

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041193.D
 Acq On : 22 Apr 2024 16:31
 Operator : JC/MD
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Quant Time: Apr 23 05:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	259957	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	360994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118194	47.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.520%		
35) Dibromofluoromethane	5.385	113	104231	47.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	360347	48.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	125015	45.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38297	18.626	ug/l	96
3) Chloromethane	1.295	50	40057	17.994	ug/l	99
4) Vinyl Chloride	1.374	62	40682	18.275	ug/l	95
5) Bromomethane	1.599	94	22155	17.676	ug/l	96
6) Chloroethane	1.666	64	15712	18.578	ug/l	100
7) Trichlorofluoromethane	1.862	101	63828	18.504	ug/l	100
8) Diethyl Ether	2.136	74	24024	18.926	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	38546	18.993	ug/l #	86
10) Methyl Iodide	2.441	142	45376	18.541	ug/l	89
11) Tert butyl alcohol	3.026	59	42507	95.883	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	34800	18.369	ug/l	85
13) Acrolein	2.240	56	46349	93.198	ug/l	100
14) Allyl chloride	2.654	41	57999	18.845	ug/l	96
15) Acrylonitrile	3.075	53	111468	98.398	ug/l	99
16) Acetone	2.392	43	89097	98.915	ug/l	99
17) Carbon Disulfide	2.502	76	66012	16.680	ug/l	98
18) Methyl Acetate	2.709	43	47588	17.860	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	128077	18.911	ug/l	100
20) Methylene Chloride	2.788	84	41265	18.758	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	37979	18.141	ug/l	86
22) Diisopropyl ether	3.764	45	125389	18.844	ug/l	94
23) Vinyl Acetate	3.721	43	557861	97.998	ug/l	95
24) 1,1-Dichloroethane	3.605	63	69816	18.770	ug/l	97
25) 2-Butanone	4.568	43	151775	98.665	ug/l	94
26) 2,2-Dichloropropane	4.471	77	58903	18.737	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	47817	18.427	ug/l	89
28) Bromochloromethane	4.898	49	22655	16.050	ug/l #	70
29) Tetrahydrofuran	5.013	42	101116	96.487	ug/l	94
30) Chloroform	5.093	83	74887	18.757	ug/l	97
31) Cyclohexane	5.458	56	60701	18.226	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	66179	18.491	ug/l	97
36) 1,1-Dichloropropene	5.690	75	48638	17.311	ug/l	94
37) Ethyl Acetate	4.721	43	59091	19.169	ug/l	97
38) Carbon Tetrachloride	5.672	117	56902	18.132	ug/l	97
39) Methylcyclohexane	7.373	83	66332	17.799	ug/l	94
40) Benzene	6.032	78	158066	18.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31553	19.661	ug/l	94
42) 1,2-Dichloroethane	6.086	62	56194	18.677	ug/l	94
43) Isopropyl Acetate	6.349	43	92050	18.537	ug/l	96
44) Trichloroethene	7.123	130	45460	18.020	ug/l	83
45) 1,2-Dichloropropane	7.428	63	37850	18.192	ug/l	96
46) Dibromomethane	7.580	93	28975	18.677	ug/l #	77
47) Bromodichloromethane	7.824	83	52226	18.263	ug/l #	98
48) Methyl methacrylate	7.696	41	44414	18.910	ug/l	92
49) 1,4-Dioxane	7.678	88	16701	330.362	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	307697	98.995	ug/l	97
52) Toluene	8.714	92	105524	19.299	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	52837	18.837	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	59108	18.536	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	41889	19.634	ug/l	98
56) Ethyl methacrylate	9.116	69	64211	19.687	ug/l	92
57) 1,3-Dichloropropane	9.305	76	67236	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	125231	78.889	ug/l	92
59) 2-Hexanone	9.433	43	241315	101.244	ug/l	95
60) Dibromochloromethane	9.519	129	45498	18.474	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42991	18.781	ug/l	98
64) Tetrachloroethene	9.275	164	44740	18.317	ug/l	90
65) Chlorobenzene	10.080	112	119506	18.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42714	19.025	ug/l	99
67) Ethyl Benzene	10.195	91	195596	18.699	ug/l	96
68) m/p-Xylenes	10.299	106	159100	37.678	ug/l	90
69) o-Xylene	10.640	106	78136	19.026	ug/l	93
70) Styrene	10.659	104	128649	19.255	ug/l	95
71) Bromoform	10.799	173	36513	19.023	ug/l #	100
73) Isopropylbenzene	10.964	105	189313	17.979	ug/l	95
74) N-amyl acetate	10.842	43	80287	19.401	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	61962	18.659	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	48897m	17.933	ug/l	
77) Bromobenzene	11.195	156	53081	17.323	ug/l	77
78) n-propylbenzene	11.305	91	203266	17.878	ug/l	96
79) 2-Chlorotoluene	11.366	91	128518	17.862	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	169434	19.341	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15853	16.403	ug/l	97
82) 4-Chlorotoluene	11.451	91	153451	18.820	ug/l	92
83) tert-Butylbenzene	11.713	119	182481	19.452	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	169677	19.515	ug/l	92
85) sec-Butylbenzene	11.890	105	209424	19.332	ug/l	94
86) p-Isopropyltoluene	12.006	119	184248	19.300	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	102193	18.566	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	103133	18.261	ug/l	96
89) n-Butylbenzene	12.329	91	136733	18.864	ug/l	97
90) Hexachloroethane	12.536	117	28735	18.247	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	105537	19.143	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13585	19.497	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	70108	18.341	ug/l	95
94) Hexachlorobutadiene	13.725	225	36544	18.712	ug/l	99
95) Naphthalene	13.774	128	211134	19.224	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73640	18.290	ug/l	95

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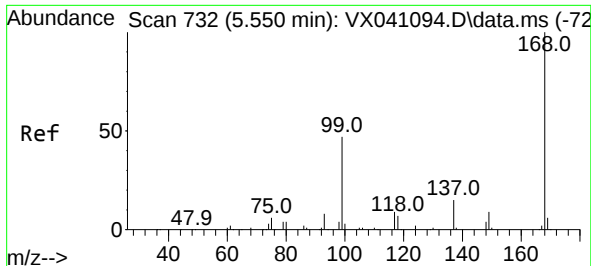
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

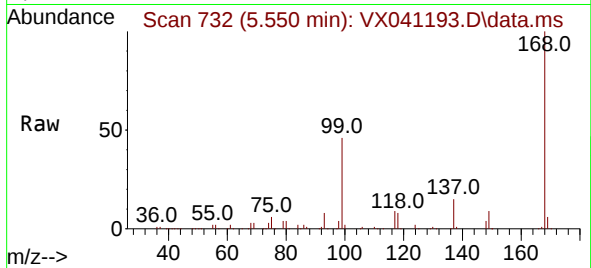
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

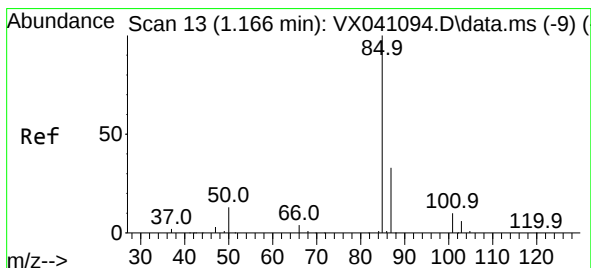
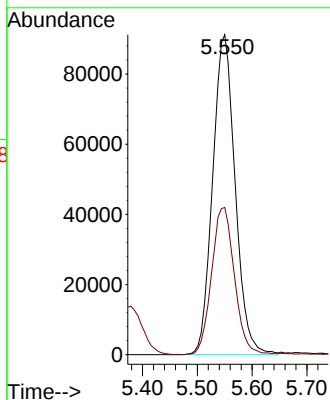
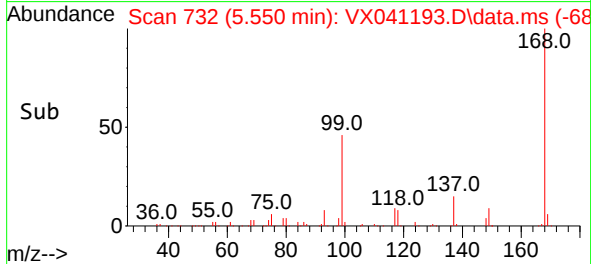
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 25995
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0

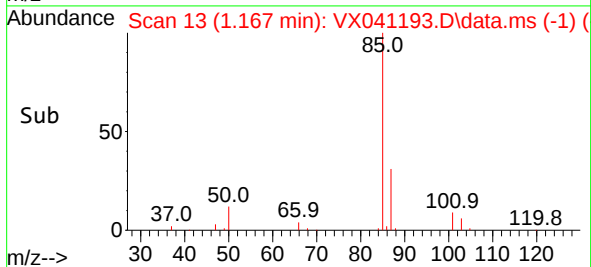
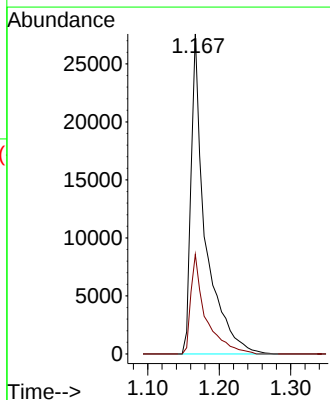
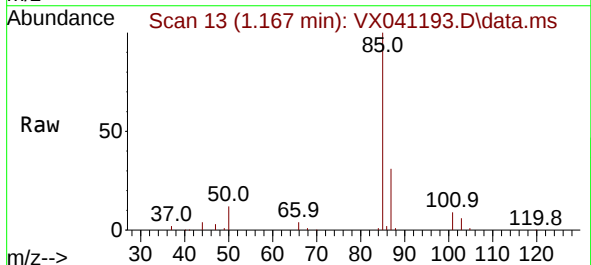
Manual Integrations
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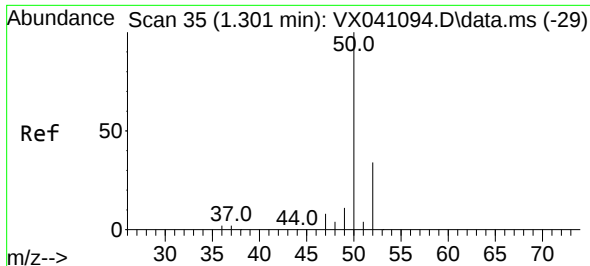
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 18.626 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 85 Resp: 38297
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





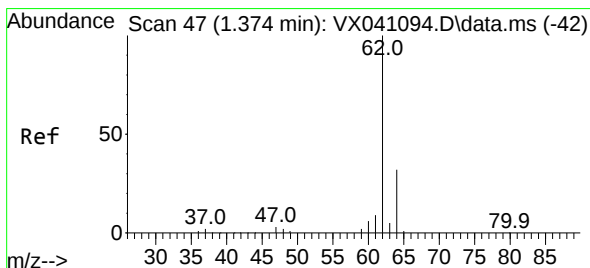
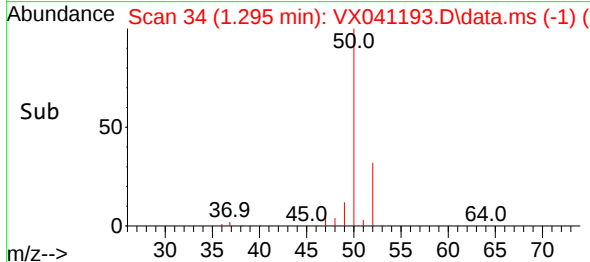
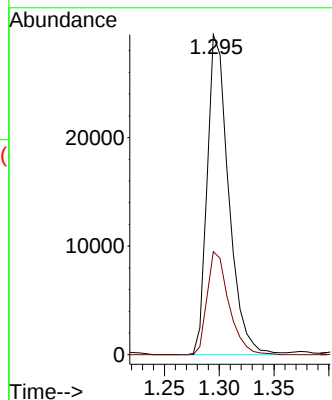
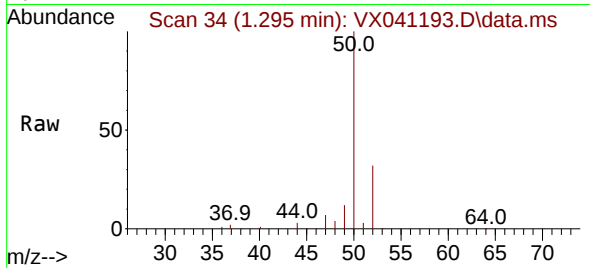
#3
Chloromethane
Concen: 17.994 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
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ClientSampleId :
VX0422WBS01

Tgt Ion: 50 Resp: 4005
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

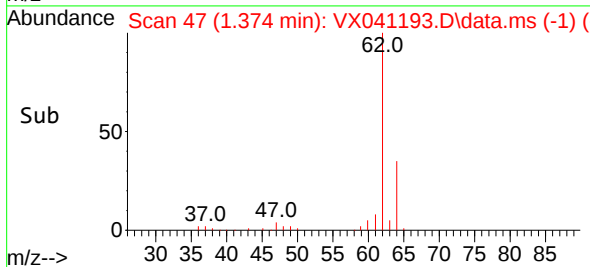
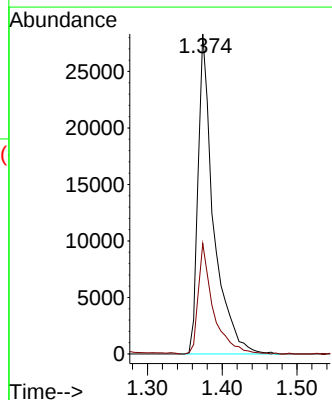
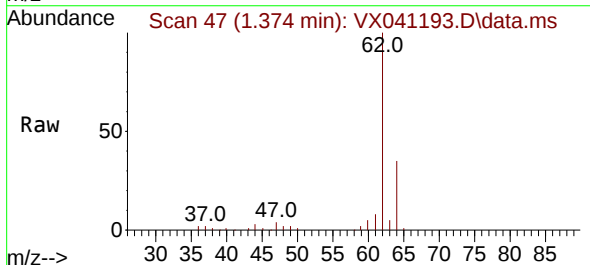
Manual Integrations
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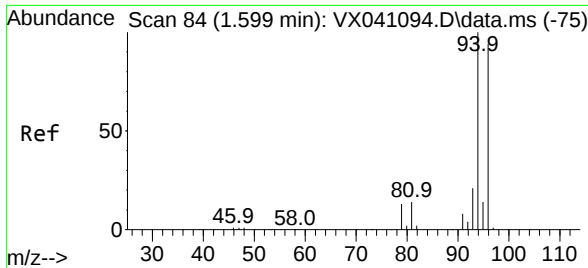
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 18.275 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

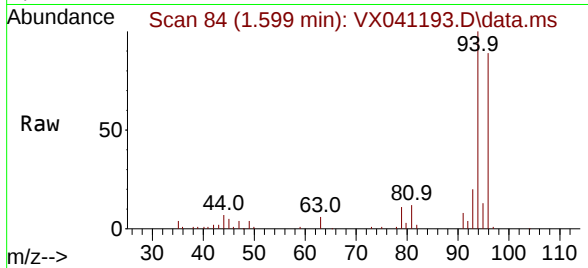
Tgt Ion: 62 Resp: 40682
Ion Ratio Lower Upper
62 100
64 34.5 25.4 38.0





#5
Bromomethane
Concen: 17.676 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

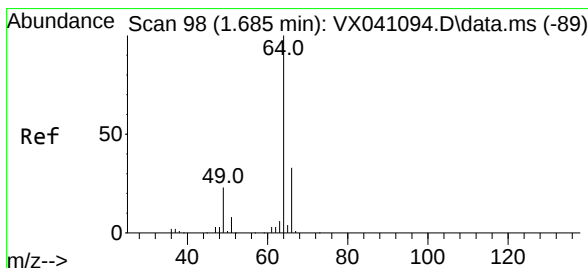
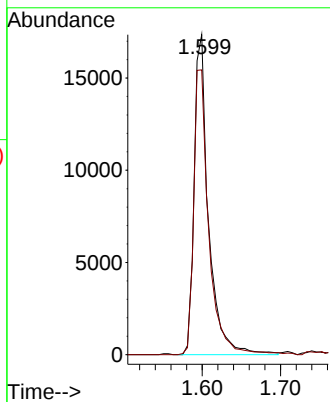
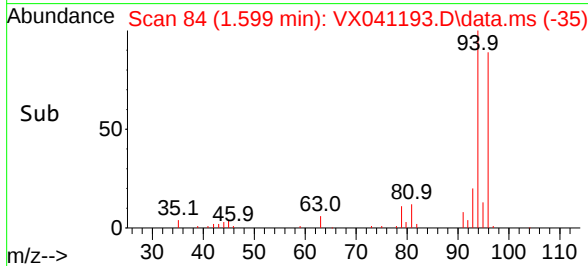
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 2215
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8

