

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041992.D
 Acq On : 21 Jun 2024 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 22 05:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	249406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91712	45.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.520%		
35) Dibromofluoromethane	5.391	113	84072	47.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.647	98	292451	47.041	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	11.079	95	110106	48.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62039	46.854	ug/l	97
3) Chloromethane	1.307	50	72614	43.713	ug/l	100
4) Vinyl Chloride	1.374	62	76027	45.658	ug/l	99
5) Bromomethane	1.593	94	35679	43.392	ug/l	98
6) Chloroethane	1.666	64	40932	59.734	ug/l	96
7) Trichlorofluoromethane	1.867	101	117557	53.886	ug/l	99
8) Diethyl Ether	2.136	74	49772	48.602	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.312	101	74424	49.523	ug/l	88
10) Methyl Iodide	2.440	142	87975	47.099	ug/l	# 87
11) Tert butyl alcohol	3.001	59	94852	249.375	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	72607	48.435	ug/l	83
13) Acrolein	2.239	56	108510	254.500	ug/l	99
14) Allyl chloride	2.660	41	109430	46.029	ug/l	88
15) Acrylonitrile	3.074	53	268746	270.504	ug/l	98
16) Acetone	2.398	43	208806	237.269	ug/l	# 89
17) Carbon Disulfide	2.501	76	124291	40.663	ug/l	97
18) Methyl Acetate	2.709	43	138763	57.801	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	253118	51.109	ug/l	99
20) Methylene Chloride	2.782	84	87996	45.665	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	71911	47.266	ug/l	84
22) Diisopropyl ether	3.769	45	259737	51.686	ug/l	# 83
23) Vinyl Acetate	3.727	43	1114128	259.602	ug/l	95
24) 1,1-Dichloroethane	3.605	63	143756	51.082	ug/l	98
25) 2-Butanone	4.574	43	369719	270.041	ug/l	93
26) 2,2-Dichloropropane	4.471	77	74394	36.505	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	94863	49.784	ug/l	85
28) Bromochloromethane	4.903	49	57991	48.111	ug/l	# 78
29) Tetrahydrofuran	5.019	42	241518	273.141	ug/l	96
30) Chloroform	5.092	83	149232	50.900	ug/l	97
31) Cyclohexane	5.464	56	107695	45.948	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	125949	51.411	ug/l	97
36) 1,1-Dichloropropene	5.690	75	91667	48.779	ug/l	96
37) Ethyl Acetate	4.727	43	135343	55.288	ug/l	98
38) Carbon Tetrachloride	5.672	117	106095	51.098	ug/l	98
39) Methylcyclohexane	7.379	83	113019	47.555	ug/l	93
40) Benzene	6.037	78	319041	50.338	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73961	55.736	ug/l	93
42) 1,2-Dichloroethane	6.086	62	105662	51.757	ug/l	91
43) Isopropyl Acetate	6.348	43	196506	52.297	ug/l	95
44) Trichloroethene	7.123	130	84765	49.895	ug/l	88
45) 1,2-Dichloropropane	7.433	63	82319	52.822	ug/l	99
46) Dibromomethane	7.580	93	59117	52.063	ug/l #	78
47) Bromodichloromethane	7.824	83	110951	53.221	ug/l	96
48) Methyl methacrylate	7.696	41	98481	54.918	ug/l	86
49) 1,4-Dioxane	7.671	88	50339	1059.684	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	719548	277.998	ug/l	95
52) Toluene	8.720	92	207876	51.507	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	103999	47.280	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	116920	51.227	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	90431	53.786	ug/l	97
56) Ethyl methacrylate	9.116	69	141444	54.077	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	143595	52.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	345607	283.540	ug/l	93
59) 2-Hexanone	9.433	43	556652	280.793	ug/l	92
60) Dibromochloromethane	9.525	129	98881	54.143	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92182	52.868	ug/l	99
64) Tetrachloroethene	9.275	164	84306	49.860	ug/l	92
65) Chlorobenzene	10.079	112	241353	49.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	88333	52.238	ug/l	99
67) Ethyl Benzene	10.195	91	391347	51.703	ug/l	97
68) m/p-Xylenes	10.299	106	311467	101.938	ug/l	91
69) o-Xylene	10.640	106	155539	51.417	ug/l	93
70) Styrene	10.658	104	270694	53.364	ug/l	93
71) Bromoform	10.799	173	78594	48.269	ug/l #	98
73) Isopropylbenzene	10.963	105	401800	53.114	ug/l	96
74) N-amyl acetate	10.847	43	176138	52.418	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	146017	51.912	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114535m	50.711	ug/l	
77) Bromobenzene	11.201	156	114828	50.967	ug/l	79
78) n-propylbenzene	11.305	91	435088	53.008	ug/l	95
79) 2-Chlorotoluene	11.366	91	273423	51.703	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	335045	53.174	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	37245	46.831	ug/l	91
82) 4-Chlorotoluene	11.457	91	308090	52.701	ug/l	92
83) tert-Butylbenzene	11.713	119	364342	52.698	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	336187	53.182	ug/l	93
85) sec-Butylbenzene	11.890	105	420849	53.817	ug/l	95
86) p-Isopropyltoluene	12.012	119	367193	53.753	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	203184	51.308	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	203473	50.077	ug/l	95
89) n-Butylbenzene	12.335	91	278944	53.047	ug/l	98
90) Hexachloroethane	12.536	117	60473	51.997	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	213022	52.569	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31060	55.721	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.591	180	136919	51.579	ug/l	96
94) Hexachlorobutadiene	13.725	225	67560	50.331	ug/l	99
95) Naphthalene	13.774	128	445159	49.908	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146551	52.346	ug/l	95

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MSVOA_X
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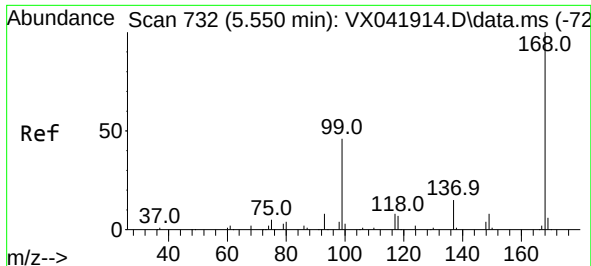
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 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



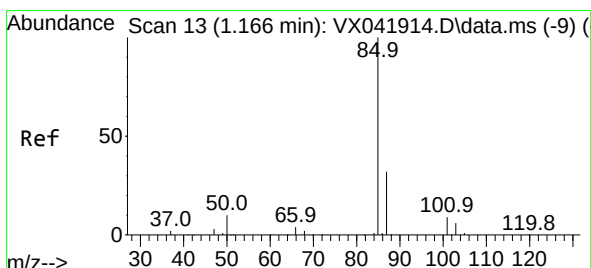
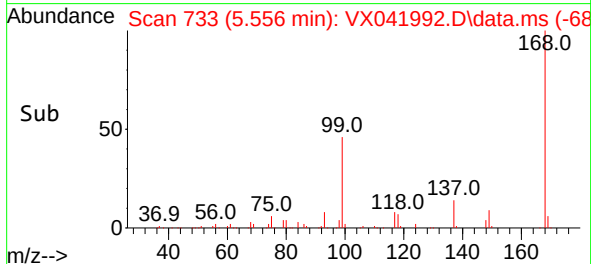
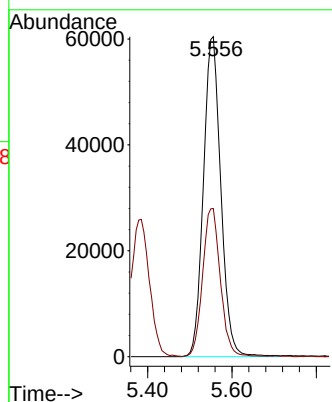
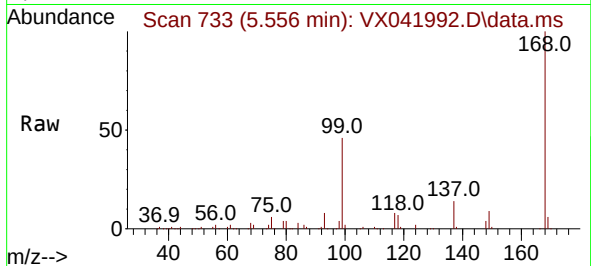
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 173804
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0

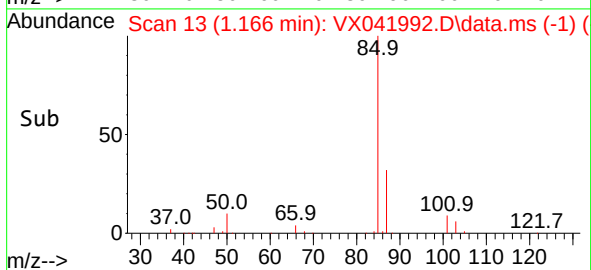
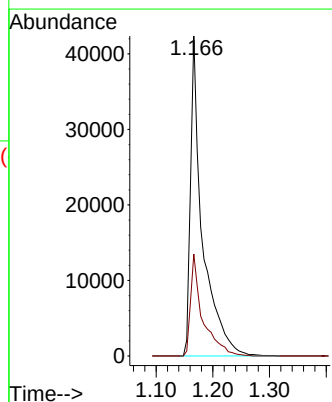
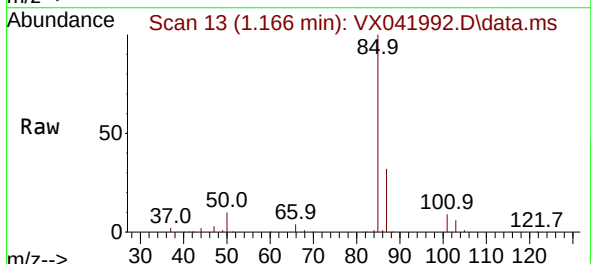
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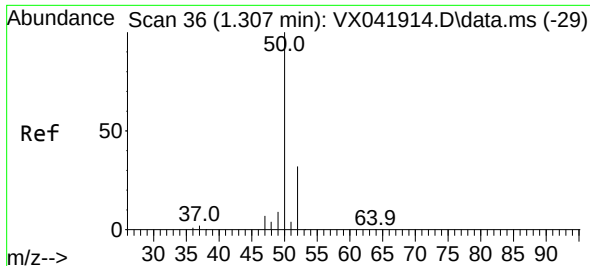
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#2
Dichlorodifluoromethane
Concen: 46.854 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

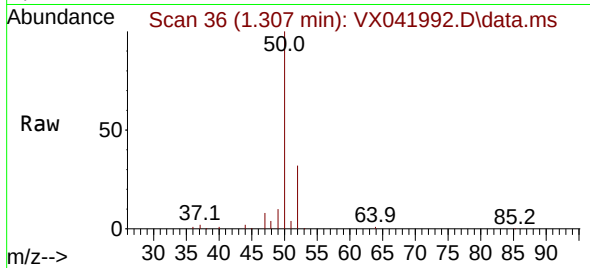
Tgt Ion: 85 Resp: 62039
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 43.713 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

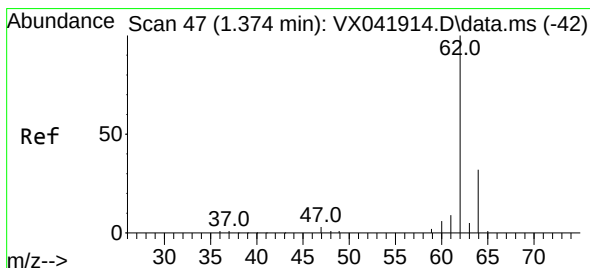
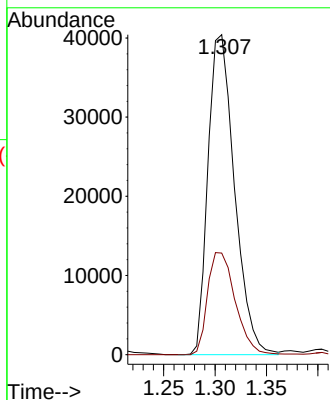
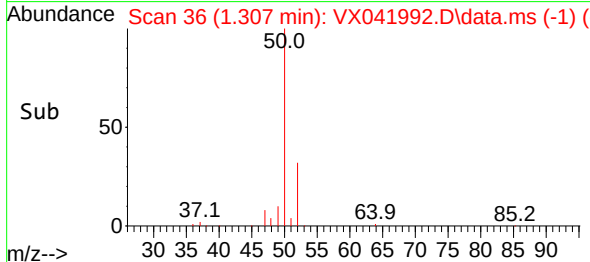
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 72614
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

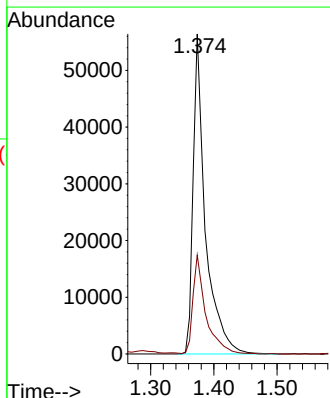
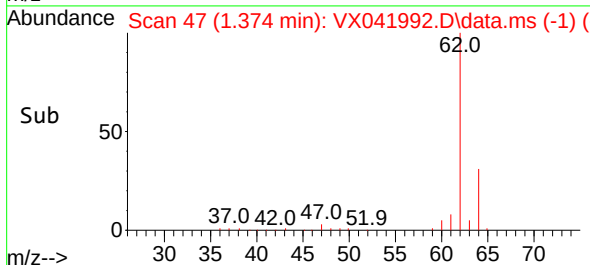
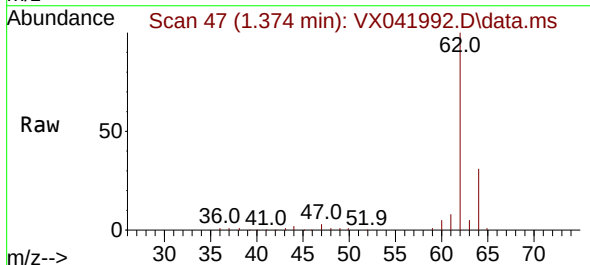
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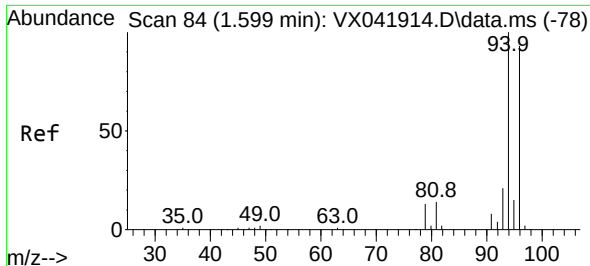
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#4
Vinyl Chloride
Concen: 45.658 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

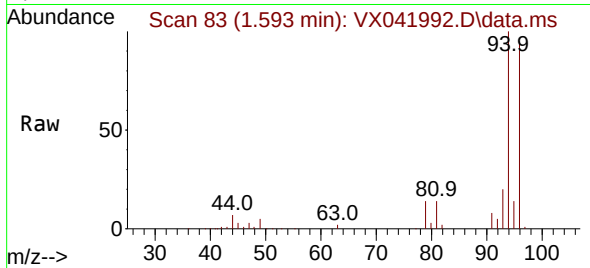
Tgt Ion: 62 Resp: 76027
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 43.392 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

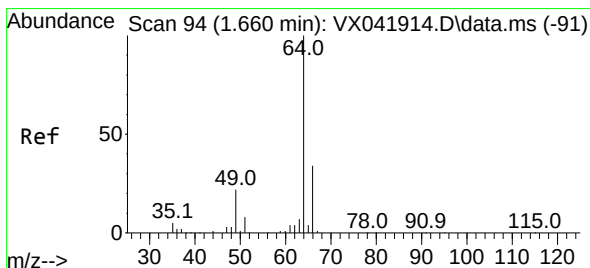
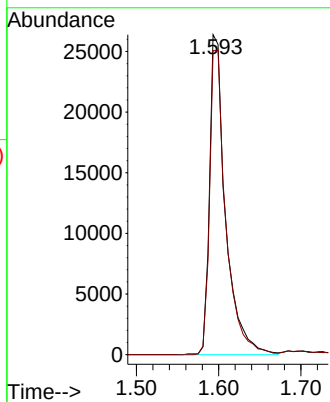
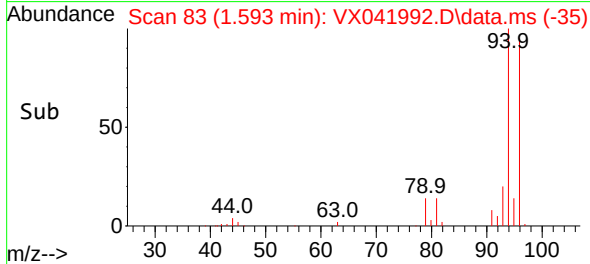
Instrument :
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Tgt Ion: 94 Resp: 35679
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8

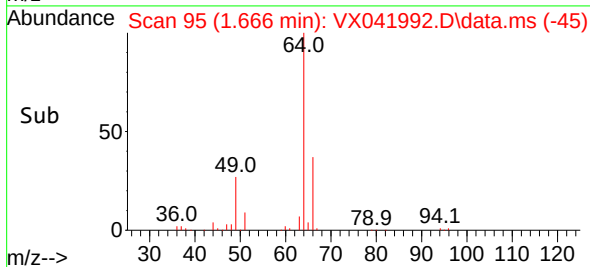
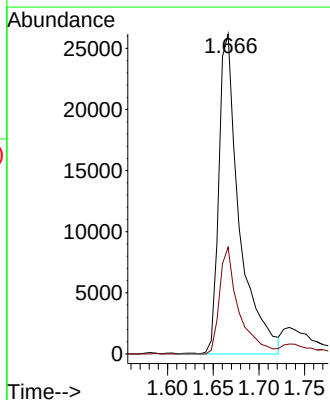
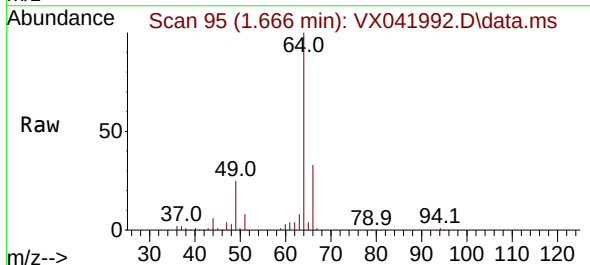
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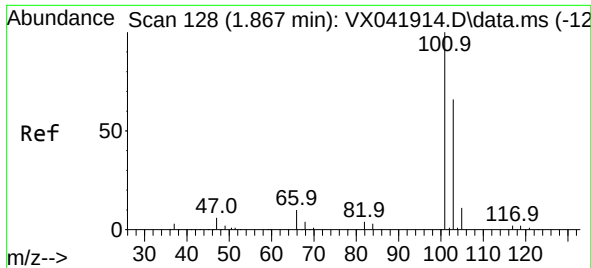
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#6
Chloroethane
Concen: 59.734 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

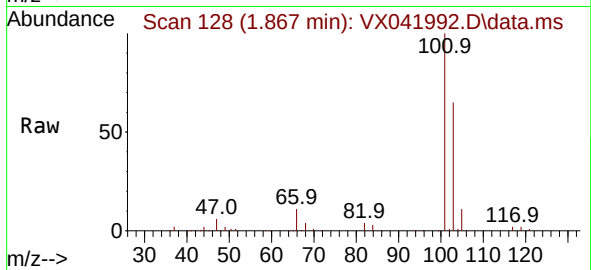
Tgt Ion: 64 Resp: 40932
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 53.886 ug/l
 RT: 1.867 min Scan# 11755
 Delta R.T. -0.000 min
 Lab File: VX041992.D
 Acq: 21 Jun 2024 20:19

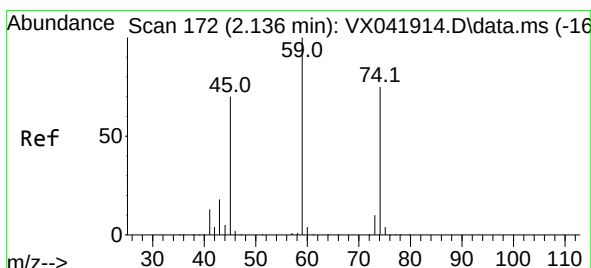
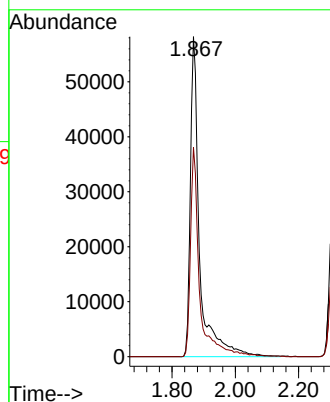
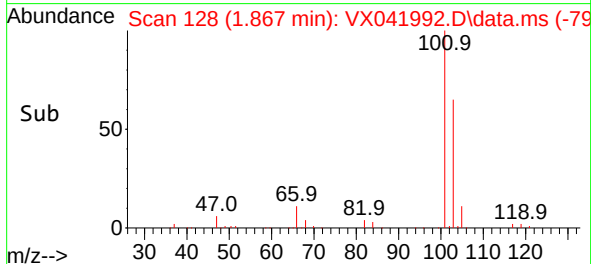
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 11755
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

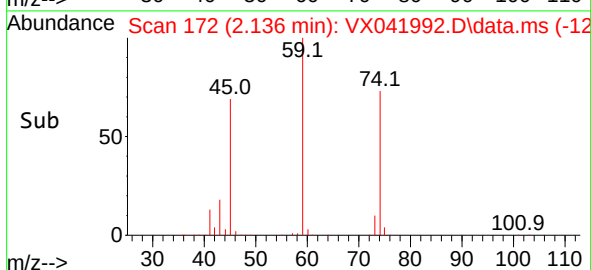
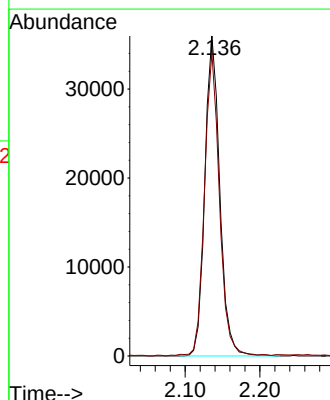
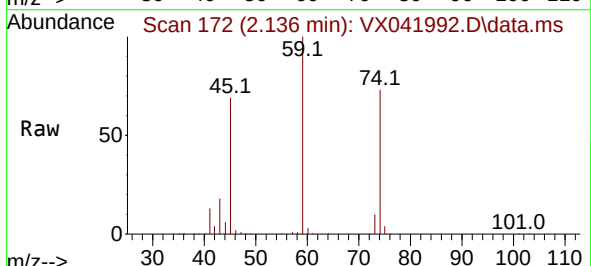
Manual Integrations
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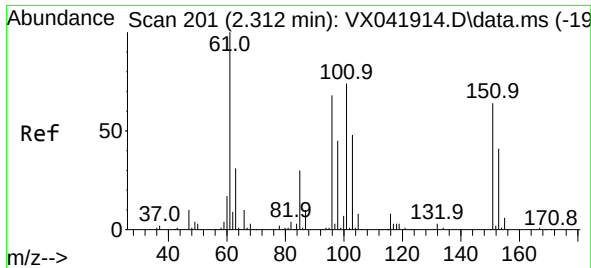
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#8
 Diethyl Ether
 Concen: 48.602 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041992.D
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Tgt Ion: 74 Resp: 49772
 Ion Ratio Lower Upper
 74 100
 45 95.7 53.3 159.8





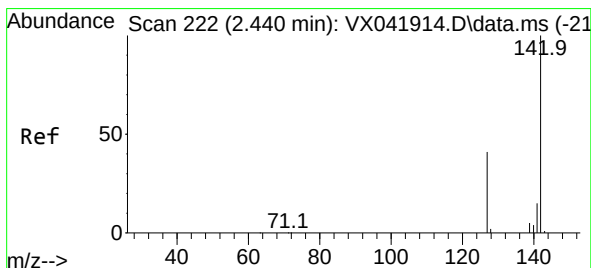
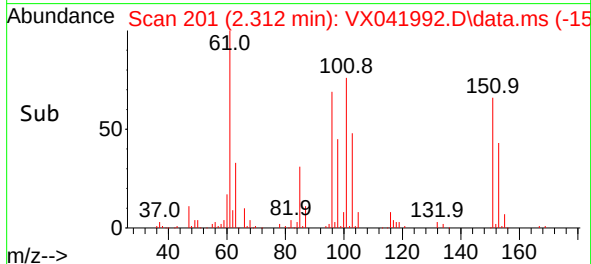
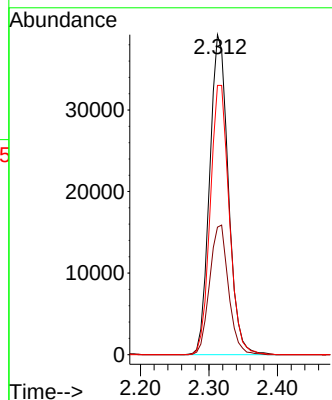
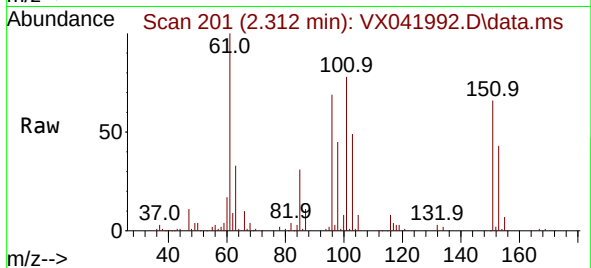
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.523 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 74424
Ion Ratio Lower Upper
101 100
85 40.9 37.0 55.6
151 85.3 58.6 87.8

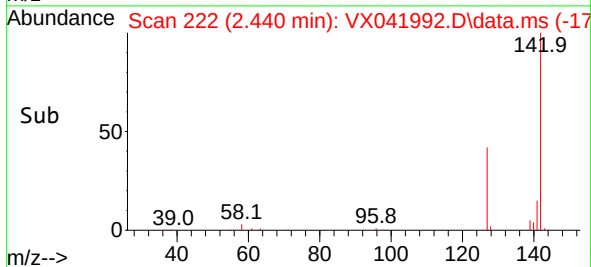
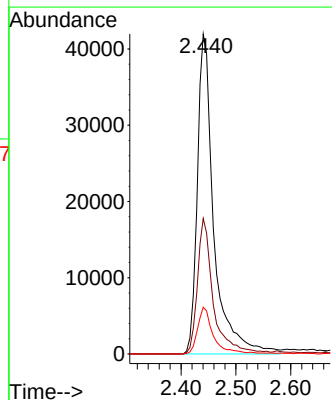
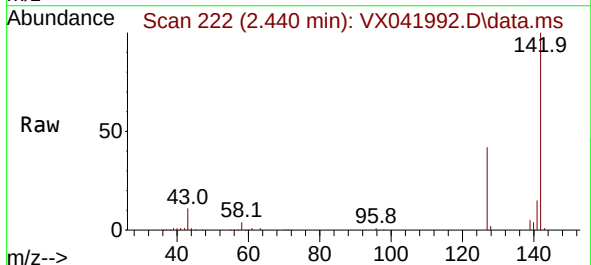
Manual Integrations
APPROVED

