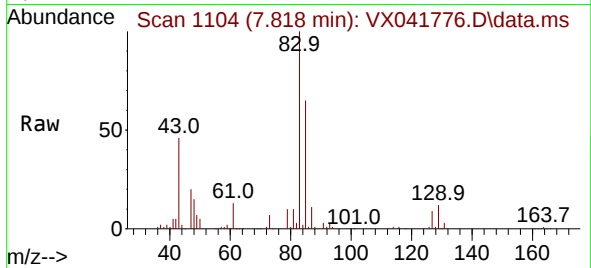
174 121.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 49.678 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

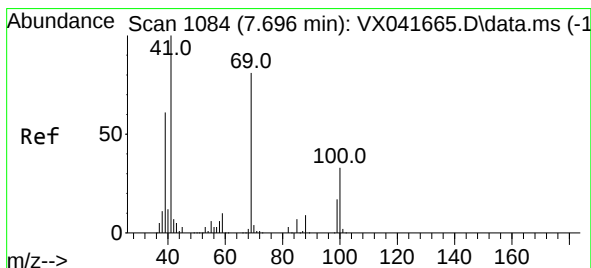
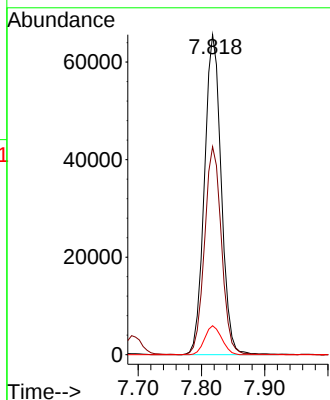
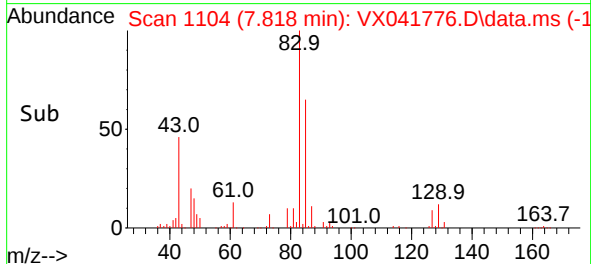
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 120978
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 9.1 7.1 10.7

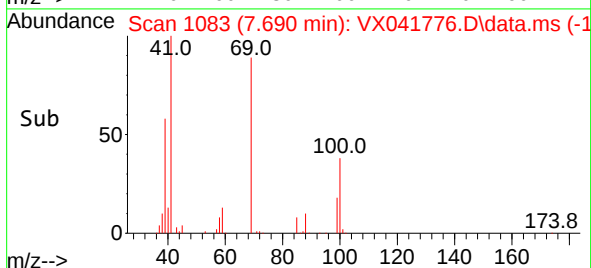
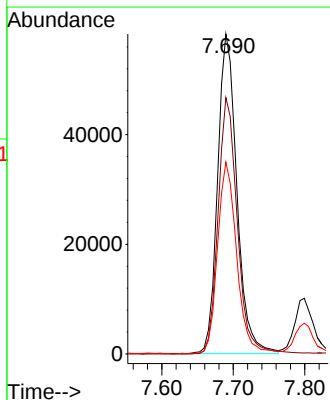
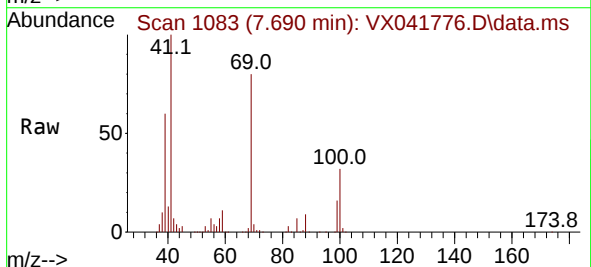
Manual Integrations
APPROVED

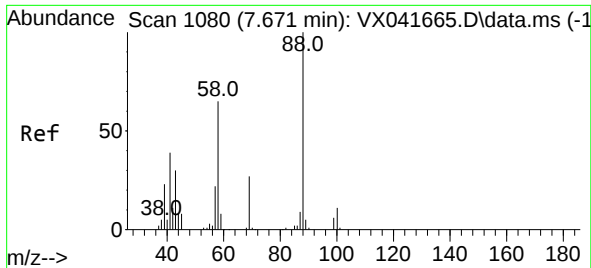
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#48
Methyl methacrylate
Concen: 51.672 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 41 Resp: 109091
Ion Ratio Lower Upper
41 100
69 80.2 59.2 88.8
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1074.395 ug/l

RT: 7.659 min Scan# 1080

Delta R.T. -0.012 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

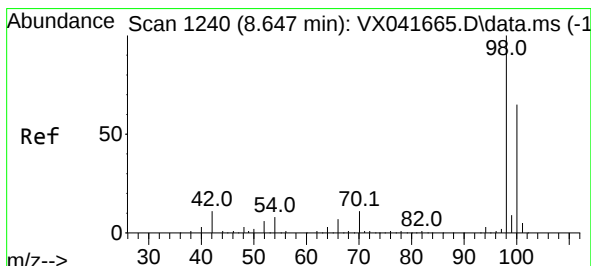
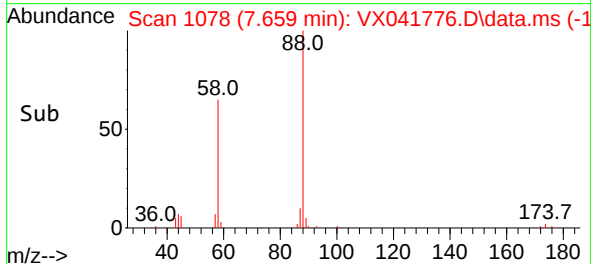
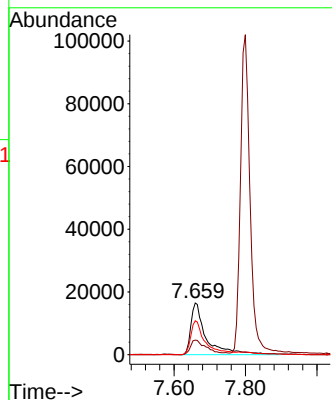
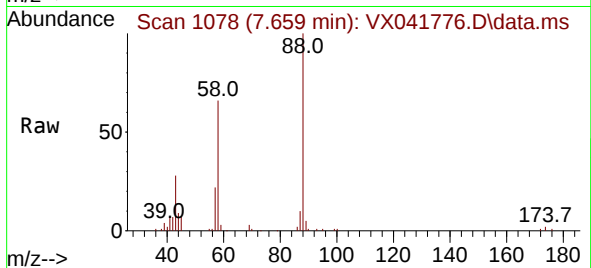
Tgt Ion: 88 Resp: 4956
 Ion Ratio Lower Upper
 88 100
 43 30.5 0.0 0.0
 58 61.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#50

Toluene-d8

Concen: 46.433 ug/l

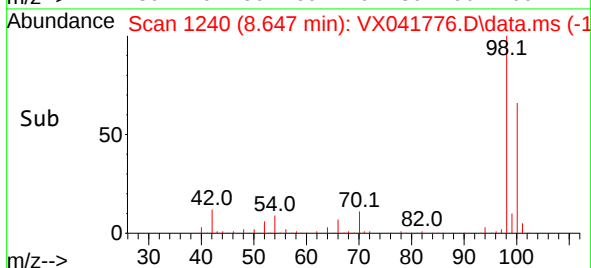
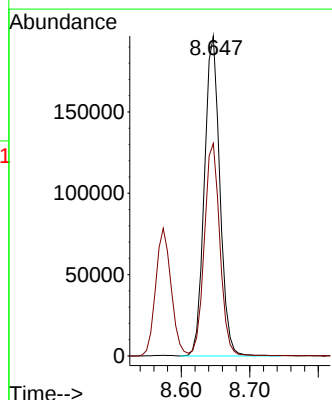
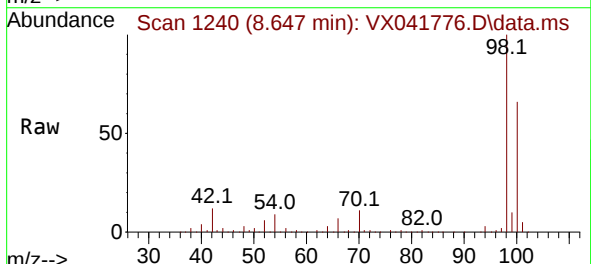
RT: 8.647 min Scan# 1240

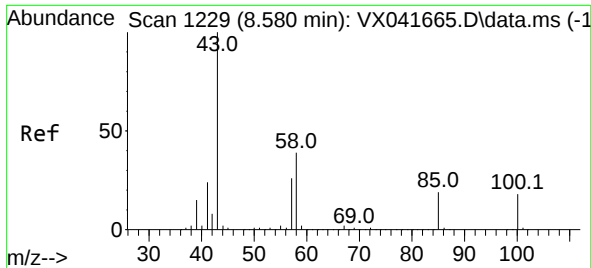
Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 98 Resp: 309155
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.1 79.7





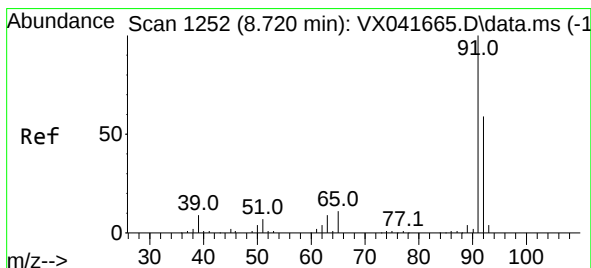
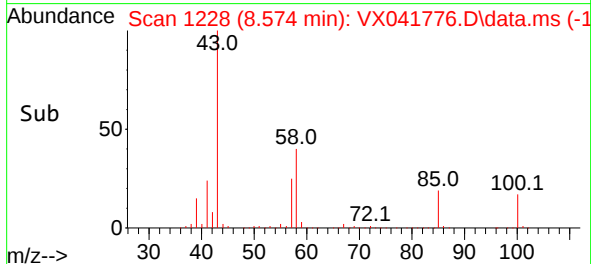
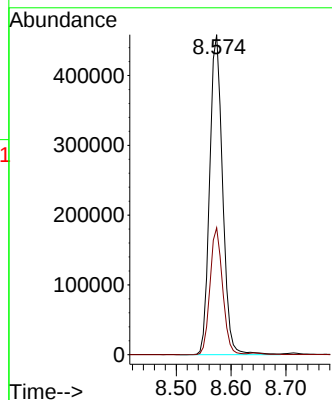
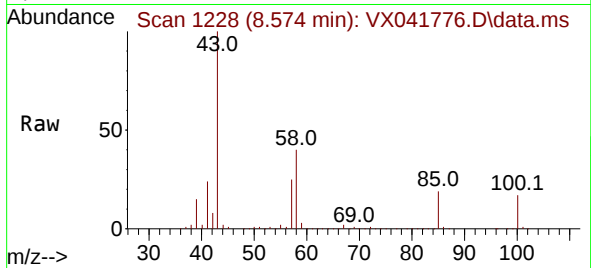
#51
4-Methyl-2-Pentanone
Concen: 262.293 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 747749
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

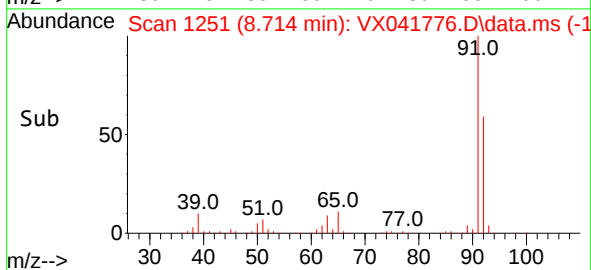
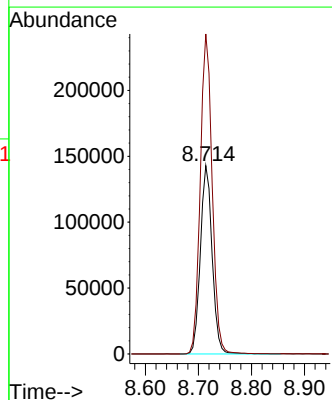
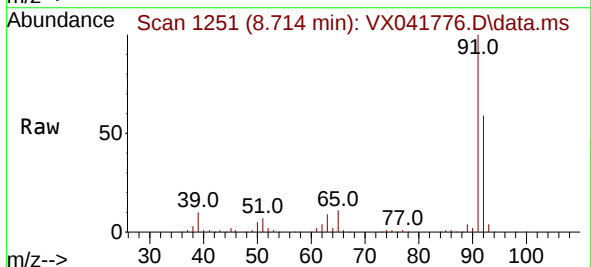
Manual Integrations
APPROVED

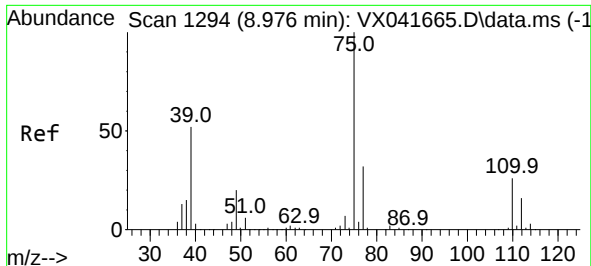
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#52
Toluene
Concen: 48.204 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 92 Resp: 220624
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.866 ug/l
RT: 8.976 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