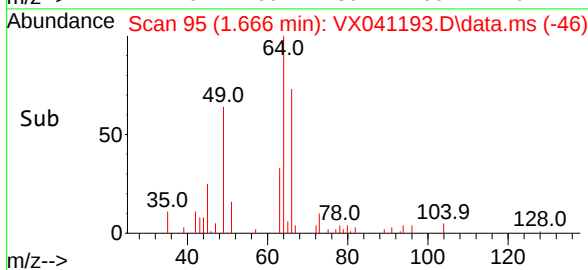
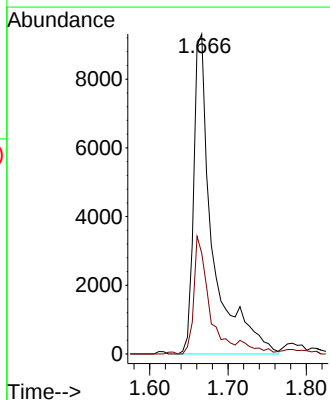
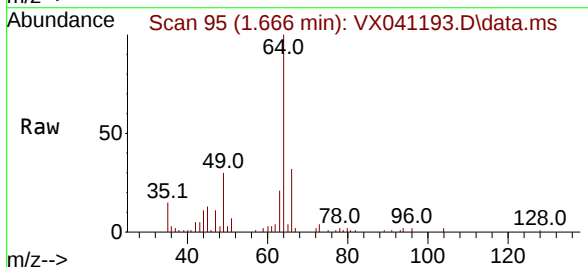
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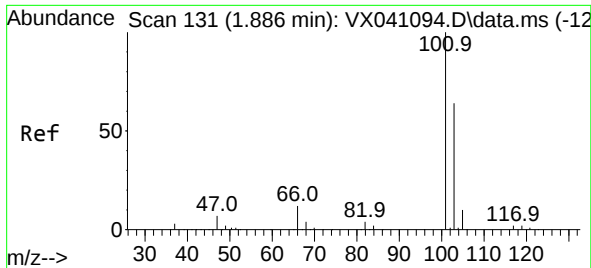
Reviewed By :John Carlone 04/23/2024
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#6
Chloroethane
Concen: 18.578 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 64 Resp: 15712
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





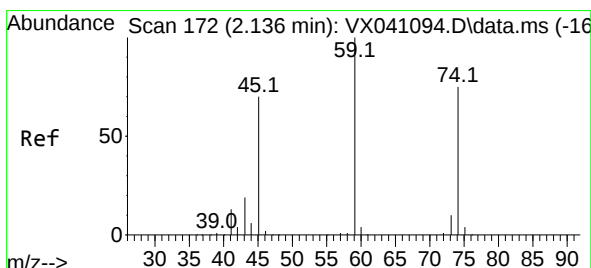
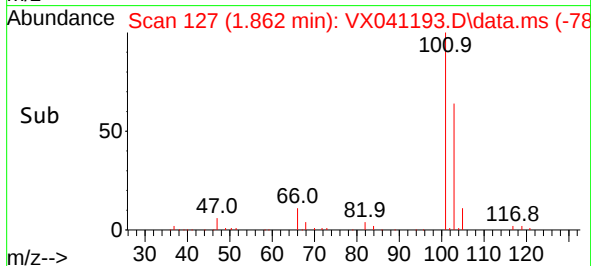
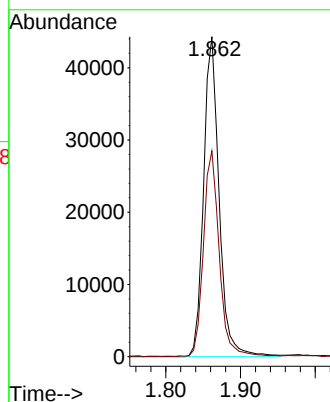
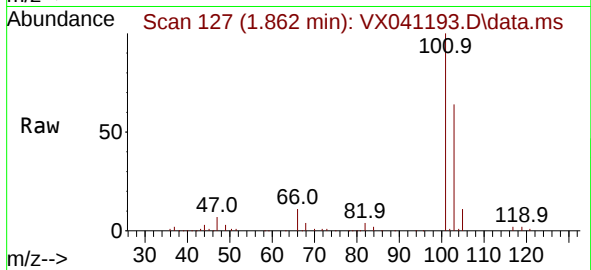
#7
Trichlorofluoromethane
Concen: 18.504 ug/l
RT: 1.862 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion:101 Resp: 63828
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

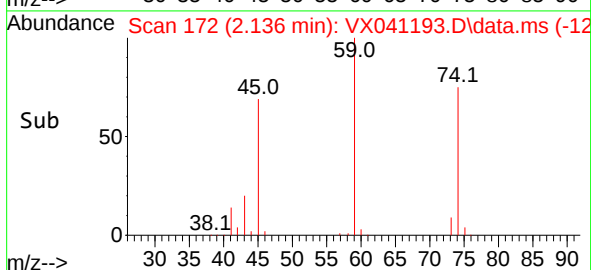
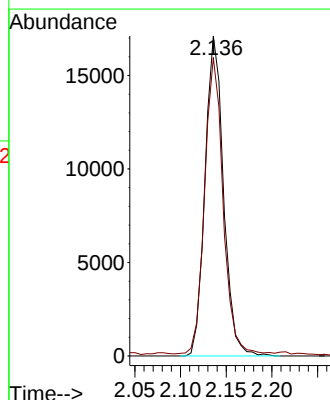
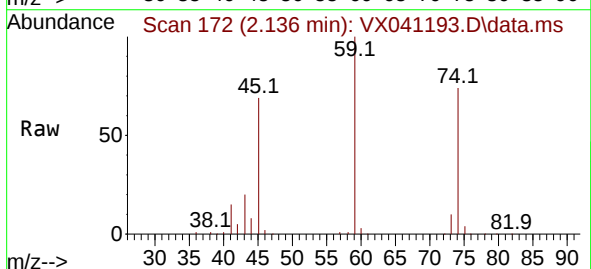
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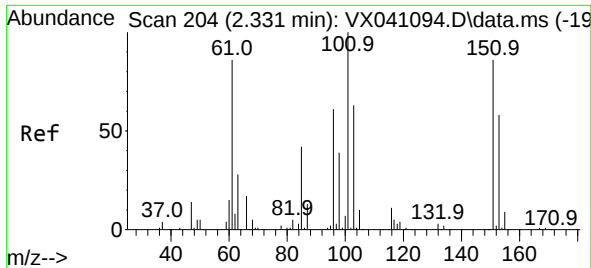
Reviewed By :John Carlone 04/23/2024
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#8
Diethyl Ether
Concen: 18.926 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041193.D
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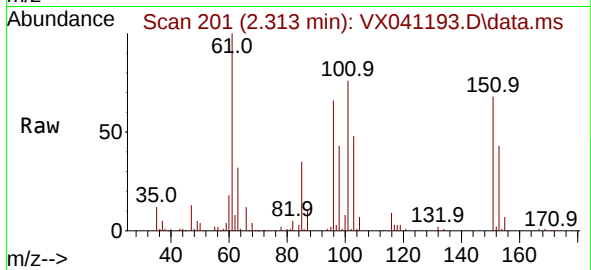
Tgt Ion: 74 Resp: 24024
Ion Ratio Lower Upper
74 100
45 92.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.993 ug/l
RT: 2.313 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

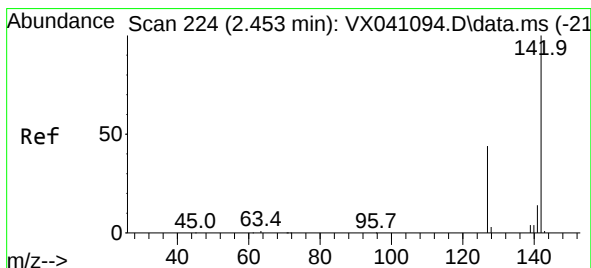
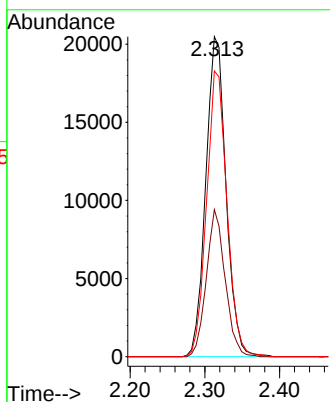
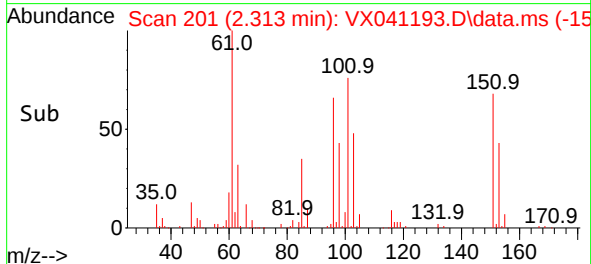
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion:101 Resp: 38540
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 89.9 58.6 87.8

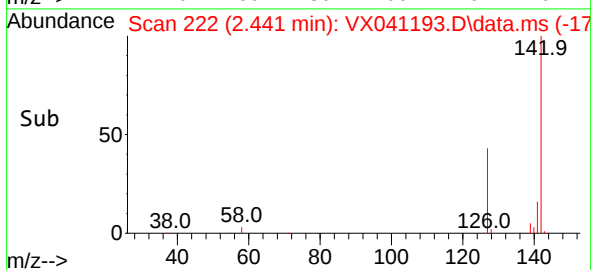
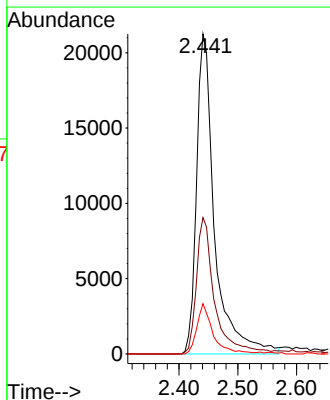
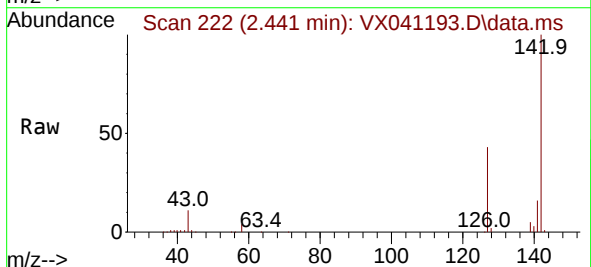
Manual Integrations
APPROVED

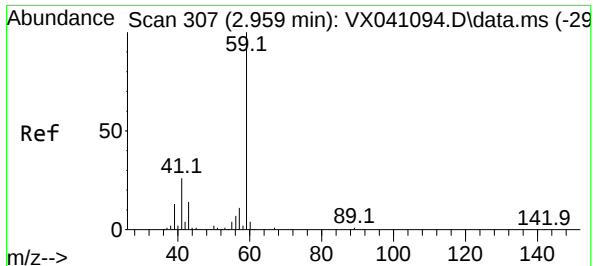
Reviewed By :John Carbone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 18.541 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion:142 Resp: 45376
Ion Ratio Lower Upper
142 100
127 42.7 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 95.883 ug/l

RT: 3.026 min Scan# 31

Delta R.T. -0.036 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 59 Resp: 4250

Ion Ratio Lower Upper

59 100

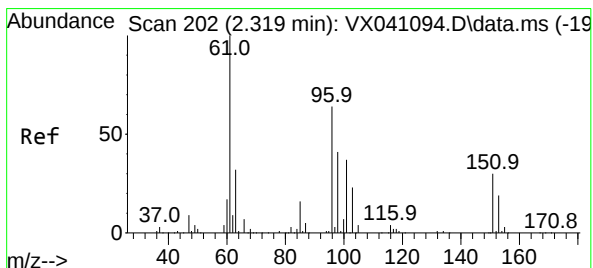
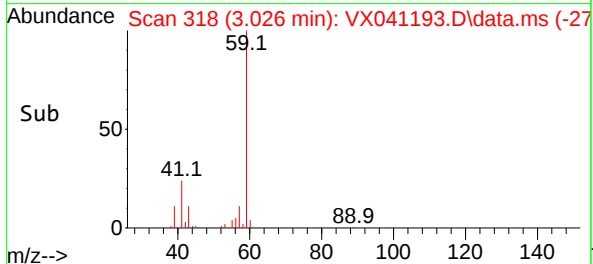
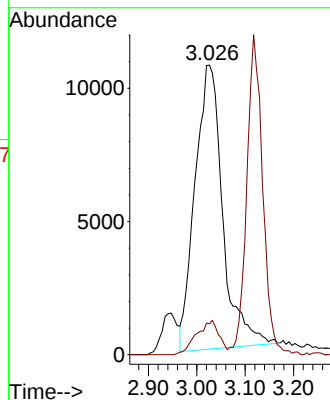
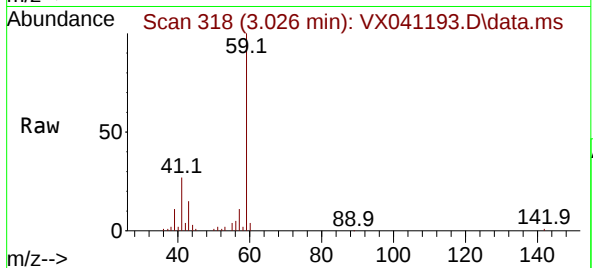
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#12

1,1-Dichloroethene

Concen: 18.369 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

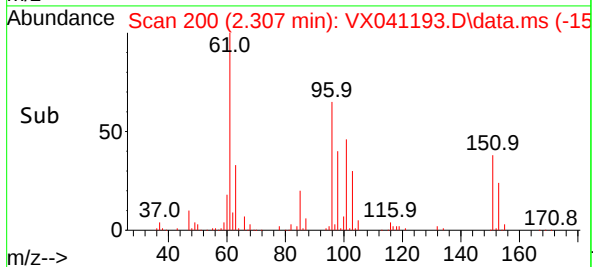
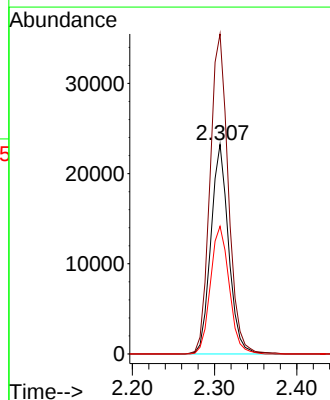
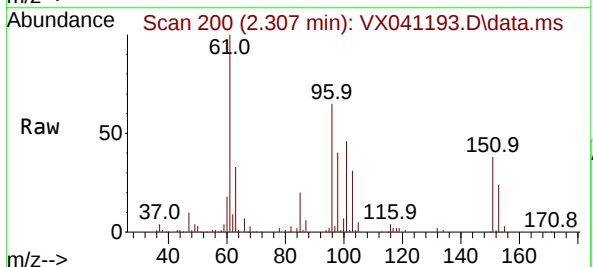
Tgt Ion: 96 Resp: 34800

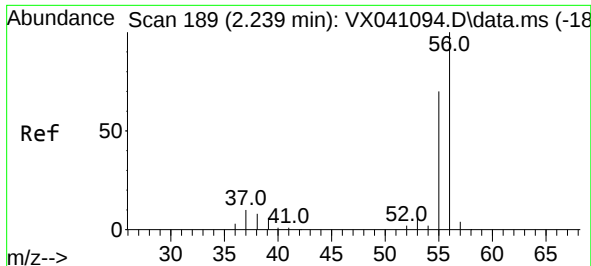
Ion Ratio Lower Upper

96 100

61 152.7 144.6 216.8

98 60.9 50.4 75.6





#13

Acrolein

Concen: 93.198 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 56 Resp: 46349

Ion Ratio Lower Upper

56 100

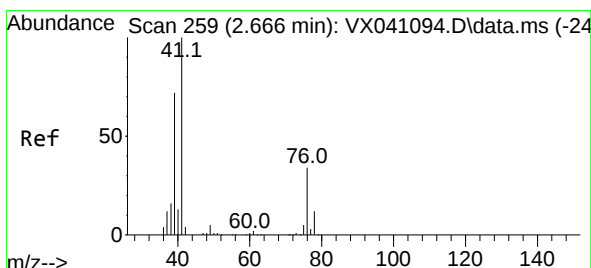
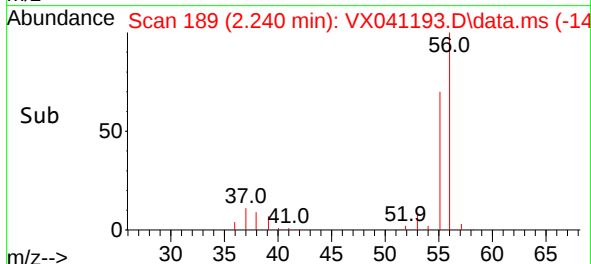
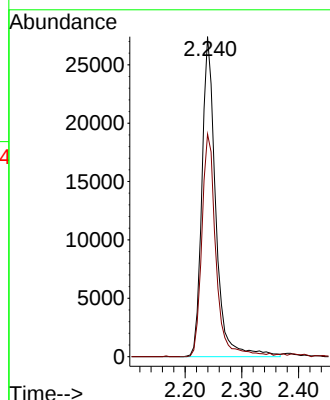
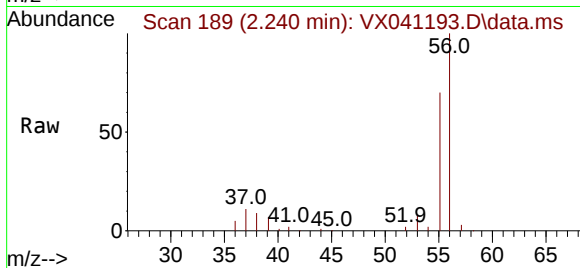
55 71.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 18.845 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