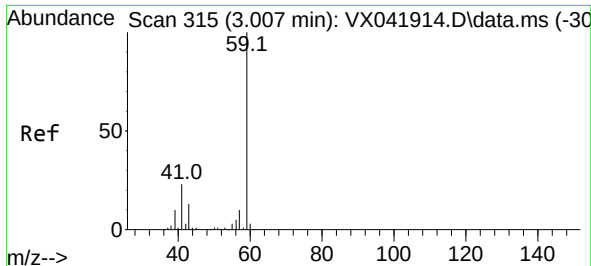
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#10
Methyl Iodide
Concen: 47.099 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion:142 Resp: 87975
Ion Ratio Lower Upper
142 100
127 40.7 41.6 62.4#
141 14.2 11.6 17.4





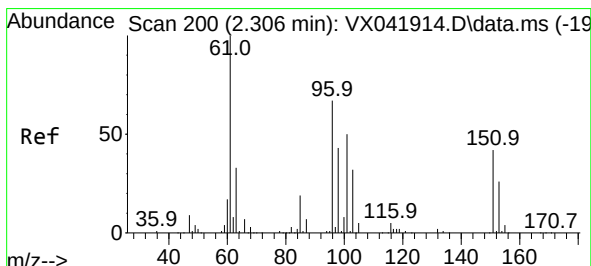
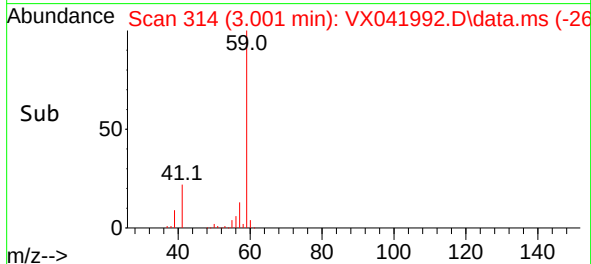
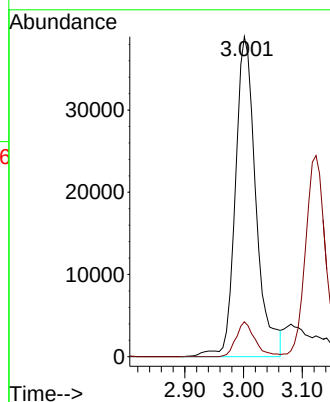
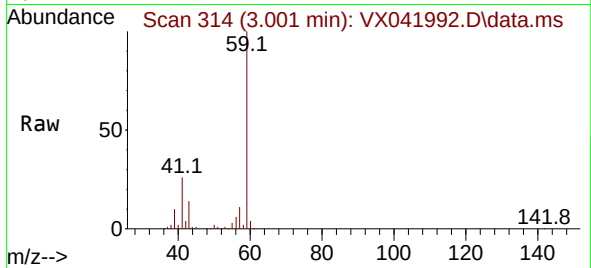
#11
Tert butyl alcohol
Concen: 249.375 ug/l
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 94852
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

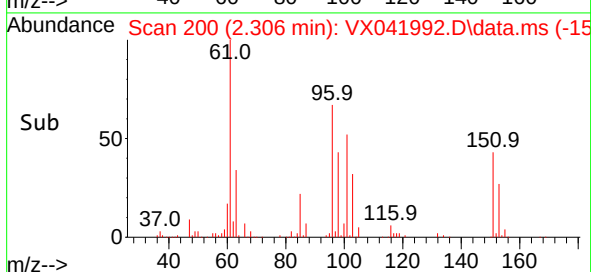
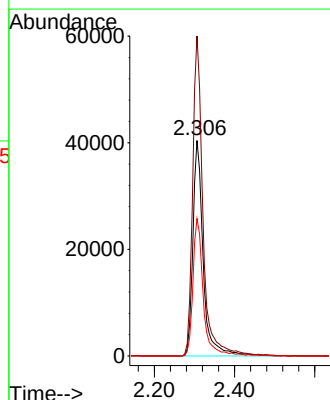
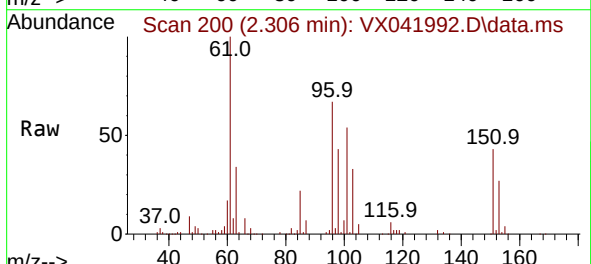
Manual Integrations
APPROVED

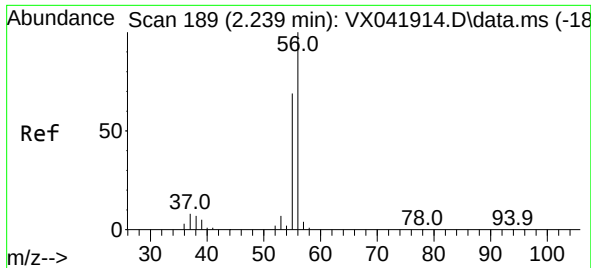
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#12
1,1-Dichloroethene
Concen: 48.435 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

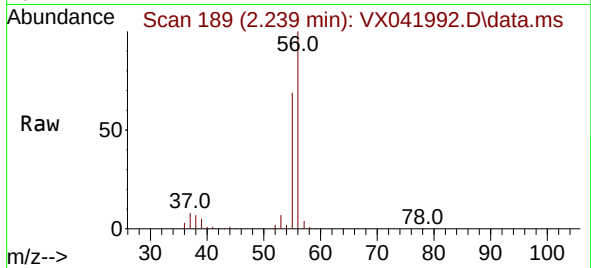
Tgt Ion: 96 Resp: 72607
Ion Ratio Lower Upper
96 100
61 148.5 144.6 216.8
98 63.7 50.4 75.6





#13
Acrolein
Concen: 254.500 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

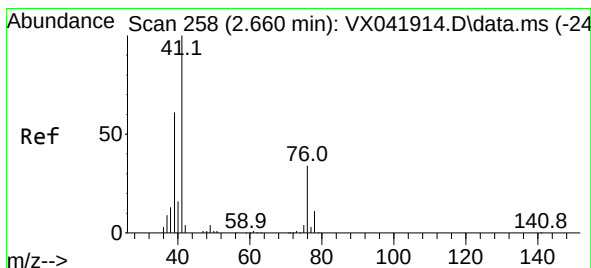
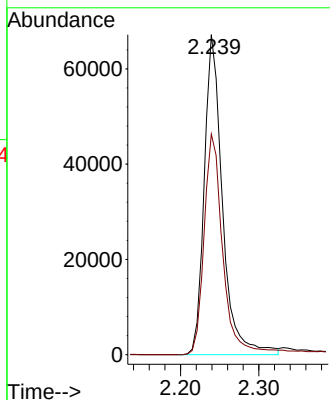
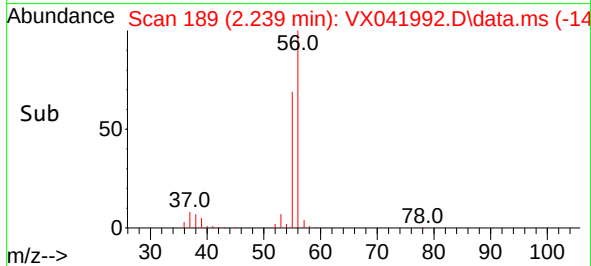
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108510
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

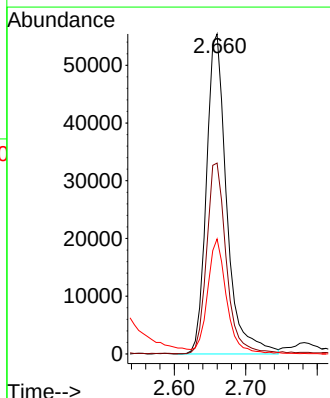
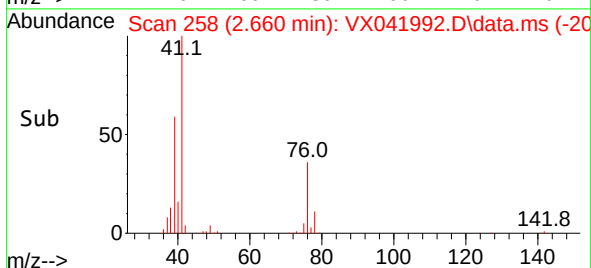
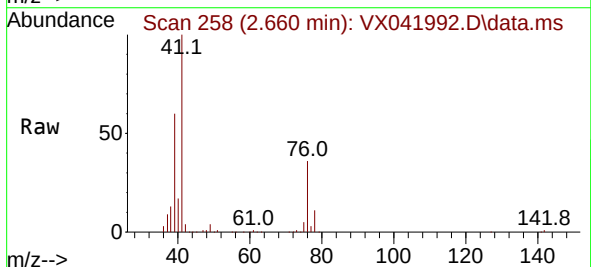
Manual Integrations
APPROVED

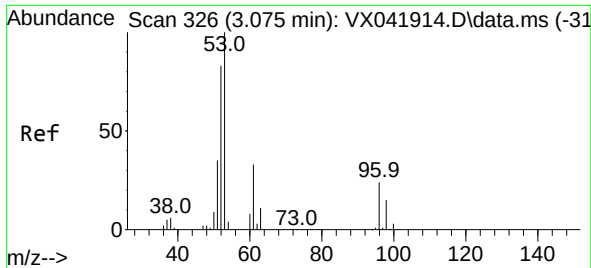
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#14
Allyl chloride
Concen: 46.029 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

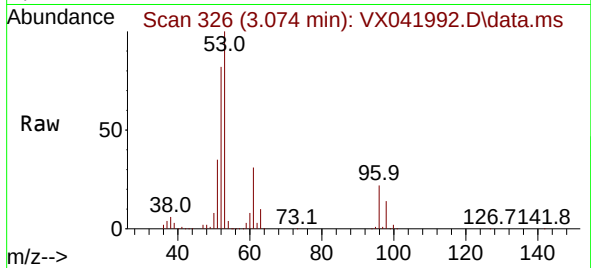
Tgt Ion: 41 Resp: 109430
Ion Ratio Lower Upper
41 100
39 57.9 55.8 83.6
76 34.0 24.3 36.5





#15
Acrylonitrile
Concen: 270.504 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

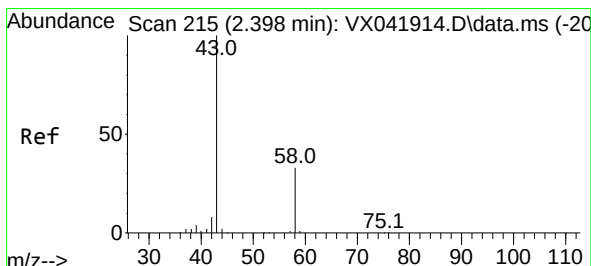
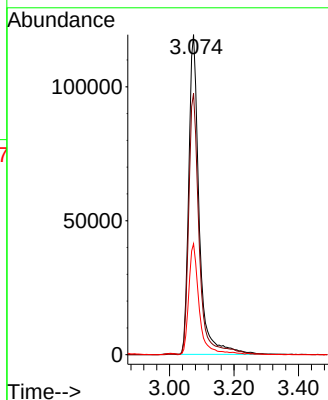
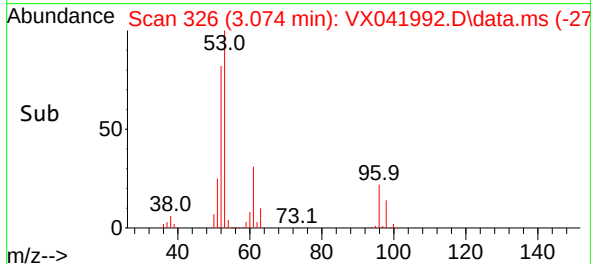
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



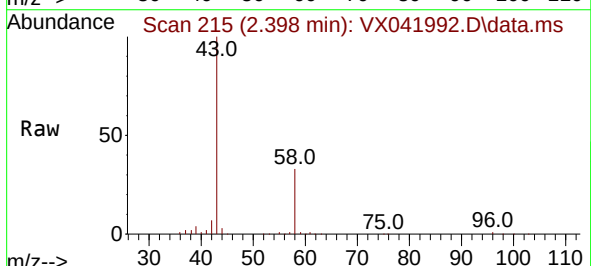
Tgt Ion: 53 Resp: 268740
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 34.3 29.8 44.6

Manual Integrations
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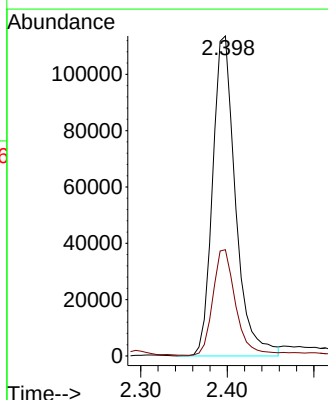
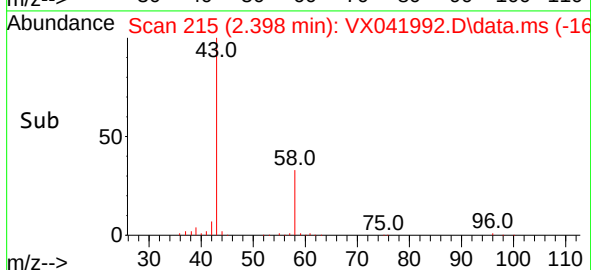
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

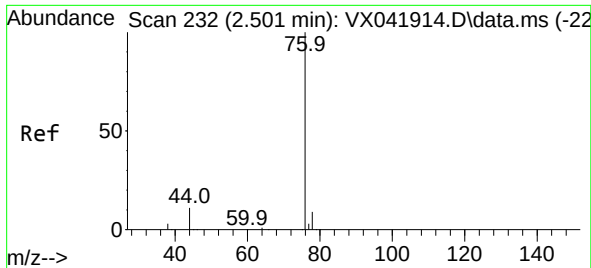


#16
Acetone
Concen: 237.269 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



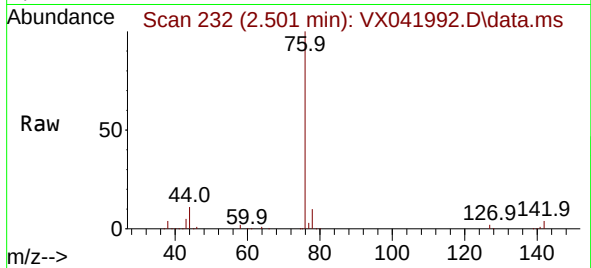
Tgt Ion: 43 Resp: 208806
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#





#17
Carbon Disulfide
Concen: 40.663 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

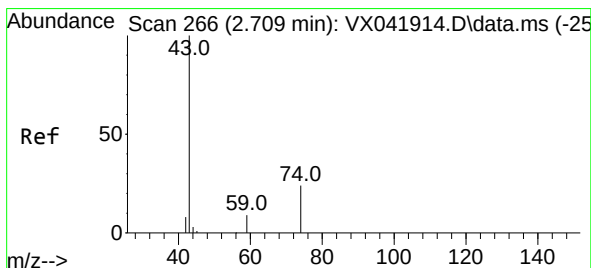
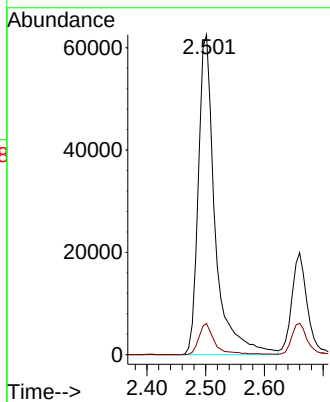
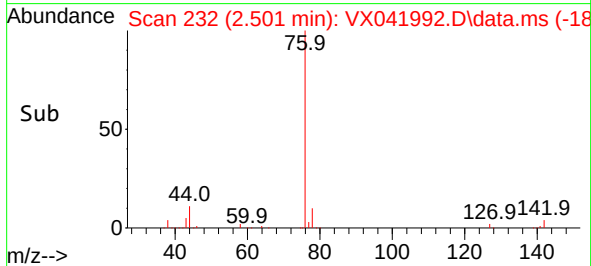
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



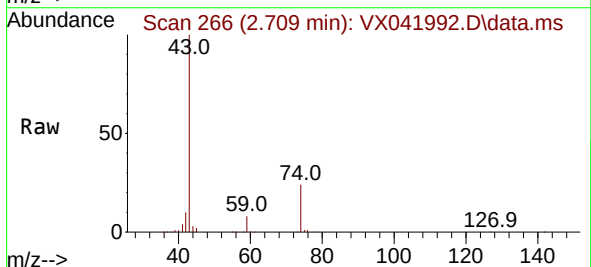
Tgt Ion: 76 Resp: 12429
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

Manual Integrations
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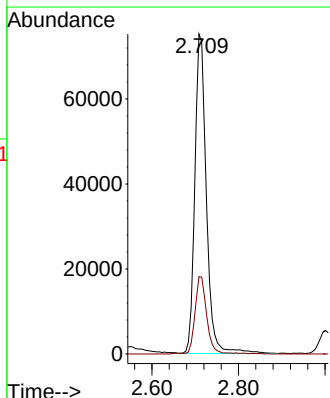
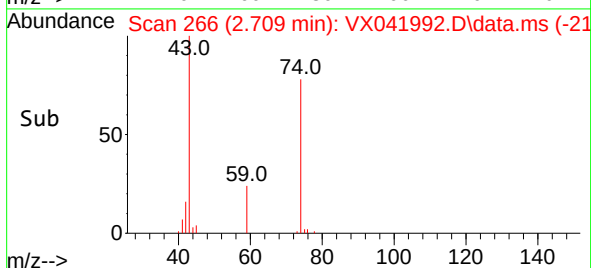
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

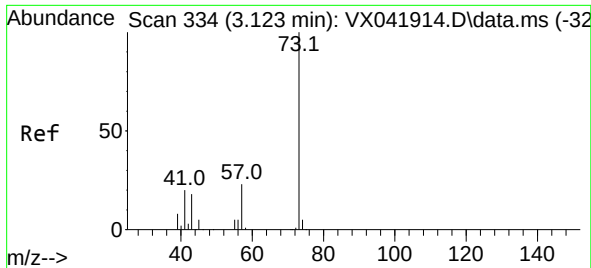


#18
Methyl Acetate
Concen: 57.801 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



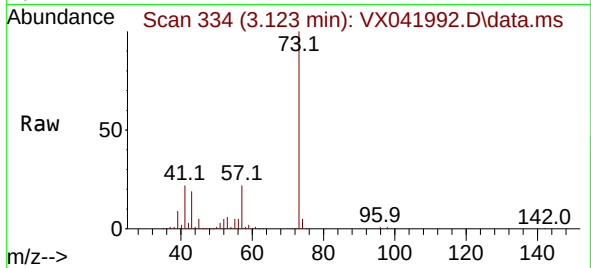
Tgt Ion: 43 Resp: 138763
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.109 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

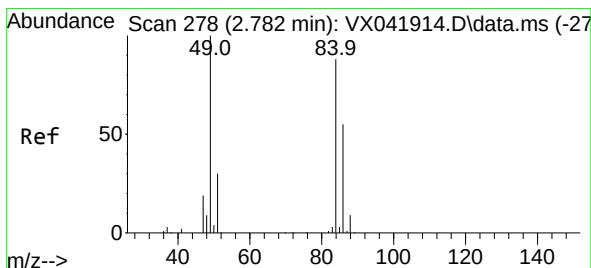
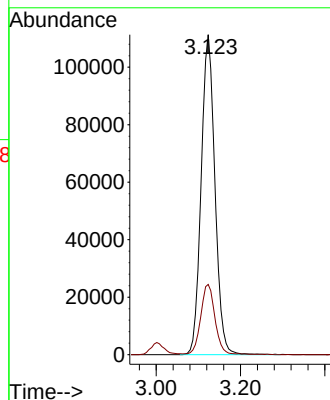
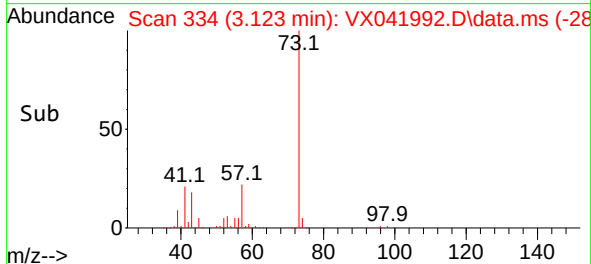
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 253118
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

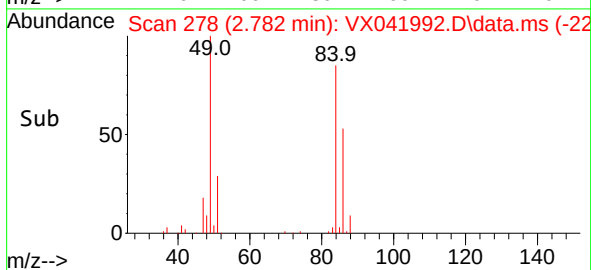
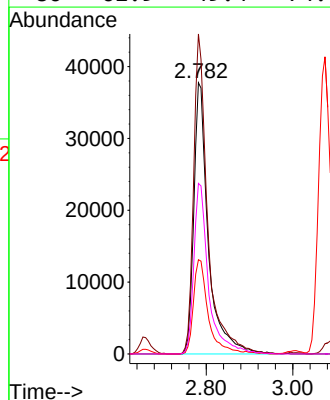
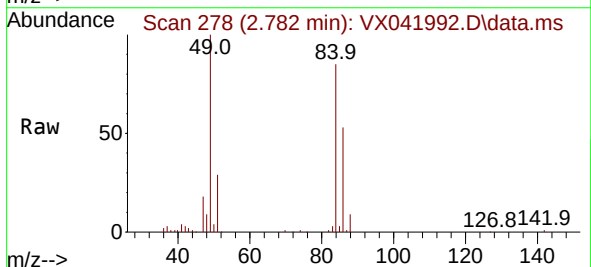
Manual Integrations
APPROVED

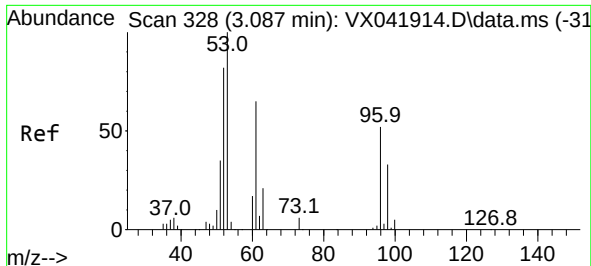
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#20
Methylene Chloride
Concen: 45.665 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 84 Resp: 87996
Ion Ratio Lower Upper
84 100
49 118.0 103.6 155.4
51 34.7 33.8 50.6
86 62.9 49.4 74.0





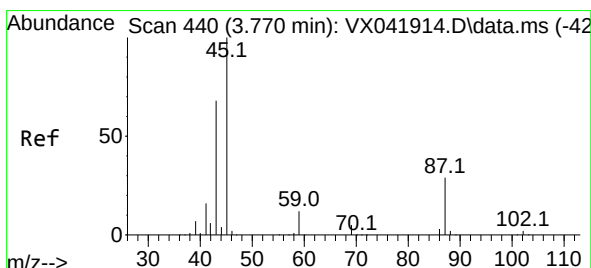
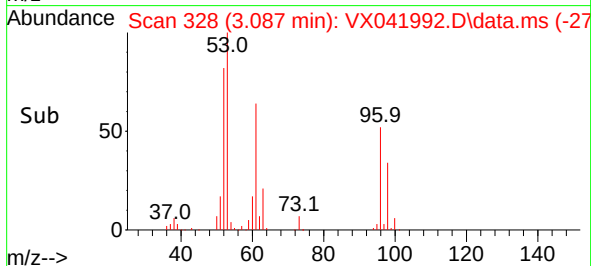
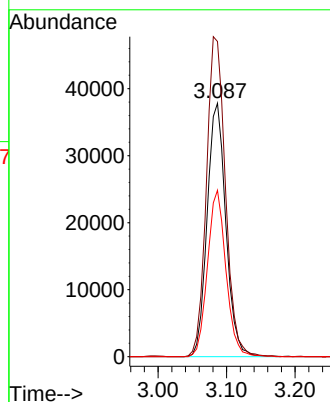
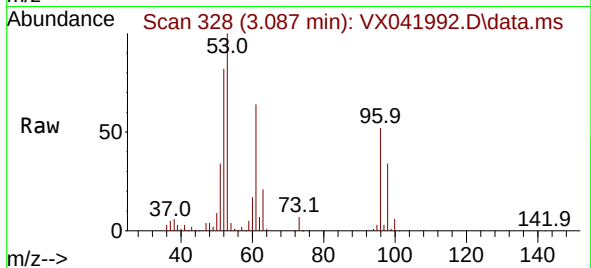
#21
trans-1,2-Dichloroethene
Concen: 47.266 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 71911
Ion Ratio Lower Upper
96 100
61 124.4 119.2 178.8
98 65.7 48.7 73.1

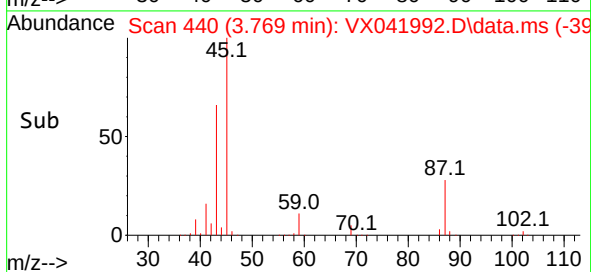
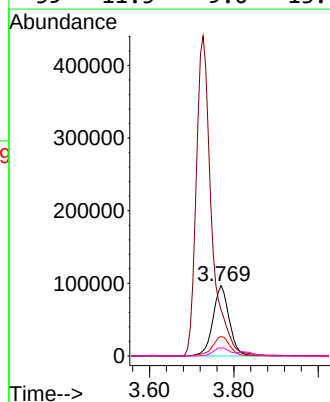
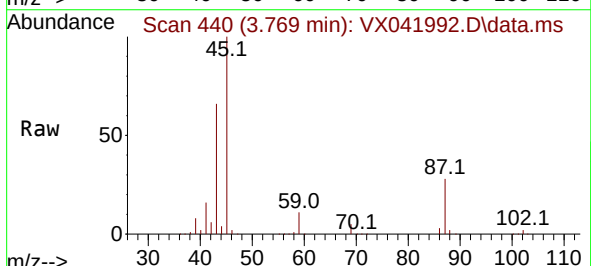
Manual Integrations
APPROVED