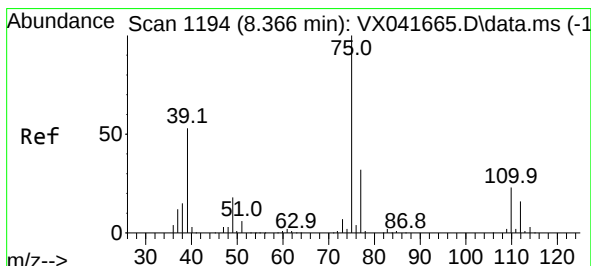
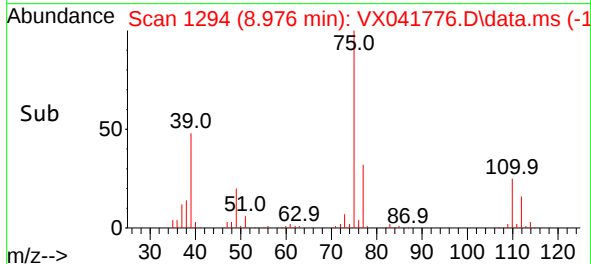
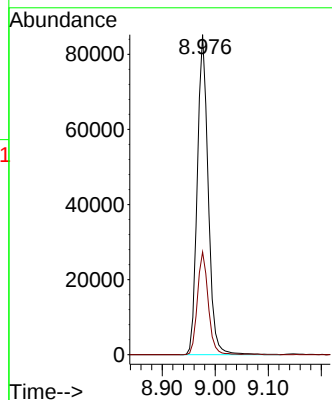
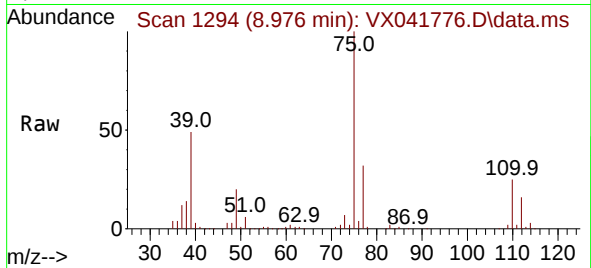
VSTDCCC050EC

Tgt Ion: 75 Resp: 121929
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations

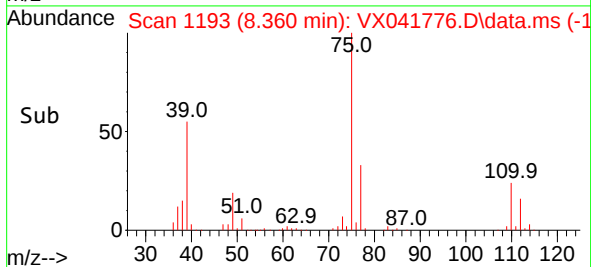
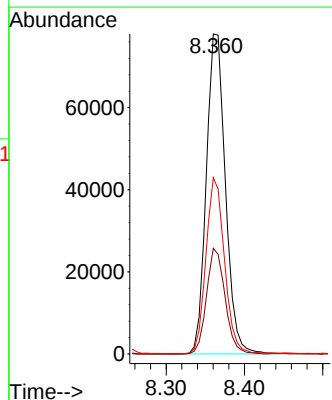
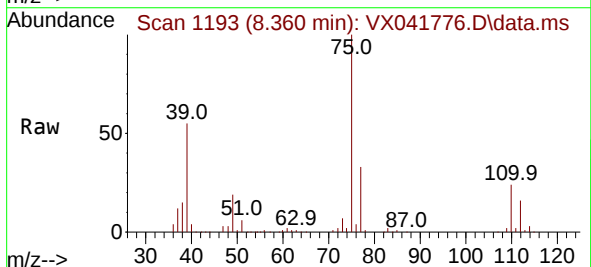
APPROVED

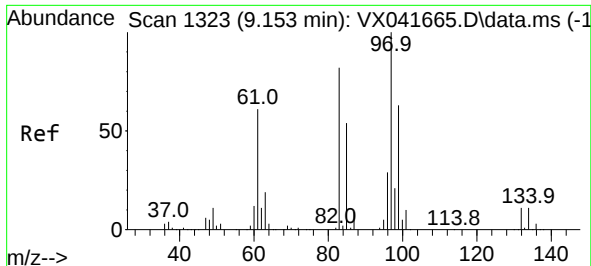
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#54
cis-1,3-Dichloropropene
Concen: 49.862 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 75 Resp: 132222
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 55.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.637 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

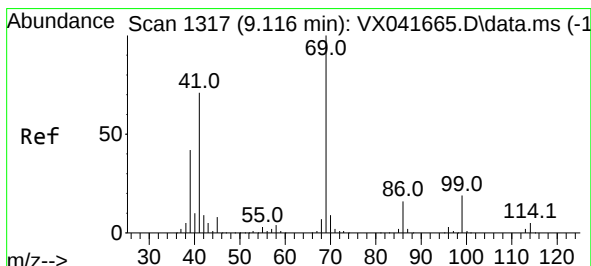
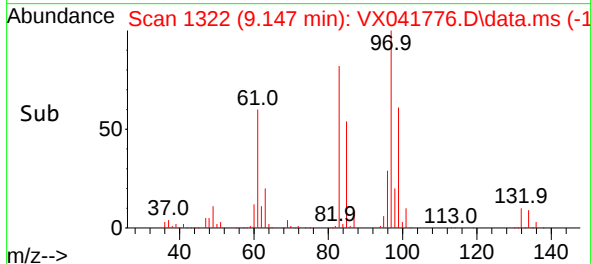
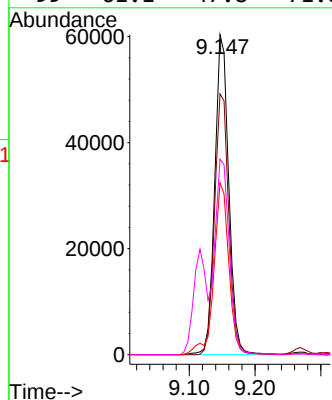
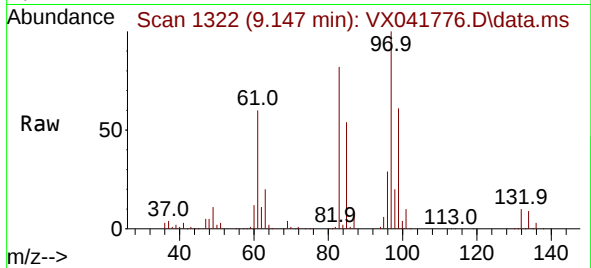
Tgt Ion: 97 Resp: 89734
Ion Ratio Lower Upper
97 100
83 81.5 65.8 98.8
85 53.7 41.6 62.4
99 61.1 47.8 71.8

Manual Integrations

APPROVED

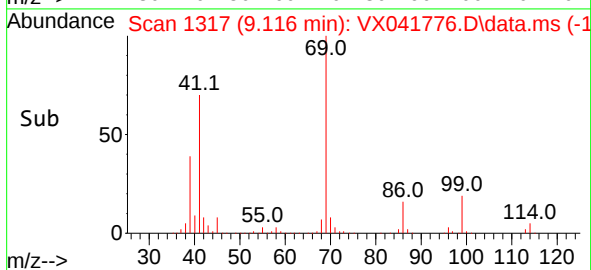
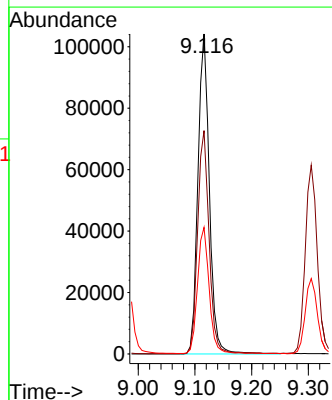
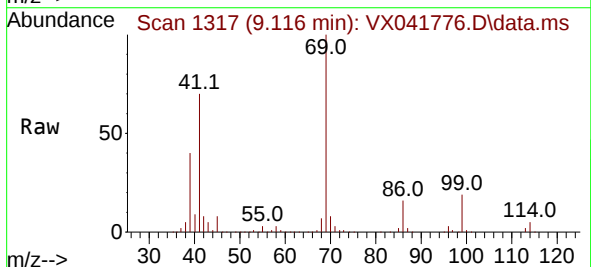
Reviewed By :John Carlone 06/07/2024

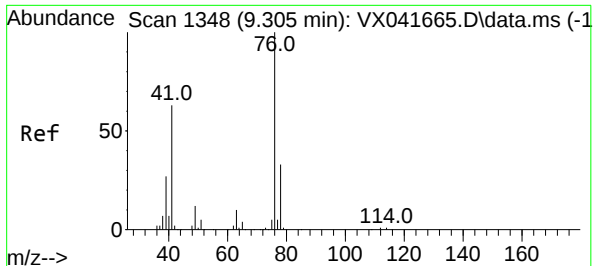
Supervised By :Mahesh Dadoda 06/07/2024



#56
Ethyl methacrylate
Concen: 51.830 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

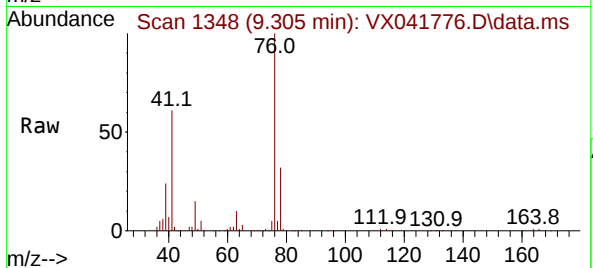
Tgt Ion: 69 Resp: 145956
Ion Ratio Lower Upper
69 100
41 69.7 56.8 85.2
39 39.9 32.0 48.0





#57
1,3-Dichloropropane
Concen: 47.966 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

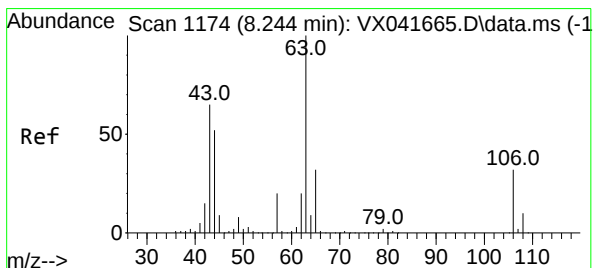
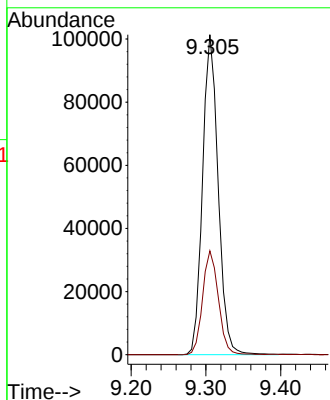
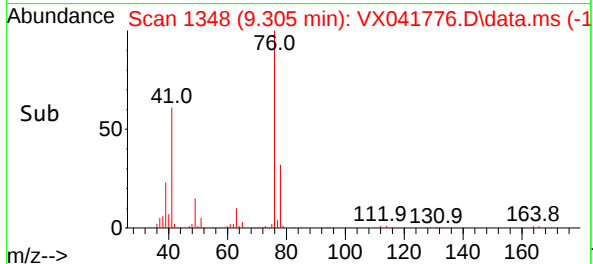
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



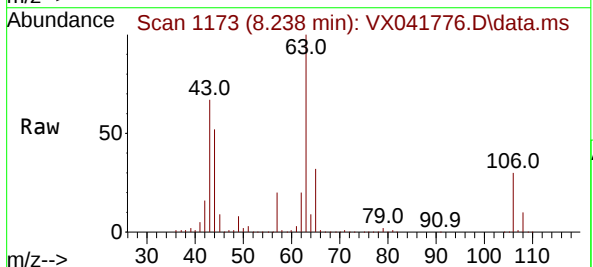
Tgt Ion: 76 Resp: 146924
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
APPROVED

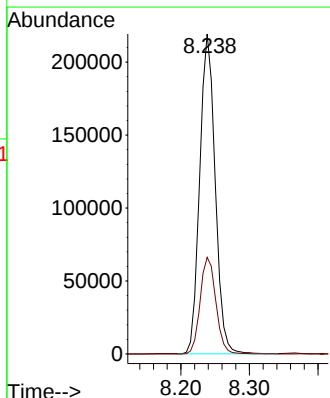
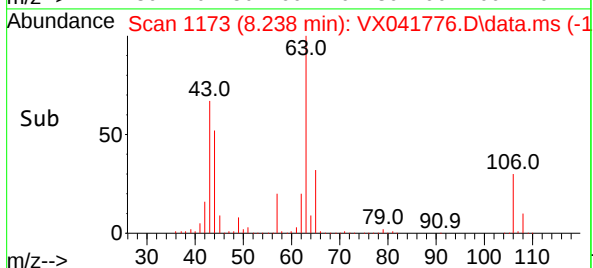
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

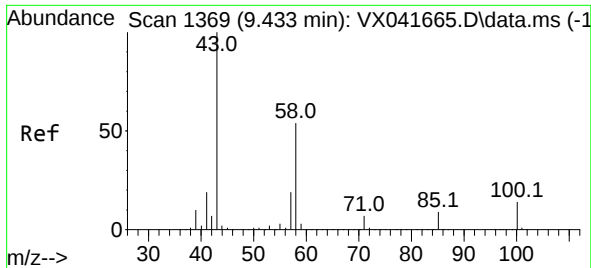


#58
2-Chloroethyl Vinyl ether
Concen: 259.862 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



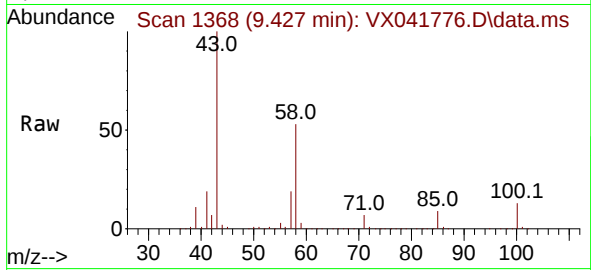
Tgt Ion: 63 Resp: 344521
Ion Ratio Lower Upper
63 100
106 30.7 22.5 33.7