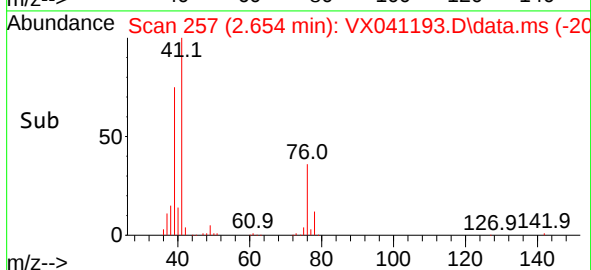
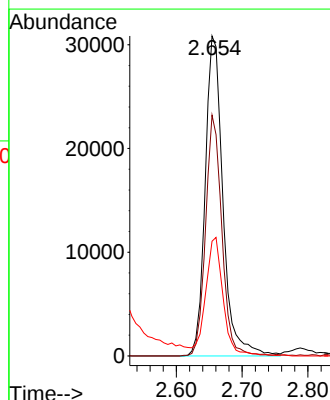
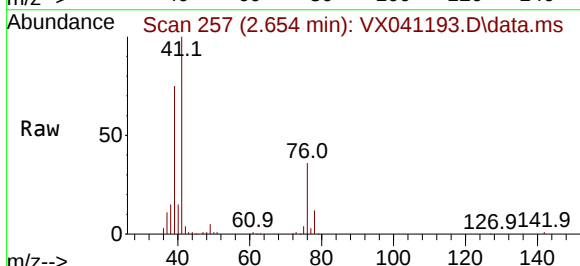
Tgt Ion: 41 Resp: 57999

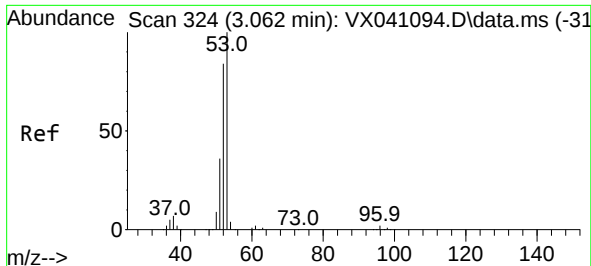
Ion Ratio Lower Upper

41 100

39 69.1 55.8 83.6

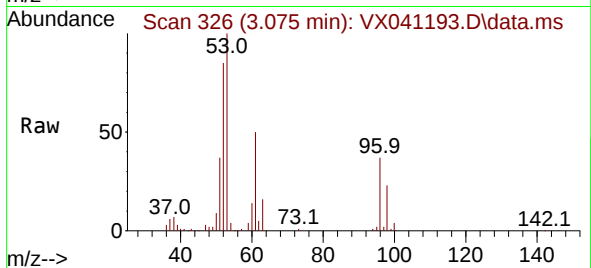
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 98.398 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

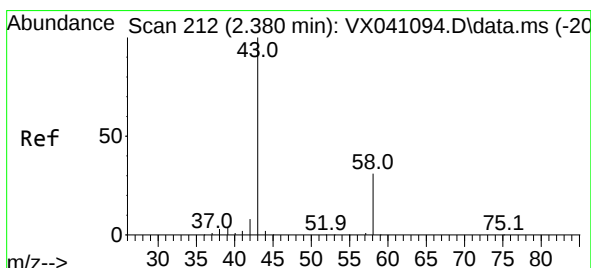
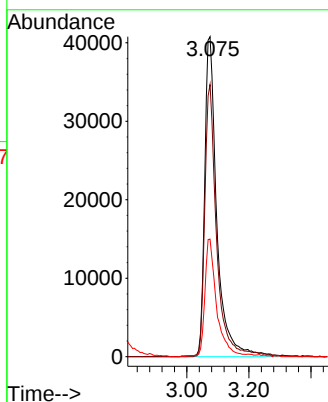
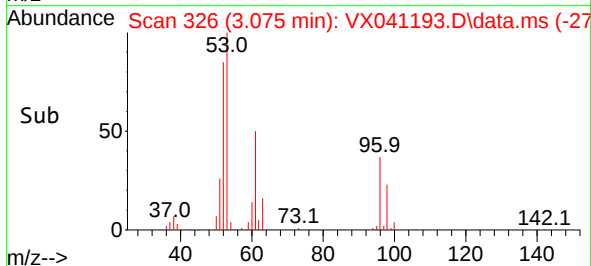
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 53 Resp: 111468
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 35.6 29.8 44.6

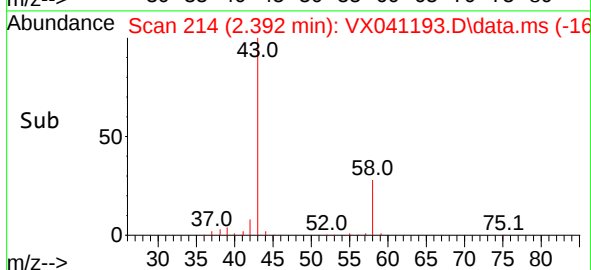
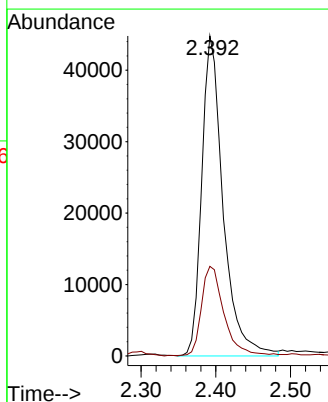
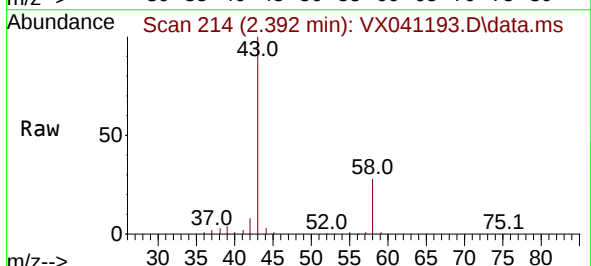
Manual Integrations
APPROVED

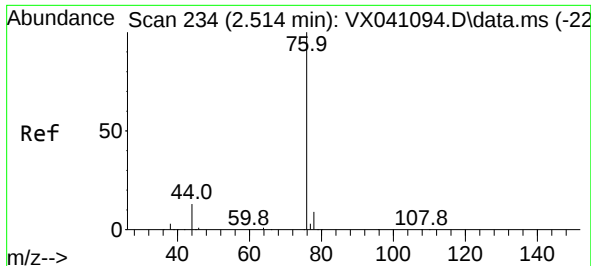
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#16
Acetone
Concen: 98.915 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 43 Resp: 89097
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9





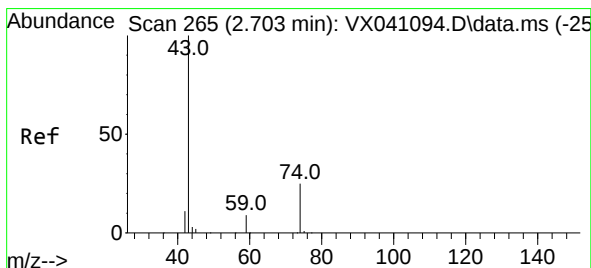
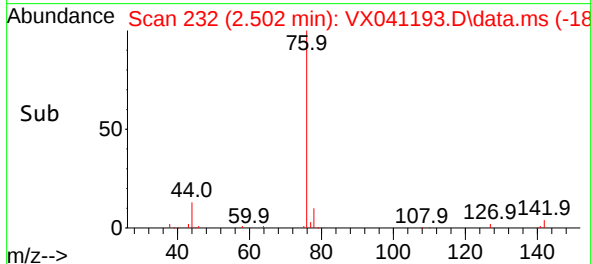
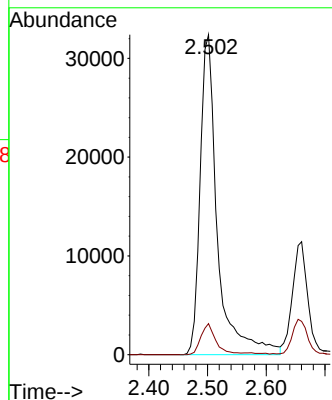
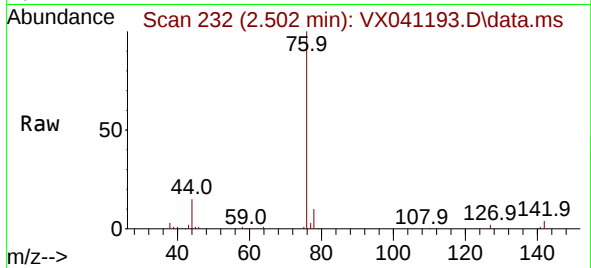
#17
Carbon Disulfide
Concen: 16.680 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 76 Resp: 66012
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

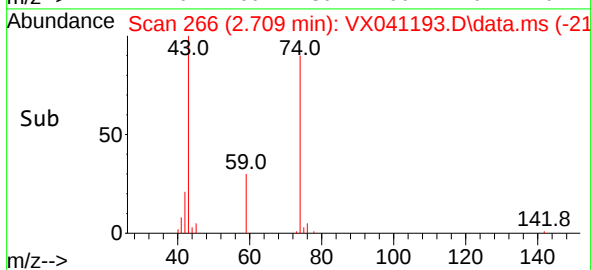
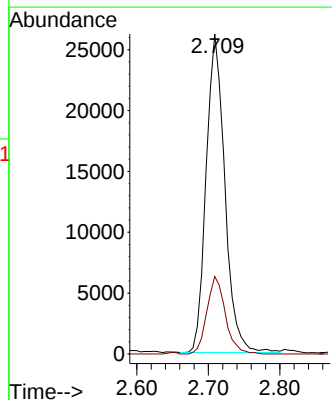
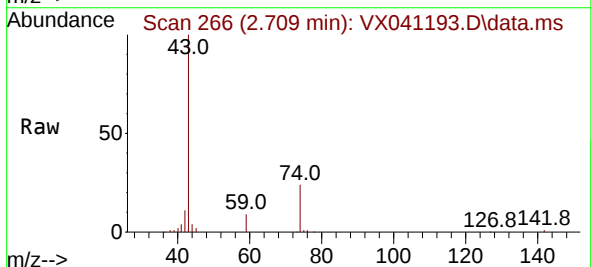
Manual Integrations
APPROVED

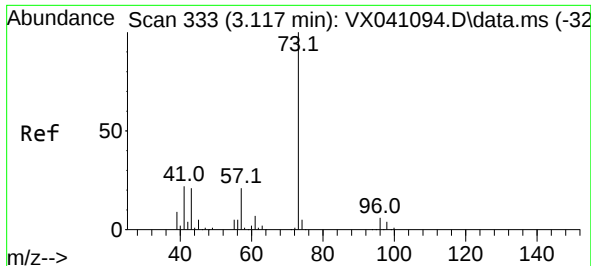
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#18
Methyl Acetate
Concen: 17.860 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

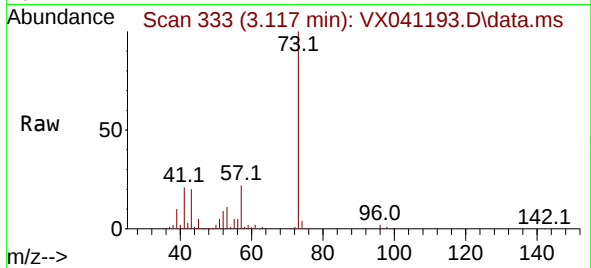
Tgt Ion: 43 Resp: 47588
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.911 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

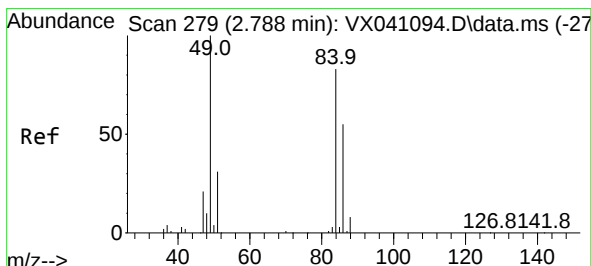
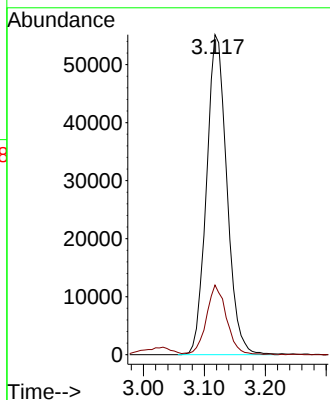
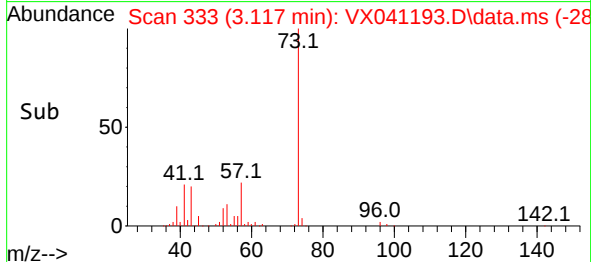
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 73 Resp: 12807
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

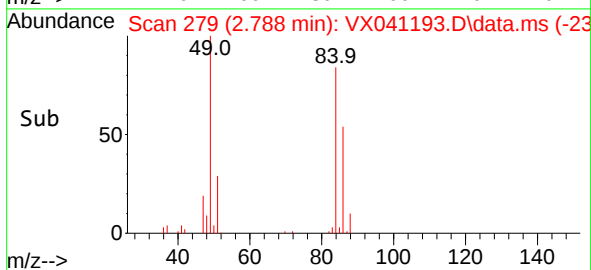
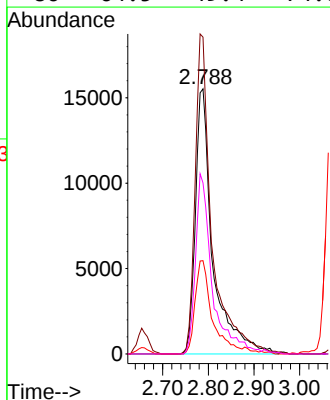
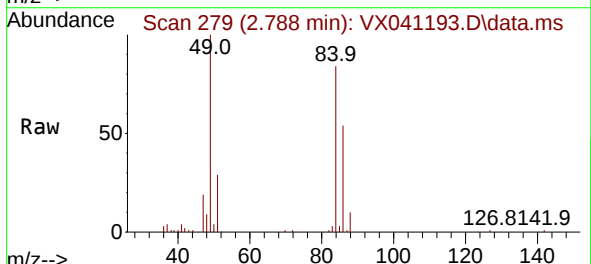
Manual Integrations
APPROVED

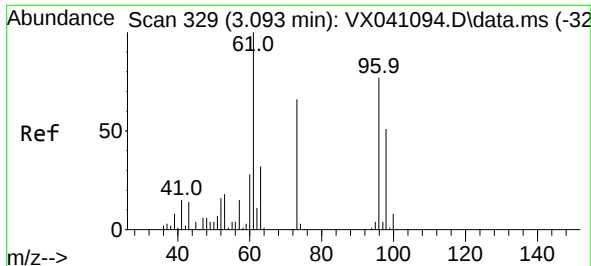
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 18.758 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

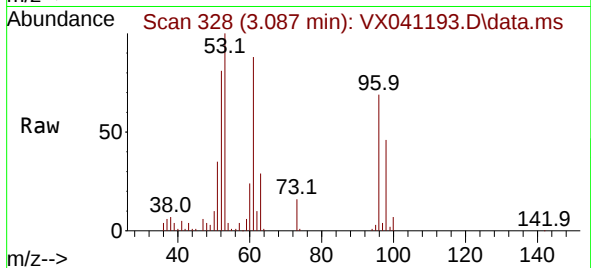
Tgt Ion: 84 Resp: 41265
Ion Ratio Lower Upper
84 100
49 119.5 103.6 155.4
51 35.2 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.141 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

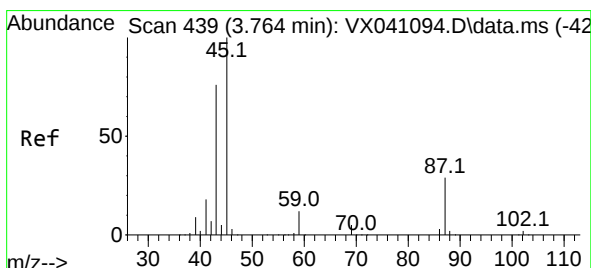
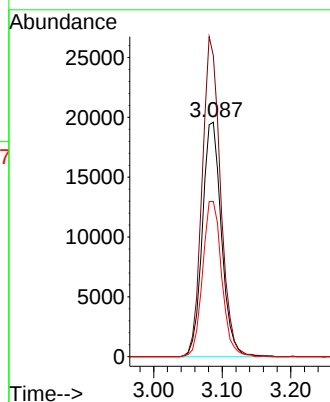
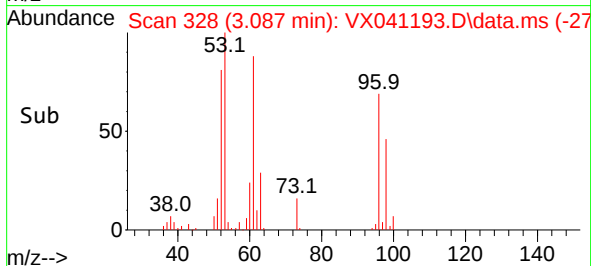
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 96 Resp: 37979
Ion Ratio Lower Upper
96 100
61 128.5 119.2 178.8
98 66.2 48.7 73.1