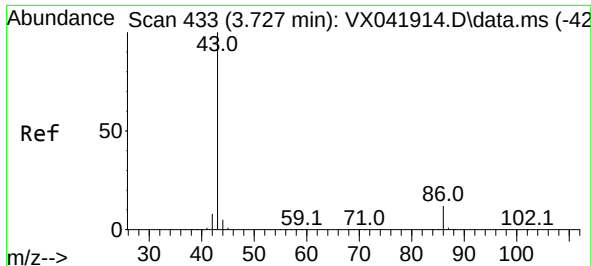
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#22
Diisopropyl ether
Concen: 51.686 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 45 Resp: 259737
Ion Ratio Lower Upper
45 100
43 65.6 69.7 104.5#
87 27.6 20.8 31.2
59 11.5 9.0 13.4





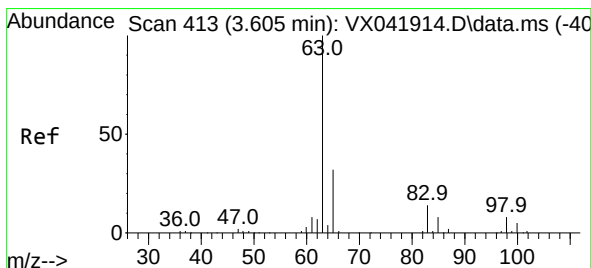
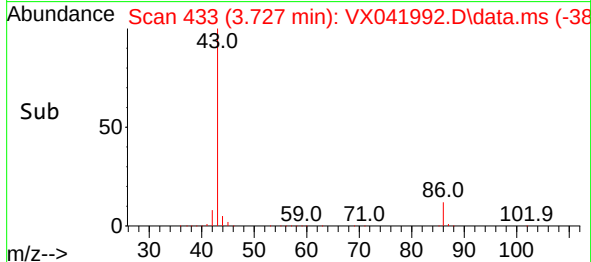
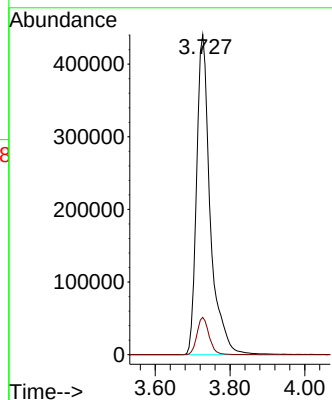
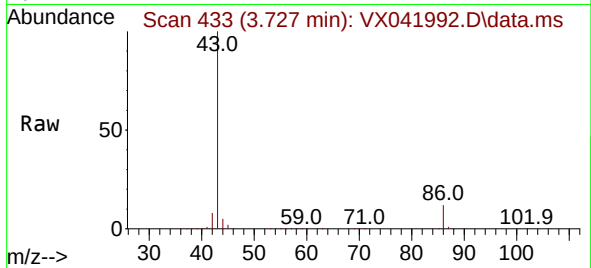
#23
 Vinyl Acetate
 Concen: 259.602 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX041992.D
 Acq: 21 Jun 2024 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1114128
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

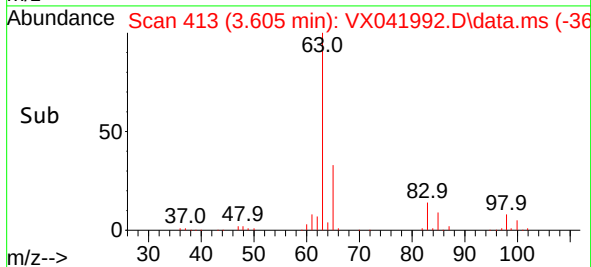
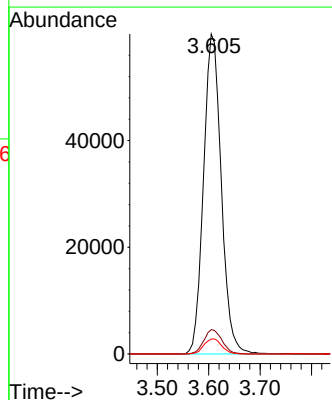
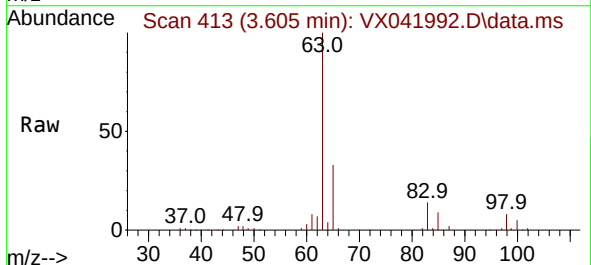
Manual Integrations
 APPROVED

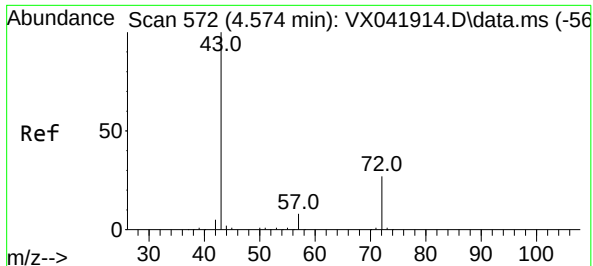
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#24
 1,1-Dichloroethane
 Concen: 51.082 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041992.D
 Acq: 21 Jun 2024 20:19

Tgt Ion: 63 Resp: 143756
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.7 2.1 6.5





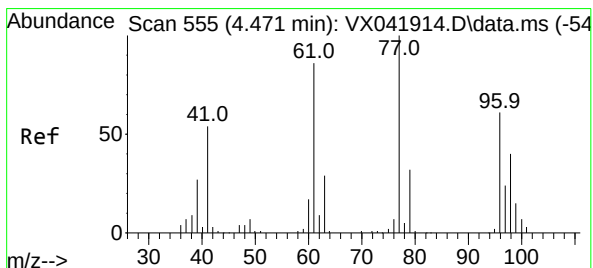
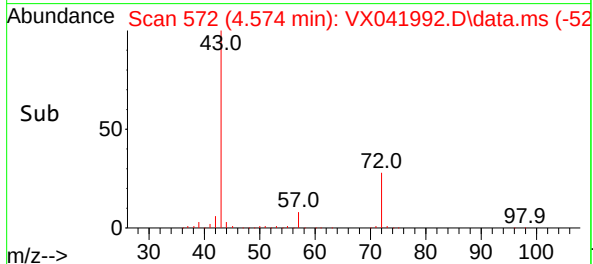
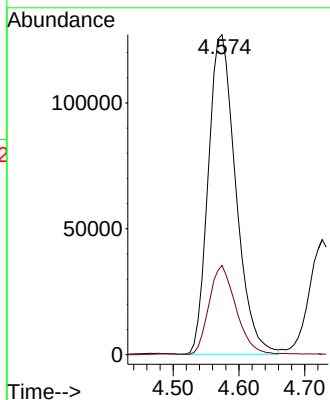
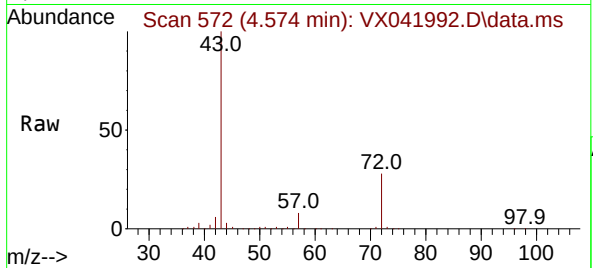
#25
2-Butanone
Concen: 270.041 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 369719
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2

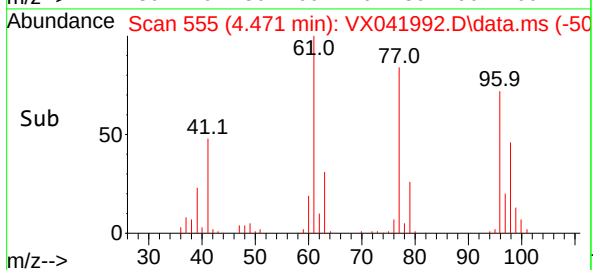
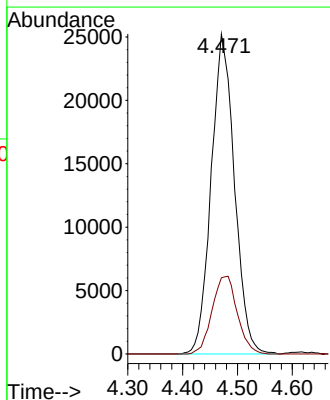
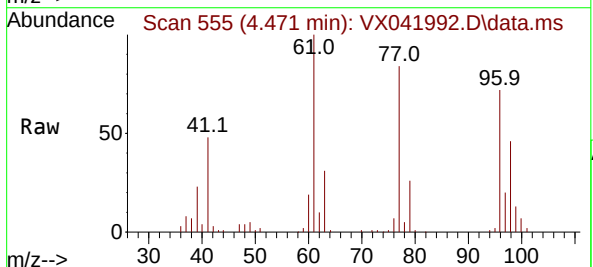
Manual Integrations
APPROVED

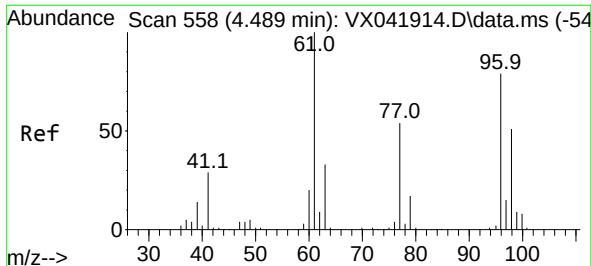
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#26
2,2-Dichloropropane
Concen: 36.505 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 77 Resp: 74394
Ion Ratio Lower Upper
77 100
97 26.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.784 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9486

Ion Ratio Lower Upper

96 100

61 129.3 0.0 312.2

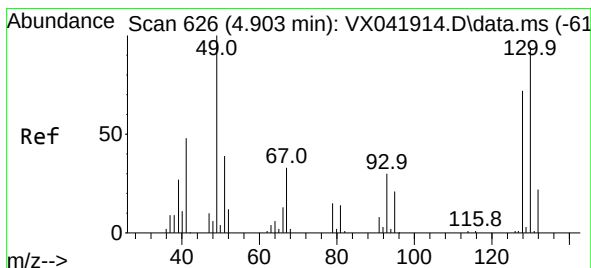
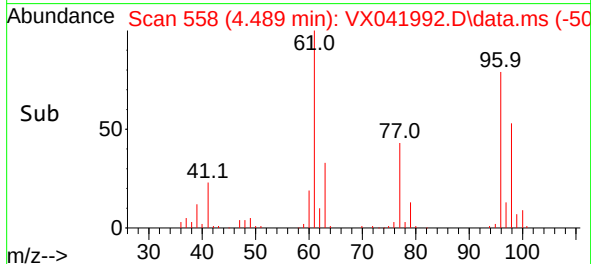
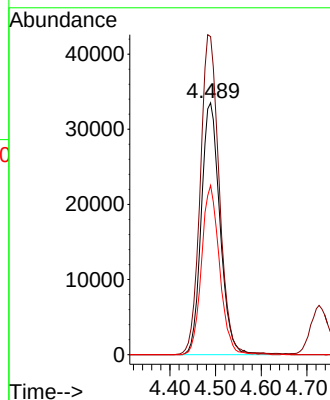
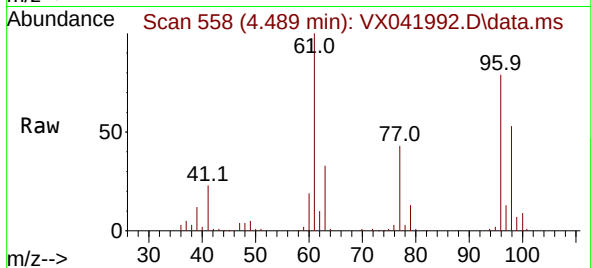
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#28

Bromochloromethane

Concen: 48.111 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

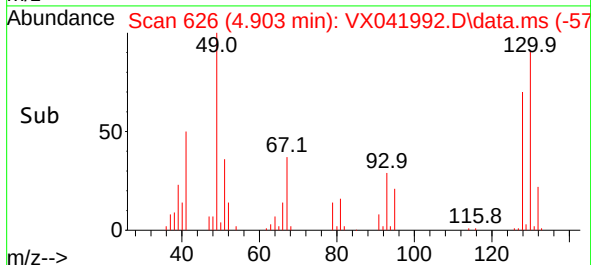
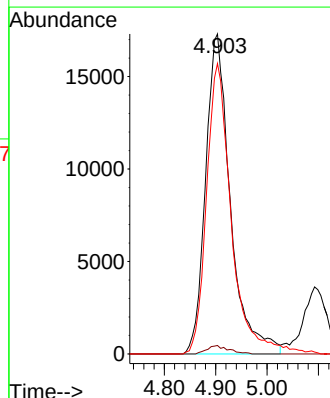
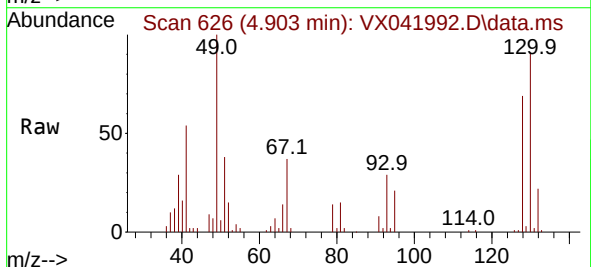
Tgt Ion: 49 Resp: 57991

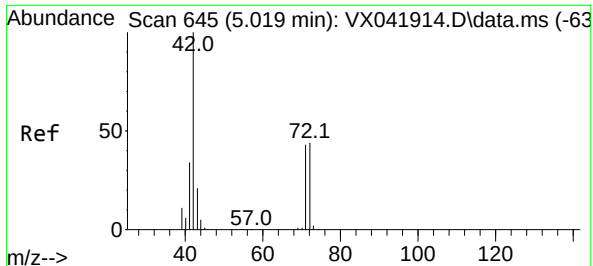
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 90.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 273.141 ug/l

RT: 5.019 min Scan# 645

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 241518

Ion Ratio Lower Upper

42 100

72 45.9 34.2 51.4

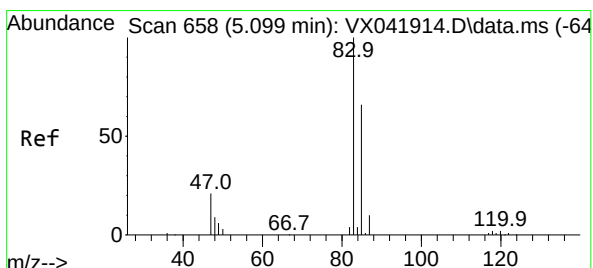
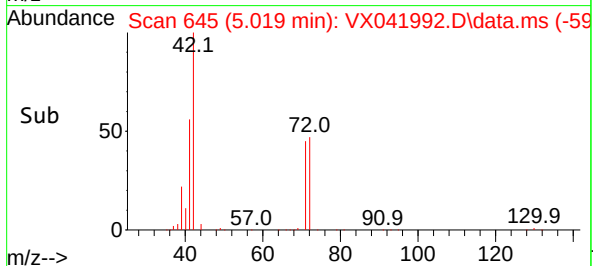
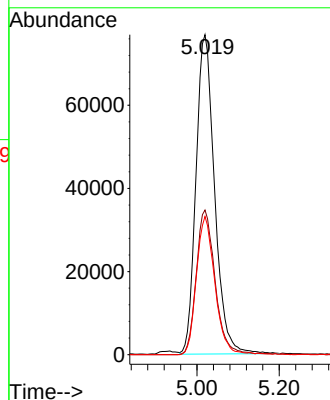
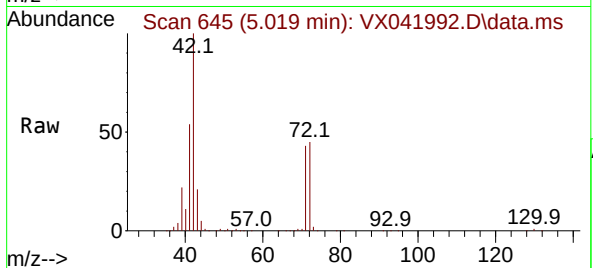
71 42.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#30

Chloroform

Concen: 50.900 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX041992.D

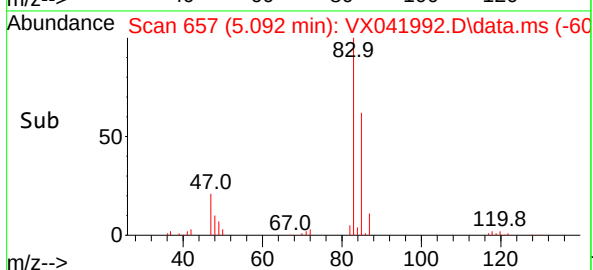
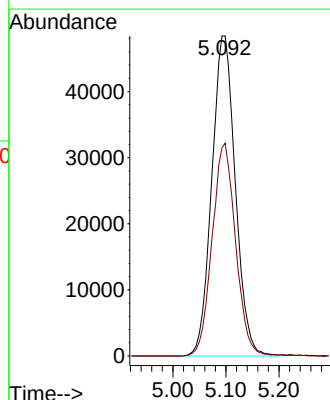
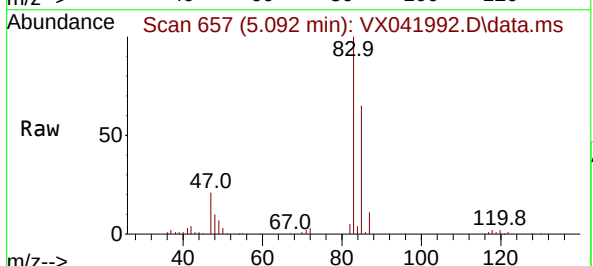
Acq: 21 Jun 2024 20:19

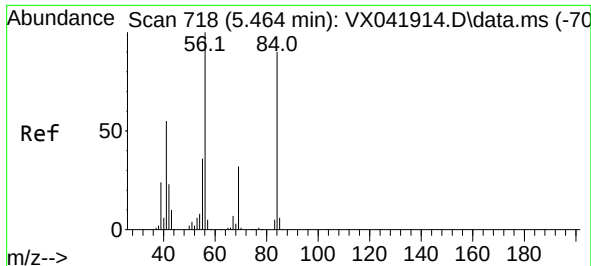
Tgt Ion: 83 Resp: 149232

Ion Ratio Lower Upper

83 100

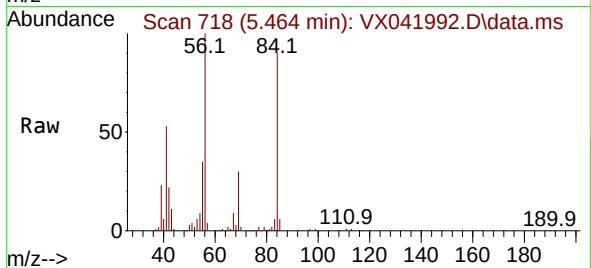
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 45.948 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

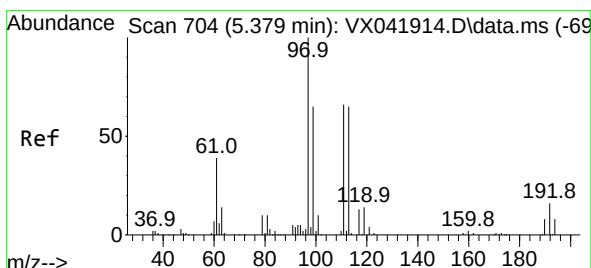
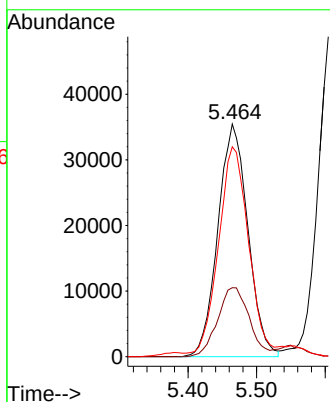
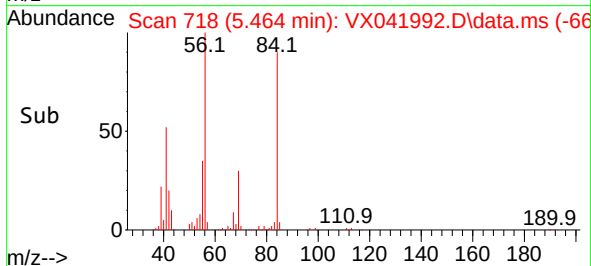
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 107699
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 88.5 65.9 98.9

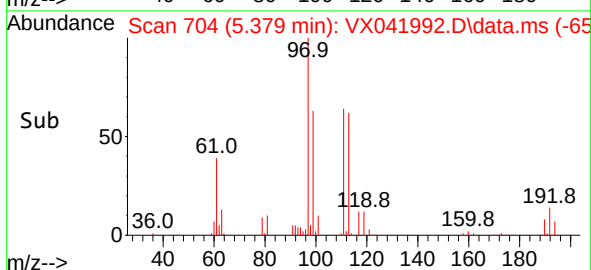
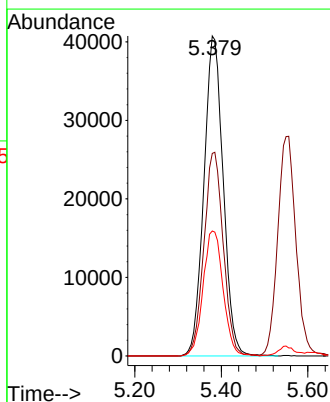
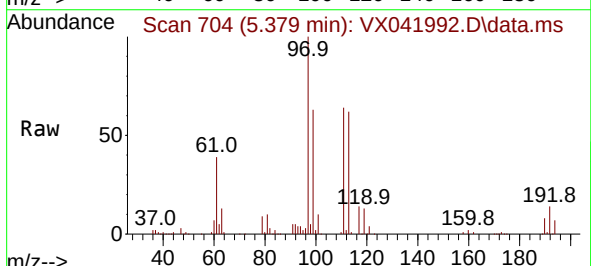
Manual Integrations
APPROVED

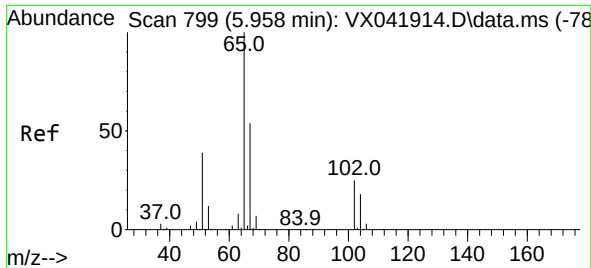
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#32
1,1,1-Trichloroethane
Concen: 51.411 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 97 Resp: 125949
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.760 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 91712

Ion Ratio Lower Upper

65 100

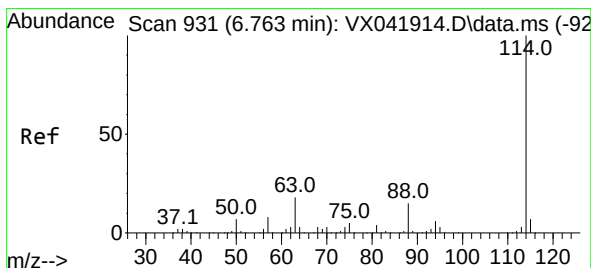
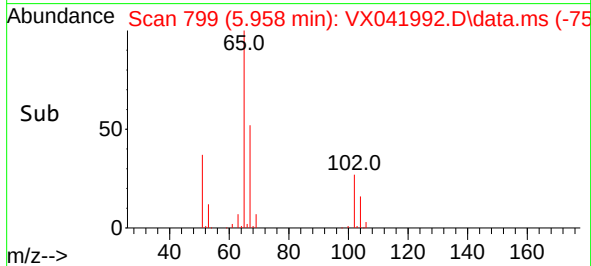
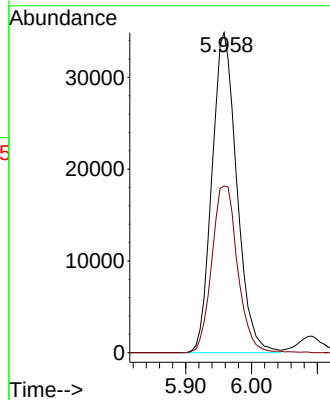
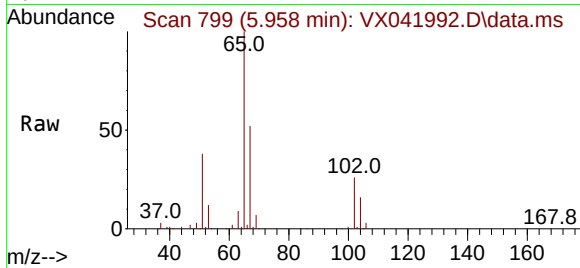
67 54.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

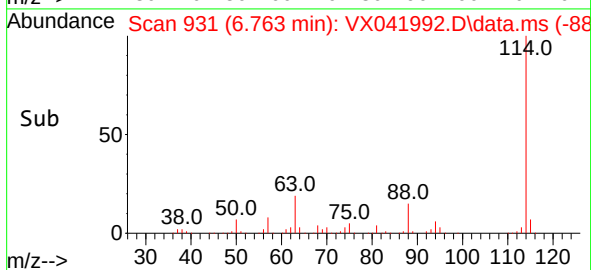
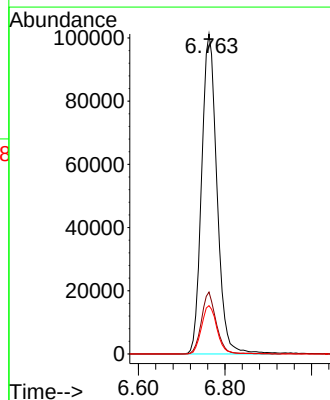
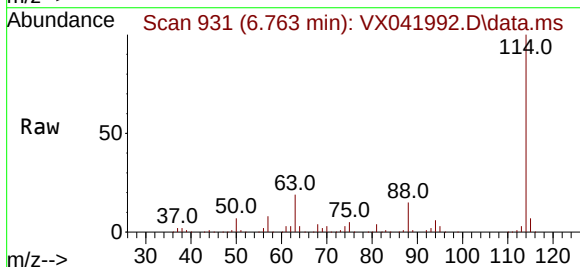
Tgt Ion:114 Resp: 249406

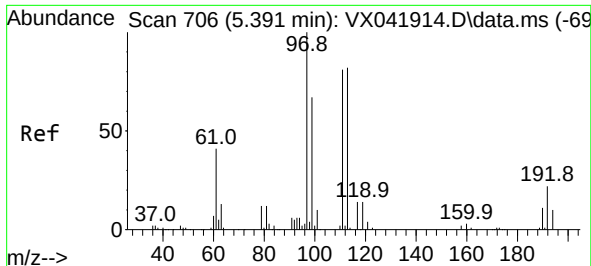
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