#59
2-Hexanone
Concen: 267.125 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

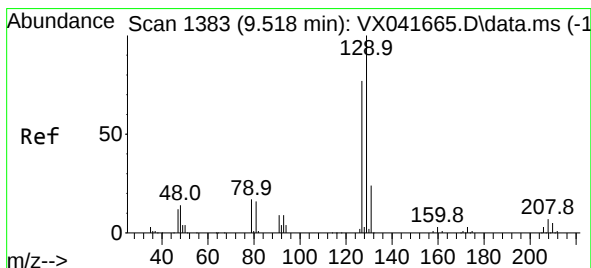
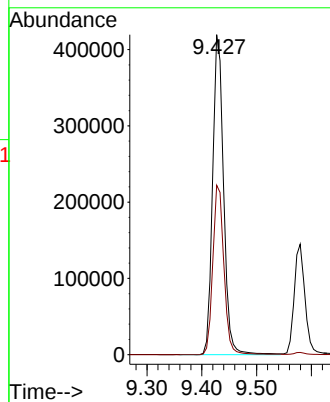
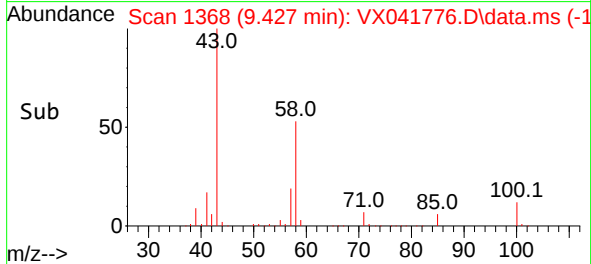
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 58058
Ion Ratio Lower Upper
43 100
58 53.9 26.2 78.5

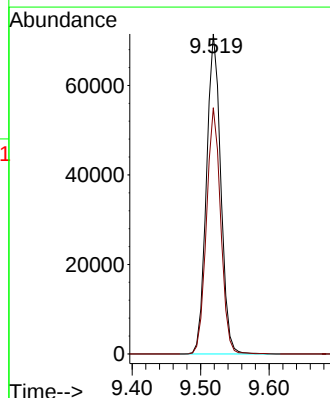
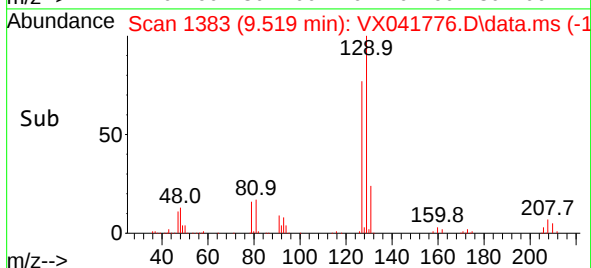
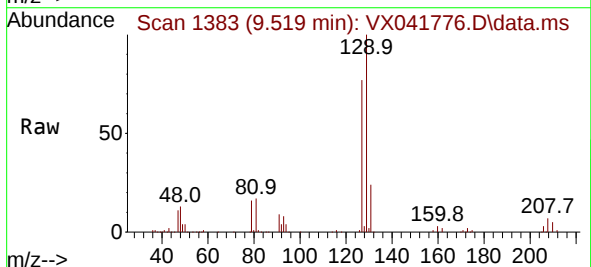
Manual Integrations
APPROVED

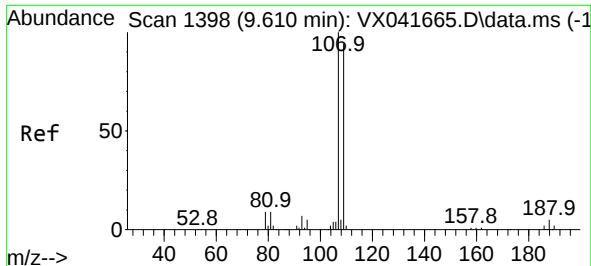
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#60
Dibromochloromethane
Concen: 50.726 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

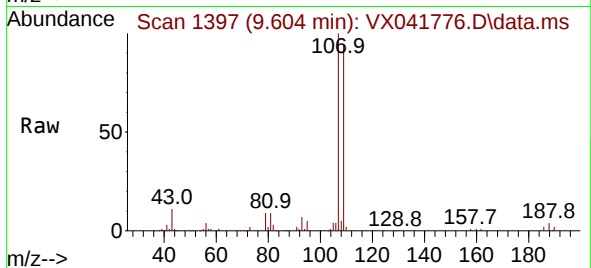
Tgt Ion:129 Resp: 103819
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.536 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

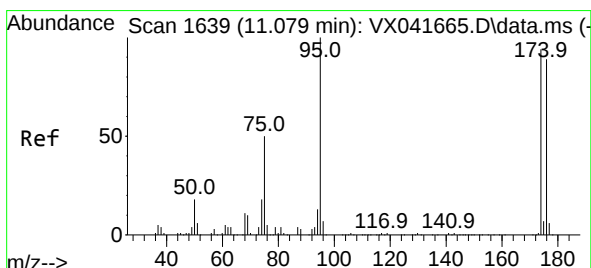
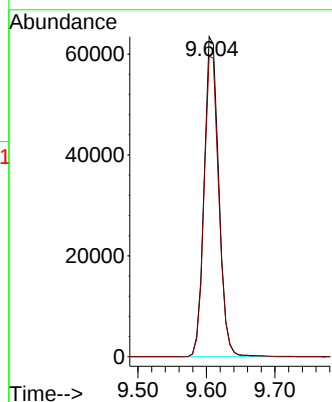
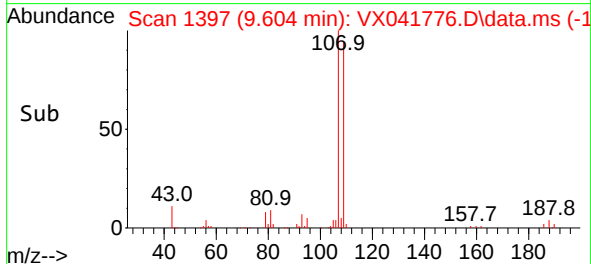
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 9451
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

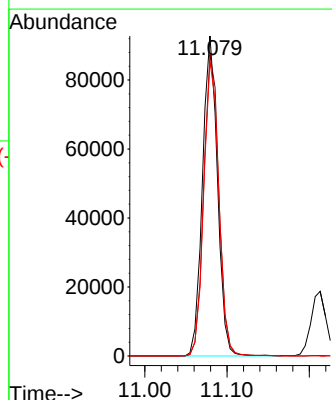
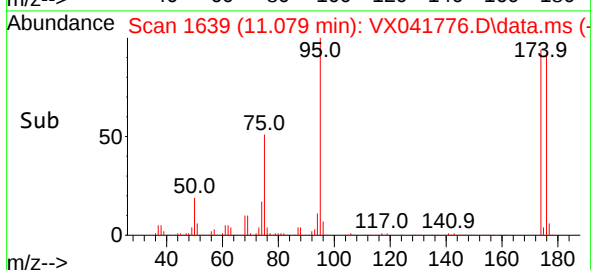
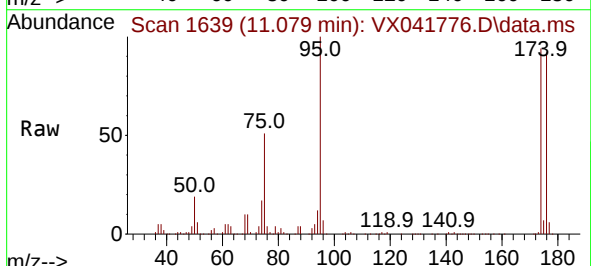
Manual Integrations
APPROVED

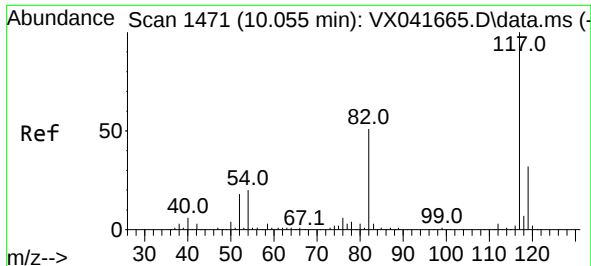
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#62
4-Bromofluorobenzene
Concen: 47.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

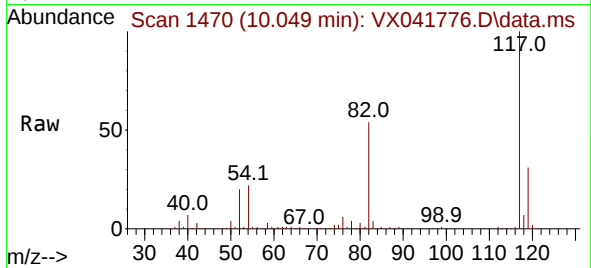
Tgt Ion: 95 Resp: 117351
Ion Ratio Lower Upper
95 100
174 95.3 0.0 135.6
176 92.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

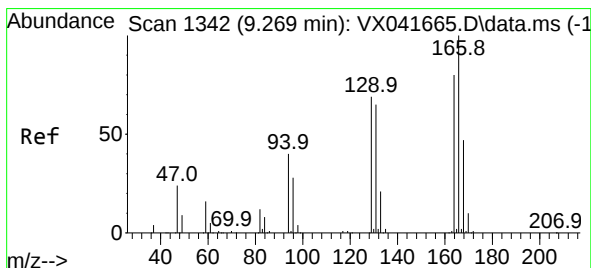
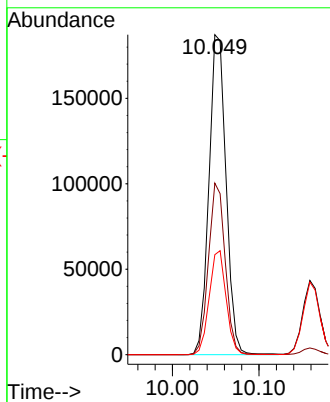
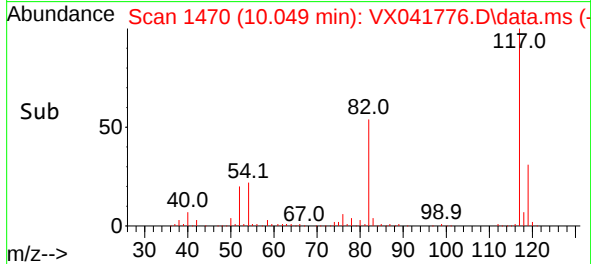
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 25675
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.3 25.5 38.3

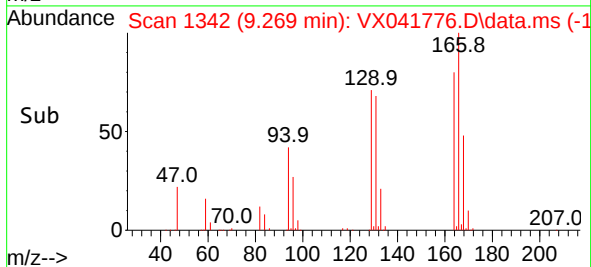
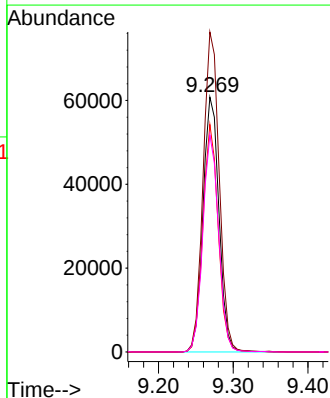
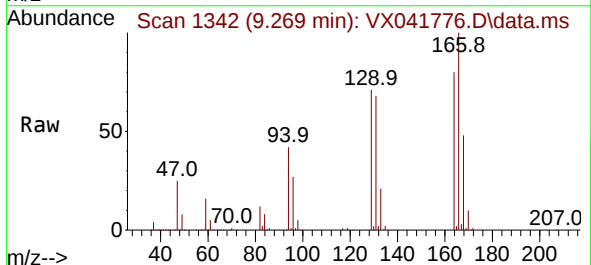
Manual Integrations
APPROVED

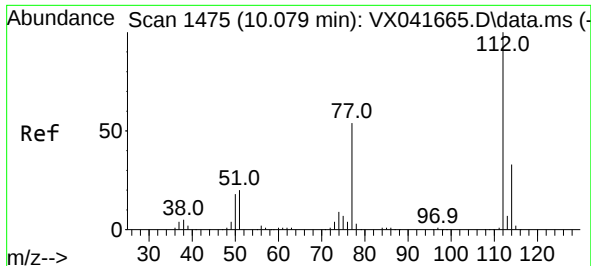
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#64
Tetrachloroethene
Concen: 46.846 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion:164 Resp: 90147
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 89.3 80.4 120.6
131 85.1 76.5 114.7