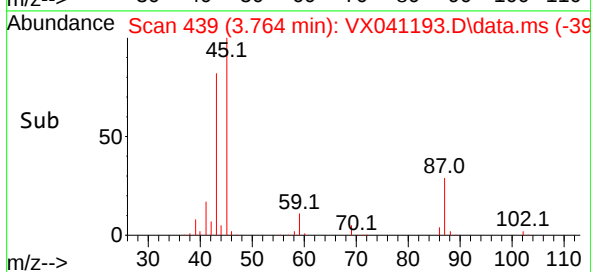
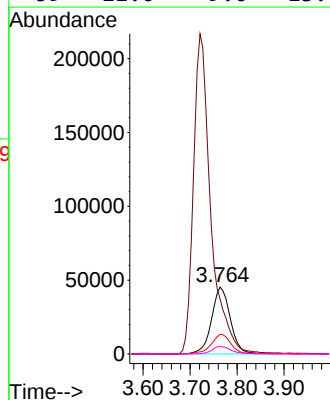
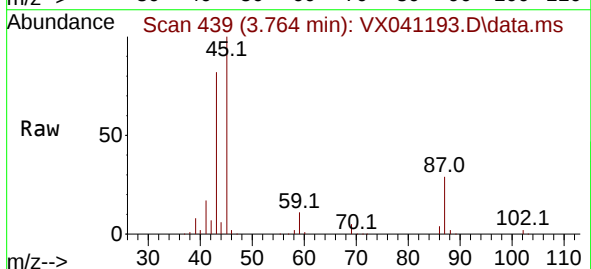
Manual Integrations
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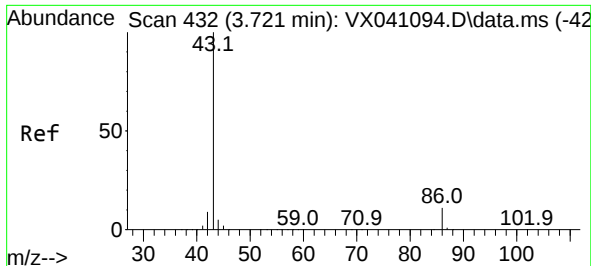
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#22
Diisopropyl ether
Concen: 18.844 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 45 Resp: 125389
Ion Ratio Lower Upper
45 100
43 81.3 69.7 104.5
87 29.3 20.8 31.2
59 11.0 9.0 13.4





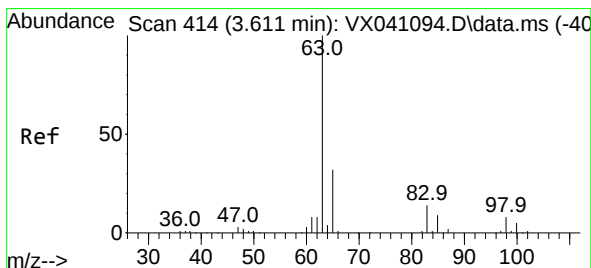
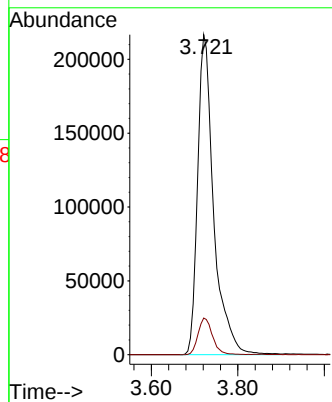
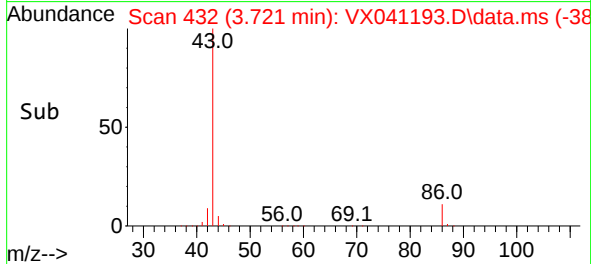
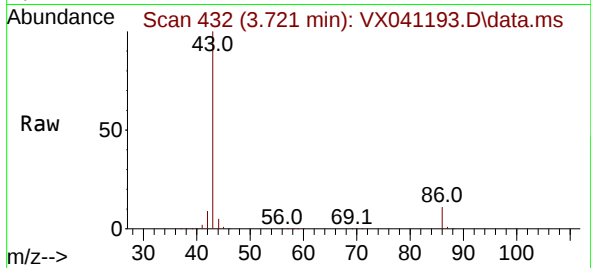
#23
 Vinyl Acetate
 Concen: 97.998 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041193.D
 Acq: 22 Apr 2024 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tgt Ion: 43 Resp: 55786
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

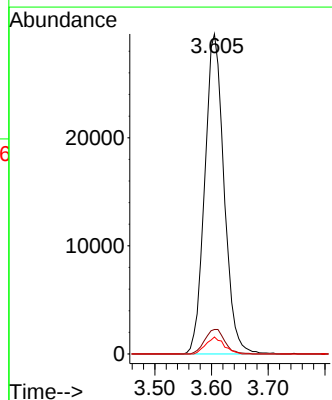
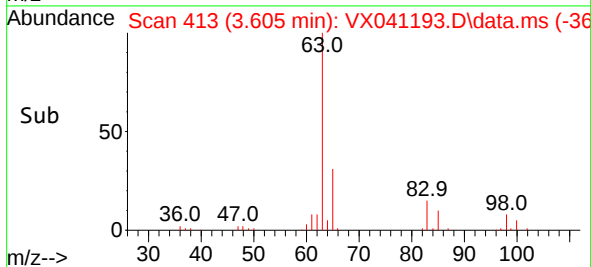
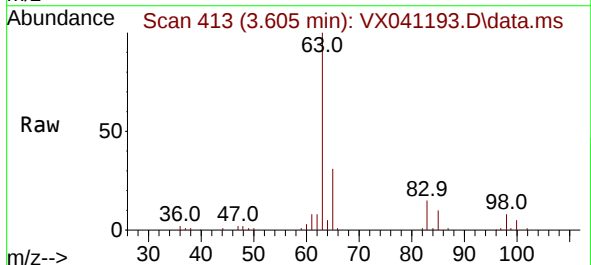
Manual Integrations
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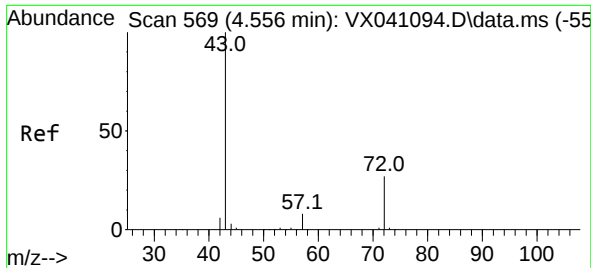
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#24
 1,1-Dichloroethane
 Concen: 18.770 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041193.D
 Acq: 22 Apr 2024 16:31

Tgt Ion: 63 Resp: 69816
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 5.3 2.1 6.5





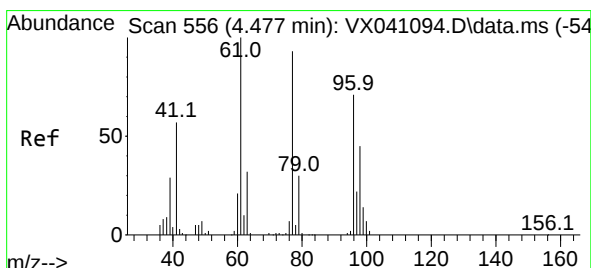
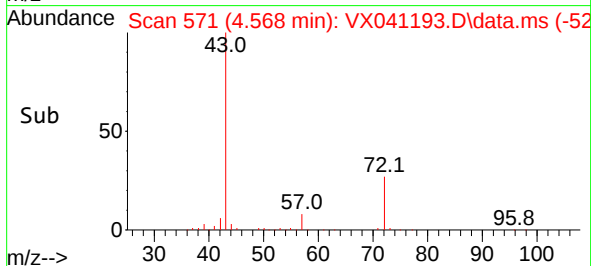
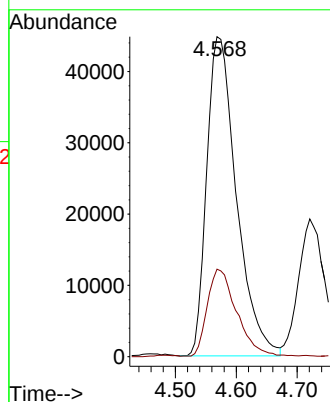
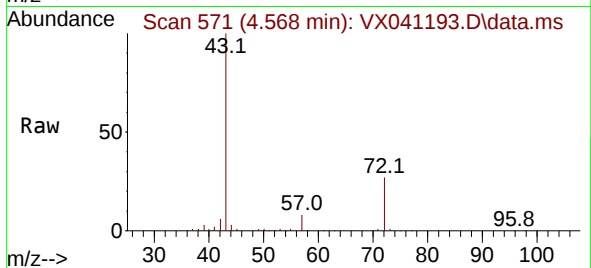
#25
2-Butanone
Concen: 98.665 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 43 Resp: 15177
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

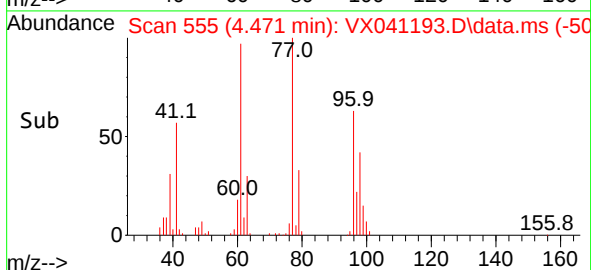
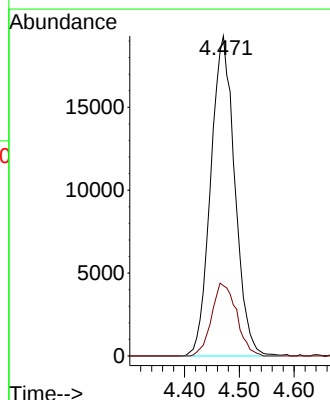
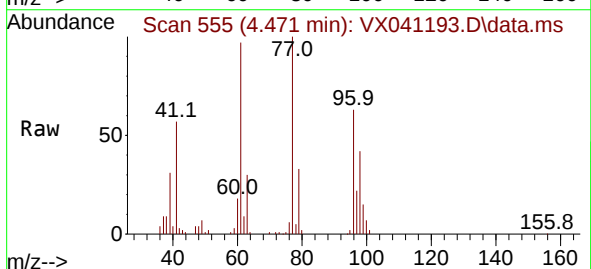
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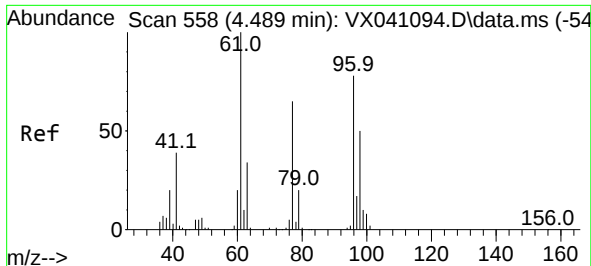
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#26
2,2-Dichloropropane
Concen: 18.737 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 77 Resp: 58903
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.427 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 96 Resp: 4781

Ion Ratio Lower Upper

96 100

61 136.5 0.0 312.2

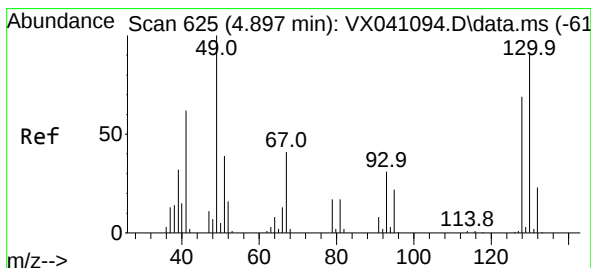
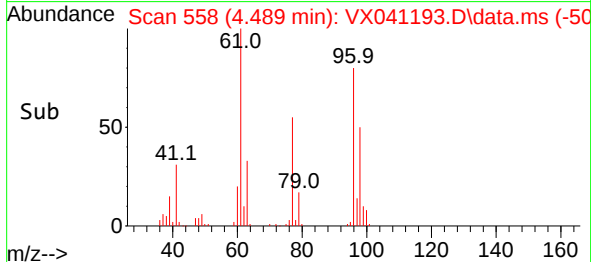
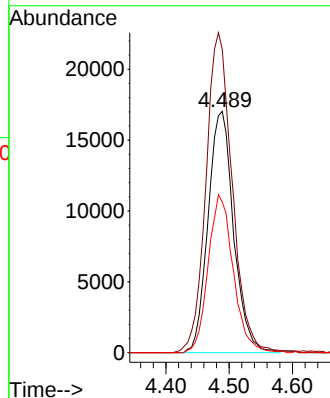
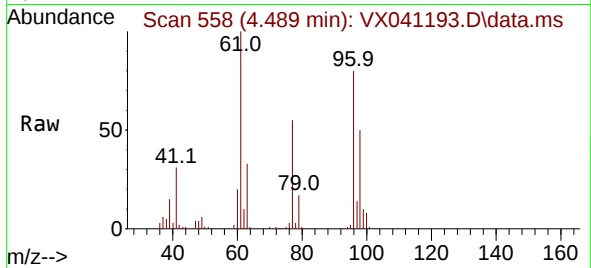
98 64.1 0.0 129.0

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 16.050 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

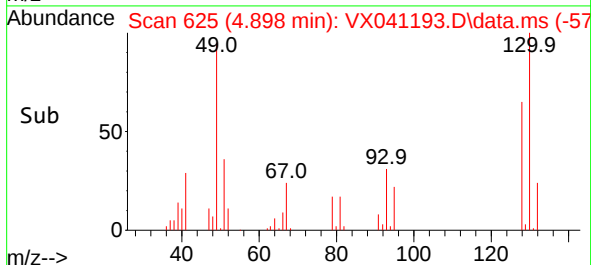
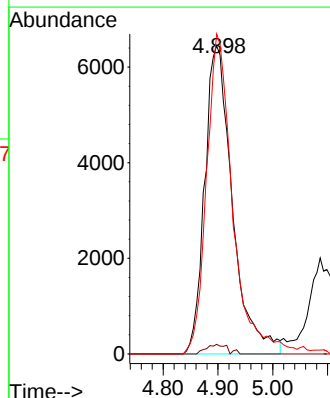
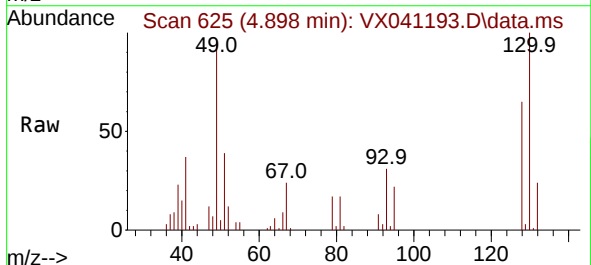
Tgt Ion: 49 Resp: 22655

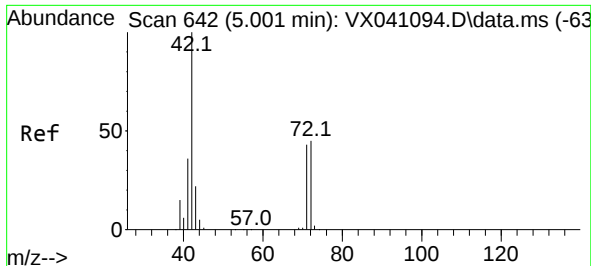
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 97.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 96.487 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