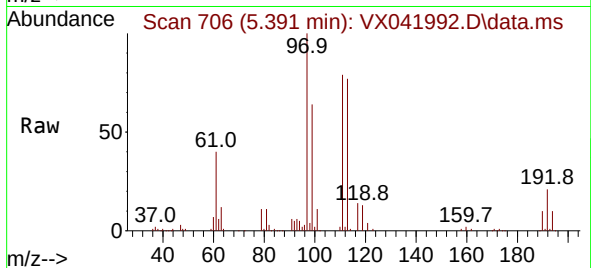
88 15.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.507 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

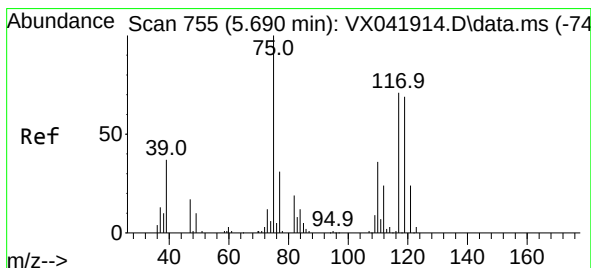
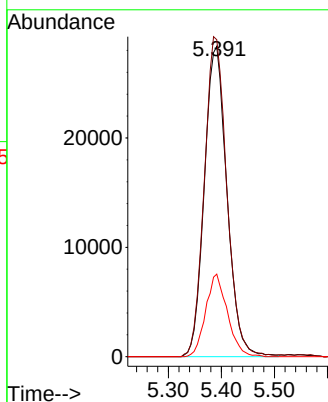
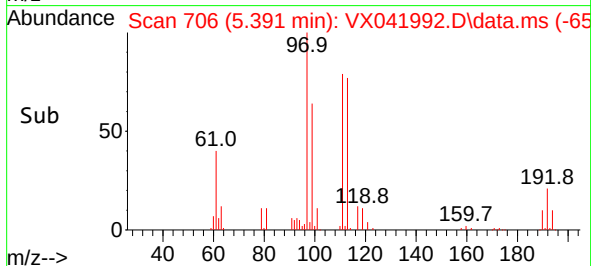
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 84072
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.5 13.3 19.9

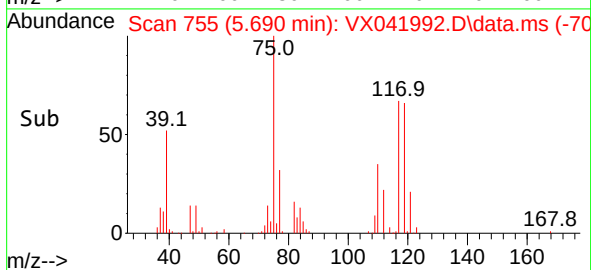
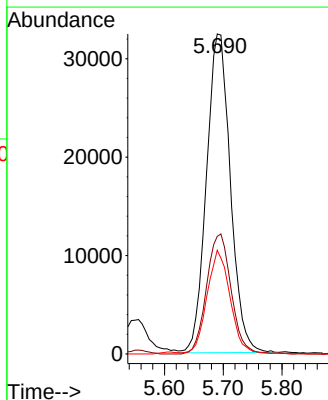
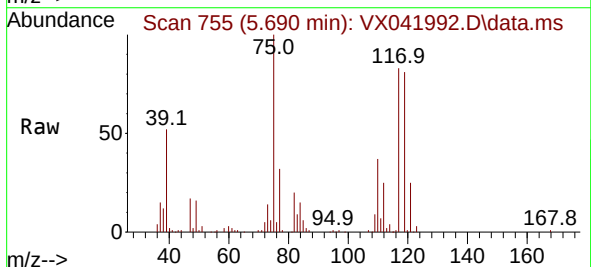
Manual Integrations
APPROVED

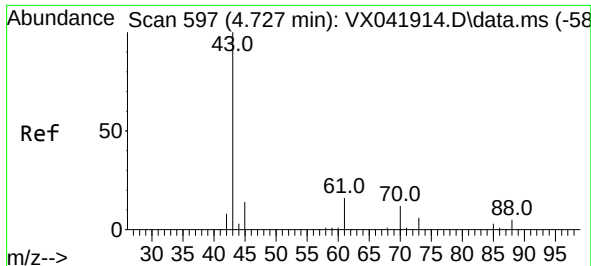
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#36
1,1-Dichloropropene
Concen: 48.779 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

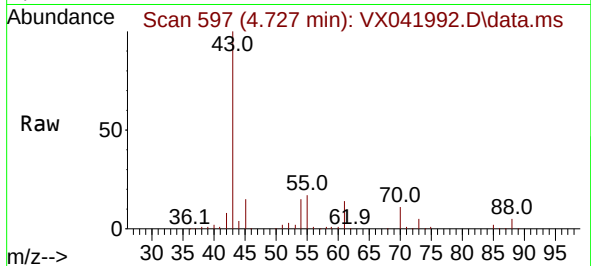
Tgt Ion: 75 Resp: 91667
Ion Ratio Lower Upper
75 100
110 38.6 17.0 50.9
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 55.288 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

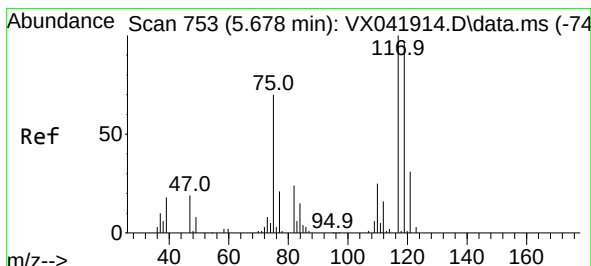
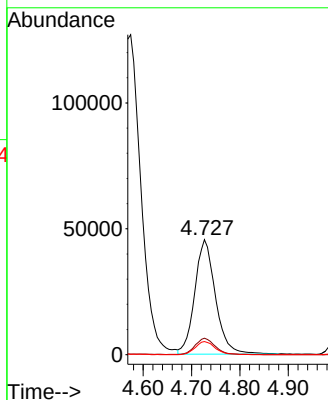
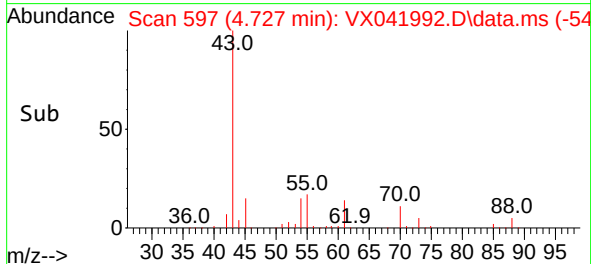
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



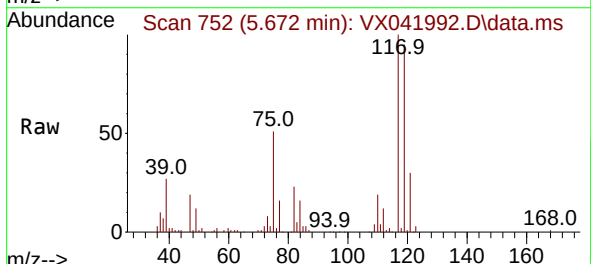
Tgt Ion: 43 Resp: 13534
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.1 8.3 12.5

Manual Integrations
APPROVED

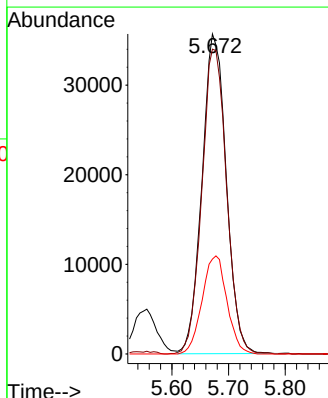
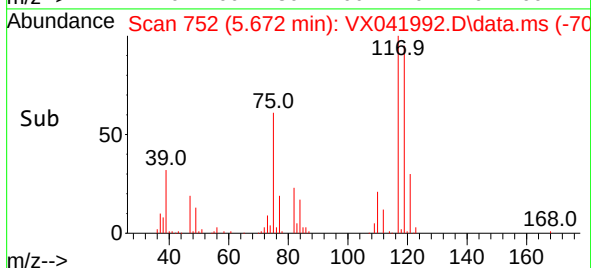
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

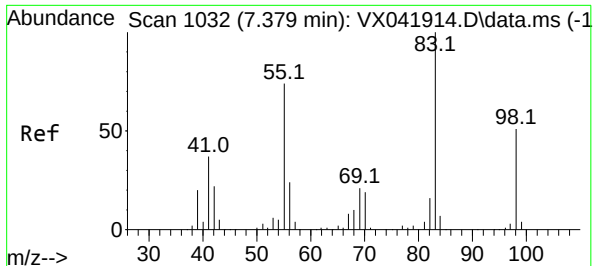


#38
Carbon Tetrachloride
Concen: 51.098 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



Tgt Ion:117 Resp: 106095
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 47.555 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 113019

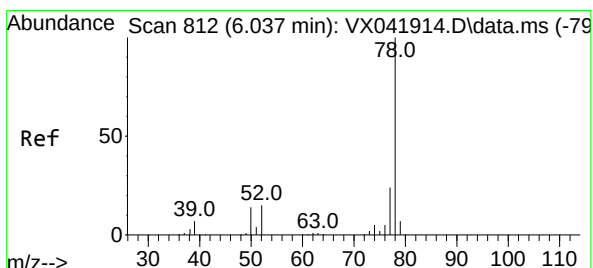
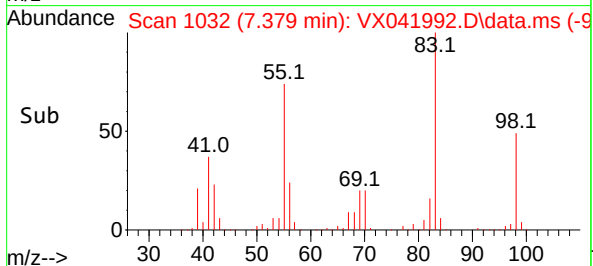
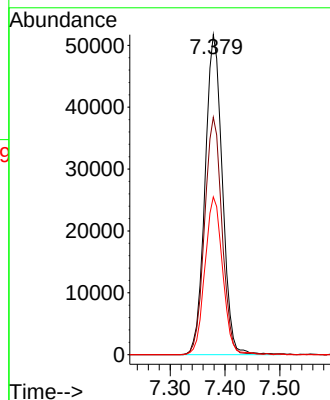
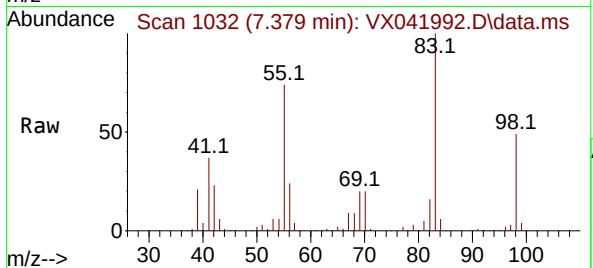
Ion	Ratio	Lower	Upper
83	100		
55	74.2	64.6	97.0
98	49.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#40

Benzene

Concen: 50.338 ug/l

RT: 6.037 min Scan# 812

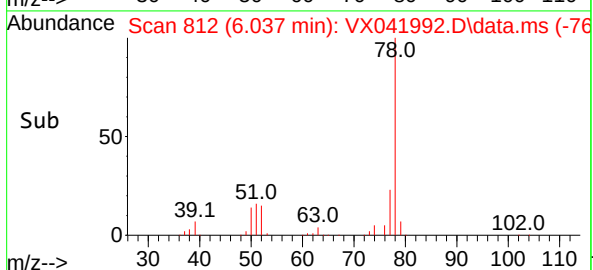
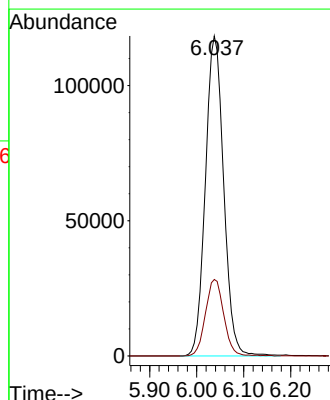
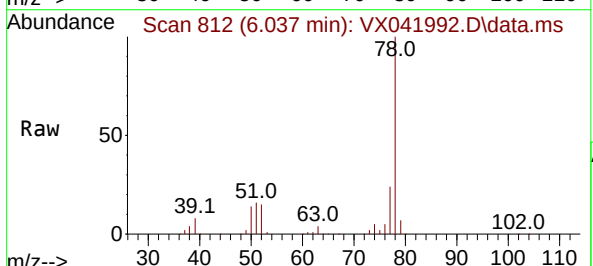
Delta R.T. -0.000 min

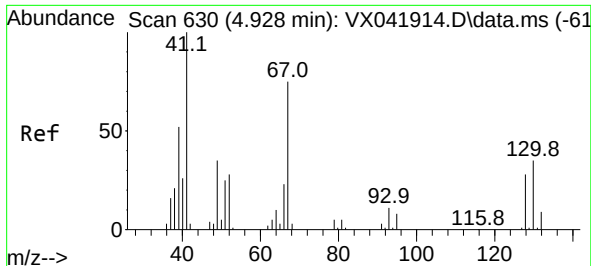
Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Tgt Ion: 78 Resp: 319041

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





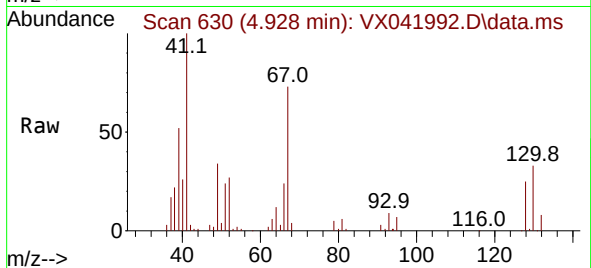
#41
Methacrylonitrile
Concen: 55.736 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



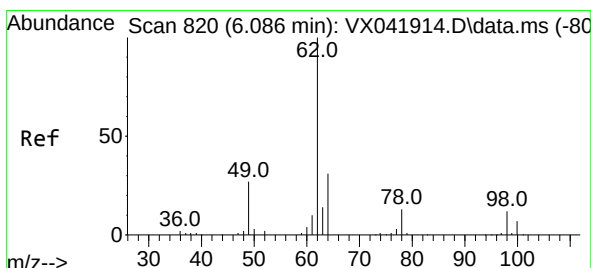
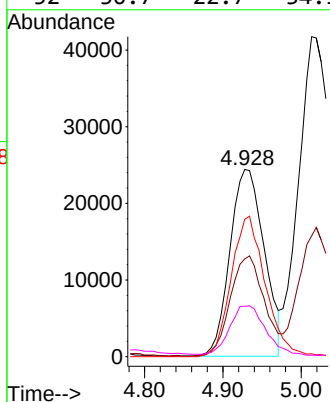
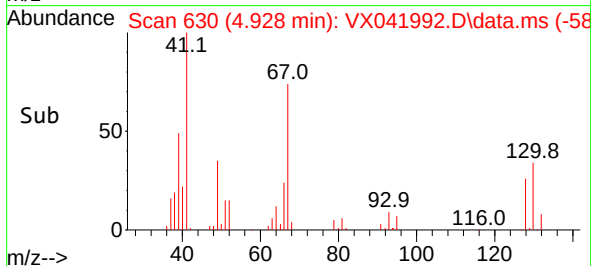
Tgt Ion: 41 Resp: 7396
Ion Ratio Lower Upper
41 100
39 54.0 45.2 67.8
67 75.3 52.6 78.8
52 30.7 22.7 34.1

Manual Integrations

APPROVED

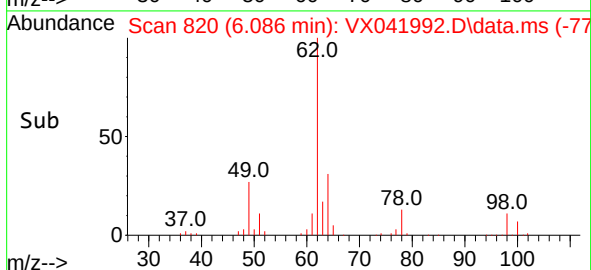
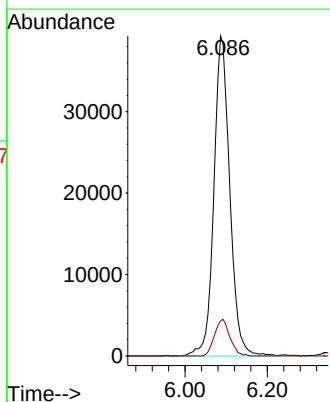
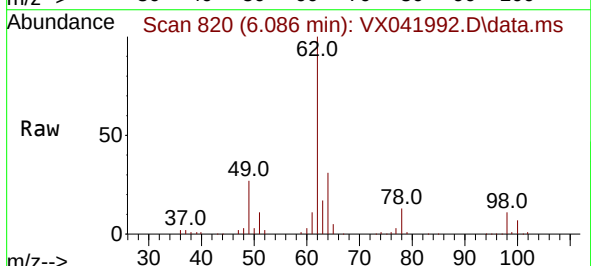
Reviewed By :John Carlone 06/24/2024

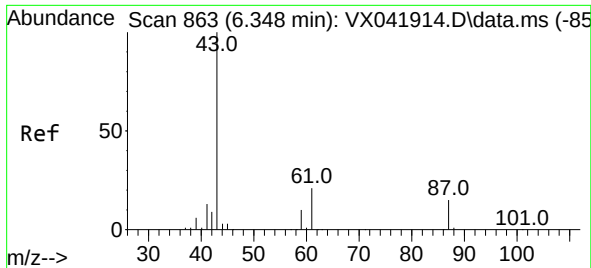
Supervised By :Mahesh Dadoda 06/24/2024



#42
1,2-Dichloroethane
Concen: 51.757 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 62 Resp: 105662
Ion Ratio Lower Upper
62 100
98 11.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.297 ug/l

RT: 6.348 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

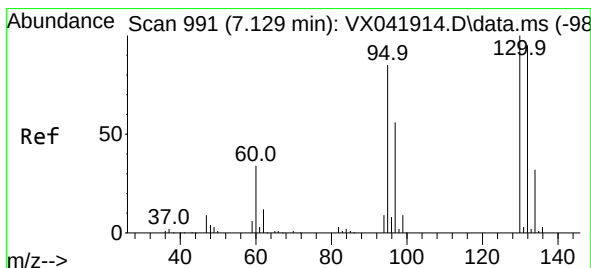
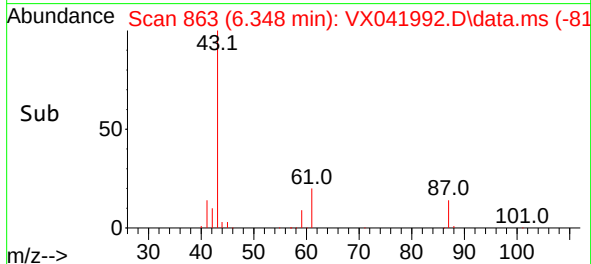
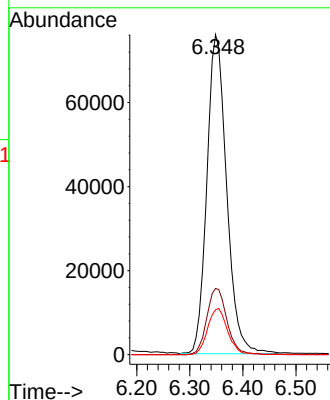
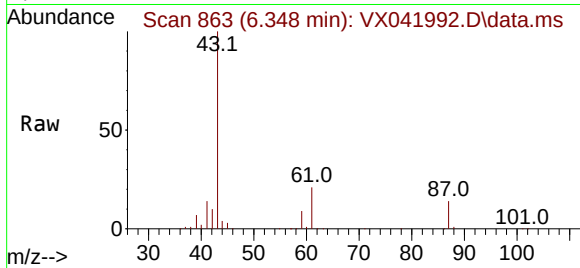
Tgt Ion: 43	Resp: 196500
Ion Ratio	Lower Upper
43 100	
61 21.2	15.2 22.8
87 14.6	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#44

Trichloroethene

Concen: 49.895 ug/l

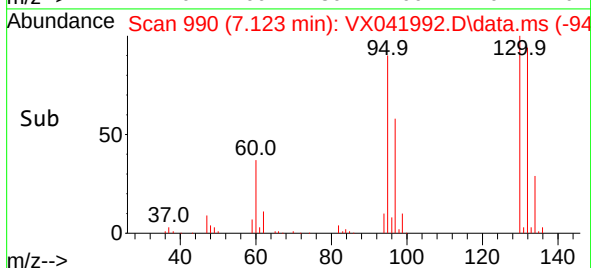
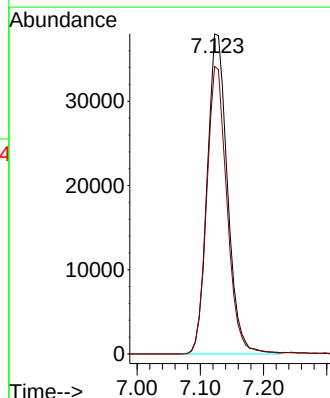
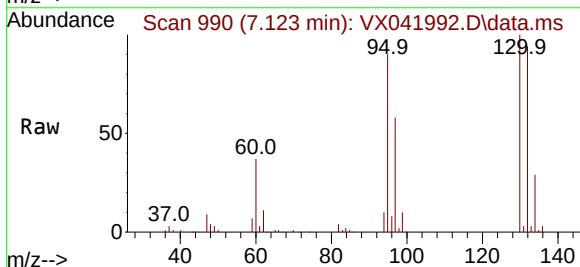
RT: 7.123 min Scan# 990

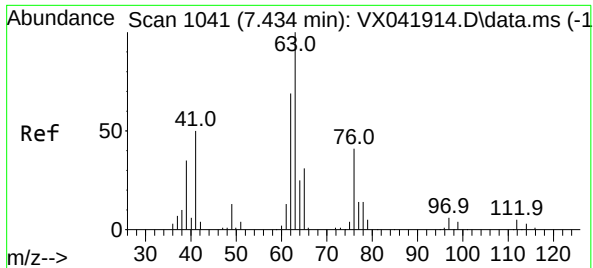
Delta R.T. -0.006 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Tgt Ion:130	Resp: 84765
Ion Ratio	Lower Upper
130 100	
95 89.8	0.0 204.4





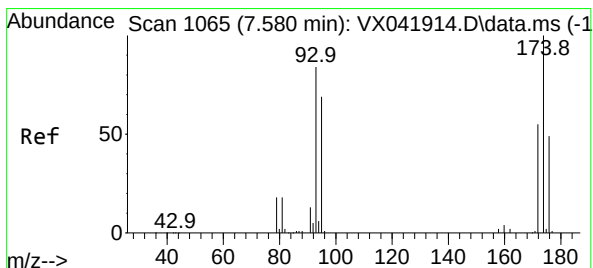
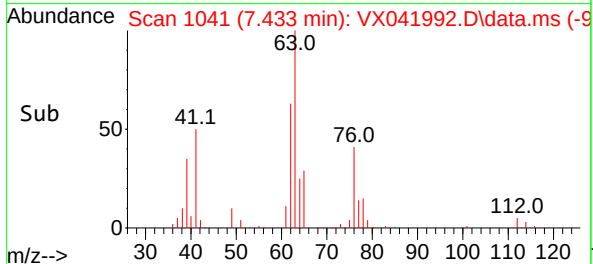
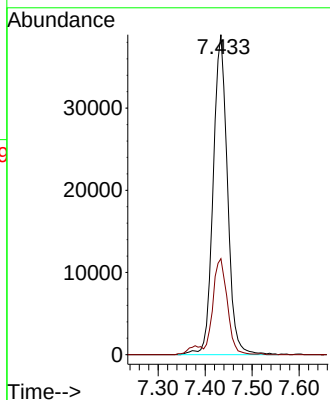
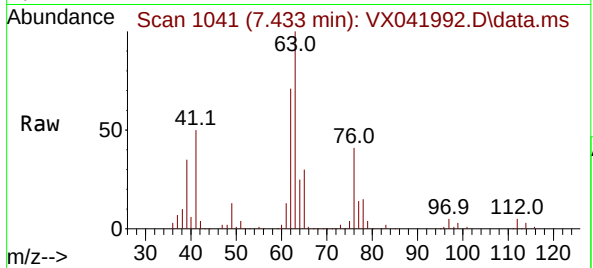
#45
1,2-Dichloropropane
Concen: 52.822 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 82319
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

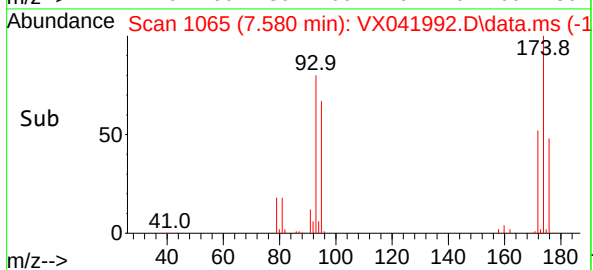
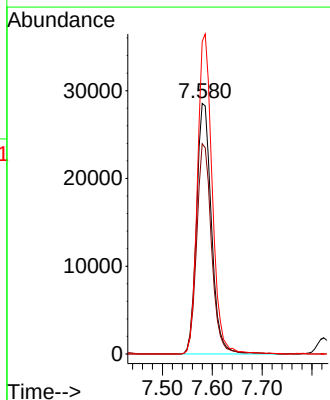
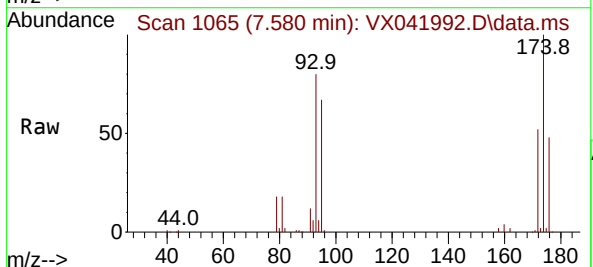
Manual Integrations
APPROVED

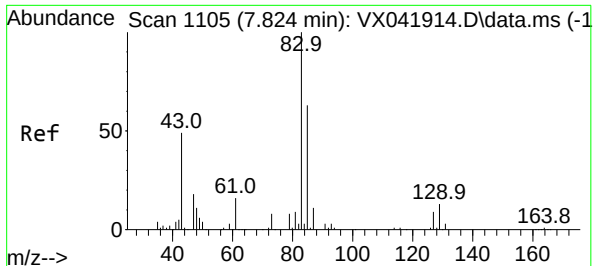
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#46
Dibromomethane
Concen: 52.063 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

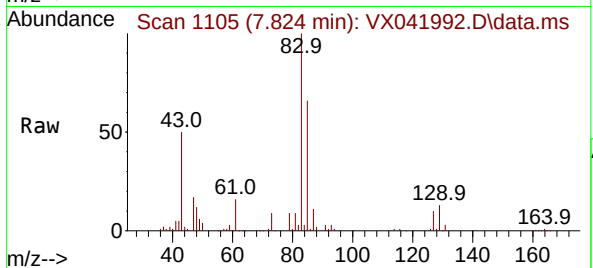
Tgt Ion: 93 Resp: 59117
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 126.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 53.221 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