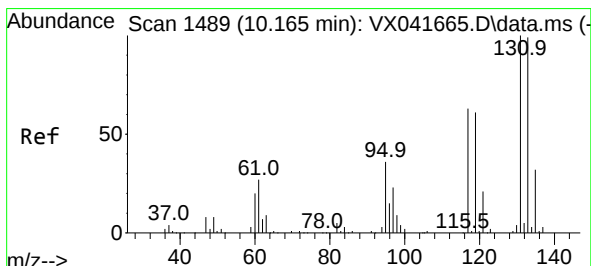
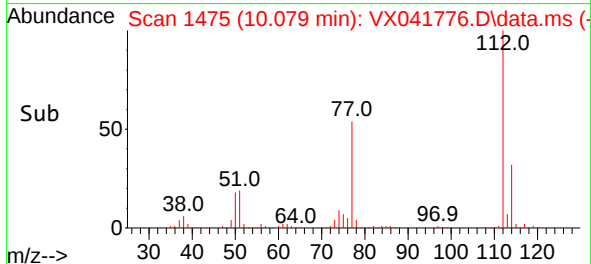
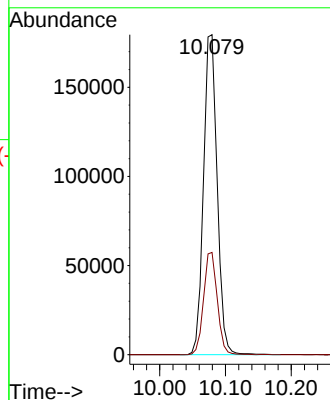
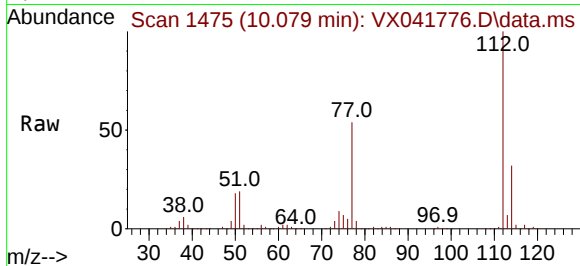
#65
Chlorobenzene
Concen: 47.028 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 25913
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

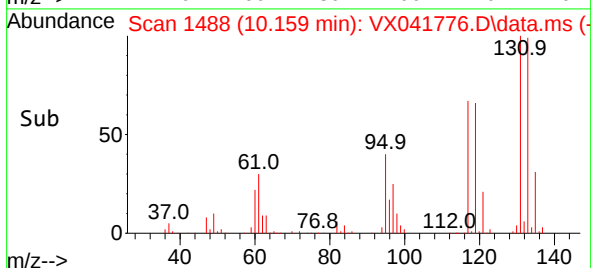
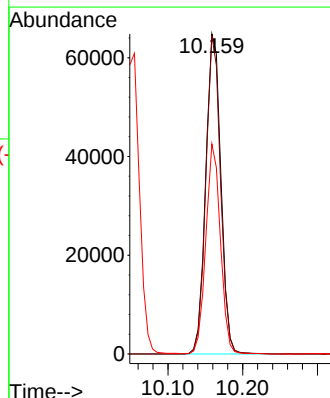
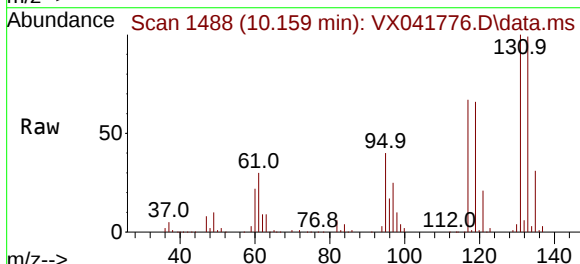
Manual Integrations
APPROVED

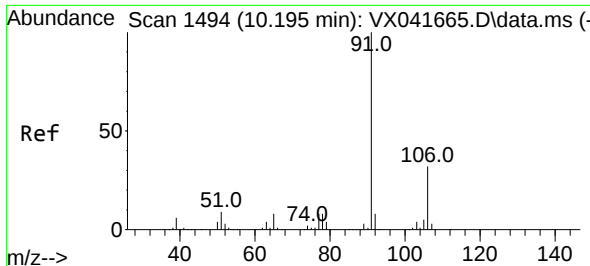
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.723 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion:131 Resp: 91249
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 63.2 32.2 96.6





#67

Ethyl Benzene

Concen: 48.583 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 42662

Ion Ratio Lower Upper

91 100

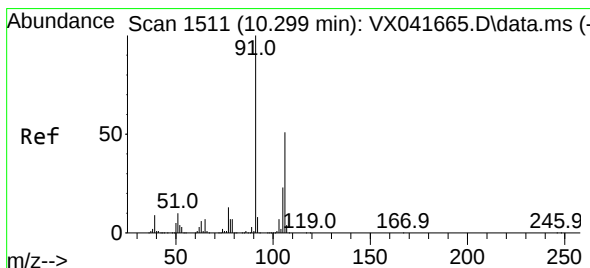
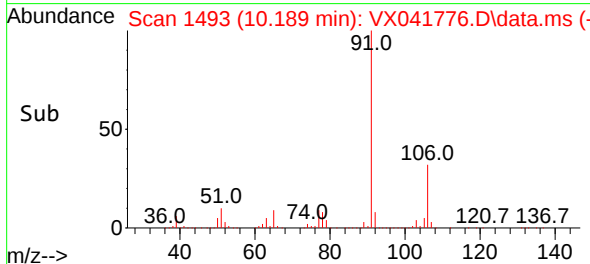
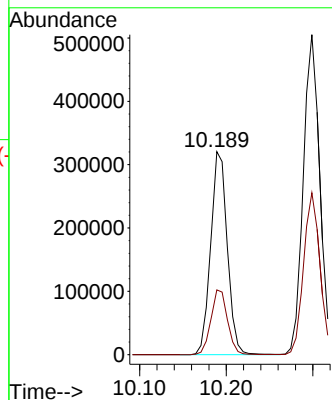
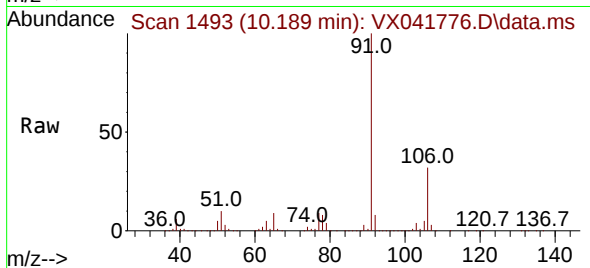
106 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#68

m/p-Xylenes

Concen: 96.821 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041776.D

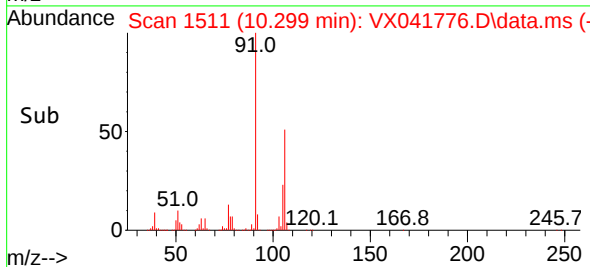
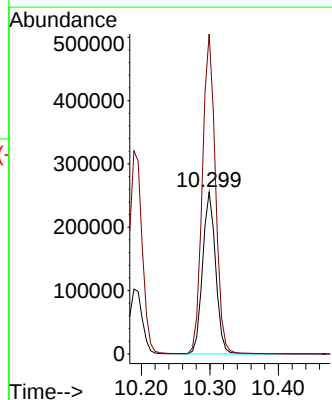
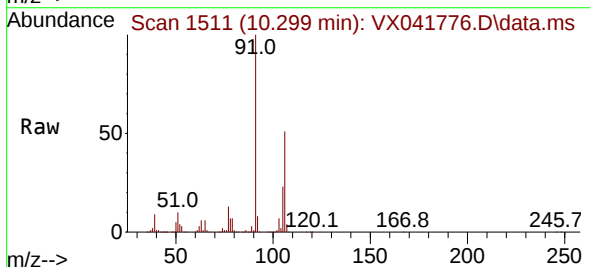
Acq: 06 Jun 2024 16:59

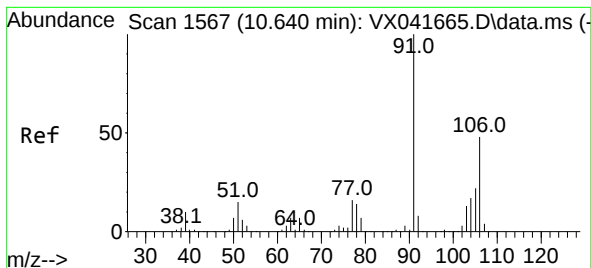
Tgt Ion:106 Resp: 338241

Ion Ratio Lower Upper

106 100

91 198.8 165.5 248.3





#69

o-Xylene

Concen: 48.035 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 166930

Ion Ratio Lower Upper

106 100

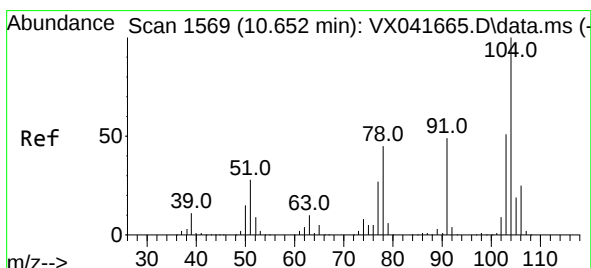
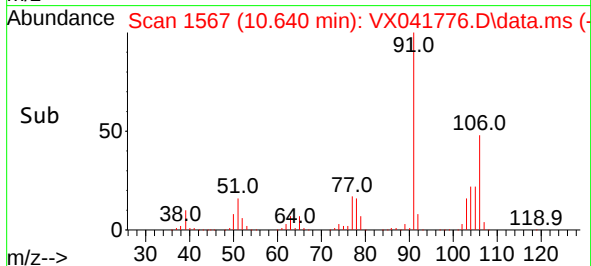
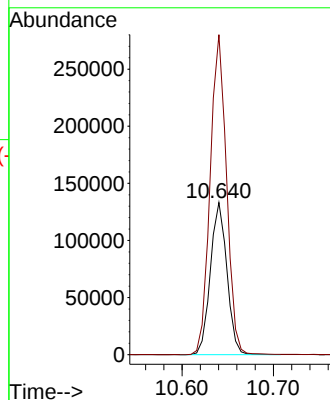
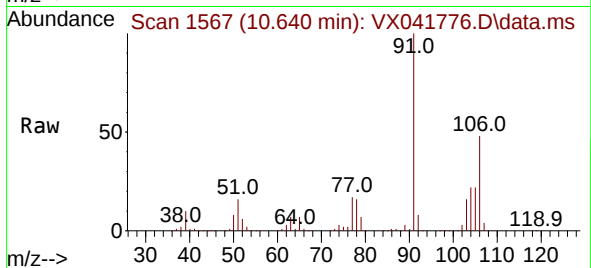
91 208.4 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#70

Styrene

Concen: 49.827 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

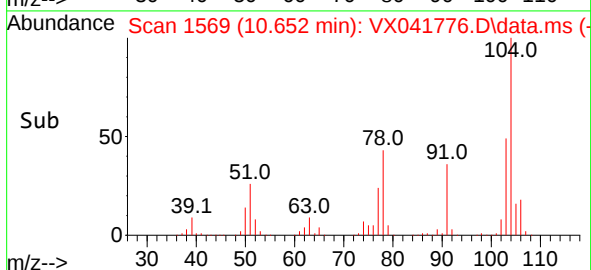
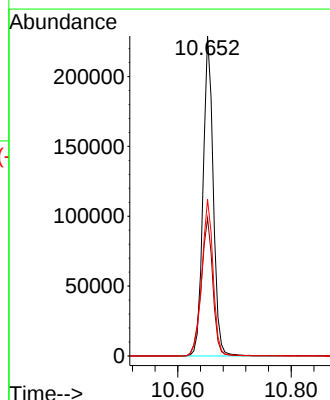
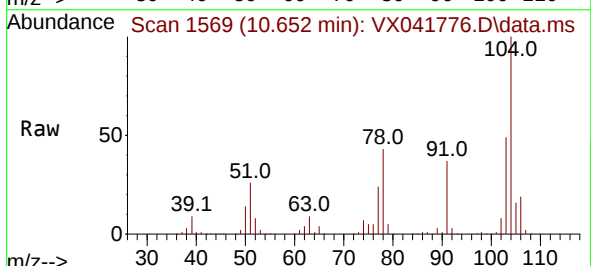
Tgt Ion:104 Resp: 286017

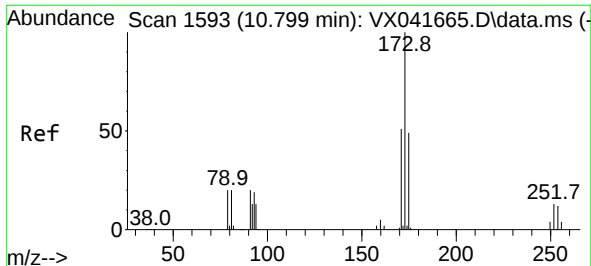
Ion Ratio Lower Upper

104 100

78 48.9 43.6 65.4

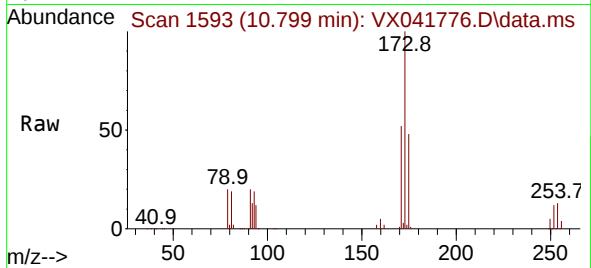
103 54.1 43.6 65.4





#71
Bromoform
Concen: 50.281 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