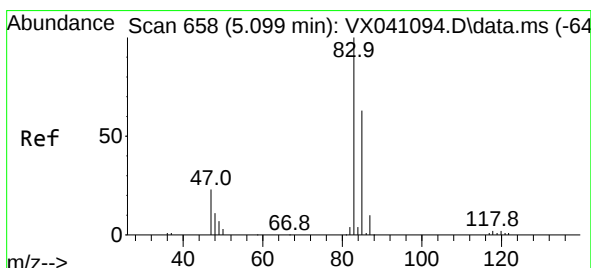
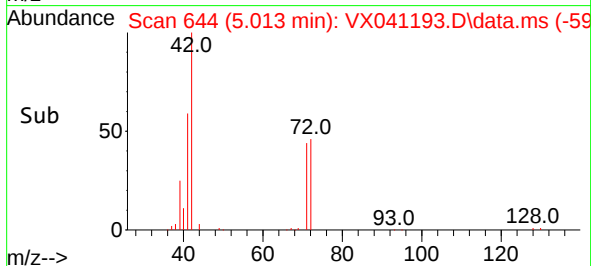
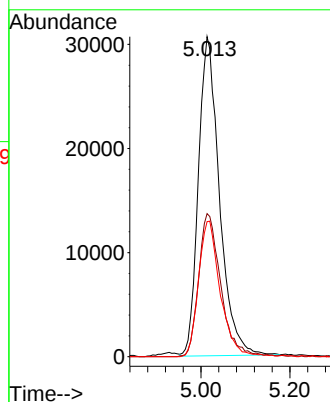
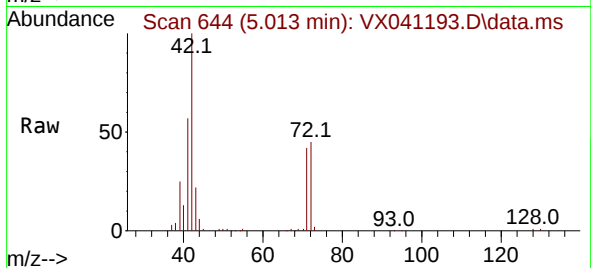
Tgt Ion: 42 Resp: 101110
 Ion Ratio Lower Upper
 42 100
 72 46.9 34.2 51.4
 71 43.8 32.2 48.2

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 18.757 ug/l

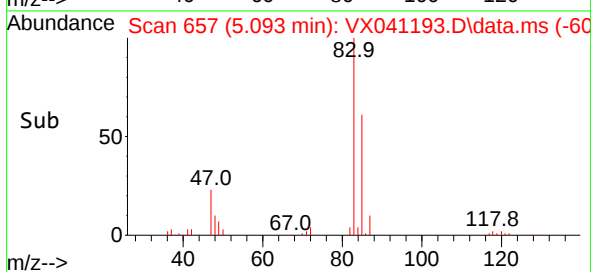
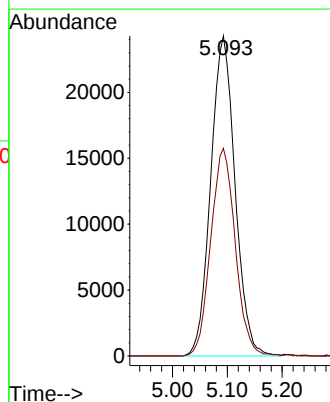
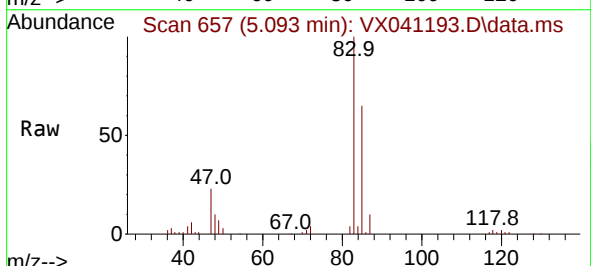
RT: 5.093 min Scan# 657

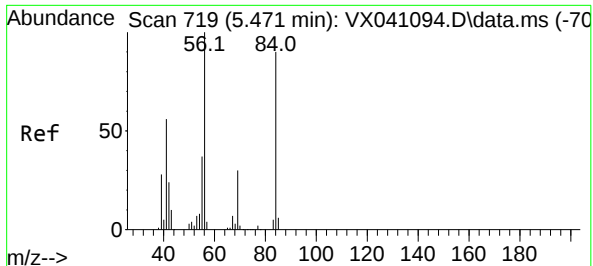
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

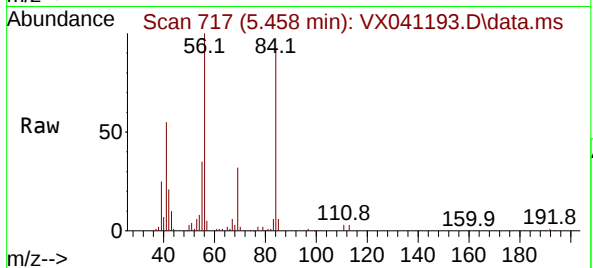
Tgt Ion: 83 Resp: 74887
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.3 75.5





#31
Cyclohexane
Concen: 18.226 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

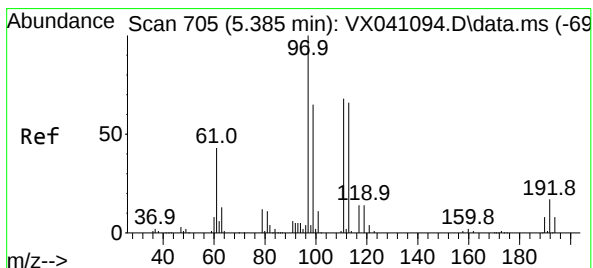
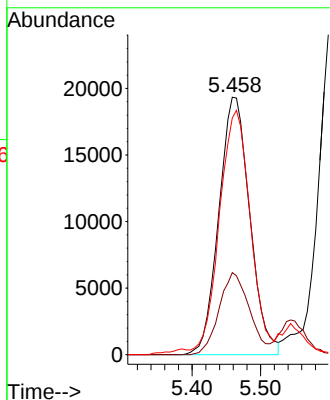
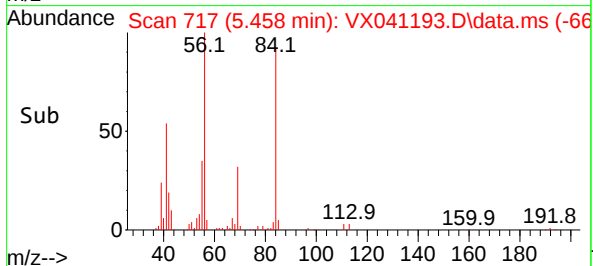
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 56 Resp: 6070
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 90.0 65.9 98.9

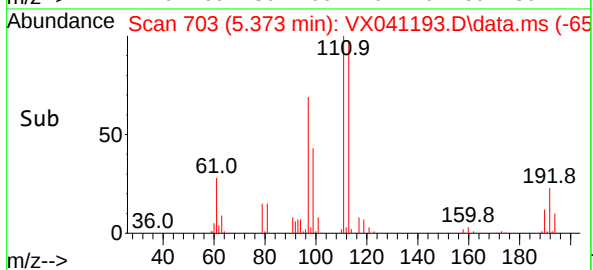
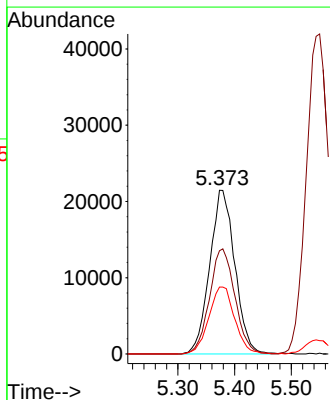
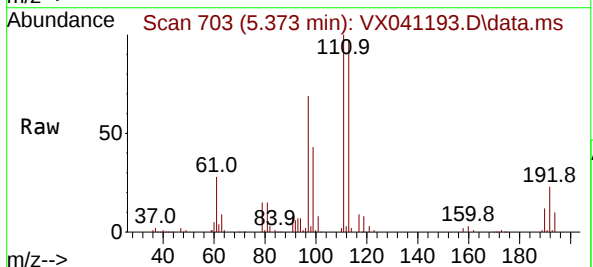
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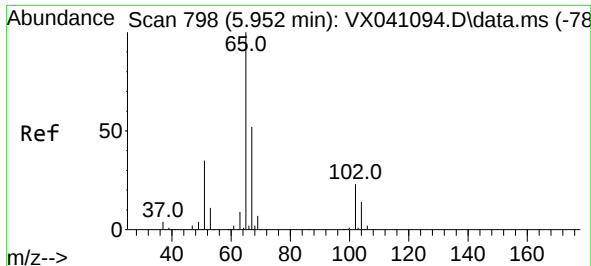
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 18.491 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 97 Resp: 66179
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 42.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.763 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 65 Resp: 118194

Ion Ratio Lower Upper

65 100

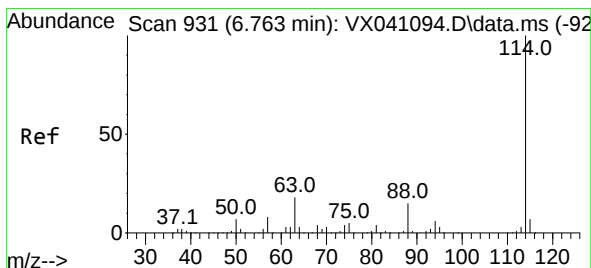
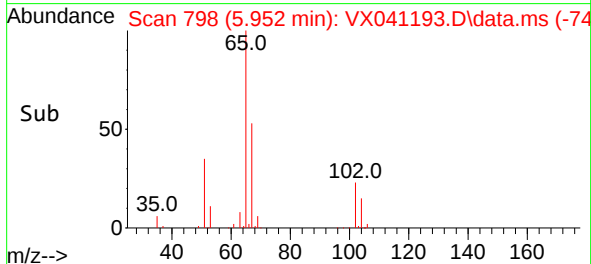
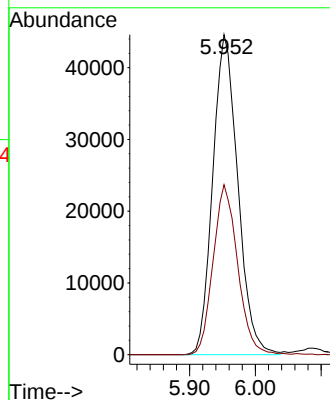
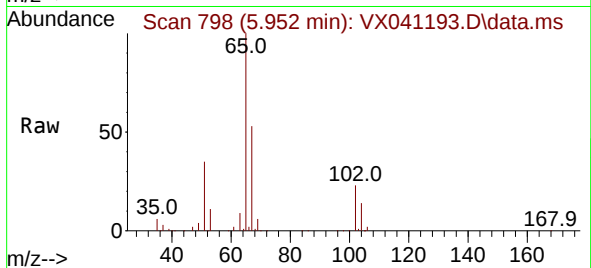
67 52.0 0.0 100.2

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

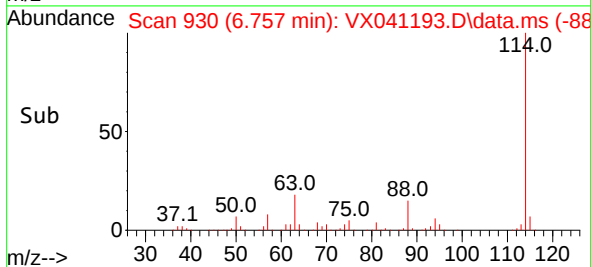
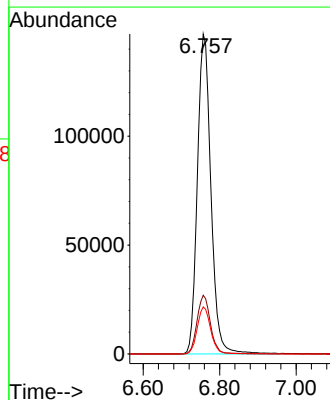
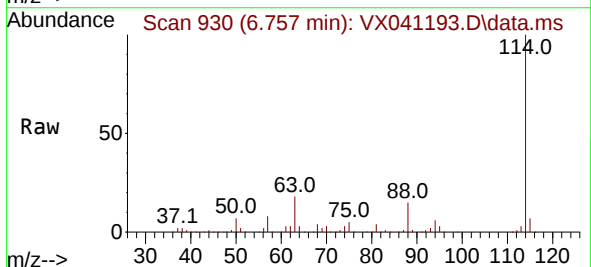
Tgt Ion:114 Resp: 360994

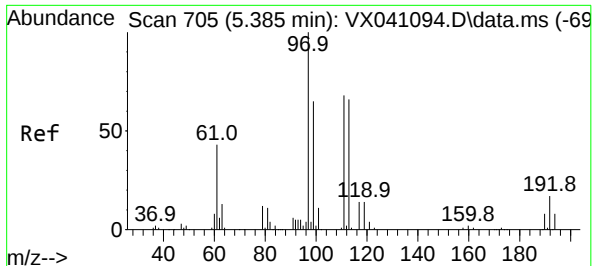
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

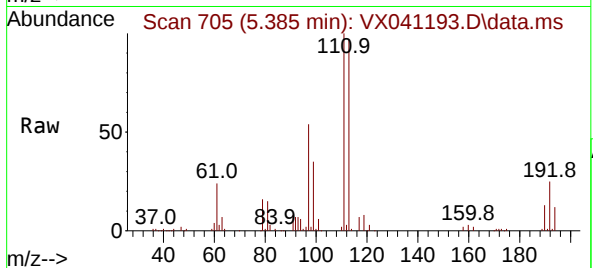
88 14.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

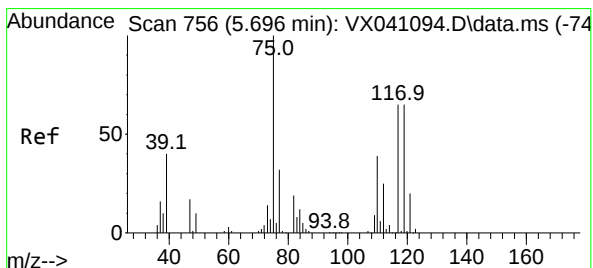
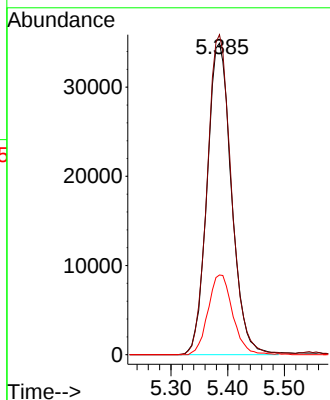
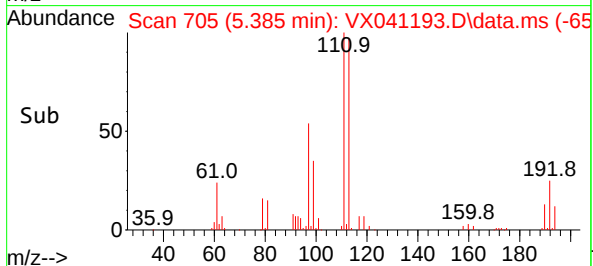
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 113 Resp: 10423
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.8 13.3 19.9

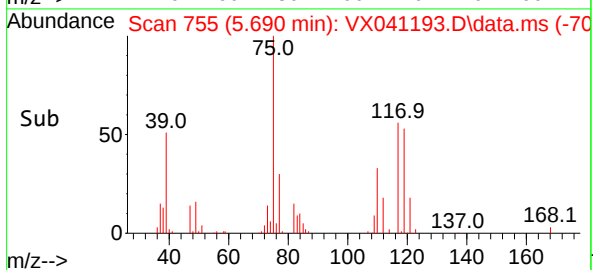
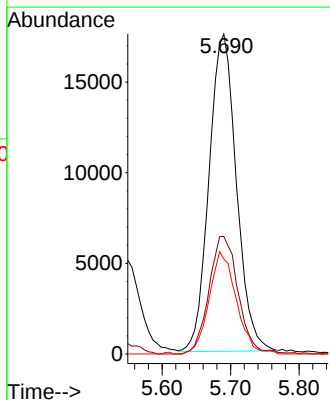
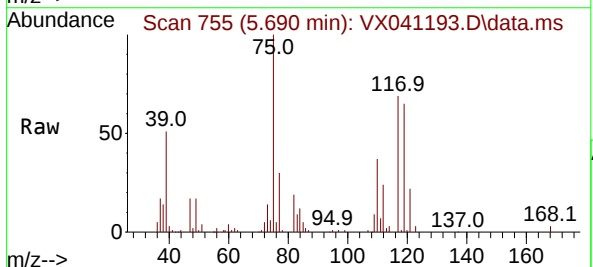
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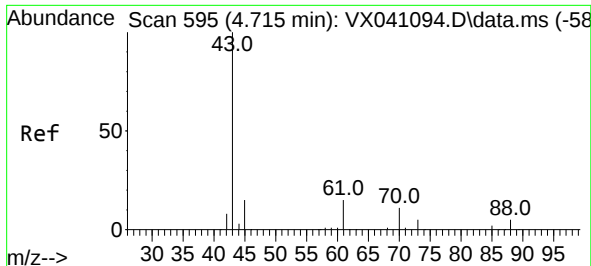
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#36
1,1-Dichloropropene
Concen: 17.311 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 75 Resp: 48638
Ion Ratio Lower Upper
75 100
110 39.4 17.0 50.9
77 31.9 24.7 37.1