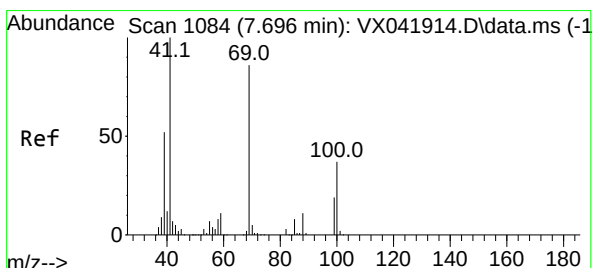
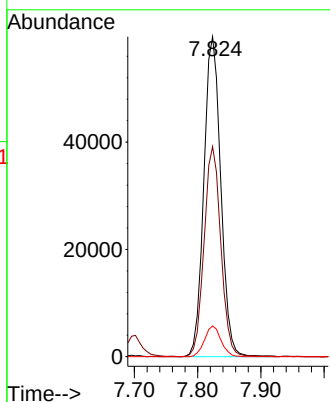
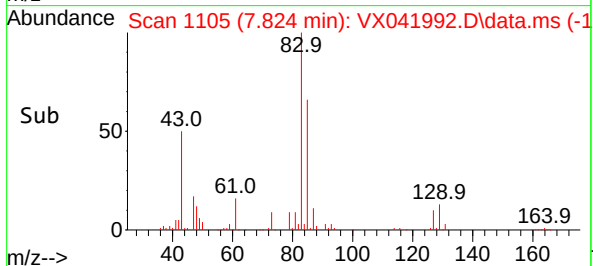
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11095
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 9.6 7.1 10.7

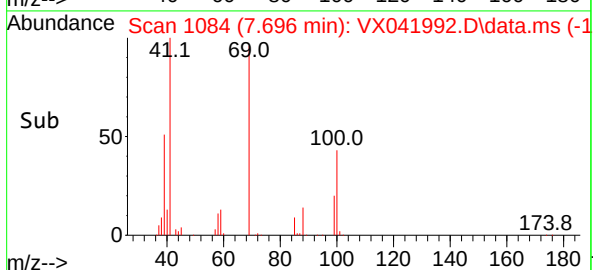
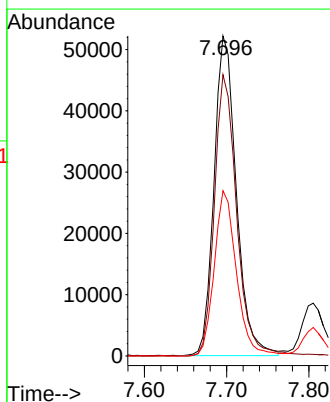
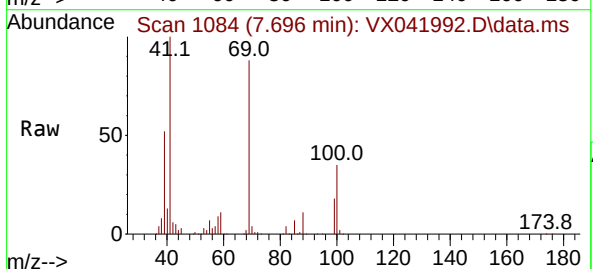
Manual Integrations
APPROVED

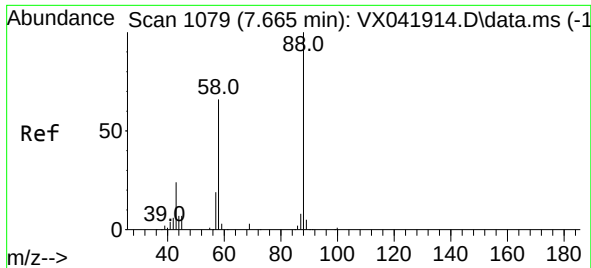
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#48
Methyl methacrylate
Concen: 54.918 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 41 Resp: 98481
Ion Ratio Lower Upper
41 100
69 88.3 59.2 88.8
39 51.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1059.684 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

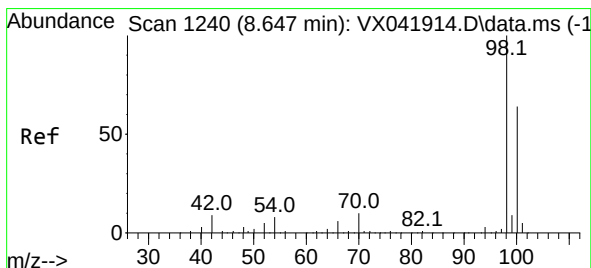
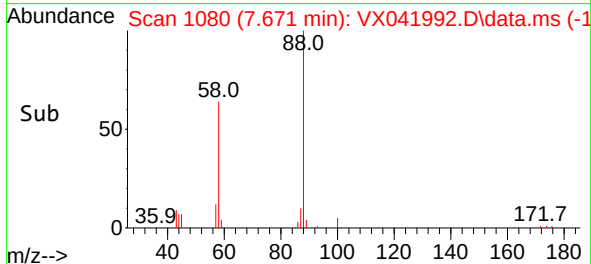
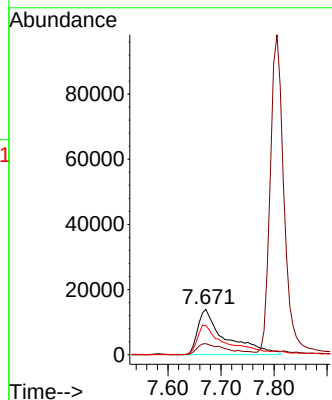
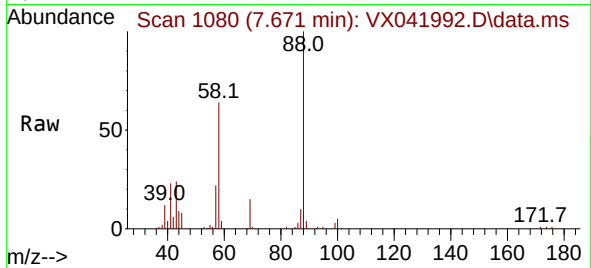
Tgt Ion: 88 Resp: 50339
 Ion Ratio Lower Upper
 88 100
 43 26.0 0.0 0.0
 58 66.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#50

Toluene-d8

Concen: 47.041 ug/l

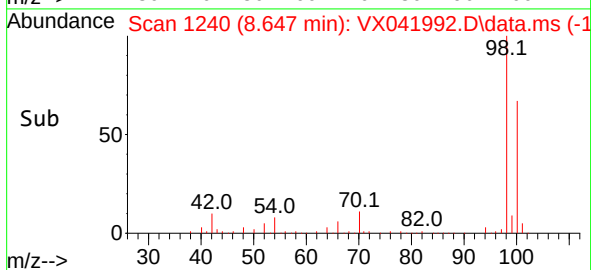
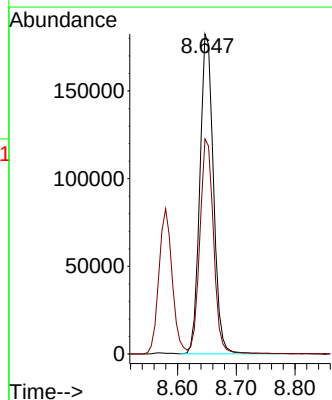
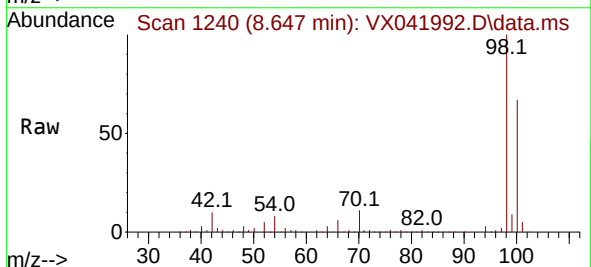
RT: 8.647 min Scan# 1240

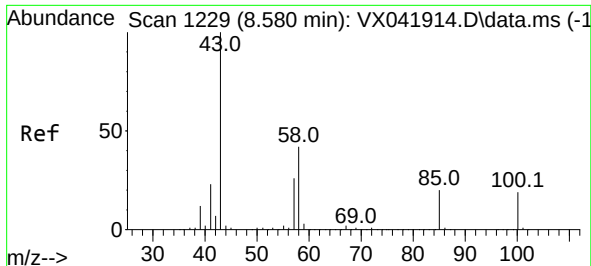
Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Tgt Ion: 98 Resp: 292451
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 277.998 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 719548

Ion Ratio Lower Upper

43 100

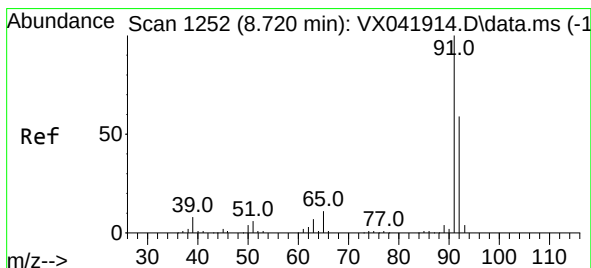
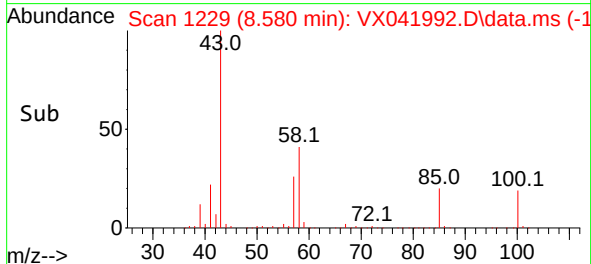
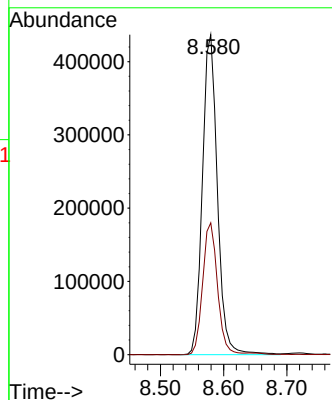
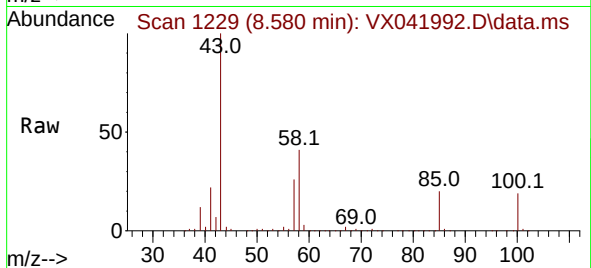
58 40.8 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#52

Toluene

Concen: 51.507 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX041992.D

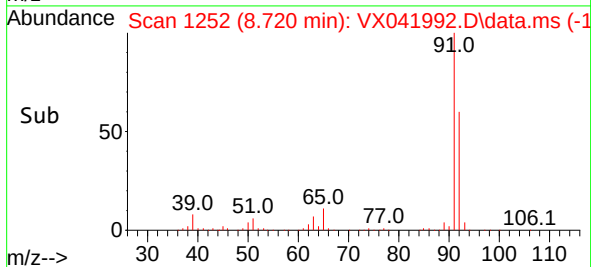
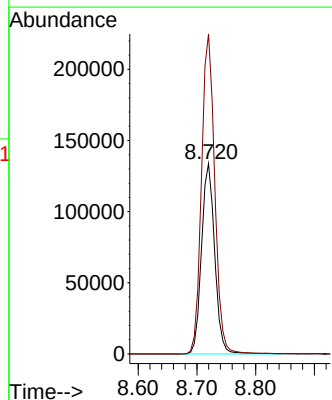
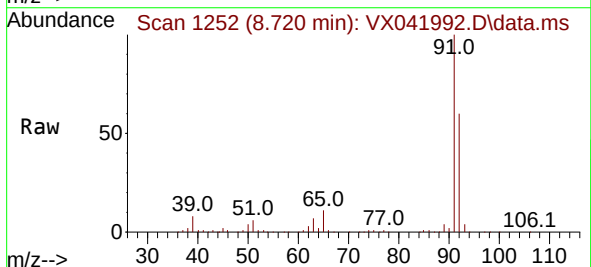
Acq: 21 Jun 2024 20:19

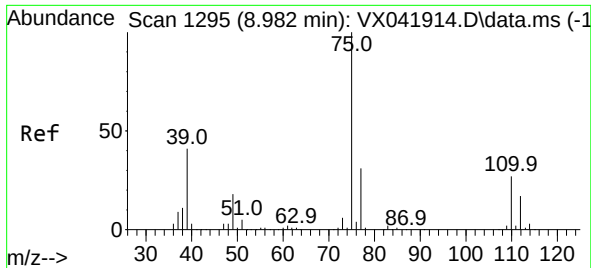
Tgt Ion: 92 Resp: 207876

Ion Ratio Lower Upper

92 100

91 169.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.280 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 103999

Ion Ratio Lower Upper

75 100

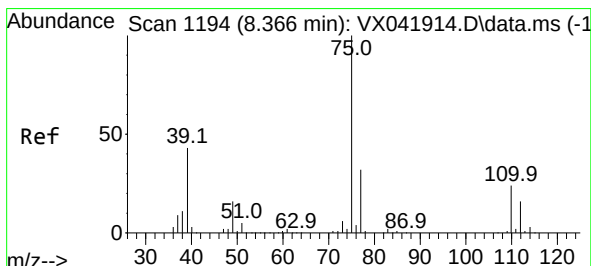
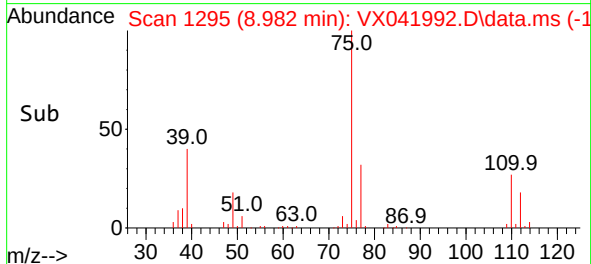
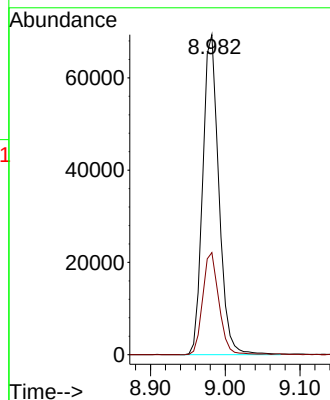
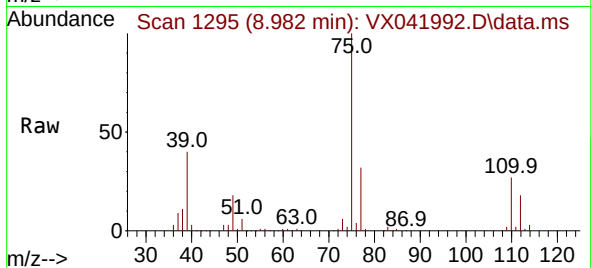
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#54

cis-1,3-Dichloropropene

Concen: 51.227 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

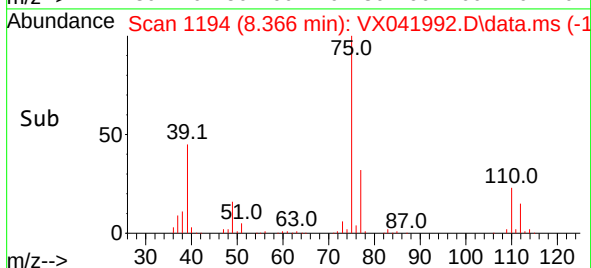
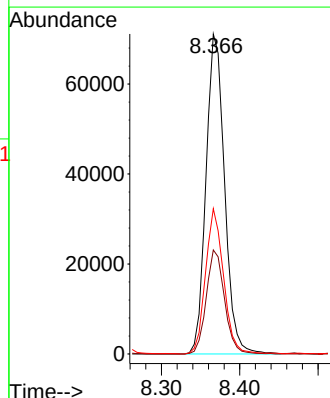
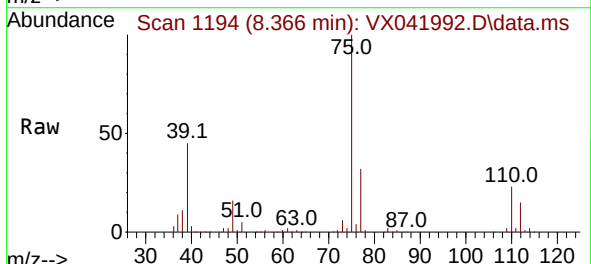
Tgt Ion: 75 Resp: 116920

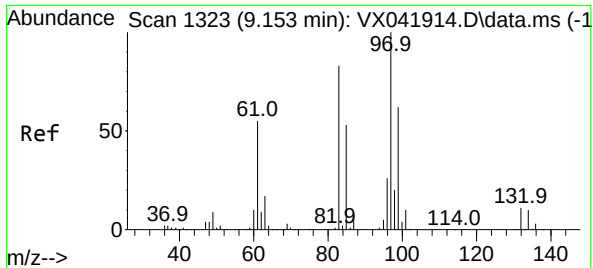
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 45.4 46.7 70.1#





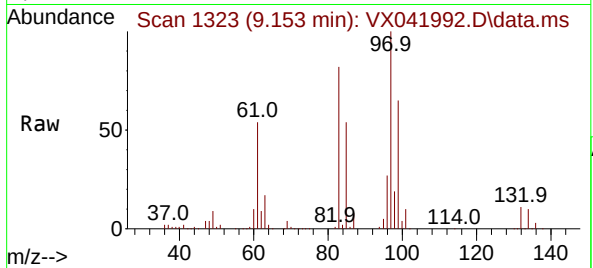
#55
1,1,2-Trichloroethane
Concen: 53.786 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 9043

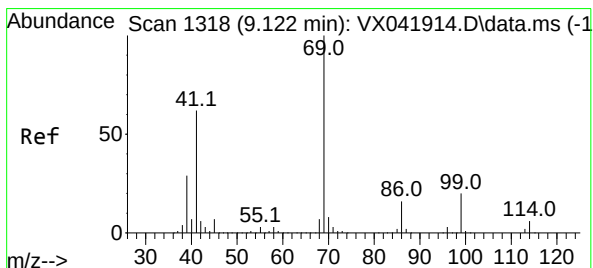
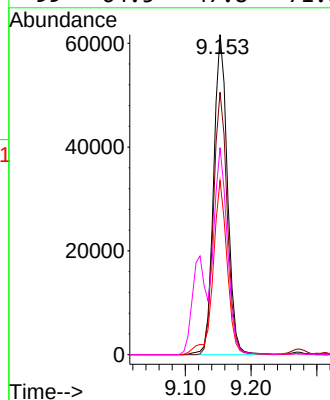
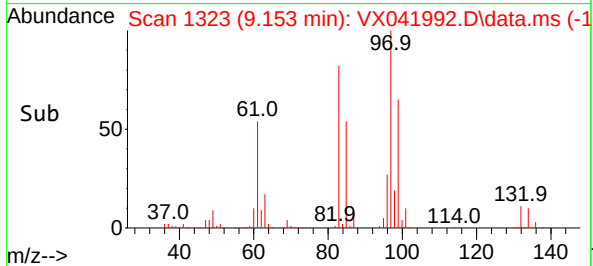
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.8	98.8
85	54.5	41.6	62.4
99	64.5	47.8	71.8

Manual Integrations

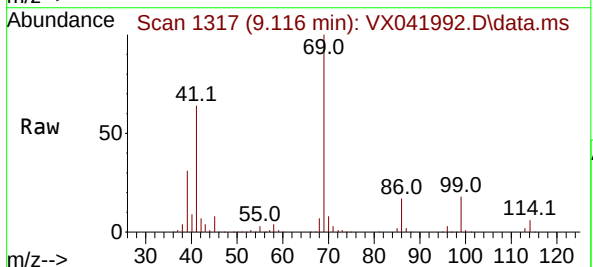
APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024

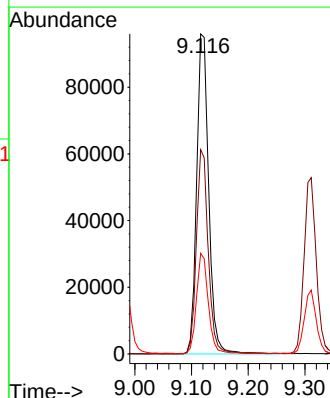
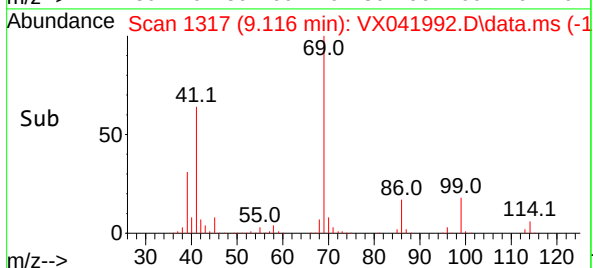


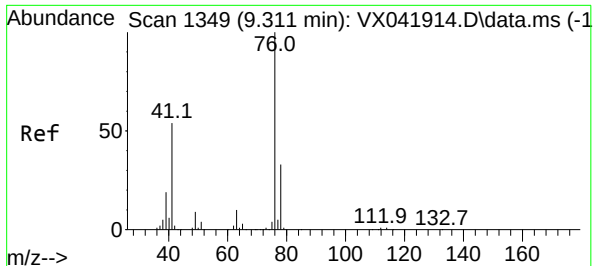
#56
Ethyl methacrylate
Concen: 54.077 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



Tgt Ion: 69 Resp: 141444

Ion	Ratio	Lower	Upper
69	100		
41	62.3	56.8	85.2
39	31.0	32.0	48.0





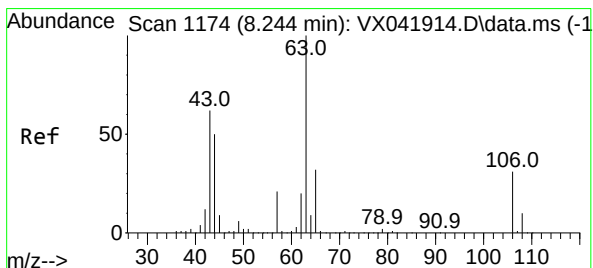
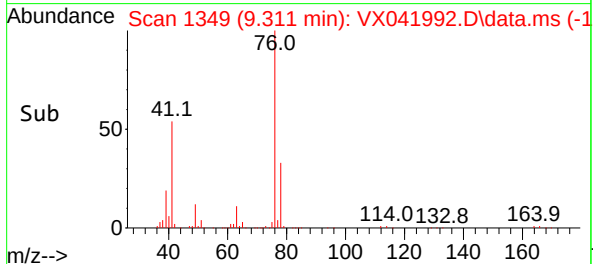
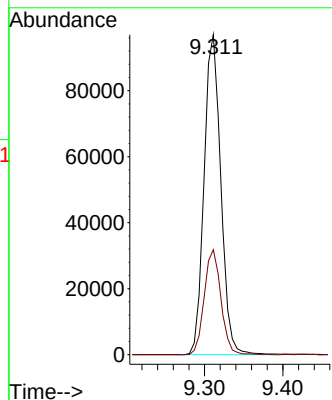
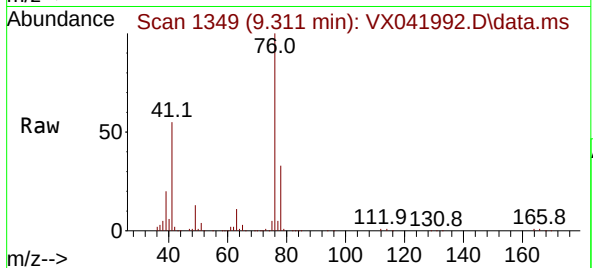
#57
1,3-Dichloropropane
Concen: 52.864 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14359
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

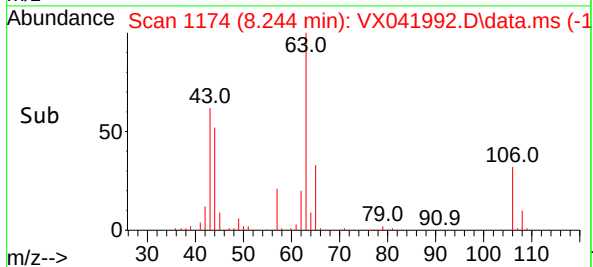
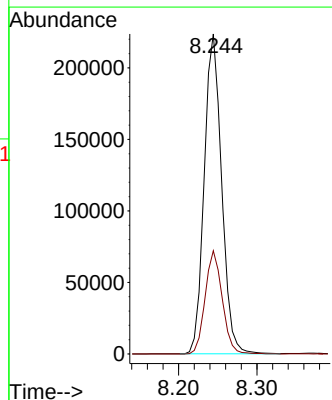
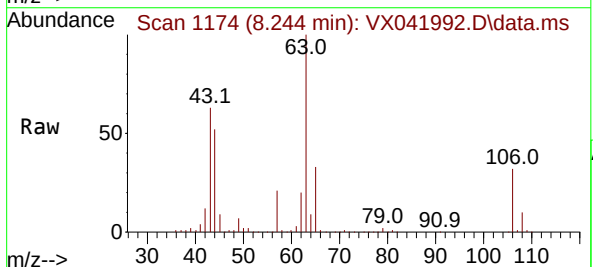
Manual Integrations
APPROVED

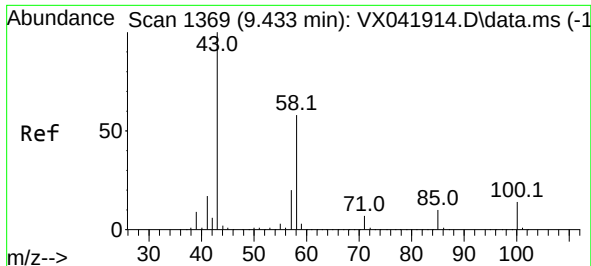
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 283.540 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion: 63 Resp: 345607
Ion Ratio Lower Upper
63 100
106 31.6 22.5 33.7