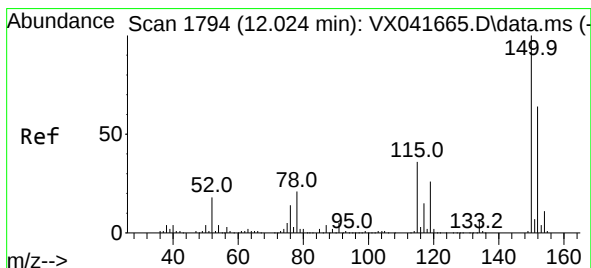
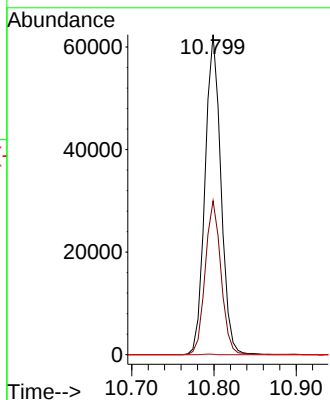
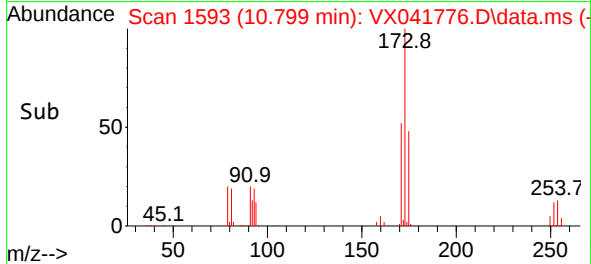
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



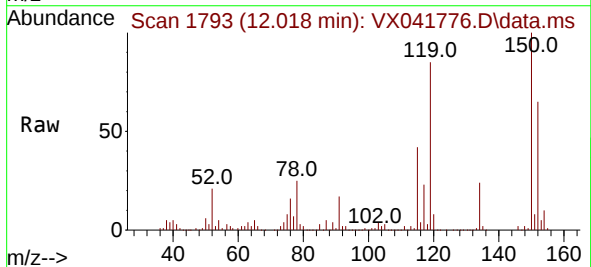
Tgt Ion:173 Resp: 83720
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

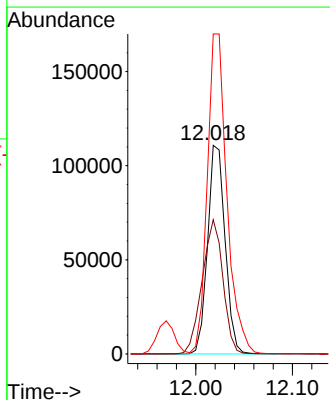
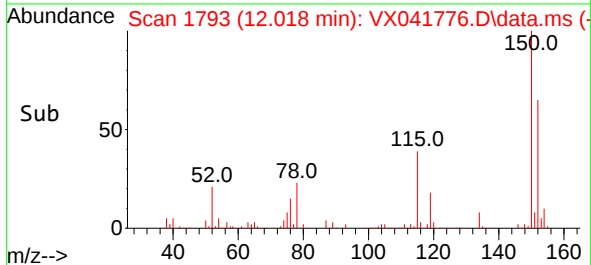
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

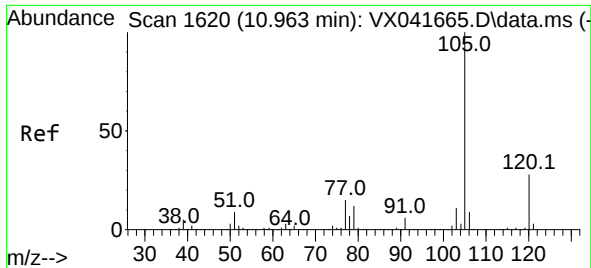


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



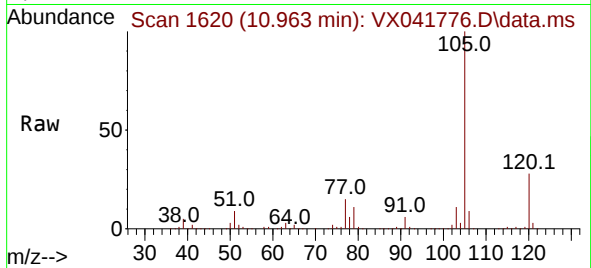
Tgt Ion:152 Resp: 139361
Ion Ratio Lower Upper
152 100
115 76.5 43.3 129.9
150 171.6 0.0 345.0





#73
Isopropylbenzene
Concen: 50.011 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

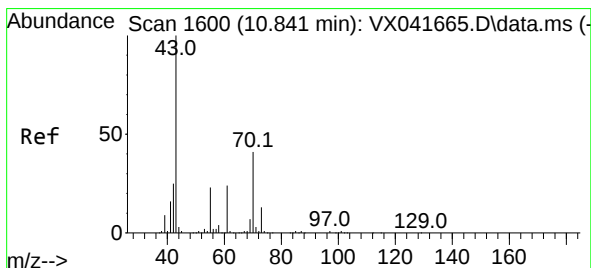
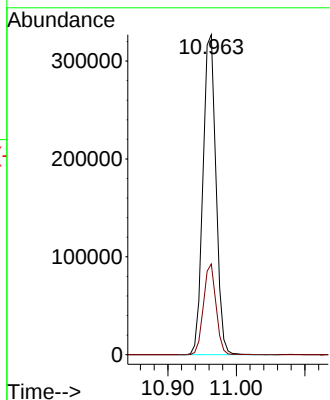
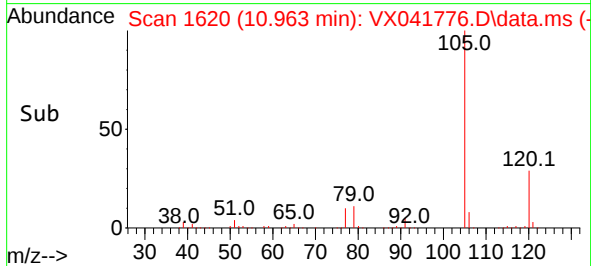
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



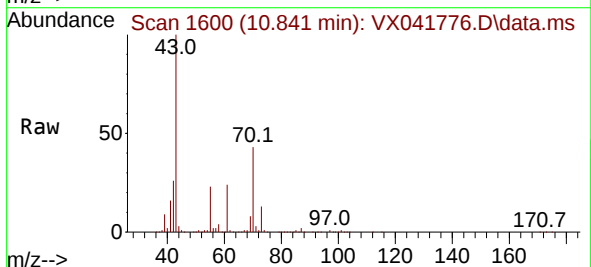
Tgt Ion:105 Resp: 432320
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6

Manual Integrations
APPROVED

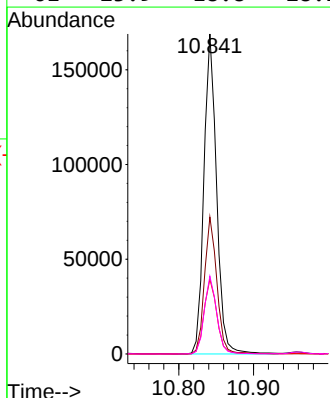
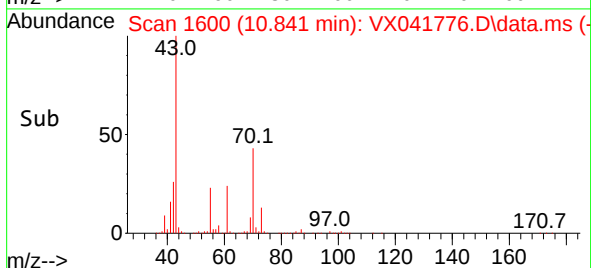
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

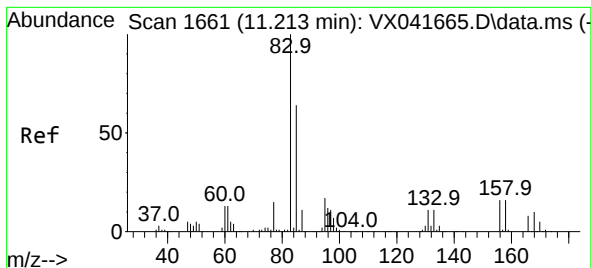


#74
N-ethyl acetate
Concen: 51.867 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



Tgt Ion: 43 Resp: 198619
Ion Ratio Lower Upper
43 100
70 42.2 32.9 49.3
55 23.9 19.3 28.9
61 23.9 18.8 28.2





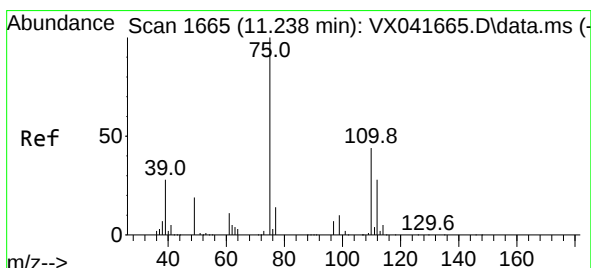
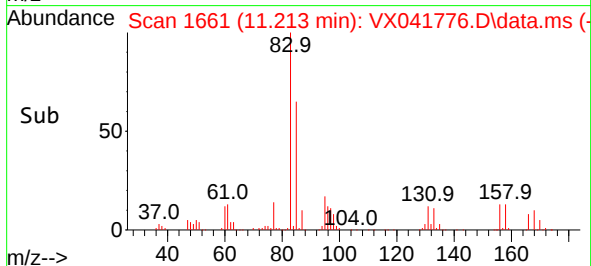
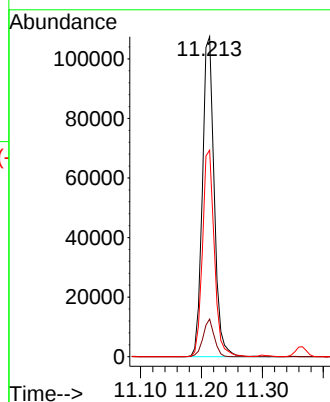
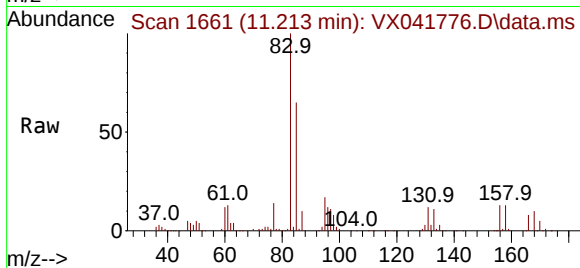
#75
1,1,2,2-Tetrachloroethane
Concen: 47.157 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 144672
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 65.0 32.0 96.2

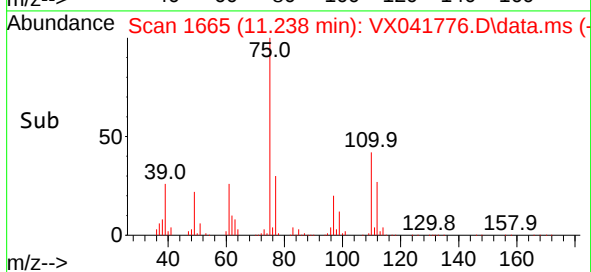
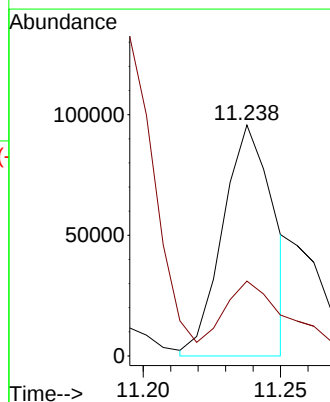
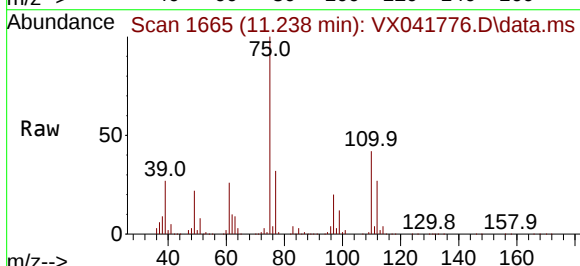
Manual Integrations
APPROVED

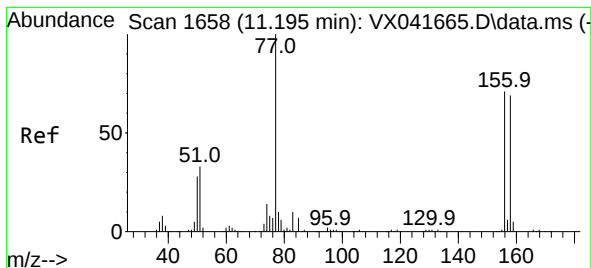
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#76
1,2,3-Trichloropropane
Concen: 50.445 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 75 Resp: 122660
Ion Ratio Lower Upper
75 100
77 43.1 19.1 57.5





#77

Bromobenzene

Concen: 46.529 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 118728

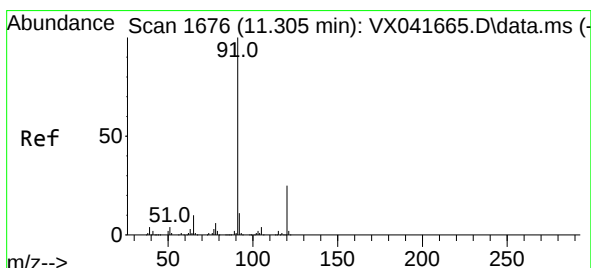
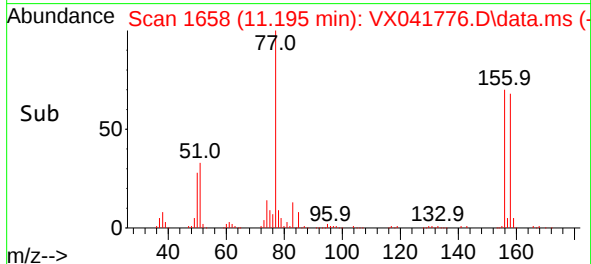
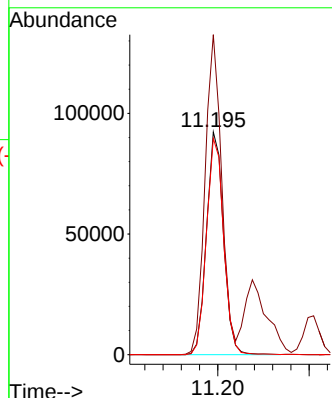
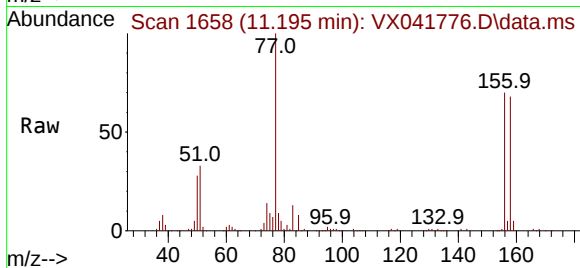
Ion	Ratio	Lower	Upper
156	100		
77	140.3	88.4	265.3
158	98.5	48.0	144.0