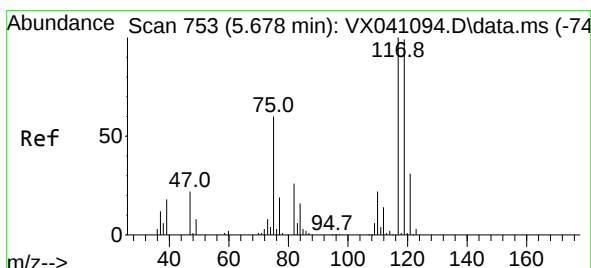
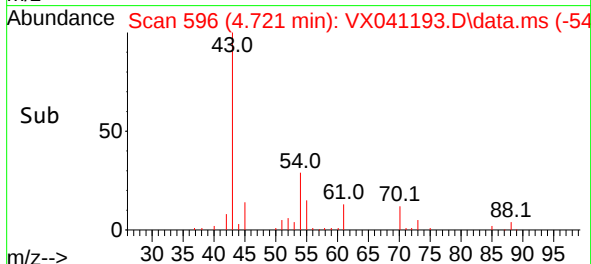
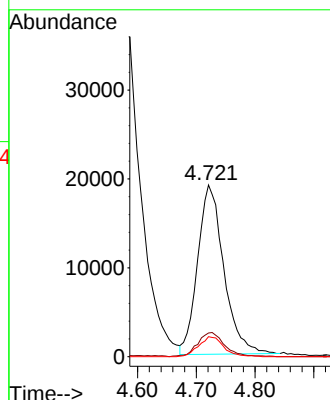
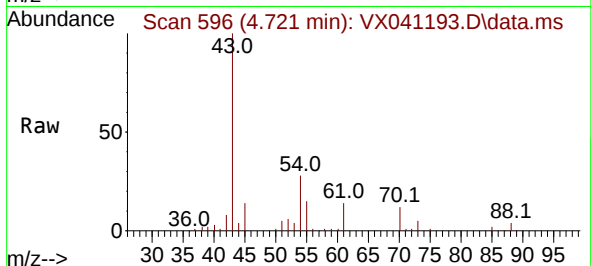
#37
Ethyl Acetate
Concen: 19.169 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 43 Resp: 5909
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 11.3 8.3 12.5

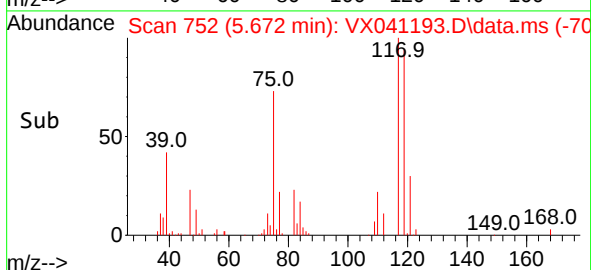
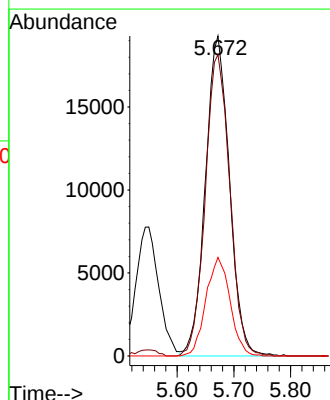
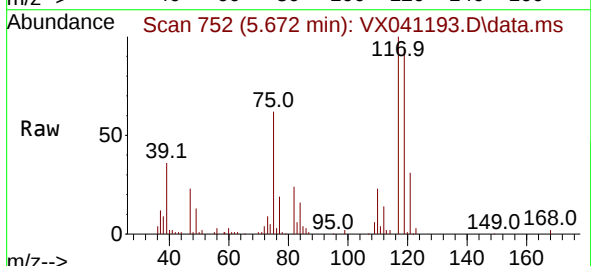
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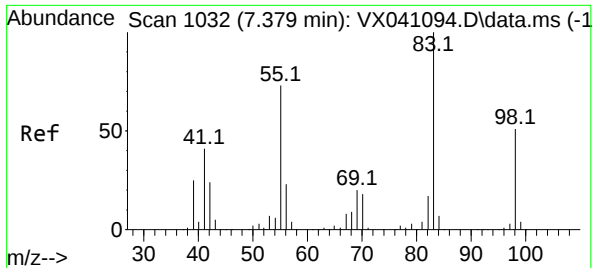
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#38
Carbon Tetrachloride
Concen: 18.132 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion:117 Resp: 56902
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 17.799 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

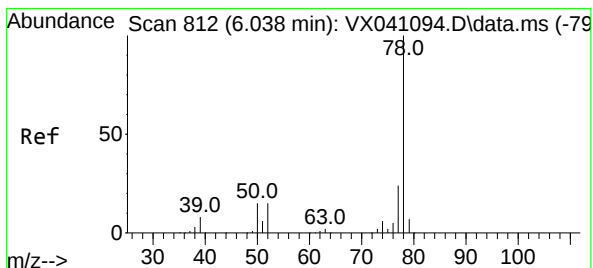
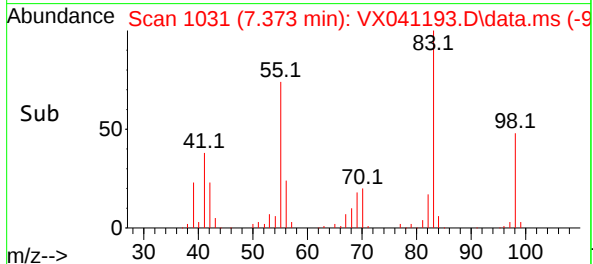
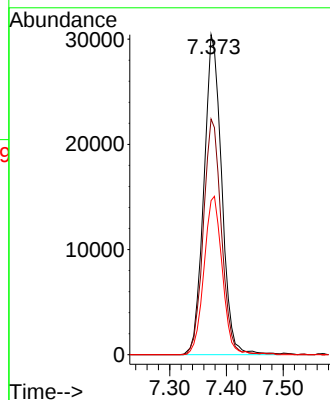
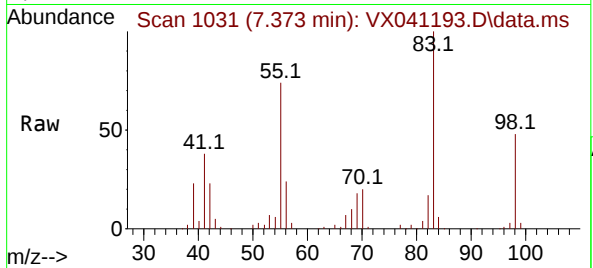
Tgt Ion: 83 Resp: 66332
 Ion Ratio Lower Upper
 83 100
 55 73.6 64.6 97.0
 98 48.1 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#40

Benzene

Concen: 18.216 ug/l

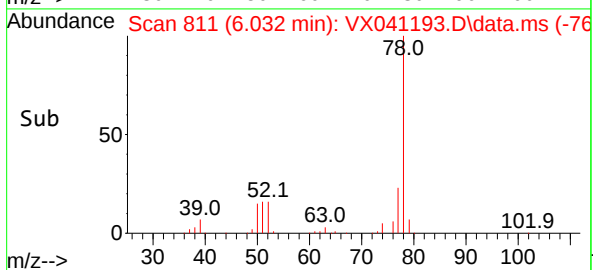
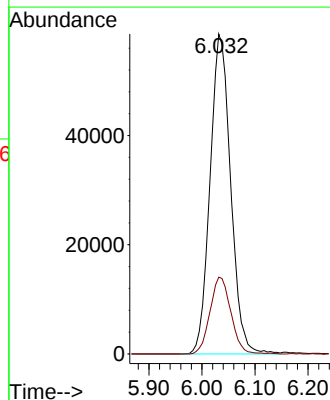
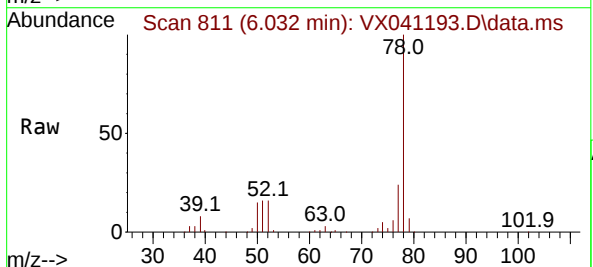
RT: 6.032 min Scan# 811

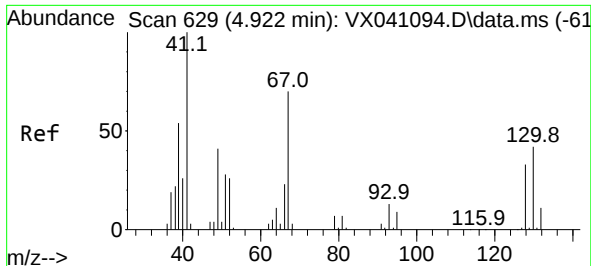
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion: 78 Resp: 158066
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.3 28.9





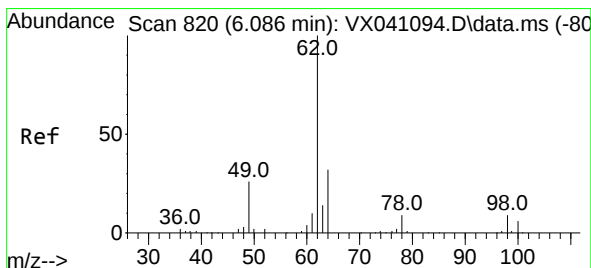
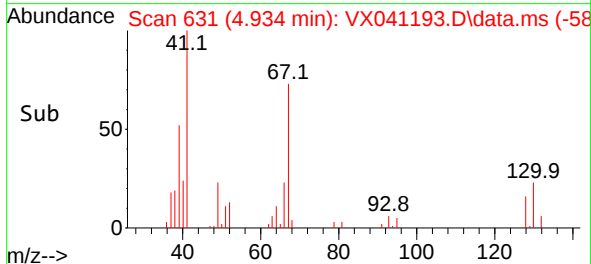
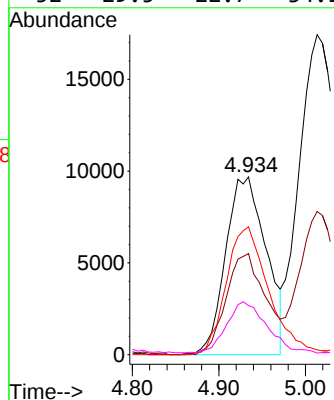
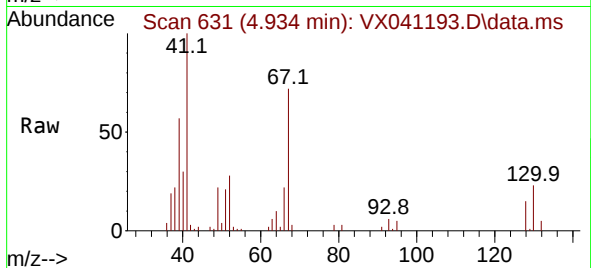
#41
Methacrylonitrile
Concen: 19.661 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 41	Resp: 3155
Ion Ratio	Lower Upper
41	100
39	55.2 45.2 67.8
67	75.6 52.6 78.8
52	29.5 22.7 34.1

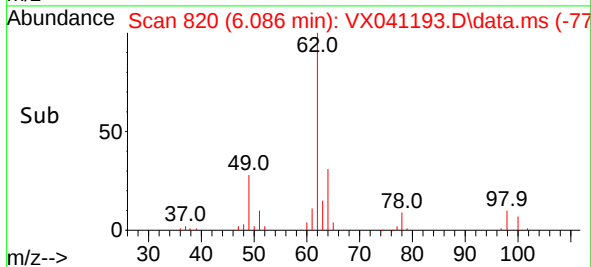
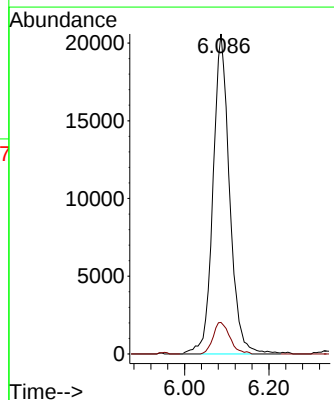
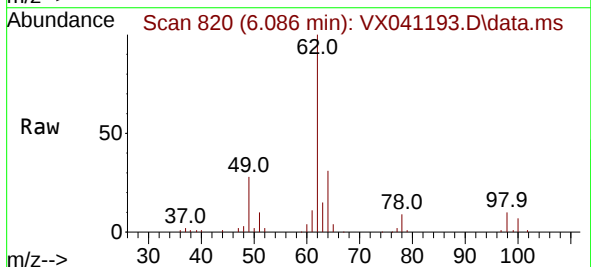
Manual Integrations
APPROVED

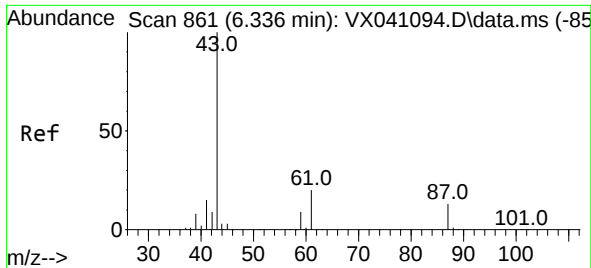
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 18.677 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 62	Resp: 56194
Ion Ratio	Lower Upper
62	100
98	10.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.537 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

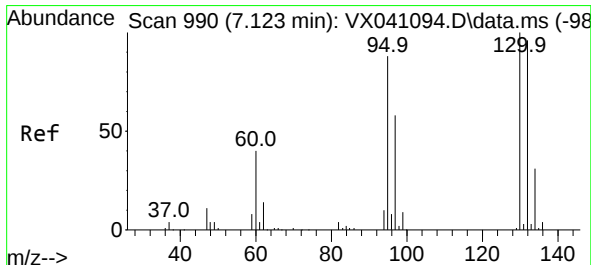
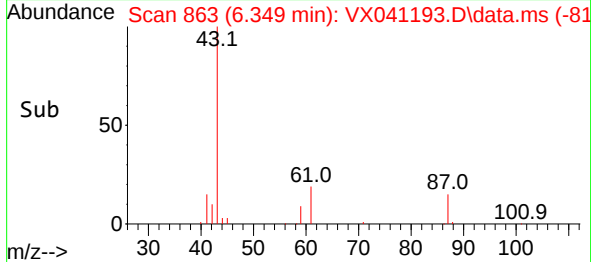
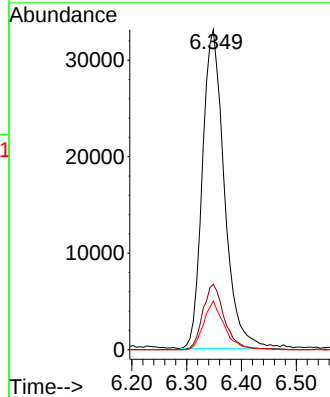
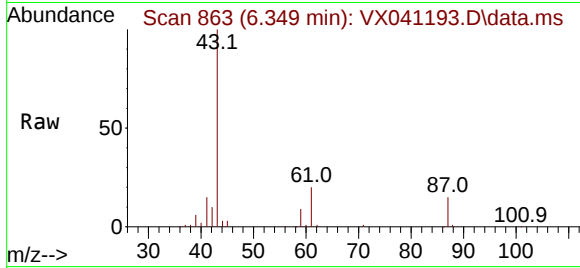
Tgt Ion: 43	Resp: 92050
Ion Ratio	Lower Upper
43 100	
61 20.3	15.2 22.8
87 14.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 18.020 ug/l

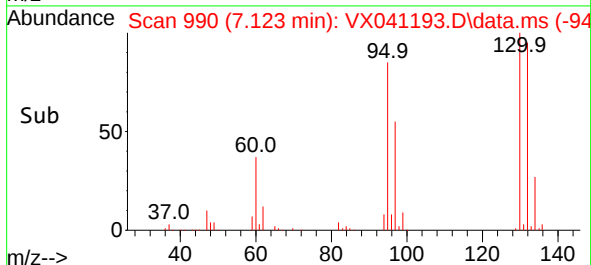
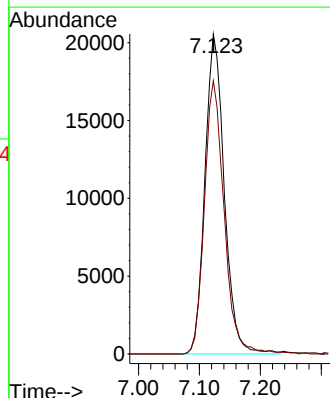
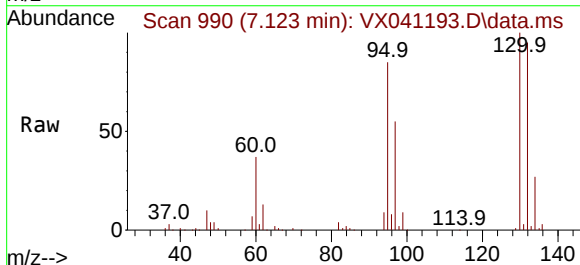
RT: 7.123 min Scan# 990

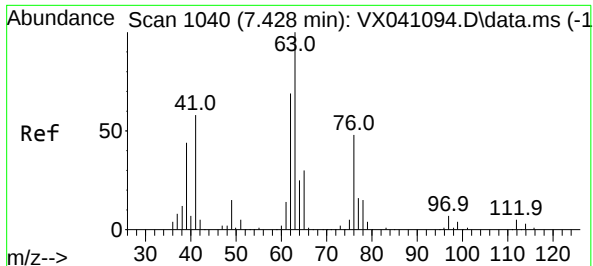
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion:130	Resp: 45460
Ion Ratio	Lower Upper
130 100	
95 85.4	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.192 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 63 Resp: 37850