#59

2-Hexanone

Concen: 280.793 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 556652

Ion Ratio Lower Upper

43 100

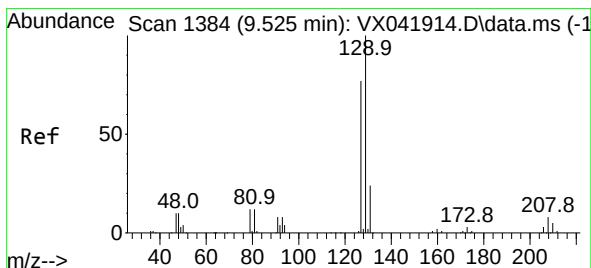
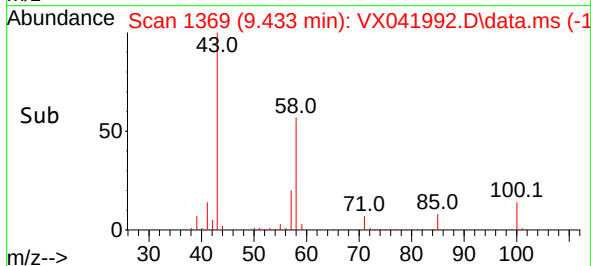
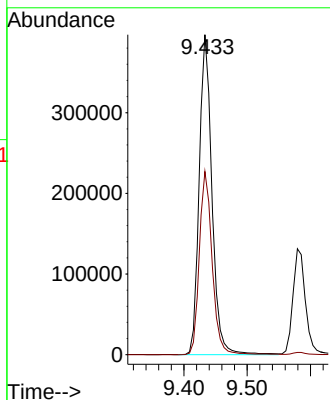
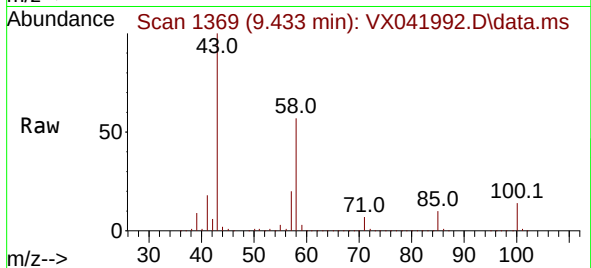
58 57.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#60

Dibromochloromethane

Concen: 54.143 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX041992.D

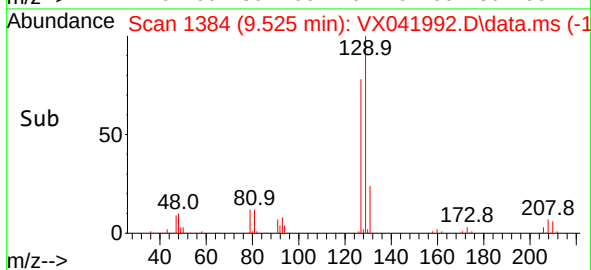
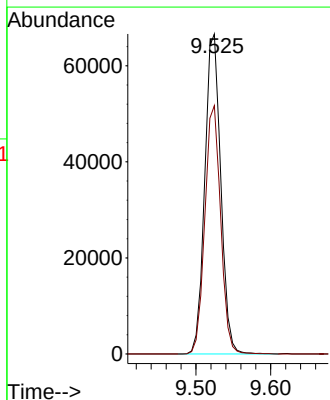
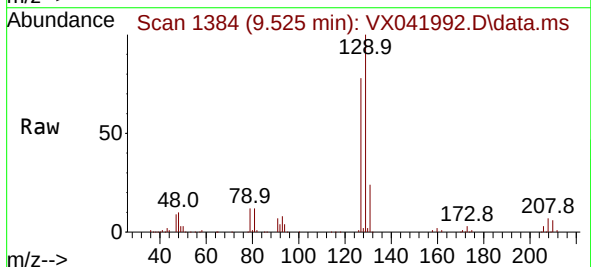
Acq: 21 Jun 2024 20:19

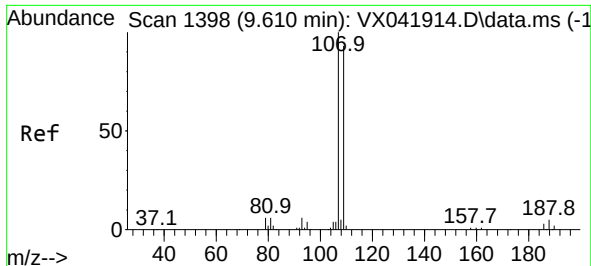
Tgt Ion:129 Resp: 98881

Ion Ratio Lower Upper

129 100

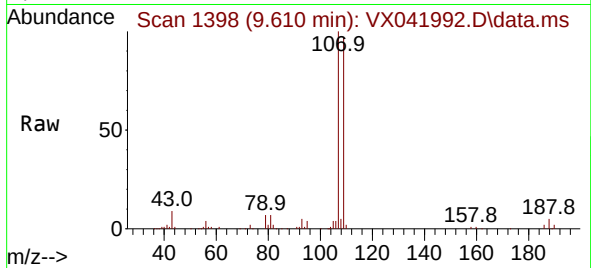
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.868 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

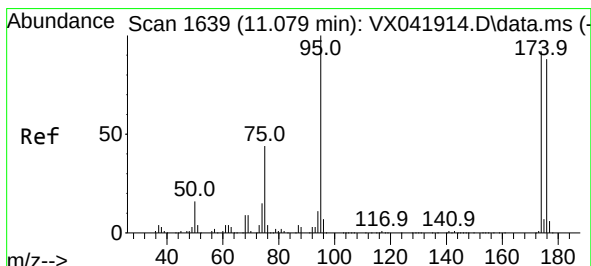
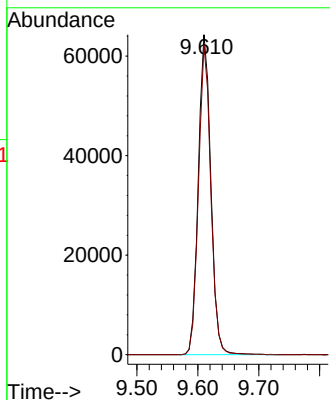
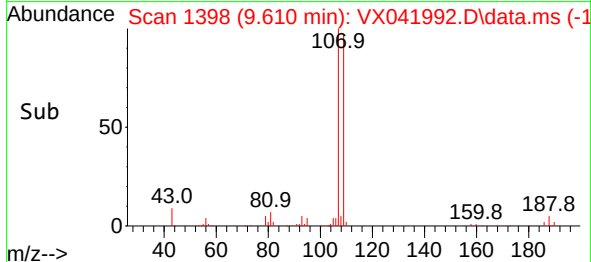
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



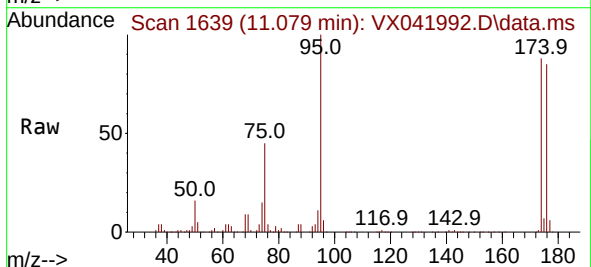
Tgt Ion:107 Resp: 9218
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
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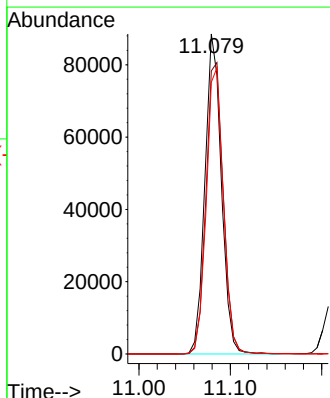
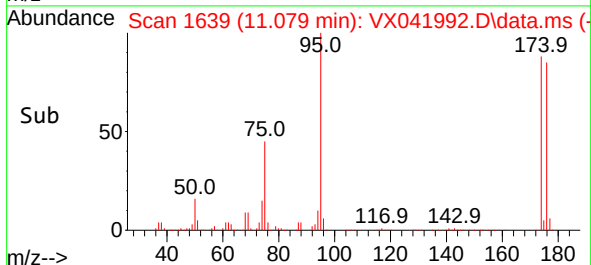
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

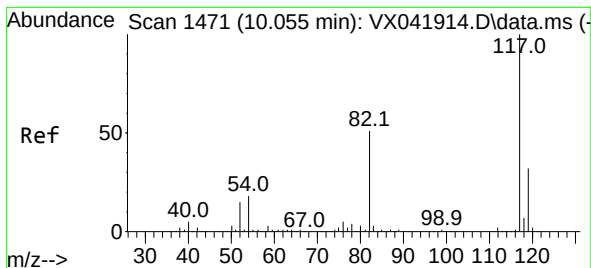


#62
4-Bromofluorobenzene
Concen: 48.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



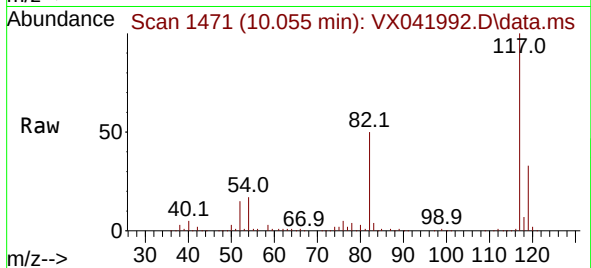
Tgt Ion: 95 Resp: 110106
Ion Ratio Lower Upper
95 100
174 96.3 0.0 135.6
176 93.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

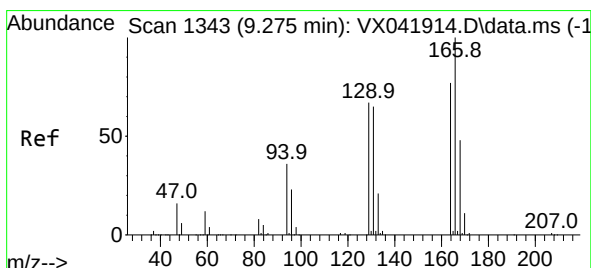
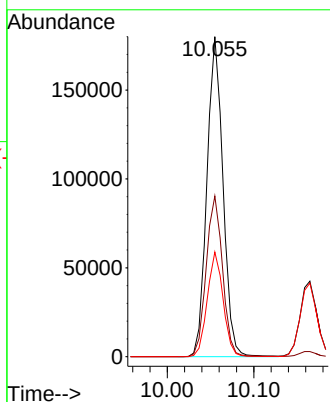
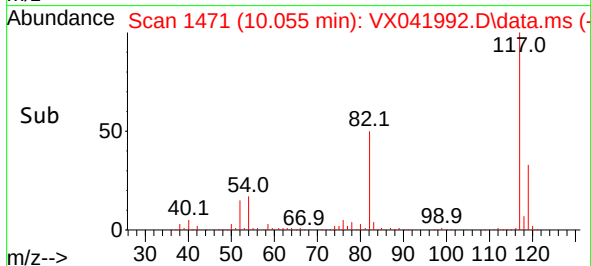
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23223
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.7 25.5 38.3

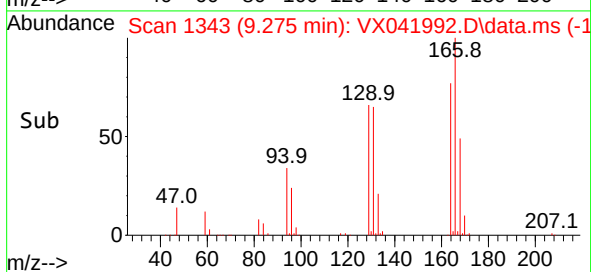
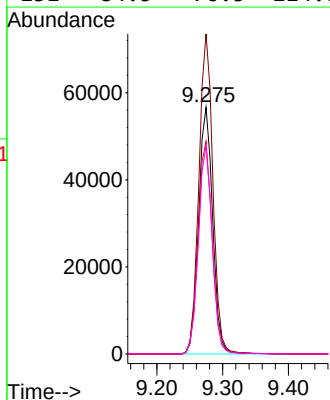
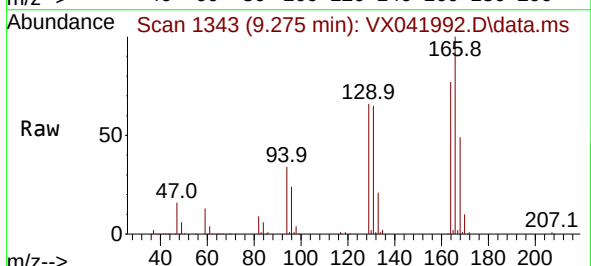
Manual Integrations
APPROVED

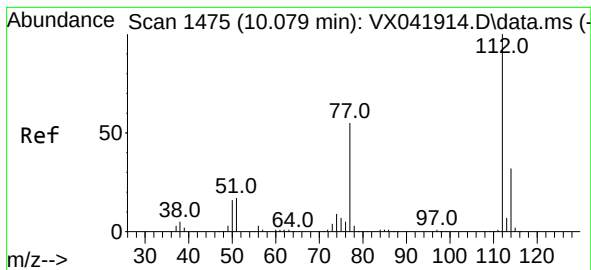
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#64
Tetrachloroethene
Concen: 49.860 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion:164 Resp: 84306
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 86.2 80.4 120.6
131 84.5 76.5 114.7





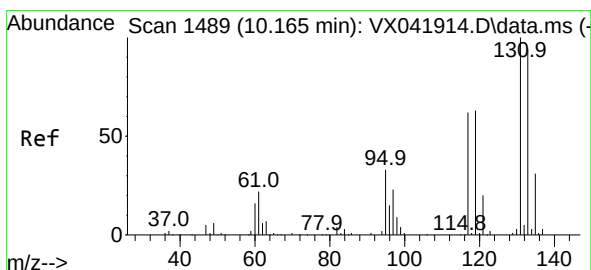
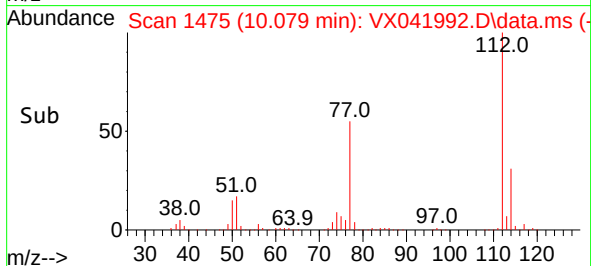
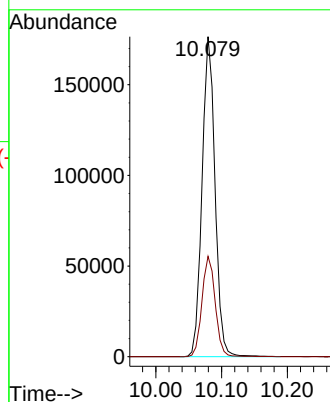
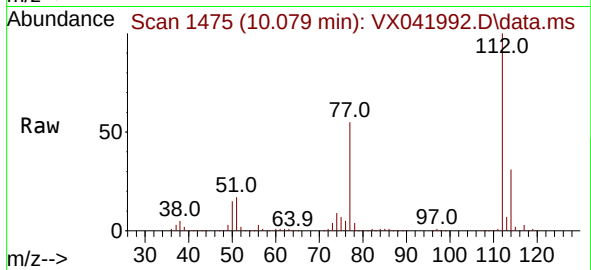
#65
Chlorobenzene
Concen: 49.971 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 24135
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

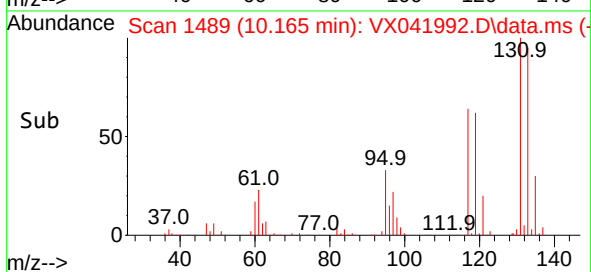
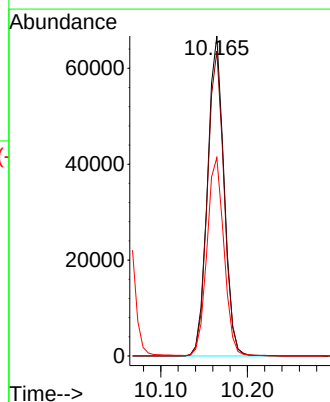
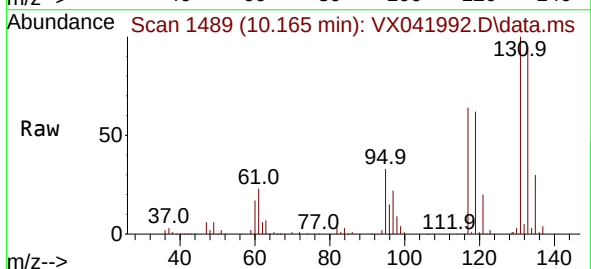
Manual Integrations
APPROVED

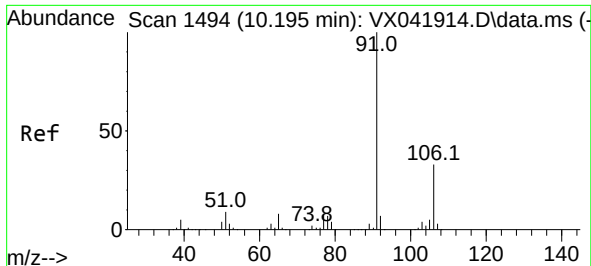
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.238 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

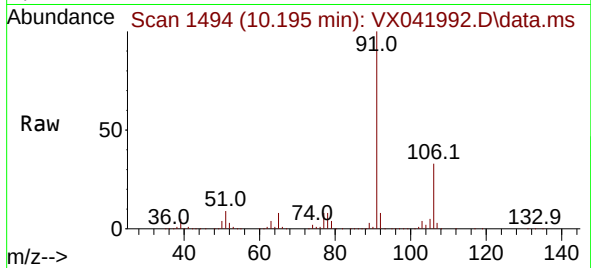
Tgt Ion:131 Resp: 88333
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 63.8 32.2 96.6





#67
Ethyl Benzene
Concen: 51.703 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

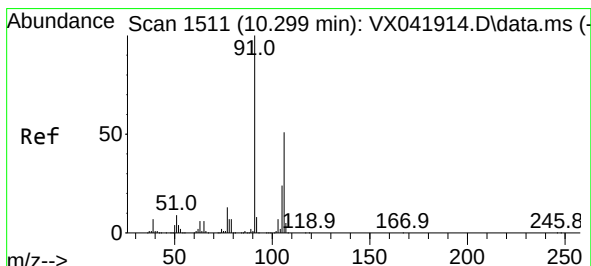
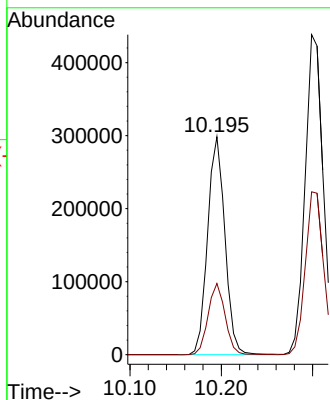
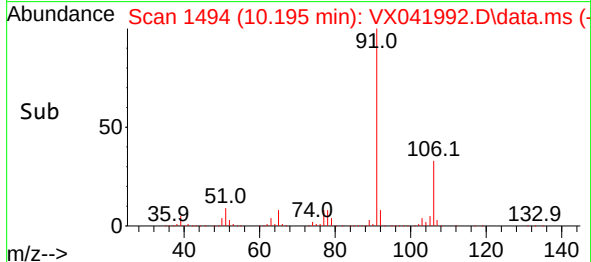
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 391347
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

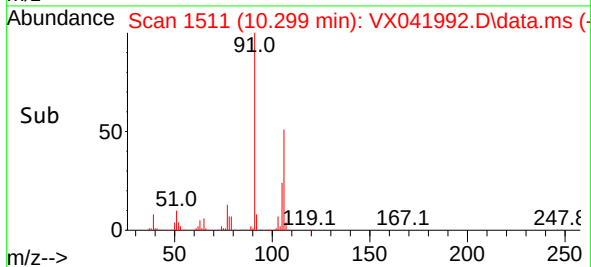
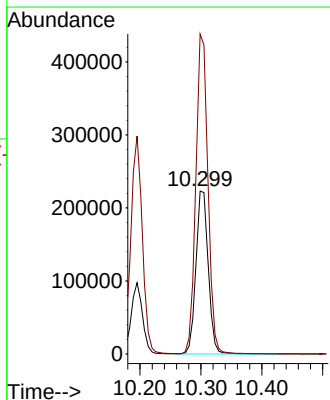
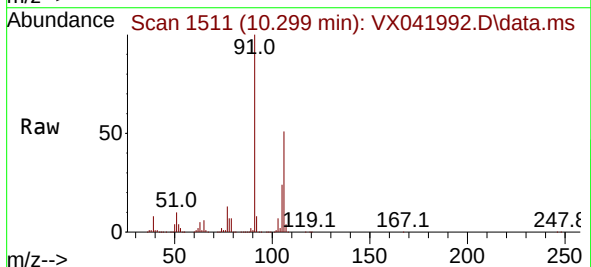
Manual Integrations
APPROVED

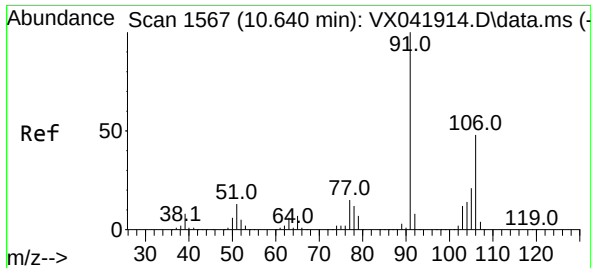
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#68
m/p-Xylenes
Concen: 101.938 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

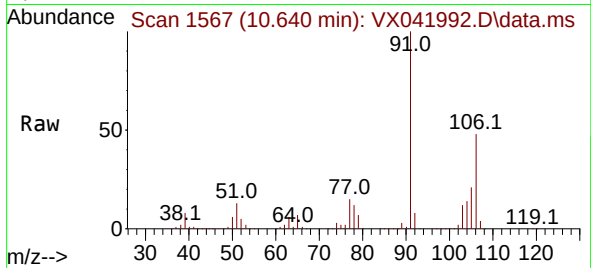
Tgt Ion:106 Resp: 311467
Ion Ratio Lower Upper
106 100
91 193.7 165.5 248.3





#69
o-Xylene
Concen: 51.417 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

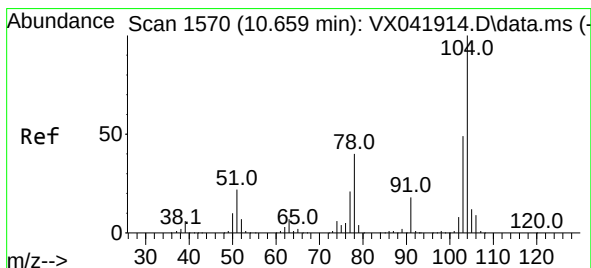
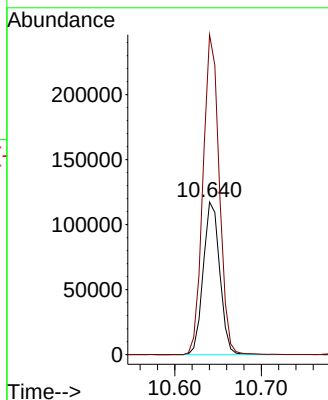
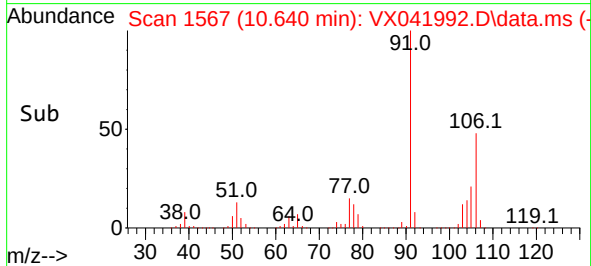
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 155539
Ion Ratio Lower Upper
106 100
91 207.0 108.9 326.8

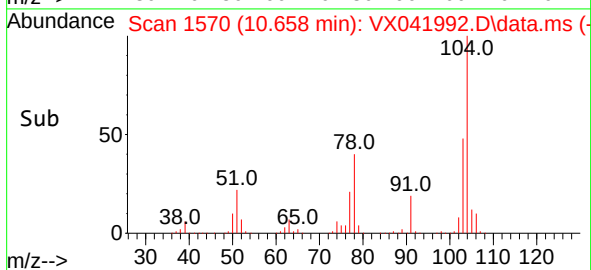
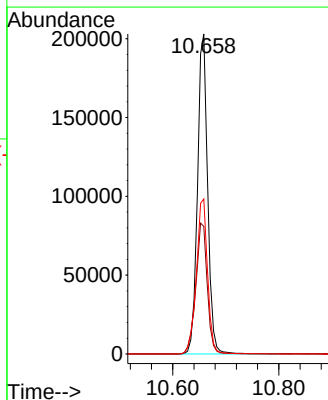
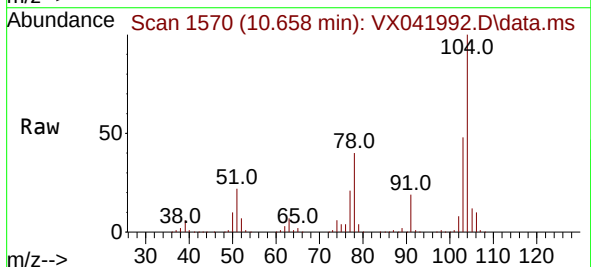
Manual Integrations
APPROVED

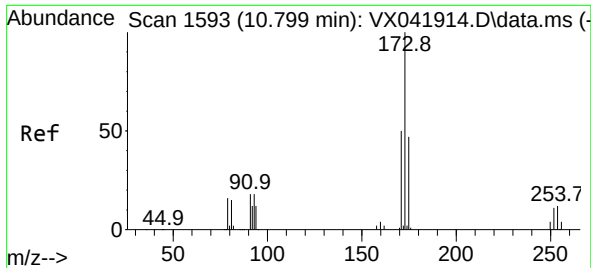
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#70
Styrene
Concen: 53.364 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

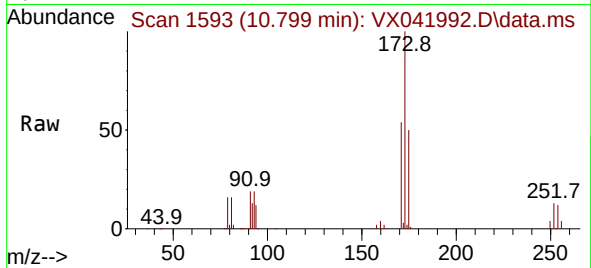
Tgt Ion:104 Resp: 270694
Ion Ratio Lower Upper
104 100
78 46.0 43.6 65.4
103 53.6 43.6 65.4





#71
Bromoform
Concen: 48.269 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

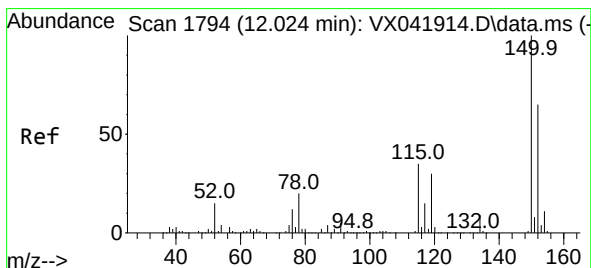
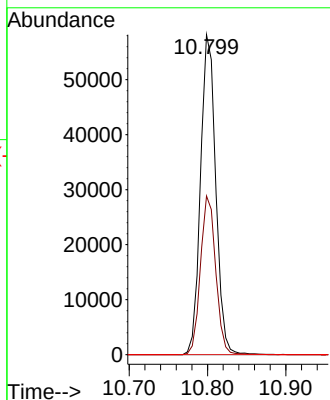
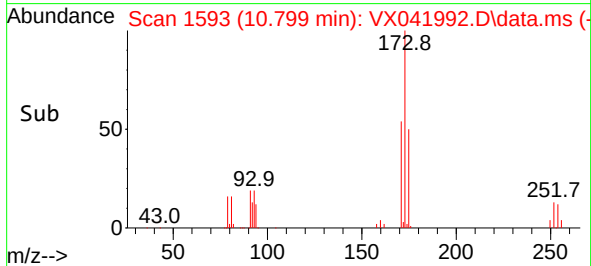
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 78594
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.4
254 0.0 0.0 0.0