Manual Integrations

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Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#78

n-propylbenzene

Concen: 51.946 ug/l

RT: 11.305 min Scan# 1676

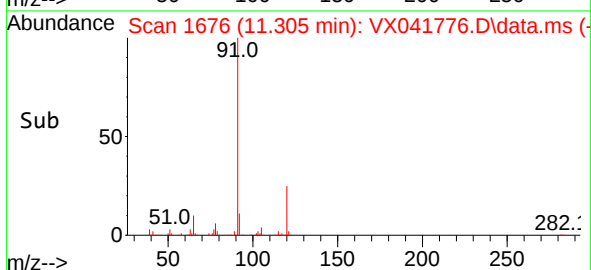
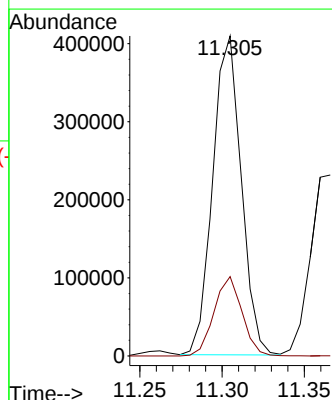
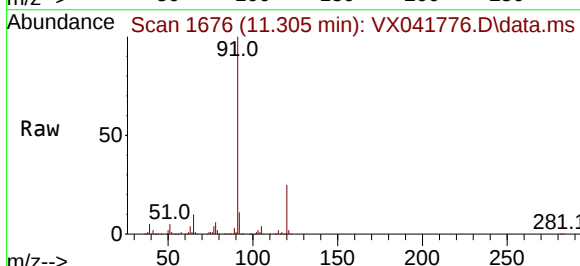
Delta R.T. 0.000 min

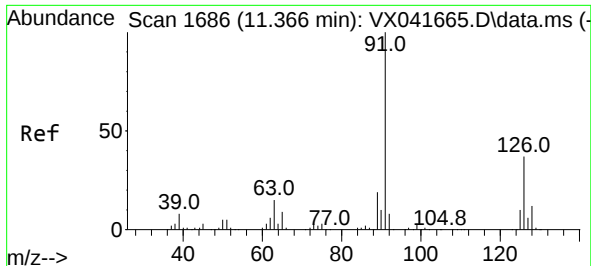
Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion: 91 Resp: 493094

Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.953 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 298669

Ion Ratio Lower Upper

91 100

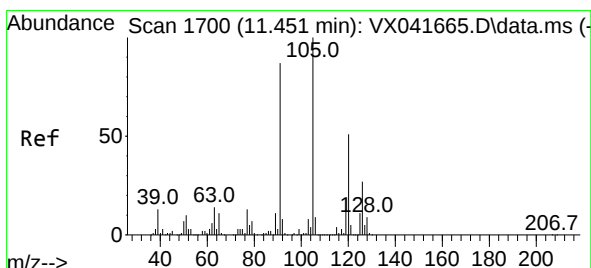
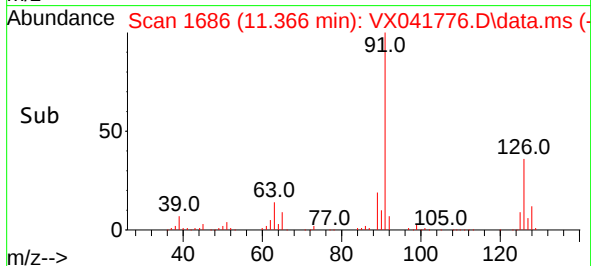
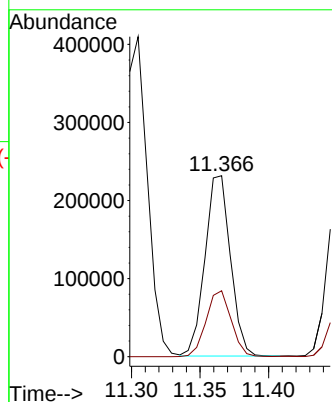
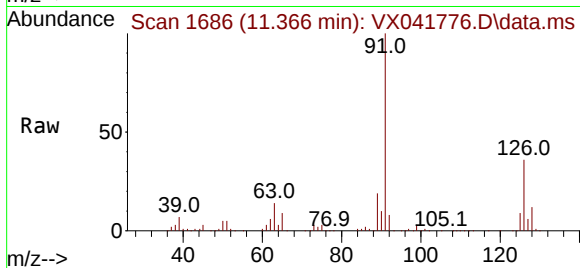
126 36.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.303 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041776.D

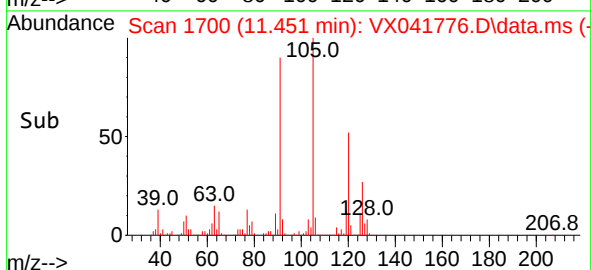
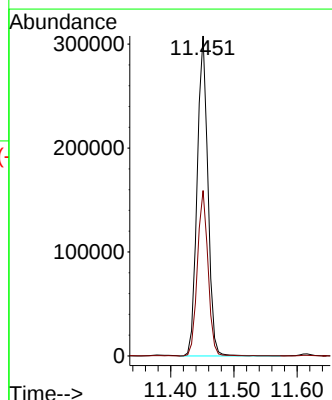
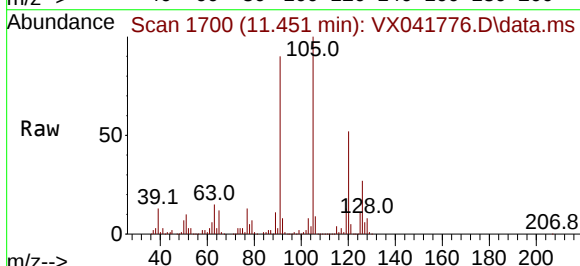
Acq: 06 Jun 2024 16:59

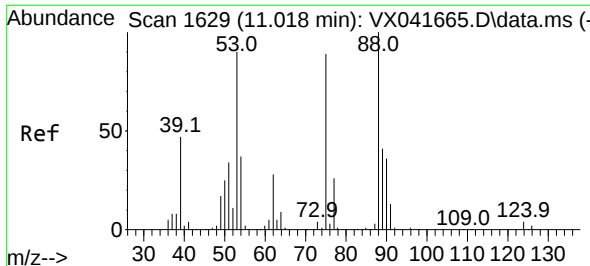
Tgt Ion:105 Resp: 363071

Ion Ratio Lower Upper

105 100

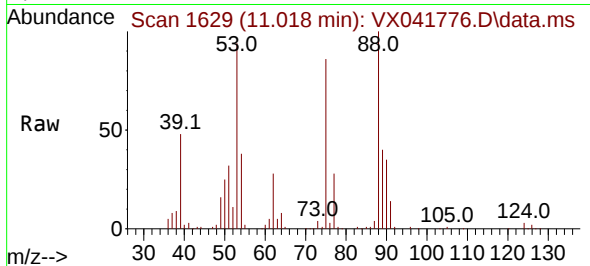
120 51.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.960 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

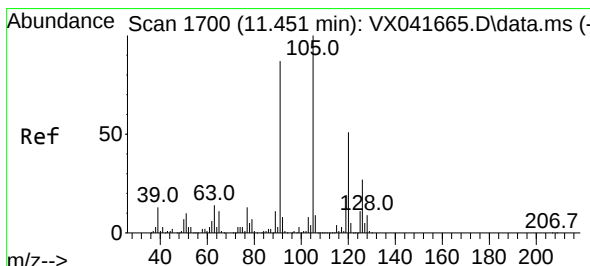
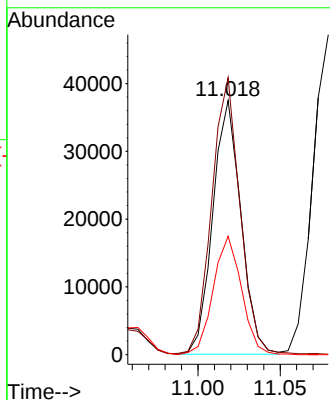
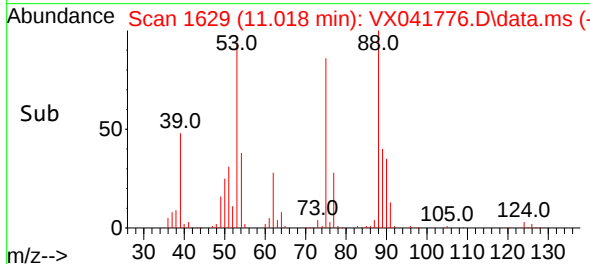
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 44572
Ion Ratio Lower Upper
75 100
53 110.4 90.5 135.7
89 47.0 36.9 55.3

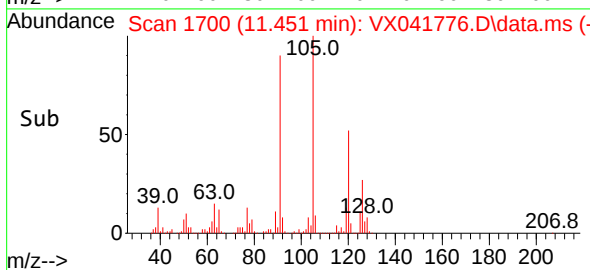
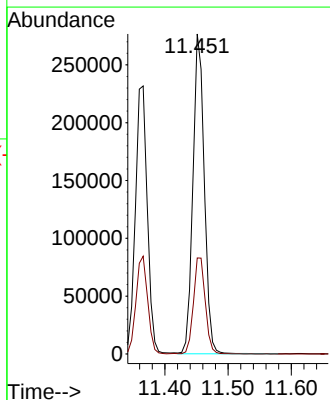
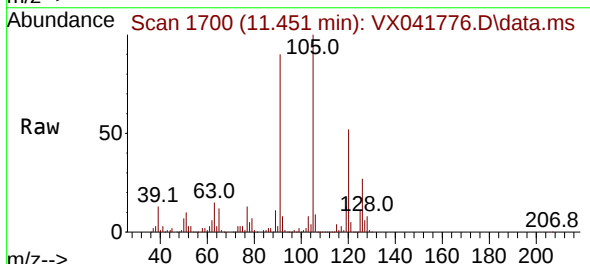
Manual Integrations
APPROVED

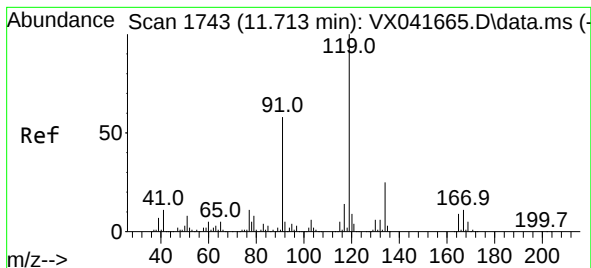
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#82
4-Chlorotoluene
Concen: 49.834 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

Tgt Ion: 91 Resp: 345903
Ion Ratio Lower Upper
91 100
126 31.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.640 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

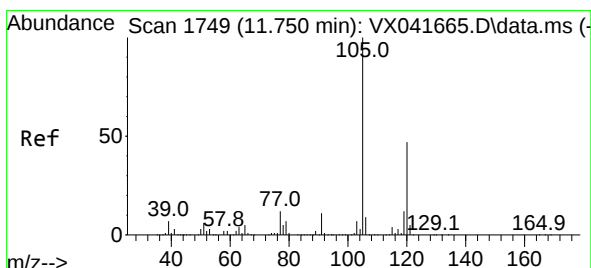
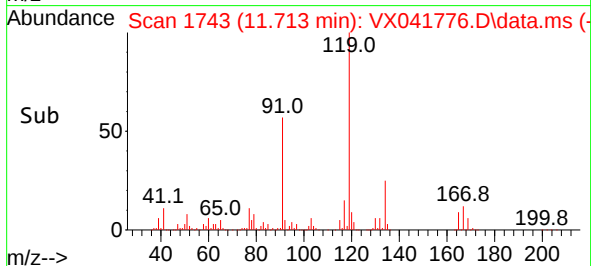
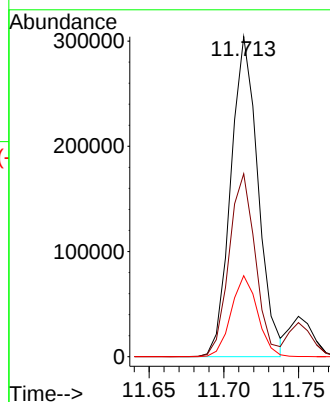
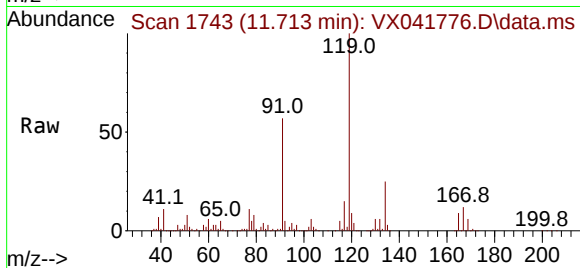
Tgt Ion:	119	Resp:	385939
Ion Ratio	Lower	Upper	
119	100		
91	55.5	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.609 ug/l