Ion Ratio Lower Upper

63 100

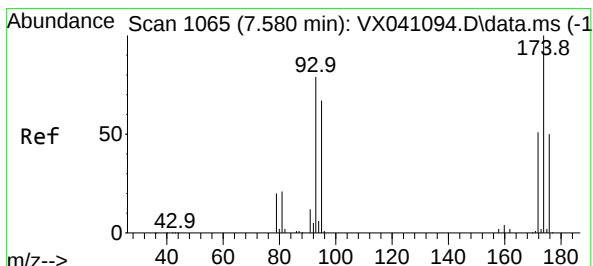
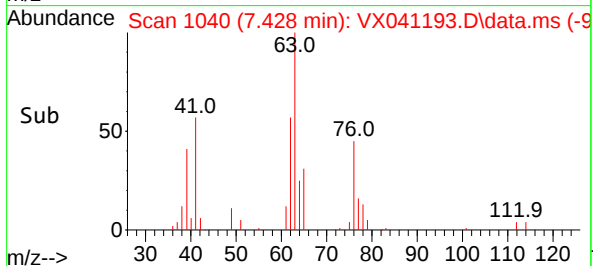
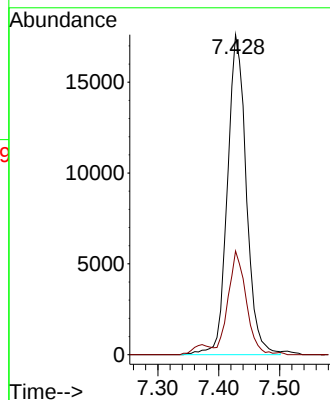
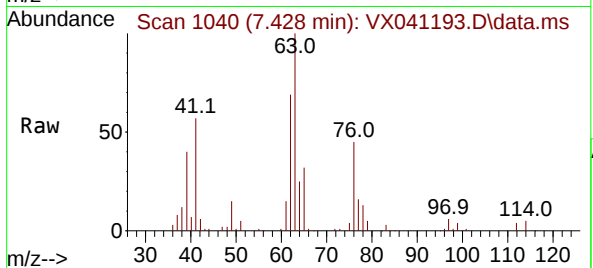
65 32.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 18.677 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

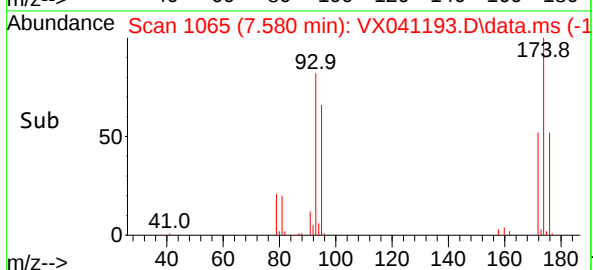
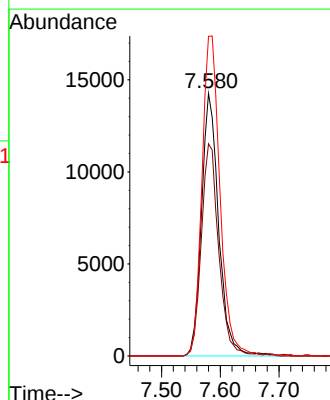
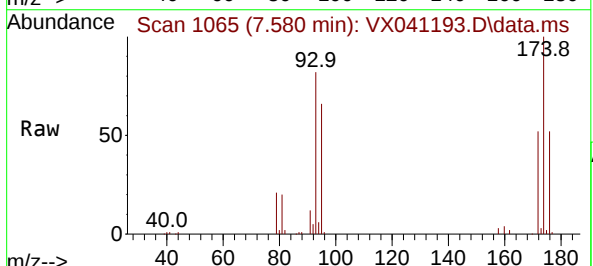
Tgt Ion: 93 Resp: 28975

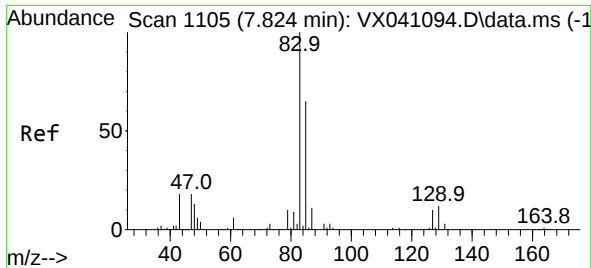
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

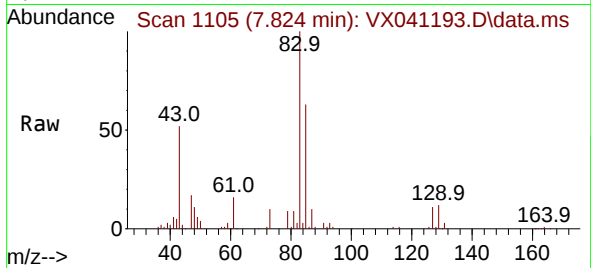
174 127.9 69.4 104.0#





#47
Bromodichloromethane
Concen: 18.263 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

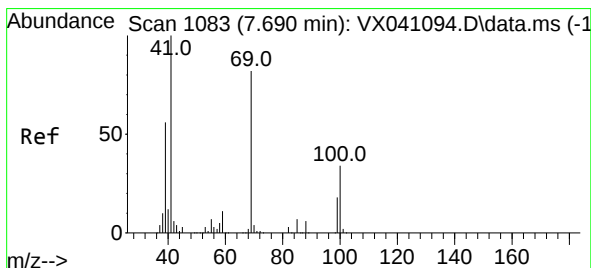
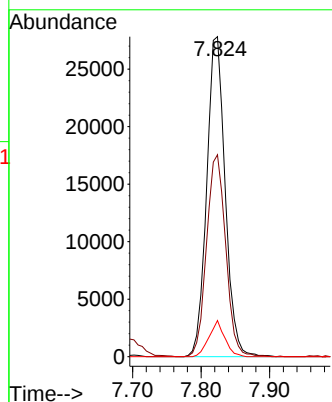
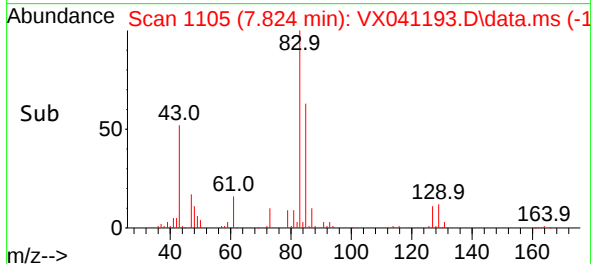
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 83 Resp: 52220
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 11.3 7.1 10.7

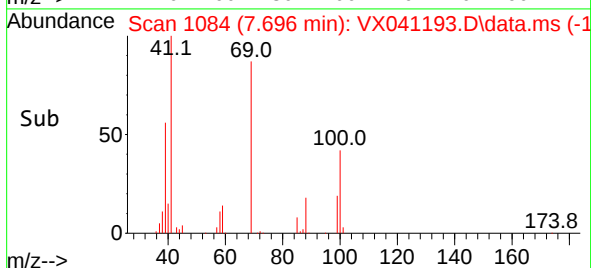
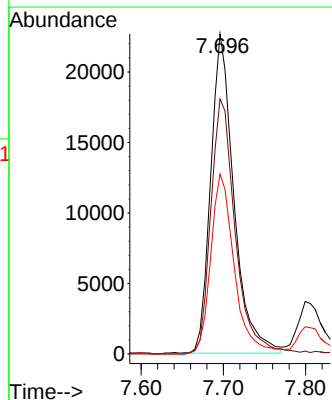
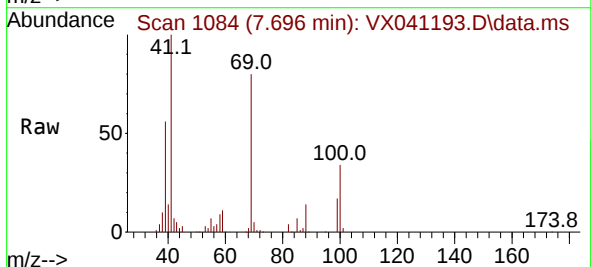
Manual Integrations
APPROVED

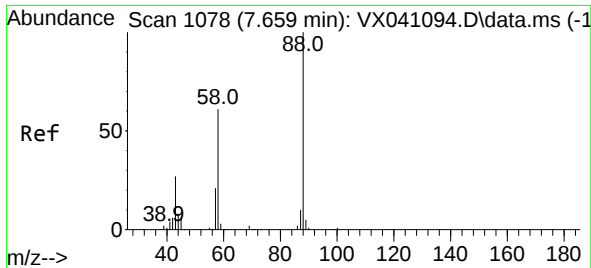
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 18.910 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

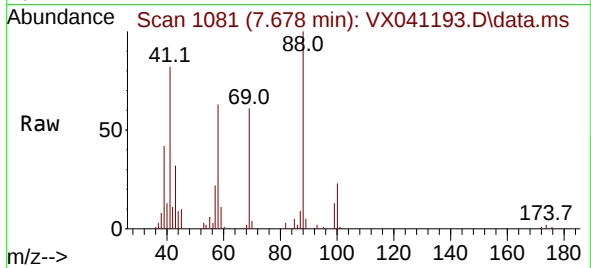
Tgt Ion: 41 Resp: 44414
Ion Ratio Lower Upper
41 100
69 84.1 59.2 88.8
39 57.4 47.7 71.5





#49
1,4-Dioxane
Concen: 330.362 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

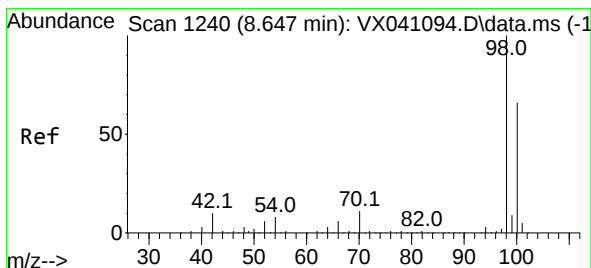
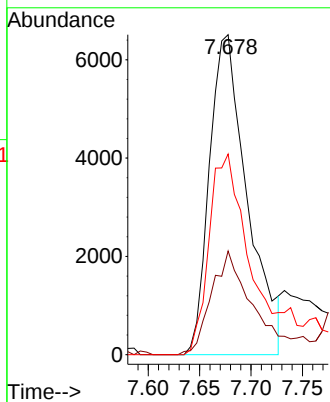
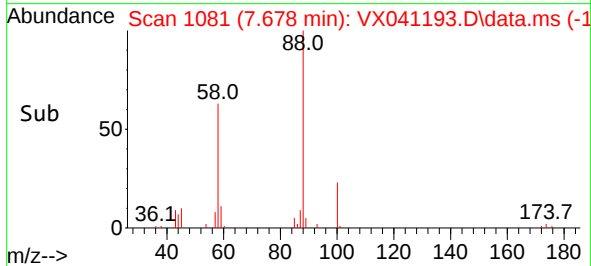
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
43 37.0 0.0 0.0
58 71.7 60.1 90.1

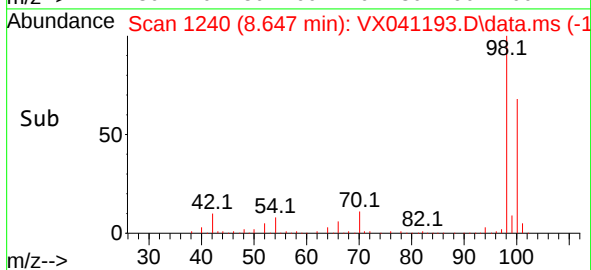
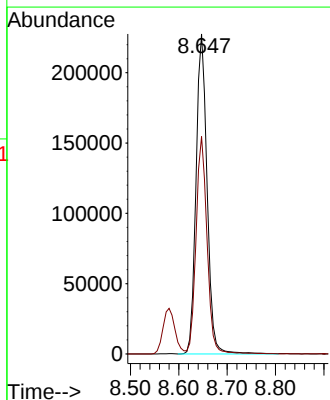
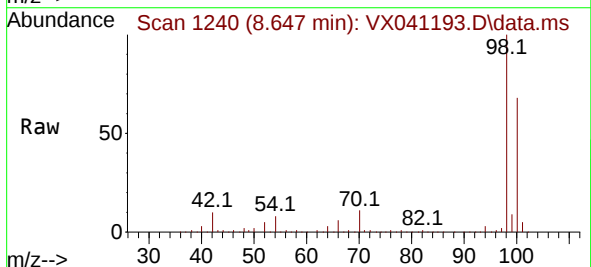
Manual Integrations
APPROVED

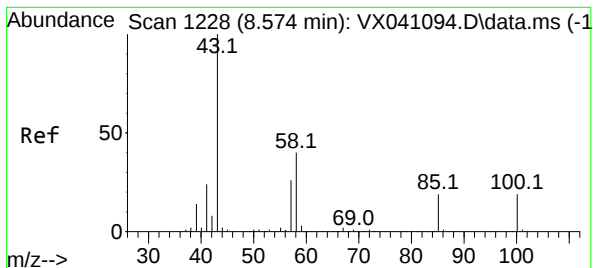
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#50
Toluene-d8
Concen: 48.639 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion: 98 Resp: 360347
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





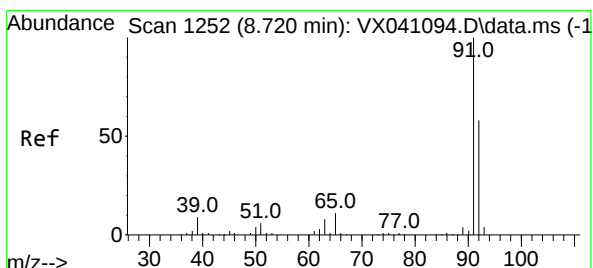
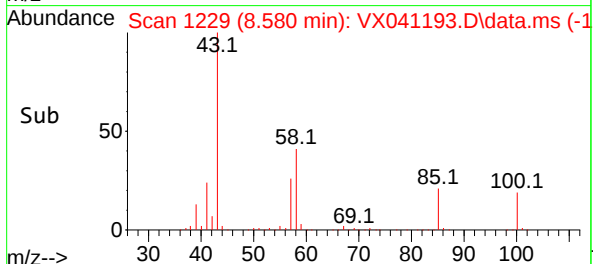
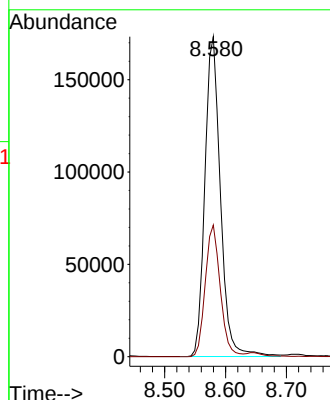
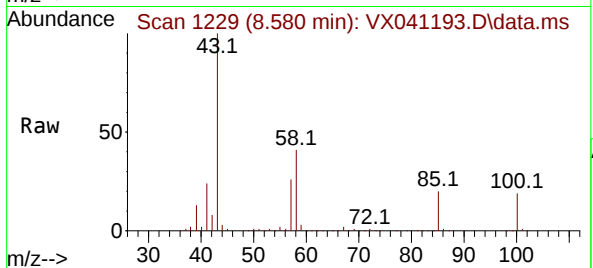
#51
4-Methyl-2-Pentanone
Concen: 98.995 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 43 Resp: 30769
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

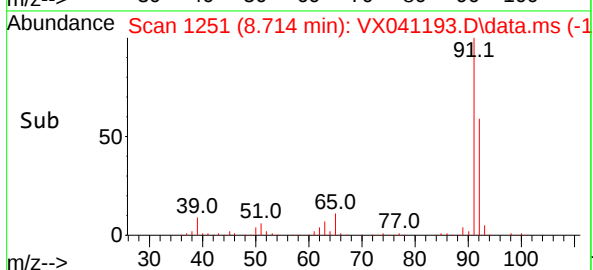
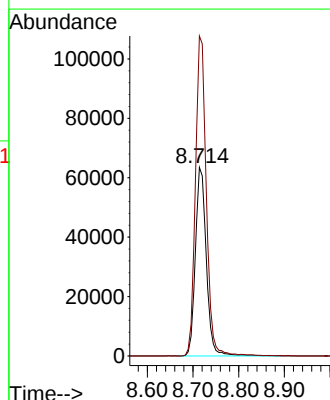
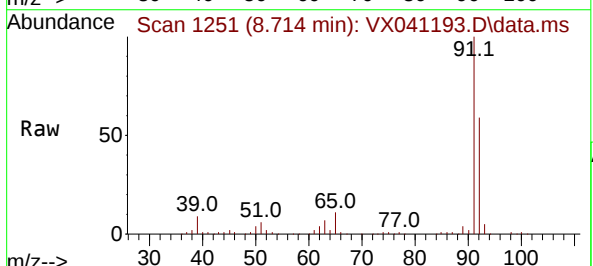
Manual Integrations
APPROVED

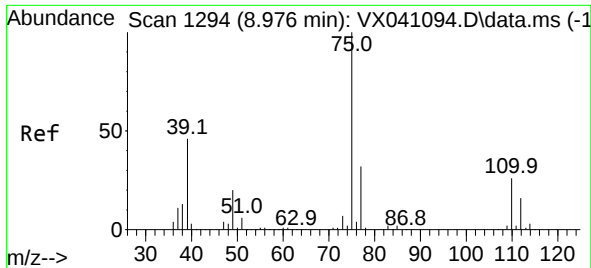
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 19.299 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