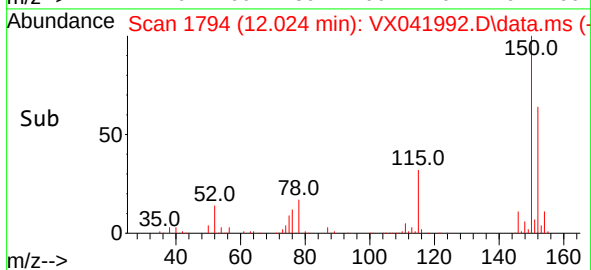
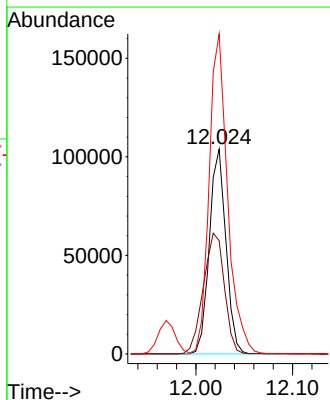
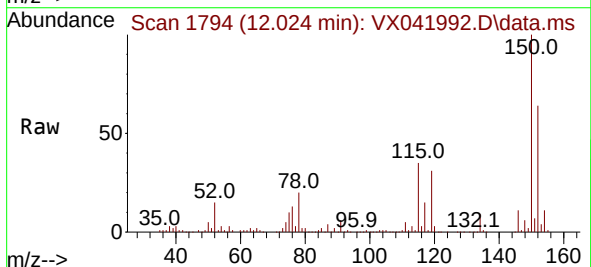
Manual Integrations
APPROVED

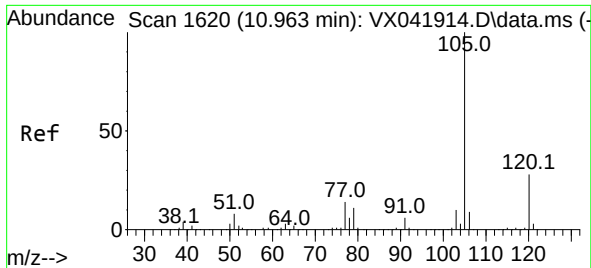
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion:152 Resp: 124413
Ion Ratio Lower Upper
152 100
115 74.9 43.3 129.9
150 173.2 0.0 345.0





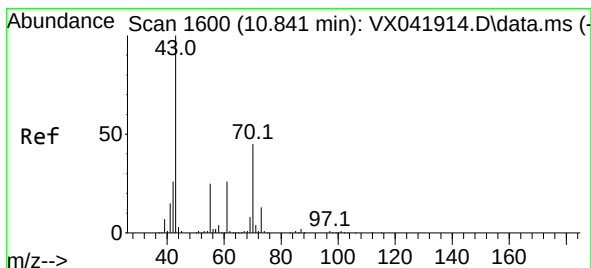
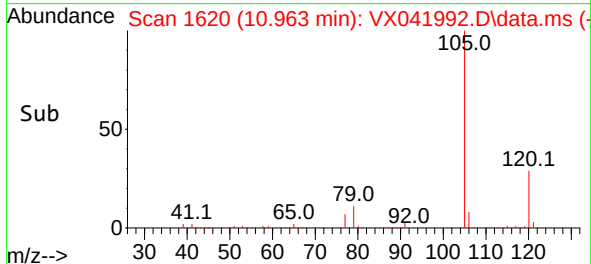
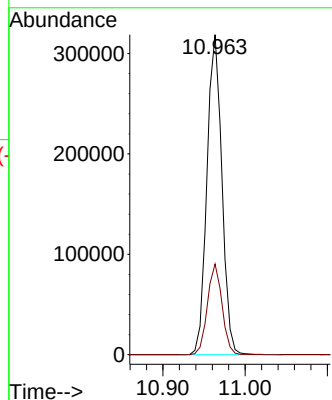
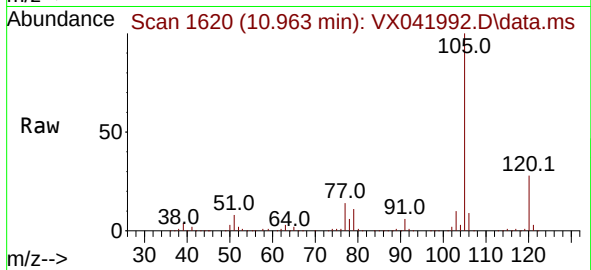
#73
Isopropylbenzene
Concen: 53.114 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 401800
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6

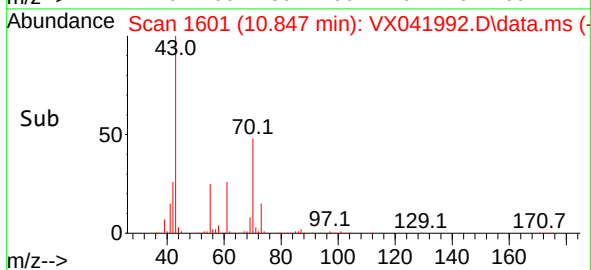
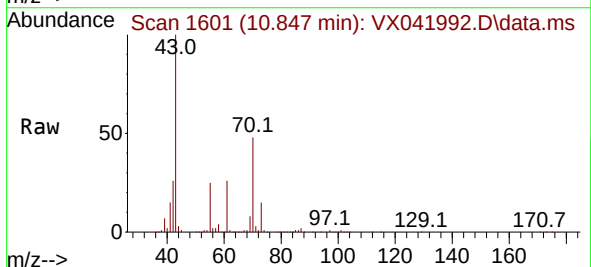
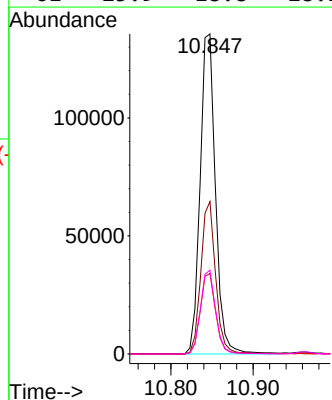
Manual Integrations
APPROVED

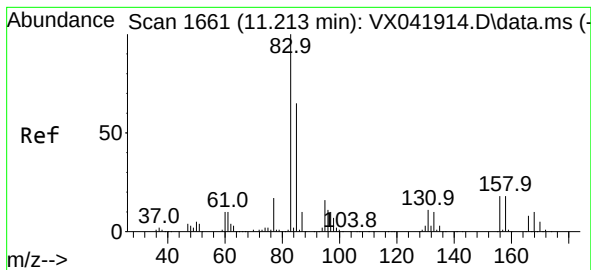
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#74
N-ethyl acetate
Concen: 52.418 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

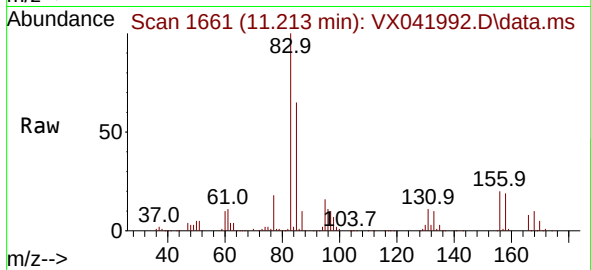
Tgt Ion: 43 Resp: 176138
Ion Ratio Lower Upper
43 100
70 46.0 32.9 49.3
55 25.2 19.3 28.9
61 25.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.912 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

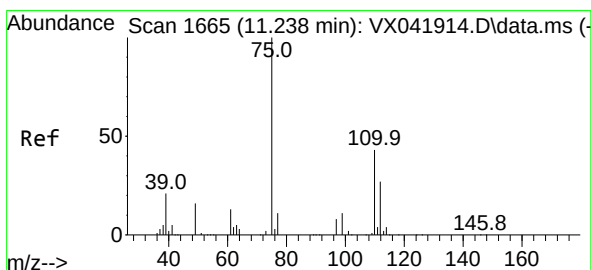
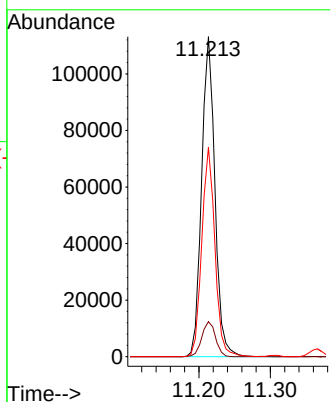
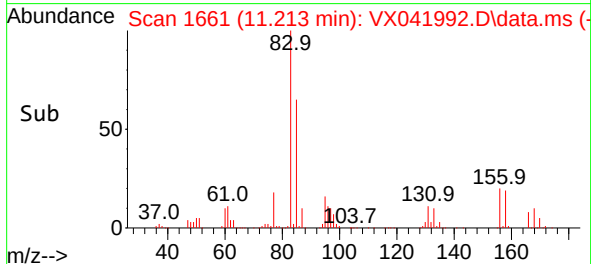
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



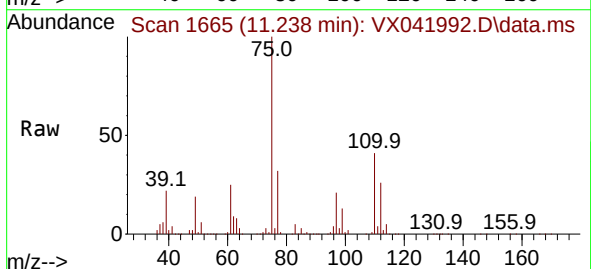
Tgt Ion: 83 Resp: 14601
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.8
85 64.6 32.0 96.2

Manual Integrations
APPROVED

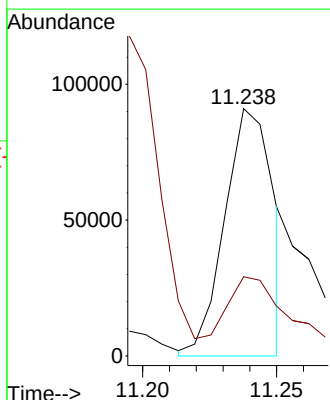
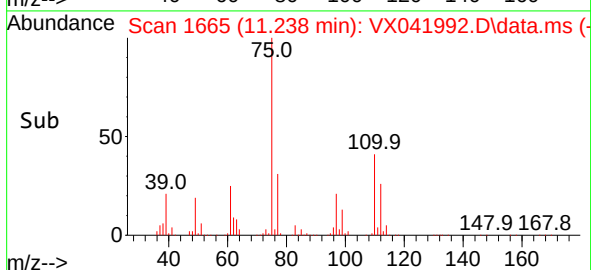
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

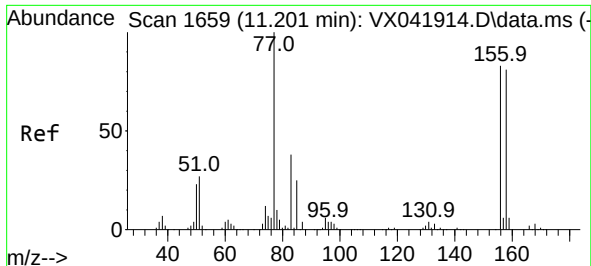


#76
1,2,3-Trichloropropane
Concen: 50.711 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



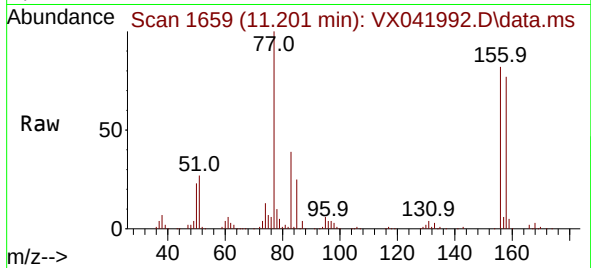
Tgt Ion: 75 Resp: 114535
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77
Bromobenzene
Concen: 50.967 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

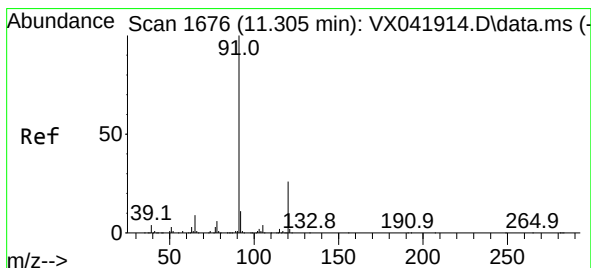
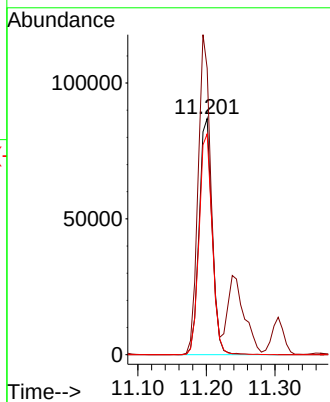
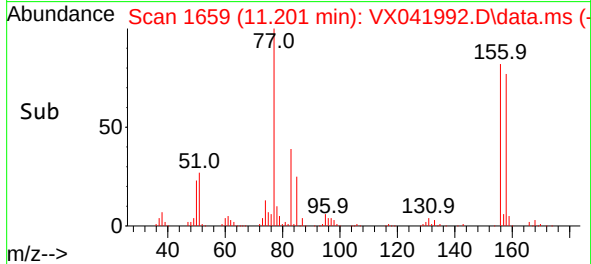
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



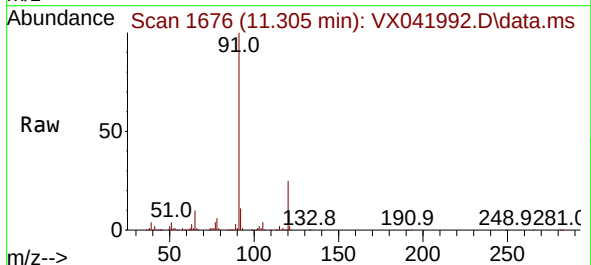
Tgt Ion:156 Resp: 114828
Ion Ratio Lower Upper
156 100
77 131.7 88.4 265.3
158 95.2 48.0 144.0

Manual Integrations
APPROVED

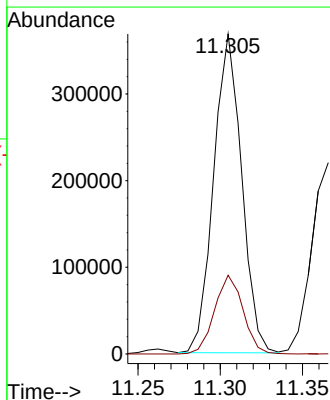
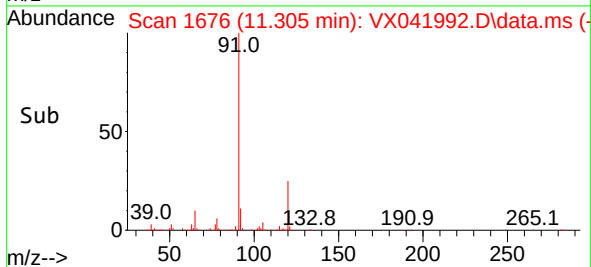
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

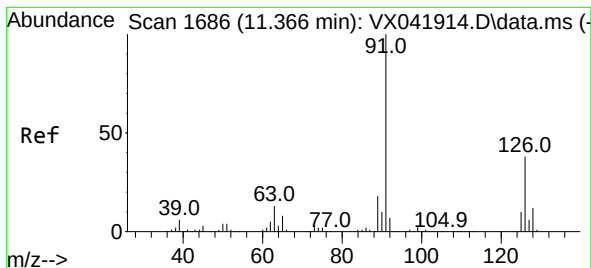


#78
n-propylbenzene
Concen: 53.008 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



Tgt Ion: 91 Resp: 435088
Ion Ratio Lower Upper
91 100
120 25.2 11.5 34.4





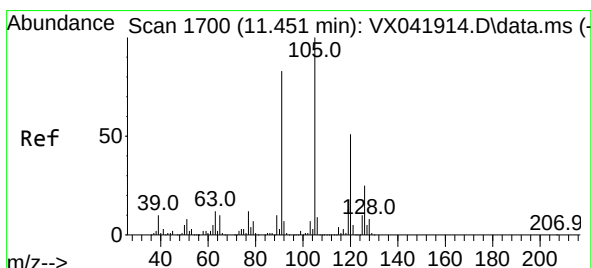
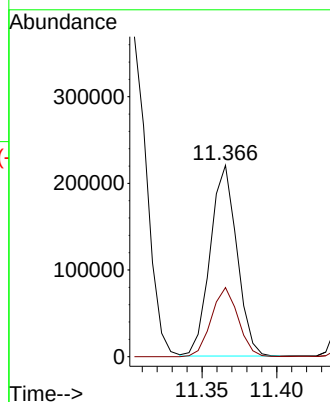
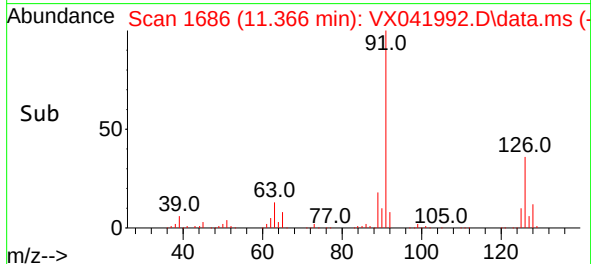
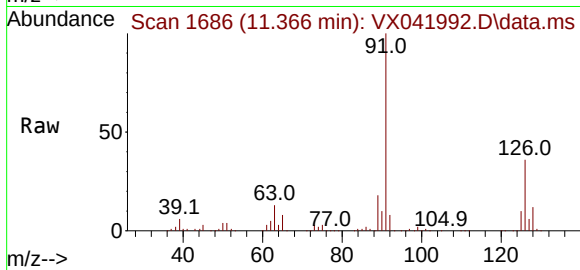
#79
2-Chlorotoluene
Concen: 51.703 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 27342
Ion Ratio Lower Upper
91 100
126 36.4 16.3 48.8

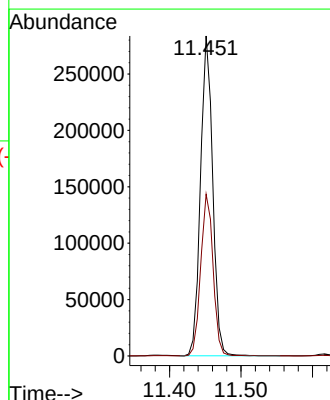
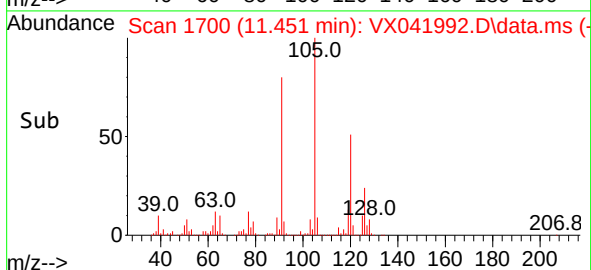
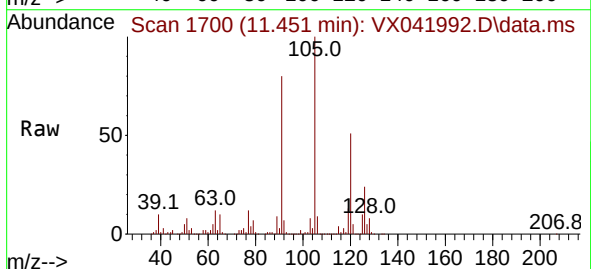
Manual Integrations
APPROVED

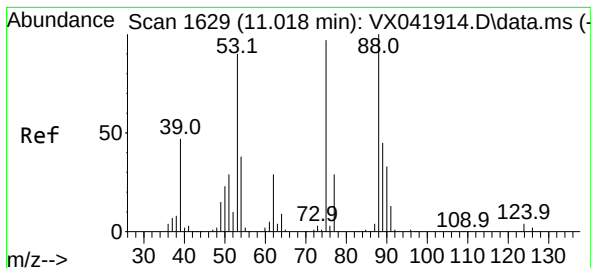
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion:105 Resp: 335045
Ion Ratio Lower Upper
105 100
120 51.3 24.1 72.3





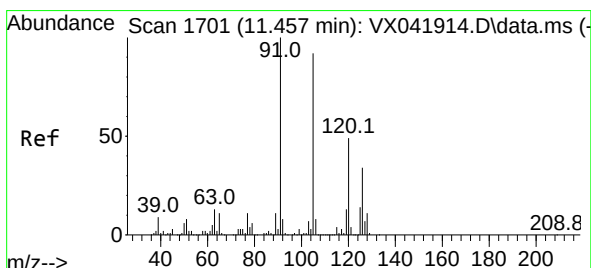
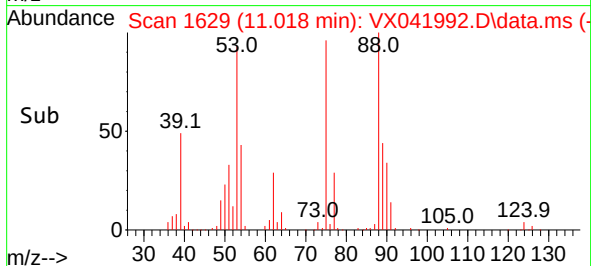
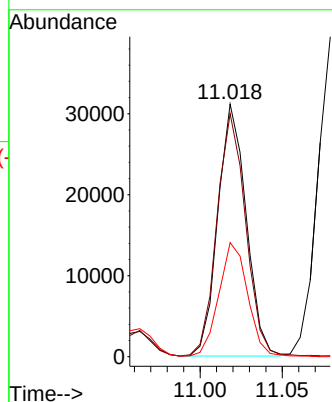
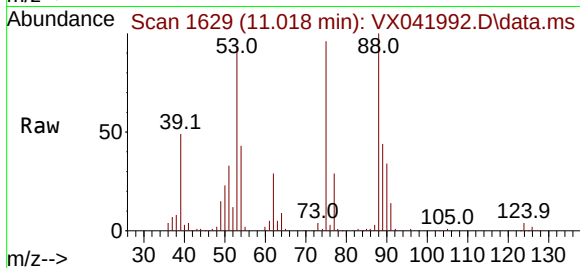
#81
trans-1,4-Dichloro-2-butene
Concen: 46.831 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 37245
Ion Ratio Lower Upper
75 100
53 99.2 90.5 135.7
89 46.4 36.9 55.3

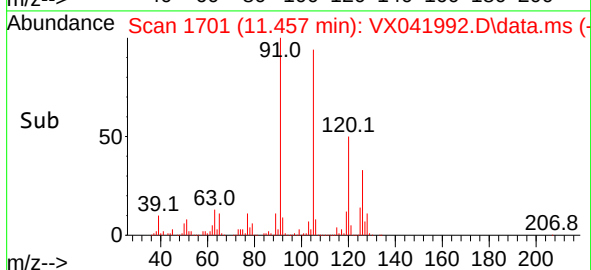
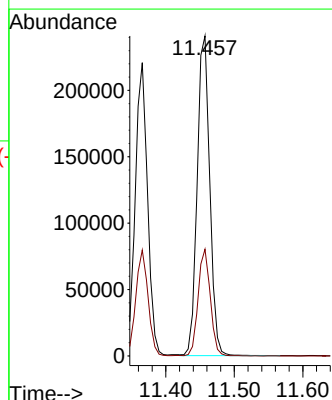
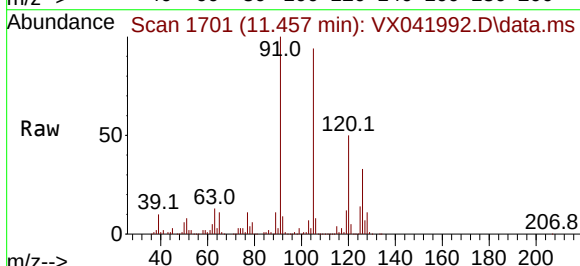
Manual Integrations
APPROVED

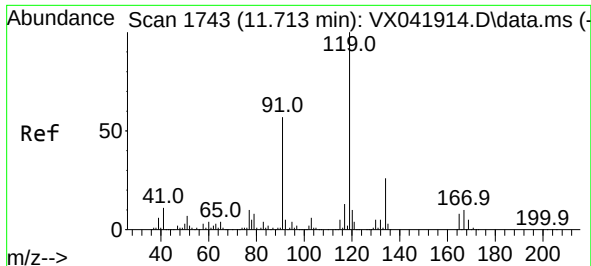
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#82
4-Chlorotoluene
Concen: 52.701 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

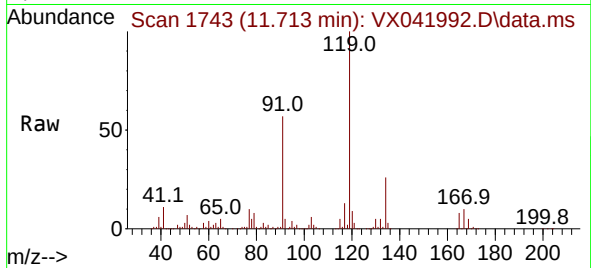
Tgt Ion: 91 Resp: 308090
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.698 ug/l
RT: 11.713 min Scan# 11743
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

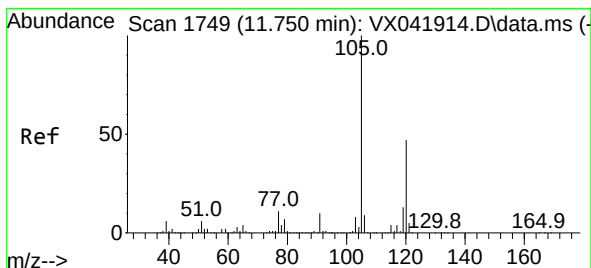
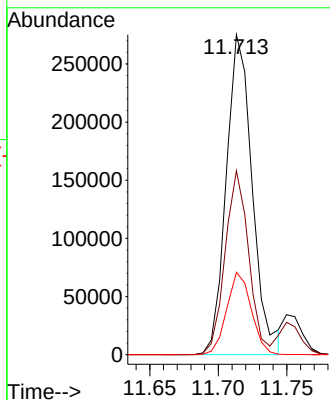
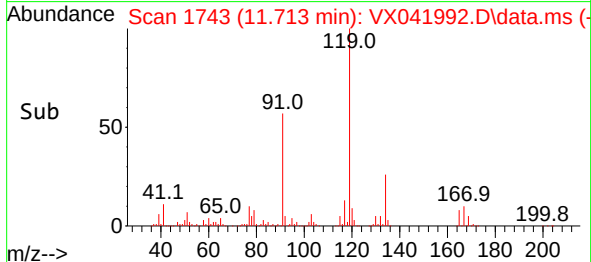
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 36434
Ion Ratio Lower Upper
119 100
91 52.1 31.2 93.6
134 24.3 11.7 35.0