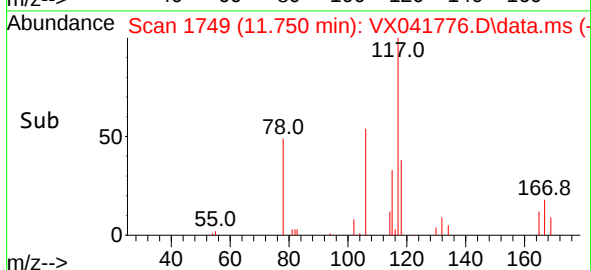
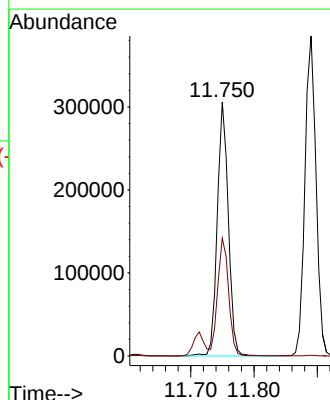
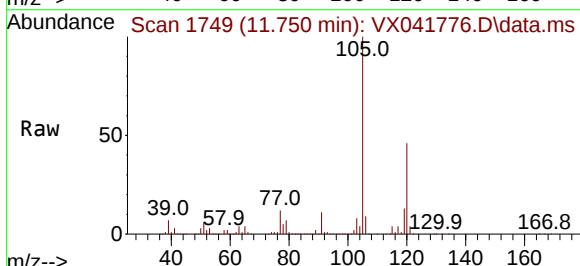
RT: 11.750 min Scan# 1749

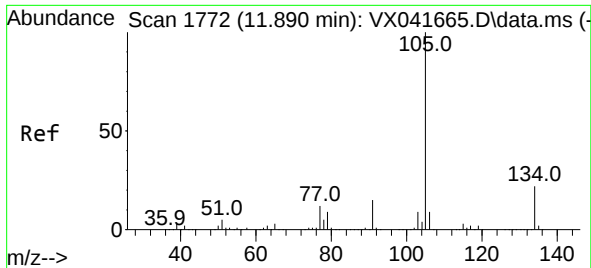
Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion:	105	Resp:	370096
Ion Ratio	Lower	Upper	
105	100		
120	45.7	21.2	63.6





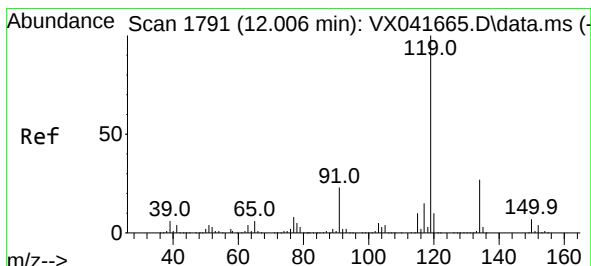
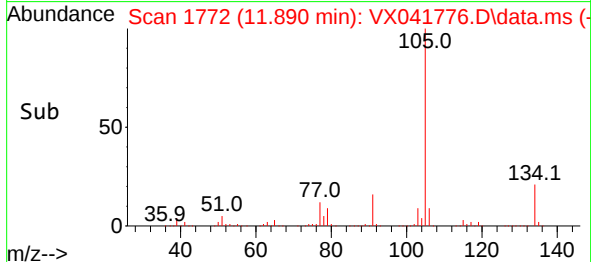
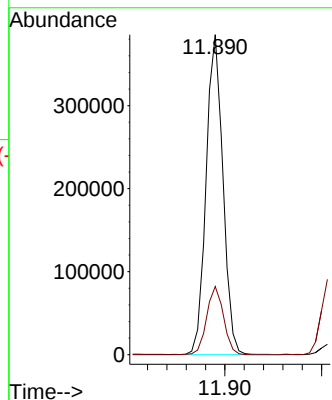
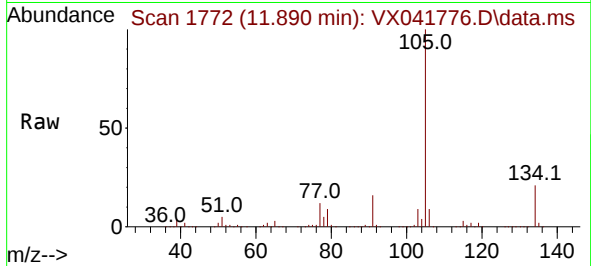
#85
 sec-Butylbenzene
 Concen: 52.281 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041776.D
 Acq: 06 Jun 2024 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 466000
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4

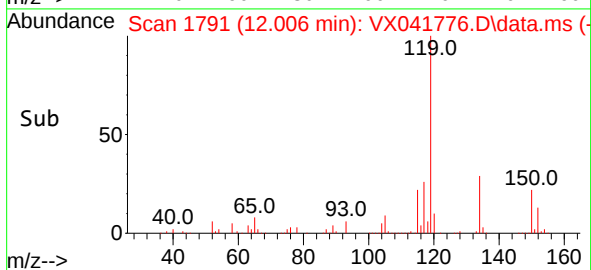
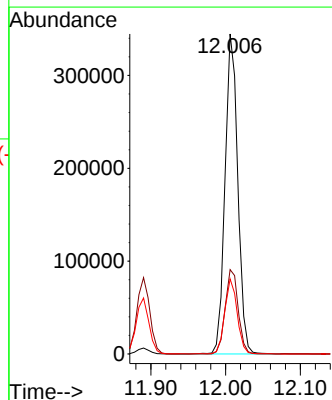
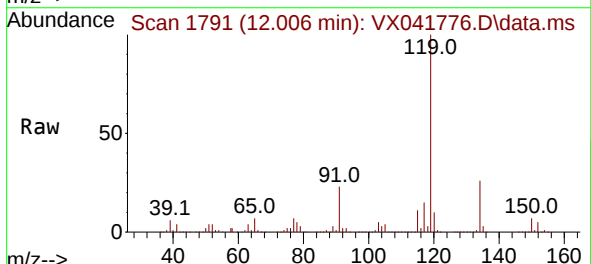
Manual Integrations
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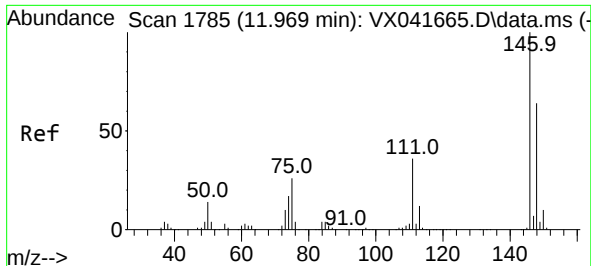
Reviewed By :John Carlone 06/07/2024
 Supervised By :Mahesh Dadoda 06/07/2024



#86
 p-Isopropyltoluene
 Concen: 52.466 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041776.D
 Acq: 06 Jun 2024 16:59

Tgt Ion:119 Resp: 410147
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 23.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.253 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041776.D

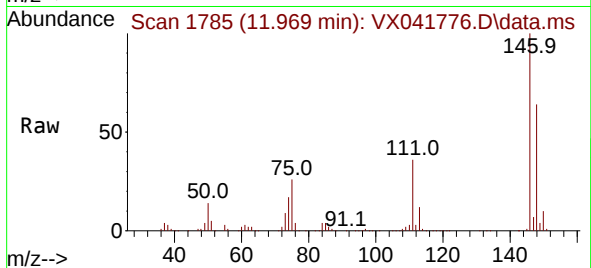
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 21989

Ion Ratio Lower Upper

146 100

111 37.4 22.1 66.1

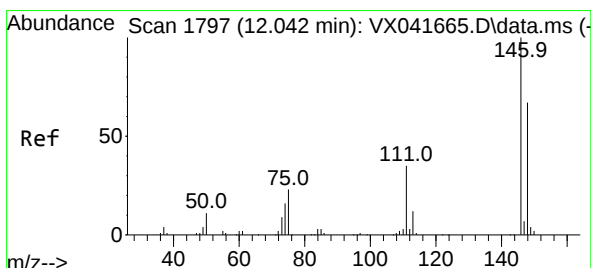
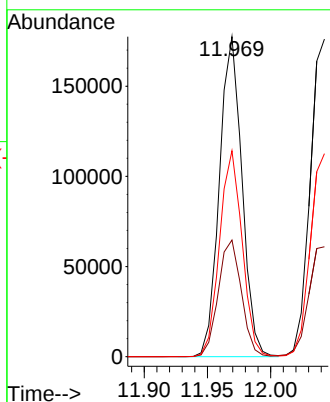
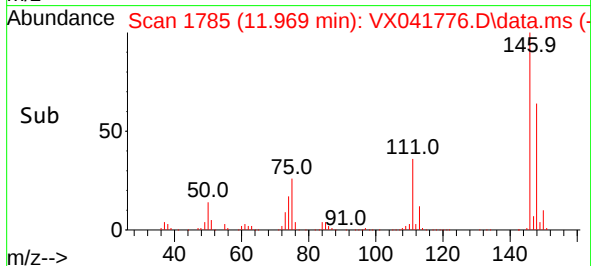
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#88

1,4-Dichlorobenzene

Concen: 47.132 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

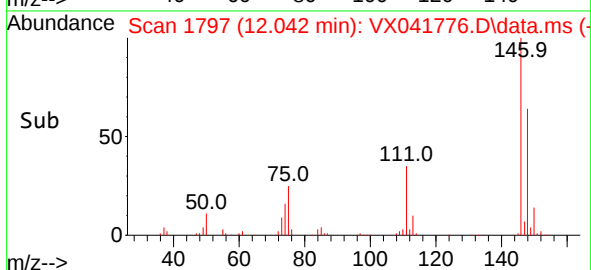
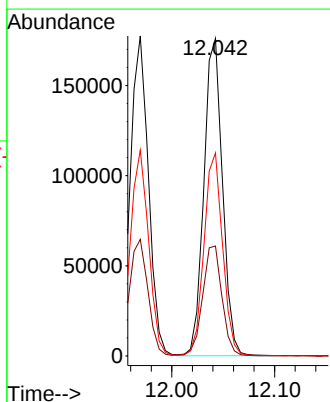
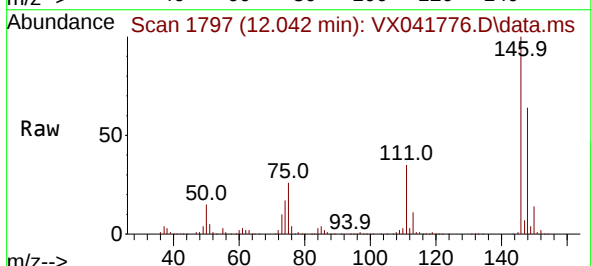
Tgt Ion:146 Resp: 221407

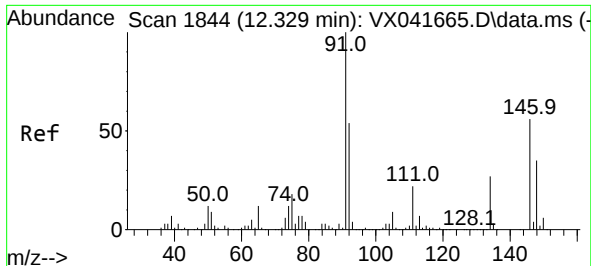
Ion Ratio Lower Upper

146 100

111 36.2 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 54.657 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041776.D

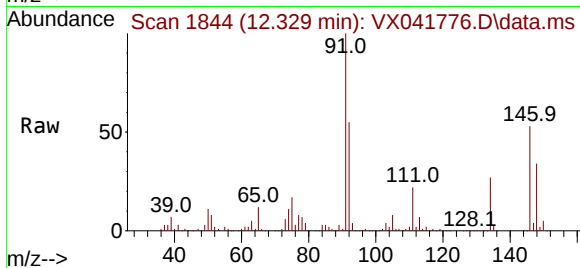
Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 338240

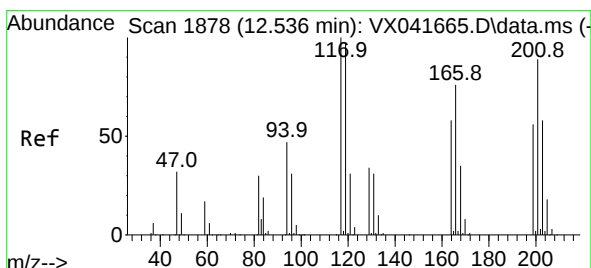
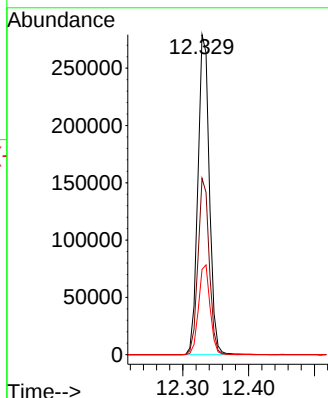
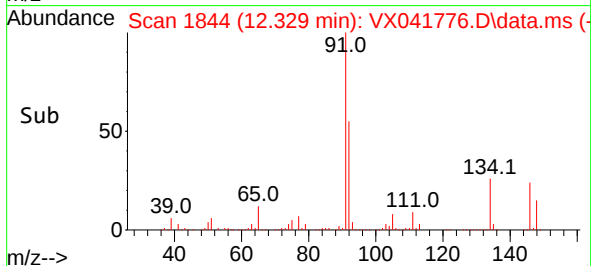
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.0
134	28.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#90