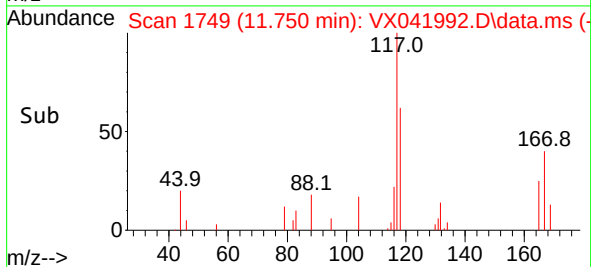
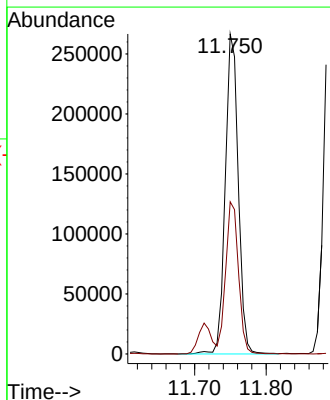
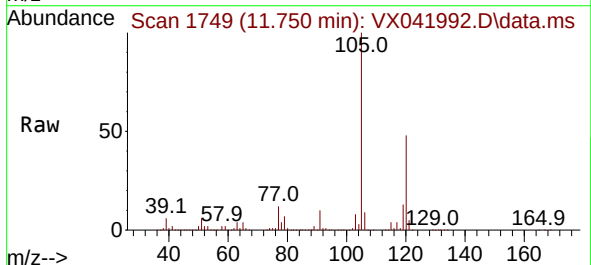
Manual Integrations
APPROVED

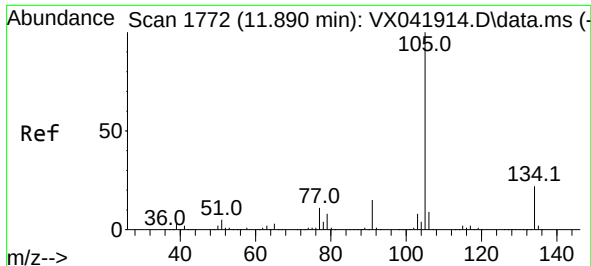
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.182 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

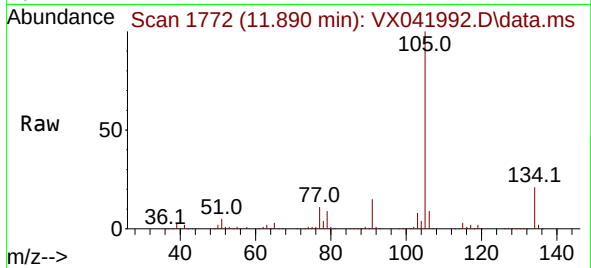
Tgt Ion:105 Resp: 336187
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.817 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041992.D
 Acq: 21 Jun 2024 20:19

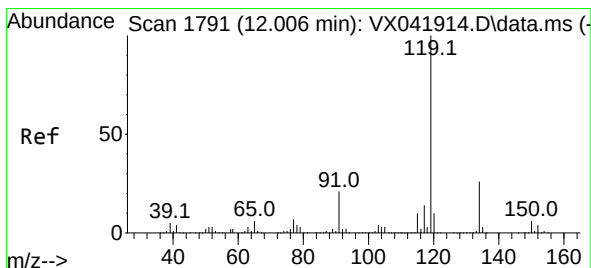
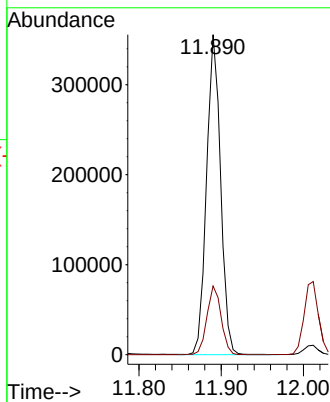
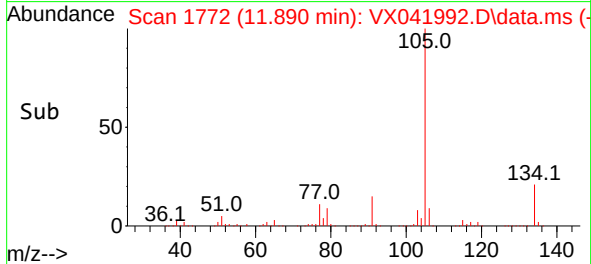
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 420849
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

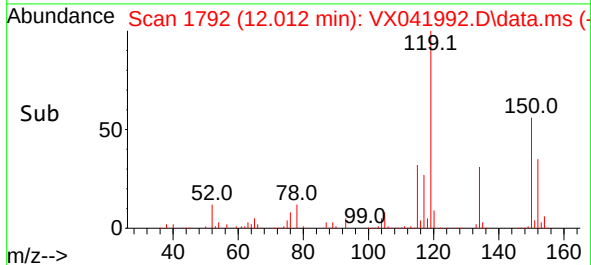
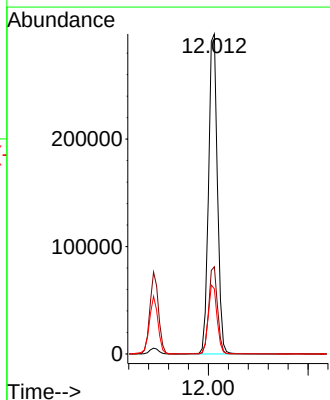
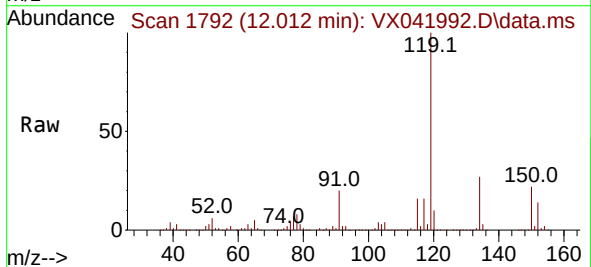
Manual Integrations
 APPROVED

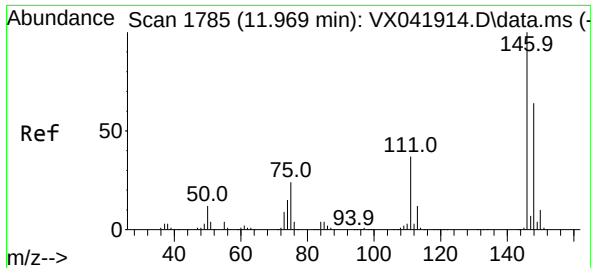
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#86
 p-Isopropyltoluene
 Concen: 53.753 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041992.D
 Acq: 21 Jun 2024 20:19

Tgt Ion:119 Resp: 367193
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 21.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.308 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

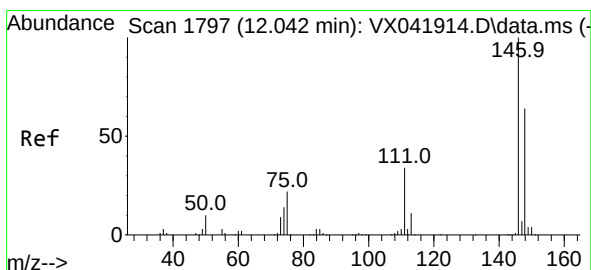
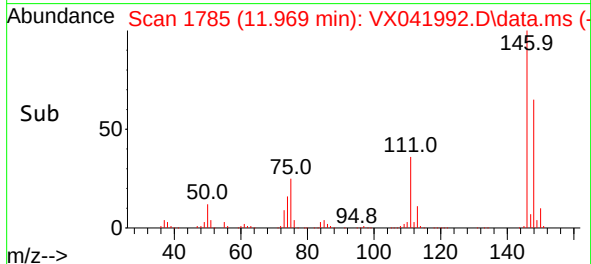
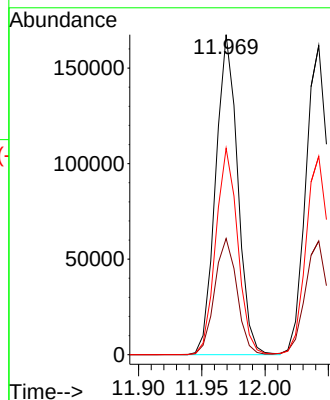
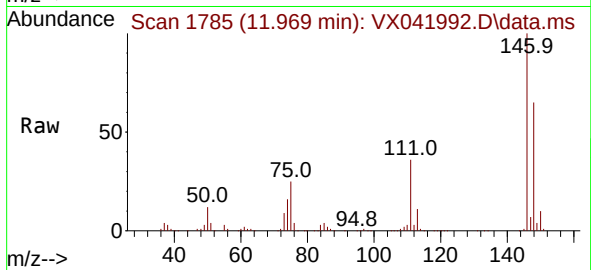
Tgt Ion:146 Resp: 203184
 Ion Ratio Lower Upper
 146 100
 111 36.8 22.1 66.1
 148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#88

1,4-Dichlorobenzene

Concen: 50.077 ug/l

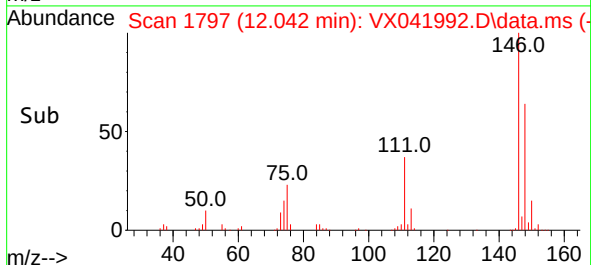
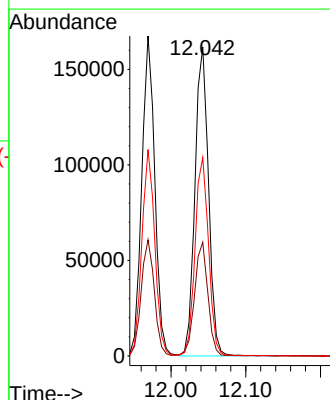
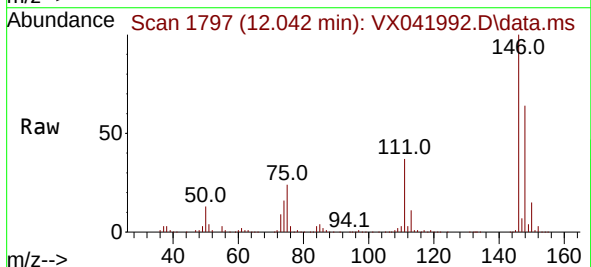
RT: 12.042 min Scan# 1797

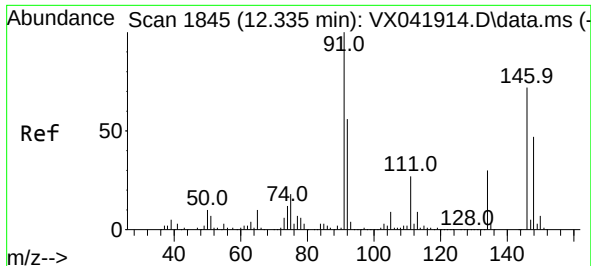
Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

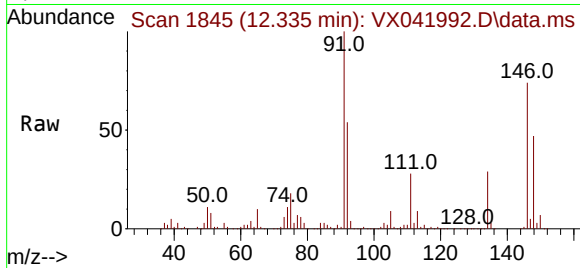
Tgt Ion:146 Resp: 203473
 Ion Ratio Lower Upper
 146 100
 111 36.1 21.3 63.7
 148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 53.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

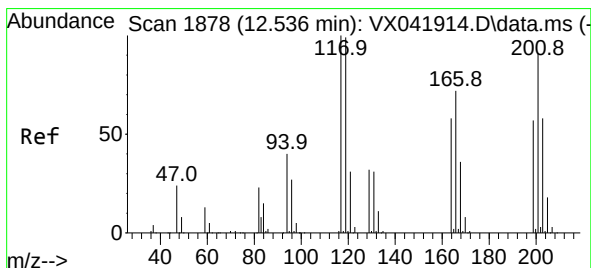
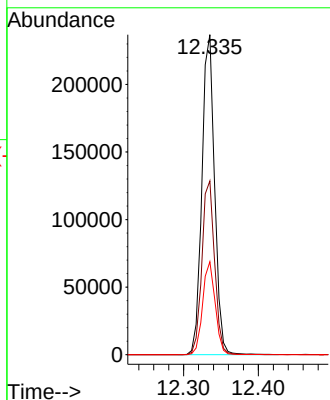
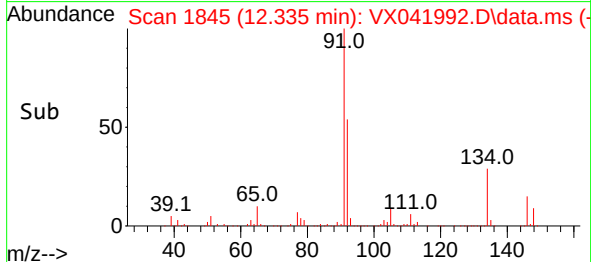
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 278944
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 28.8 12.6 37.8

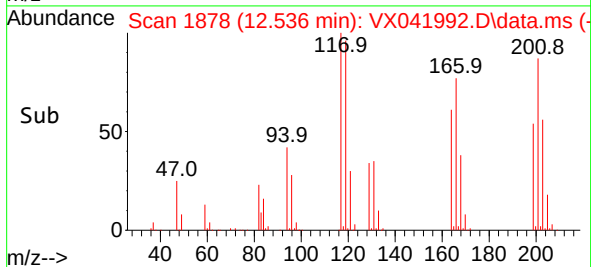
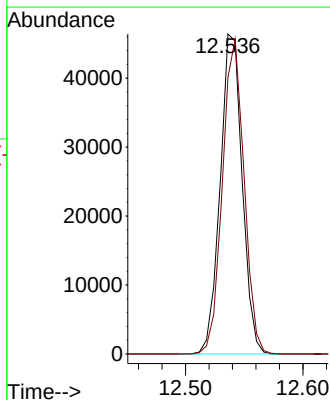
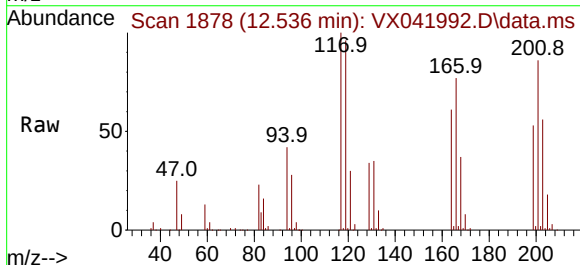
Manual Integrations
APPROVED

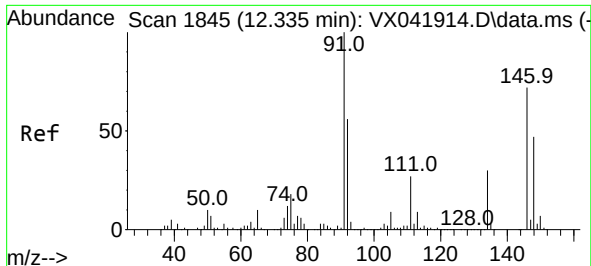
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#90
Hexachloroethane
Concen: 51.997 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

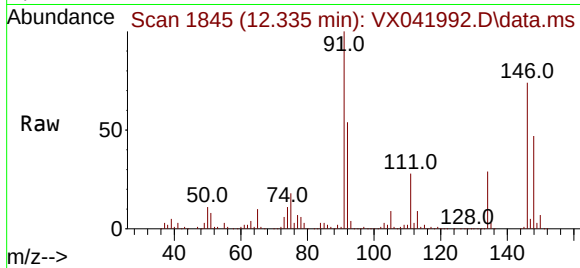
Tgt Ion:117 Resp: 60473
Ion Ratio Lower Upper
117 100
201 96.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.569 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

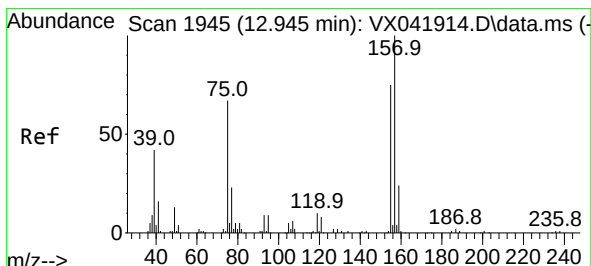
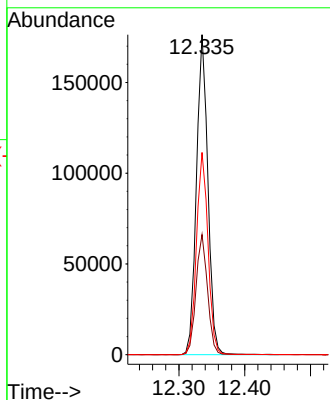
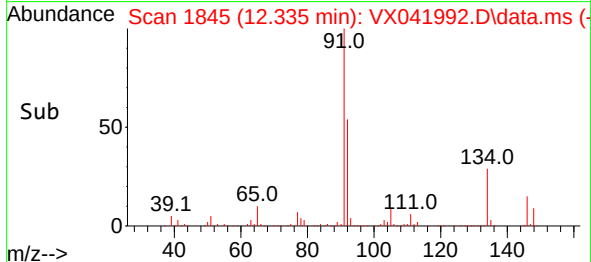
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



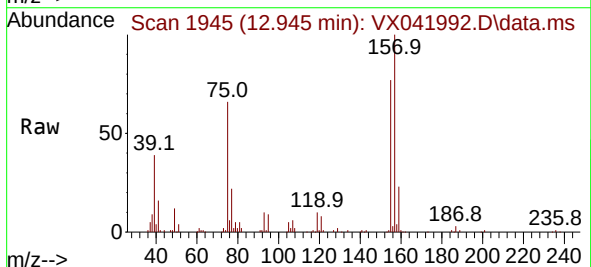
Tgt Ion:146 Resp: 21302
Ion Ratio Lower Upper
146 100
111 37.7 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

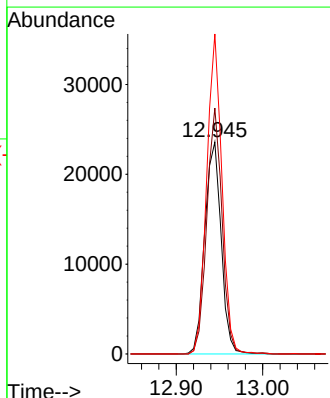
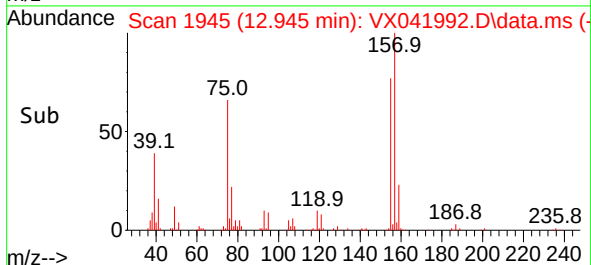
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

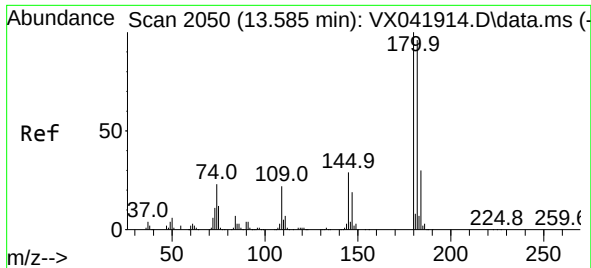


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.721 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19



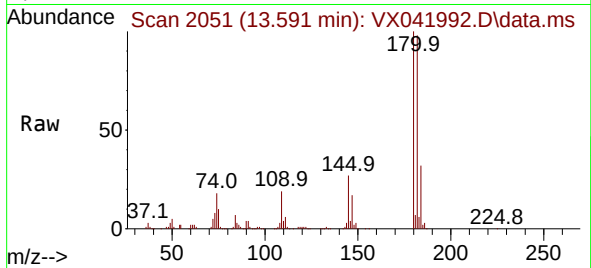
Tgt Ion: 75 Resp: 31060
Ion Ratio Lower Upper
75 100
155 108.4 36.1 108.5
157 139.9 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 51.579 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

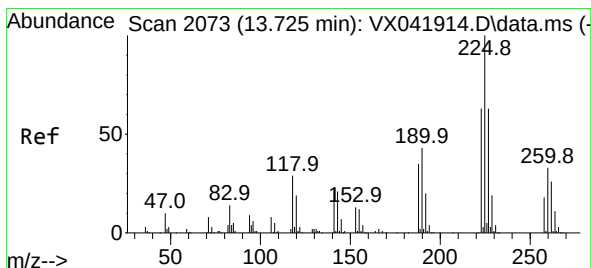
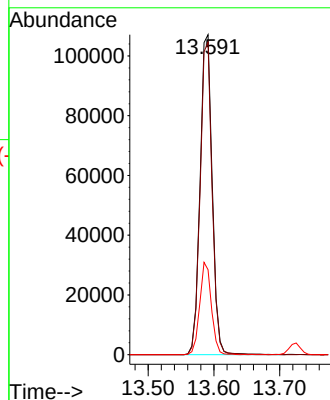
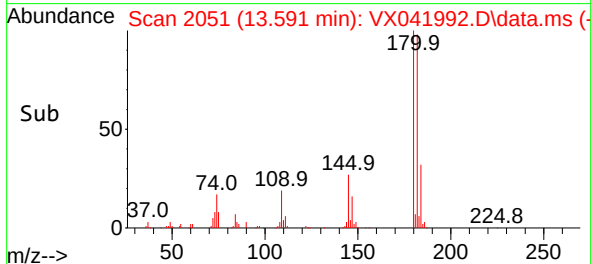
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 136919
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.8
145 27.7 18.0 54.0

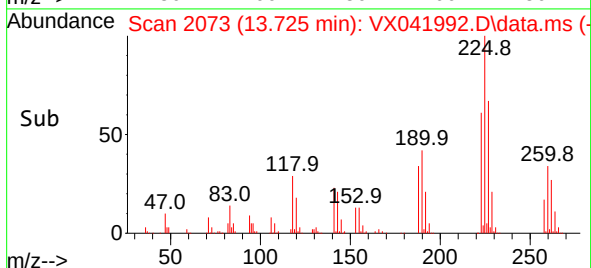
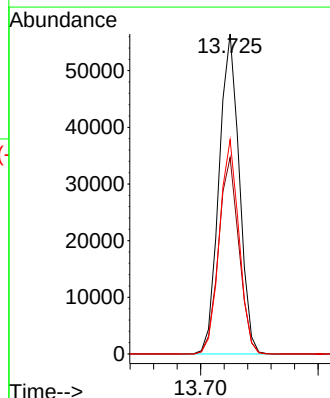
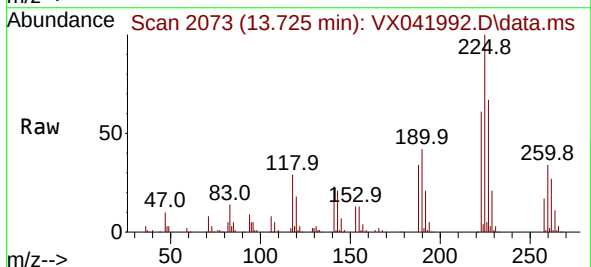
Manual Integrations
APPROVED

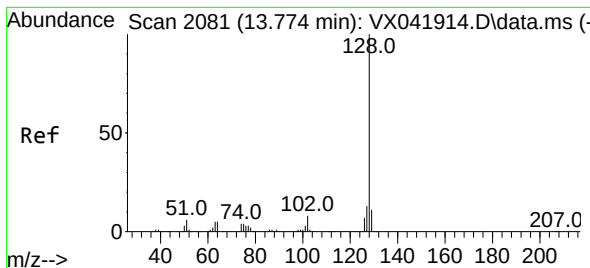
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#94
Hexachlorobutadiene
Concen: 50.331 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

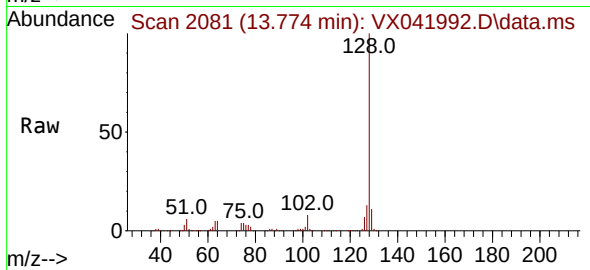
Tgt Ion:225 Resp: 67560
Ion Ratio Lower Upper
225 100
223 61.5 31.1 93.2
227 64.7 32.5 97.5





#95
Naphthalene
Concen: 49.908 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

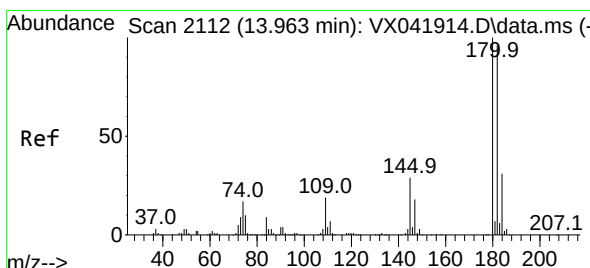
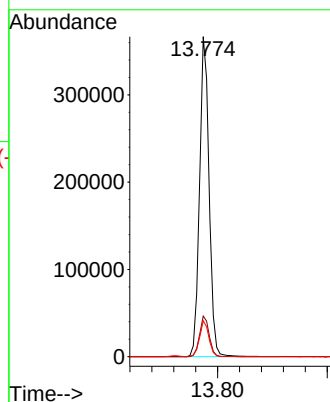
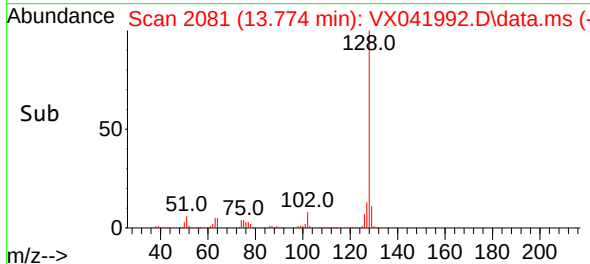
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 445159
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.346 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041992.D
Acq: 21 Jun 2024 20:19

Tgt Ion:180 Resp: 146551
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 29.3 17.8 53.5