Hexachloroethane

Concen: 50.277 ug/l

RT: 12.536 min Scan# 1878

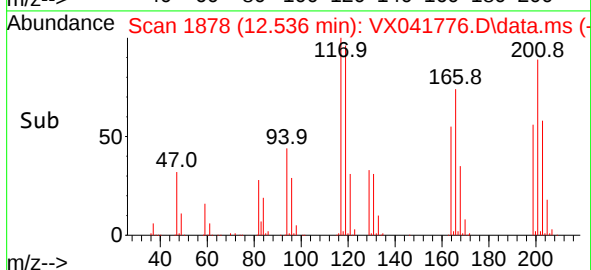
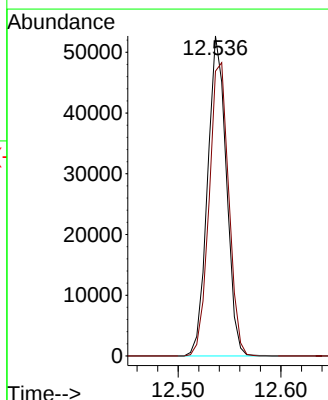
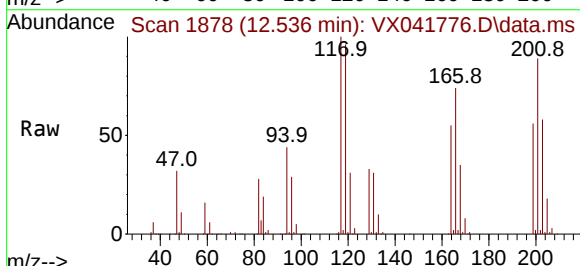
Delta R.T. 0.000 min

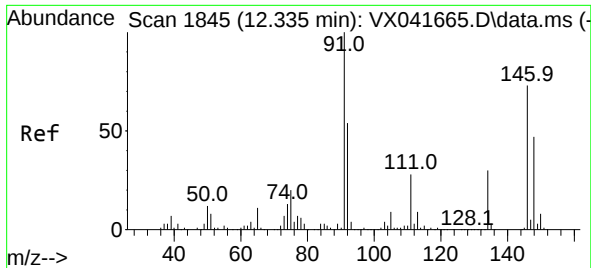
Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion:117 Resp: 66849

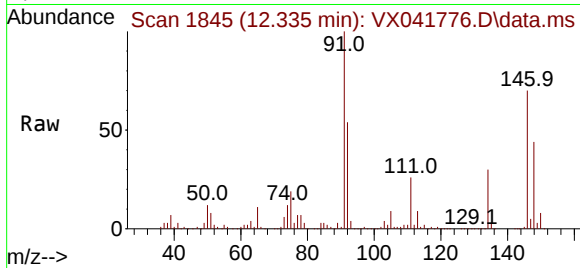
Ion	Ratio	Lower	Upper
117	100		
201	95.1	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 47.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59

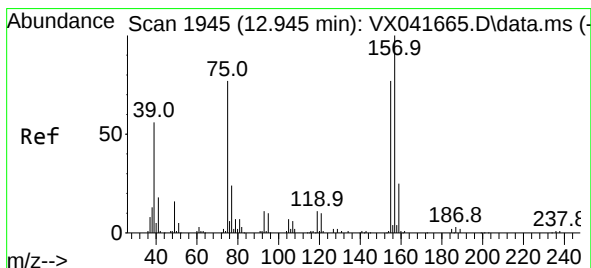
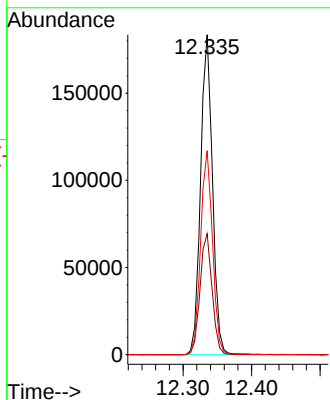
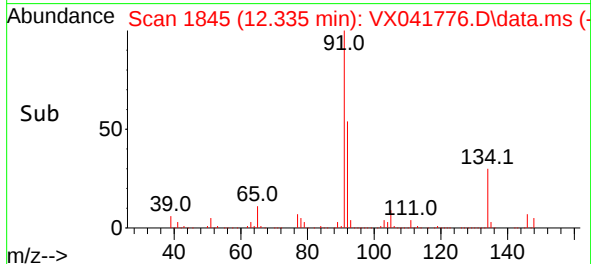
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



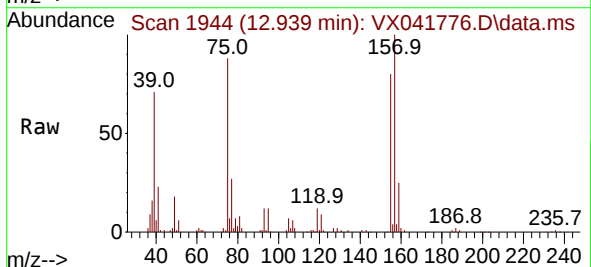
Tgt Ion:146 Resp: 222074
Ion Ratio Lower Upper
146 100
111 38.5 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

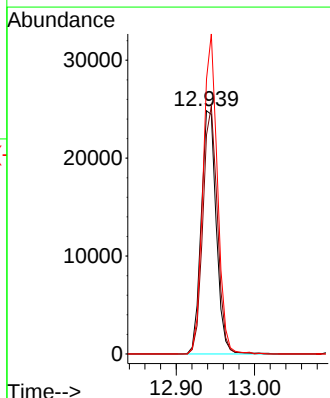
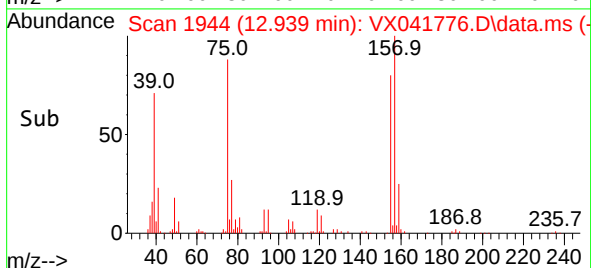
Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

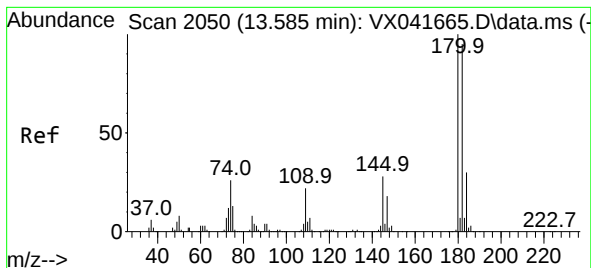


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.475 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041776.D
Acq: 06 Jun 2024 16:59



Tgt Ion: 75 Resp: 33142
Ion Ratio Lower Upper
75 100
155 97.5 36.1 108.5
157 124.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.152 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 153420

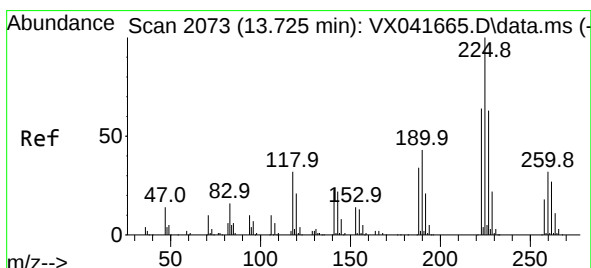
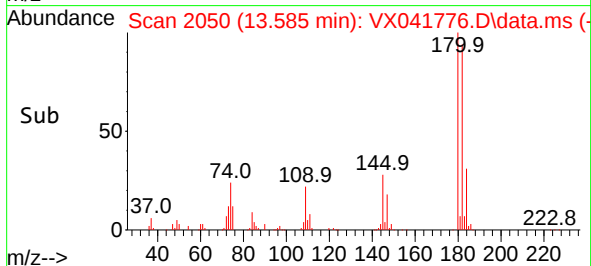
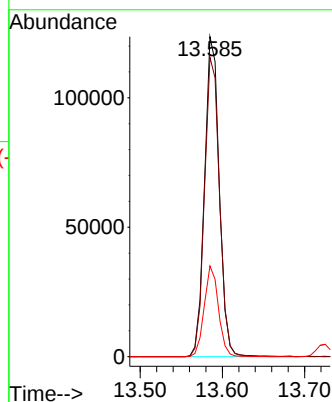
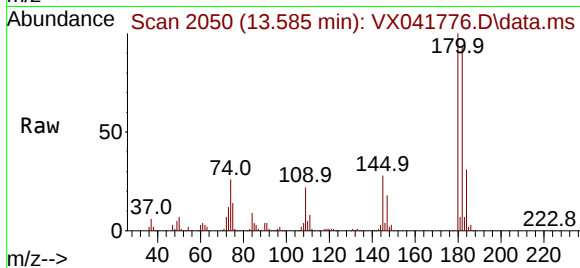
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.8
145	27.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#94

Hexachlorobutadiene

Concen: 48.097 ug/l

RT: 13.725 min Scan# 2073

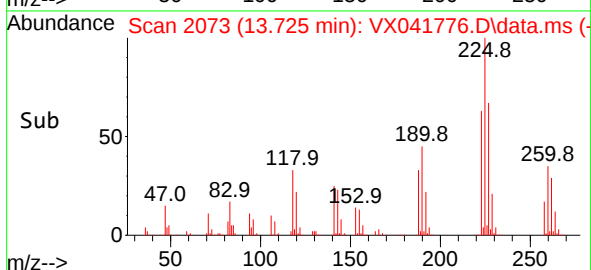
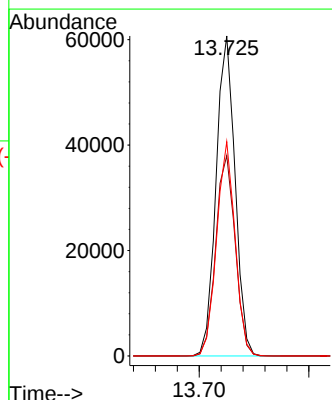
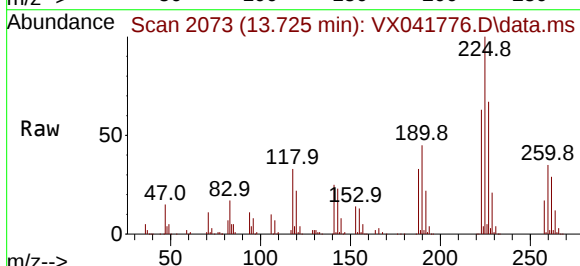
Delta R.T. 0.000 min

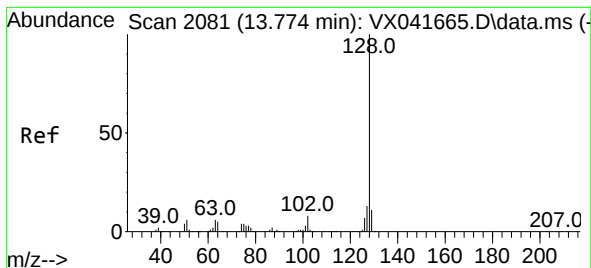
Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion:225 Resp: 72899

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	65.2	32.5	97.5





#95

Naphthalene

Concen: 51.160 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

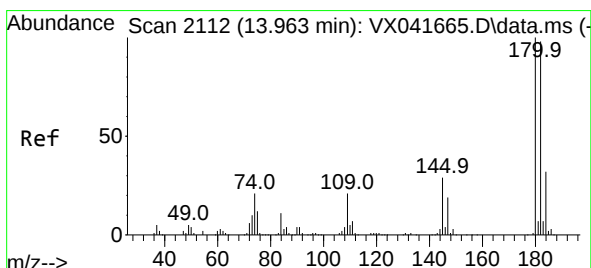
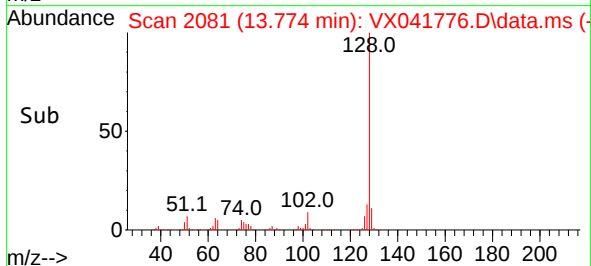
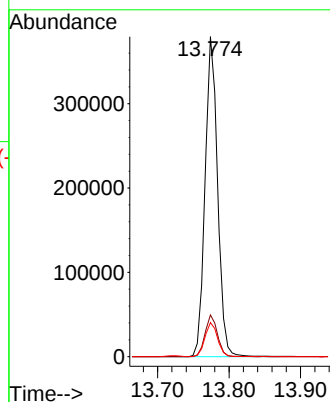
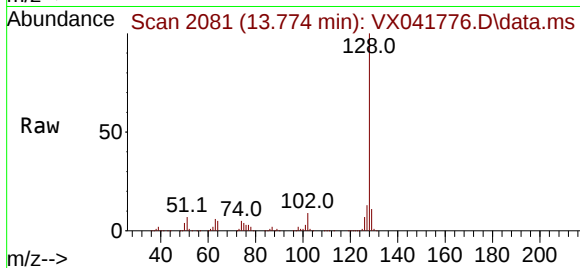
Tgt Ion:	128	Resp:	46185
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.135 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041776.D

Acq: 06 Jun 2024 16:59

Tgt Ion:	180	Resp:	154699
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.9	140.6
145	29.6	17.8	53.5