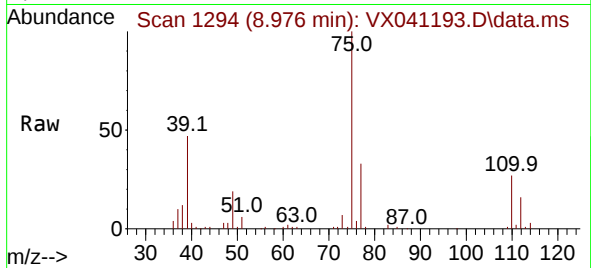
Tgt Ion: 92 Resp: 105524
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.837 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

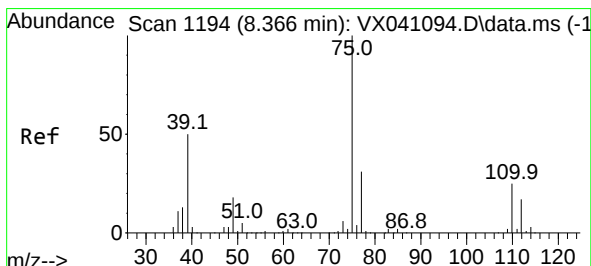
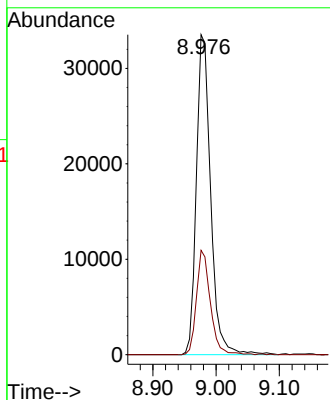
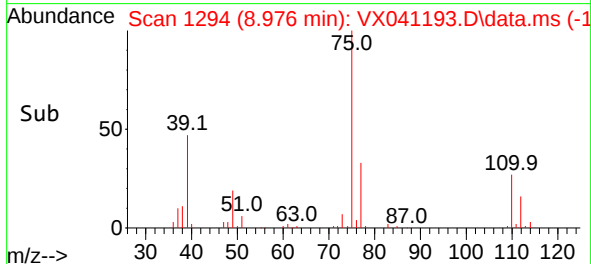
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



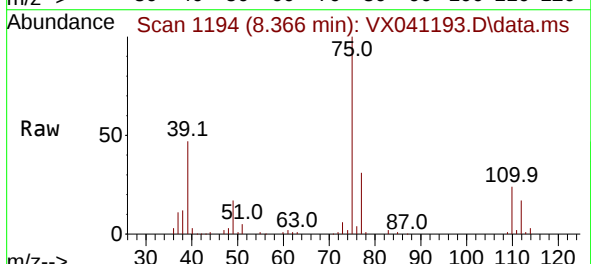
Tgt Ion: 75 Resp: 5283
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

Manual Integrations
APPROVED

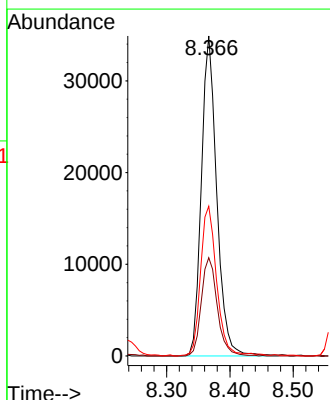
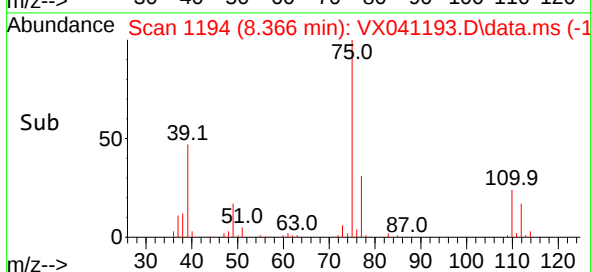
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

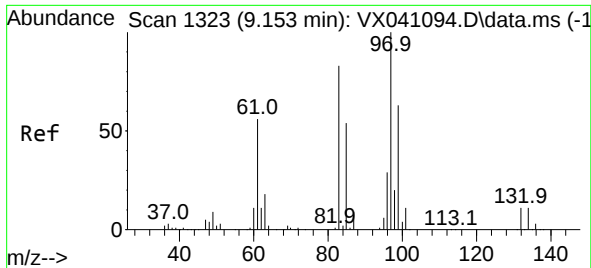


#54
cis-1,3-Dichloropropene
Concen: 18.536 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31



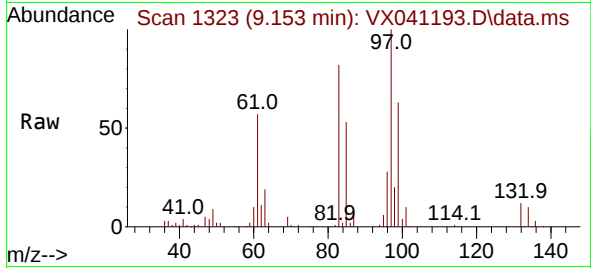
Tgt Ion: 75 Resp: 59108
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 46.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.634 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

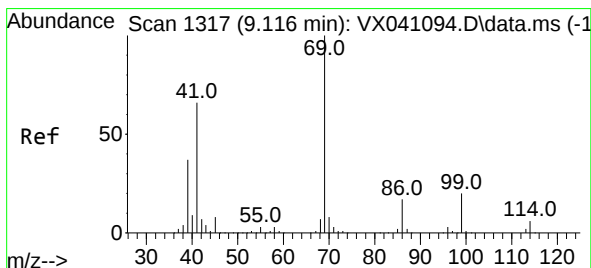
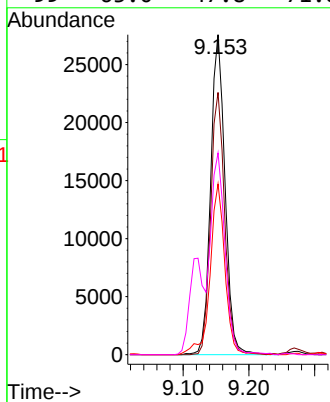
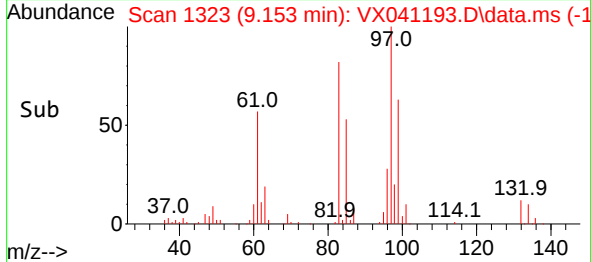
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.8	98.8
85	53.4	41.6	62.4
99	63.0	47.8	71.8

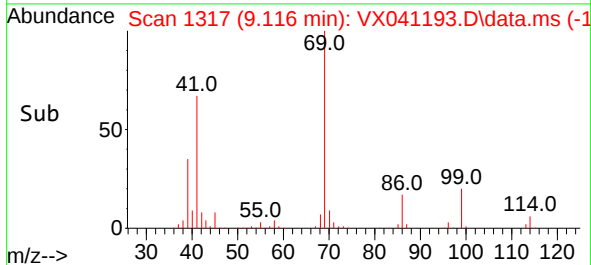
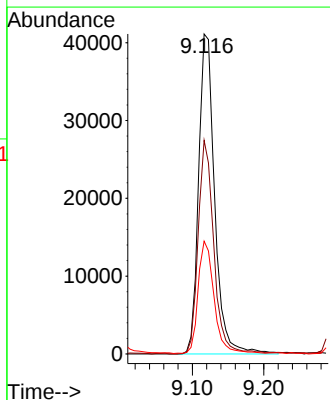
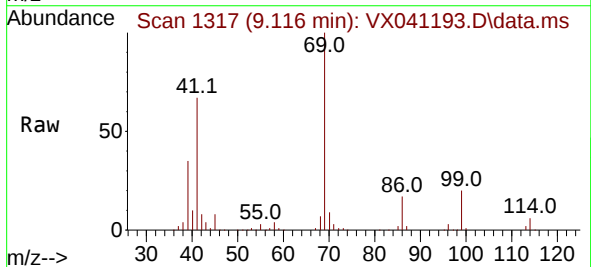
Manual Integrations
APPROVED

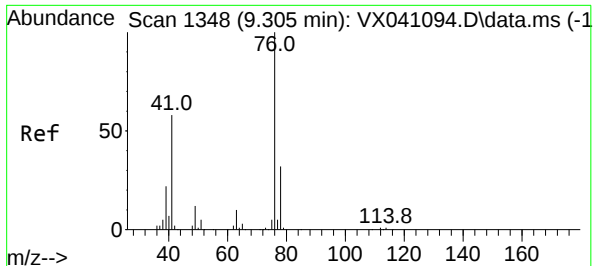
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#56
Ethyl methacrylate
Concen: 19.687 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	56.8	85.2
39	34.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.038 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion: 76 Resp: 67230

Ion Ratio Lower Upper

76 100

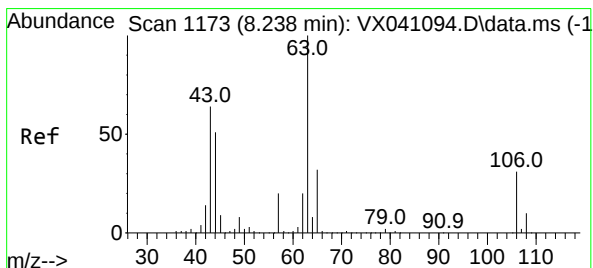
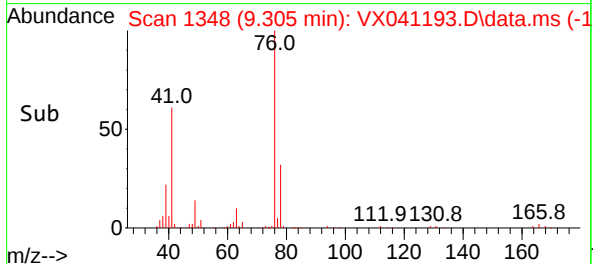
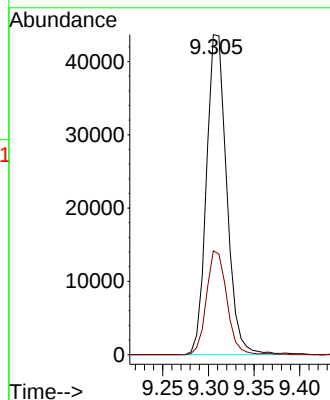
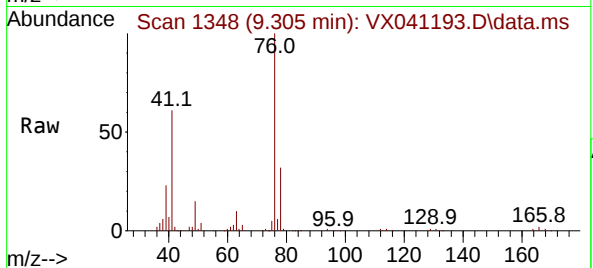
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 78.889 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041193.D

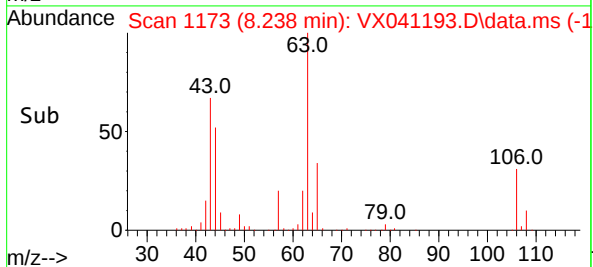
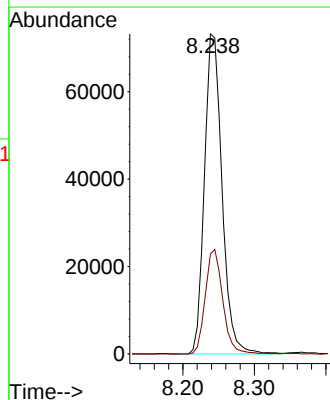
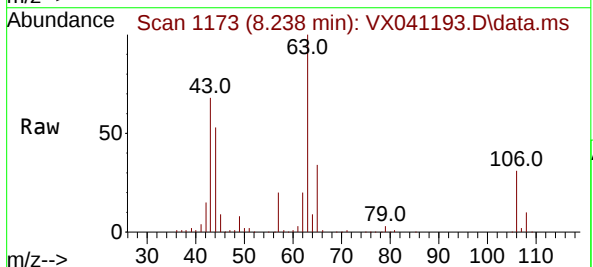
Acq: 22 Apr 2024 16:31

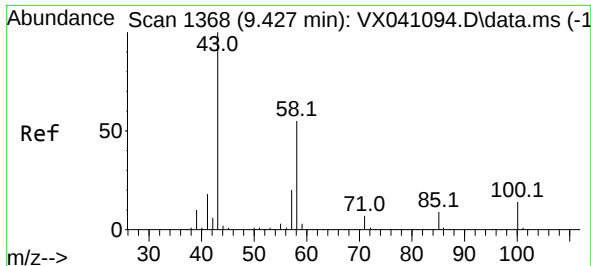
Tgt Ion: 63 Resp: 125231

Ion Ratio Lower Upper

63 100

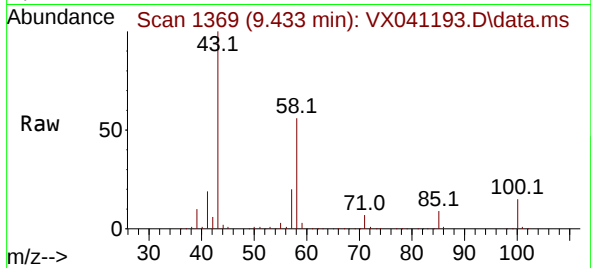
106 32.5 22.5 33.7





#59
2-Hexanone
Concen: 101.244 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

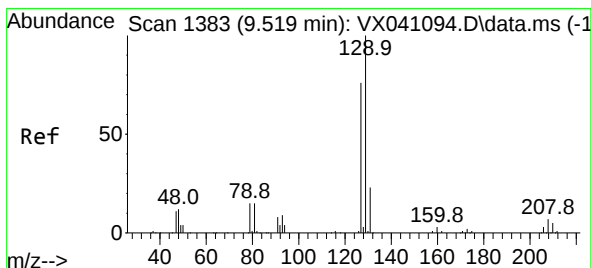
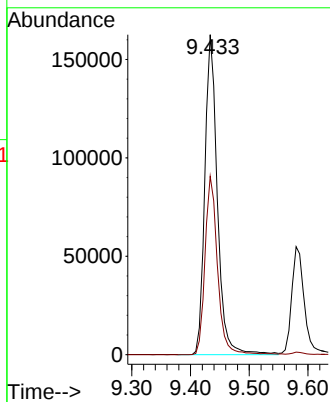
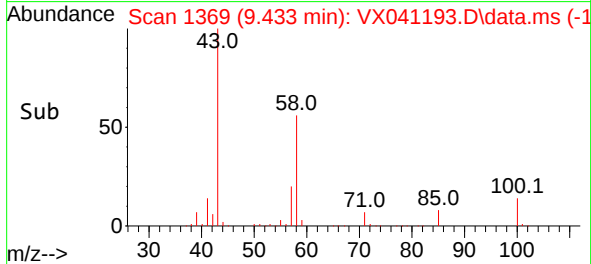
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 43 Resp: 24131
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

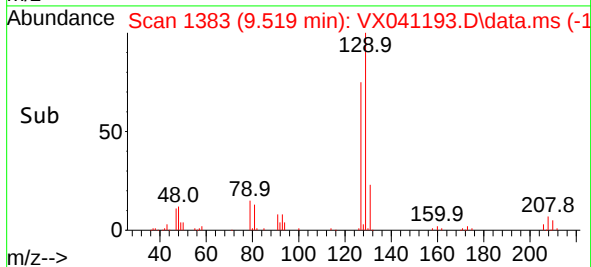
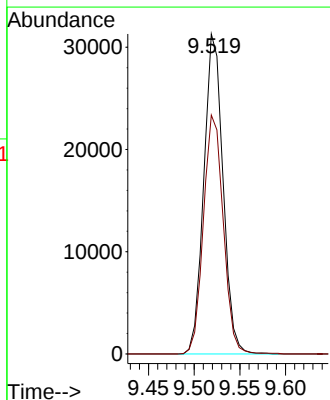
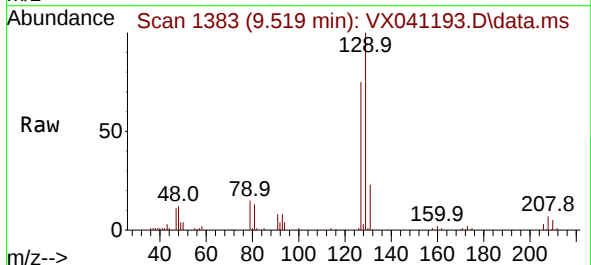
Manual Integrations
APPROVED

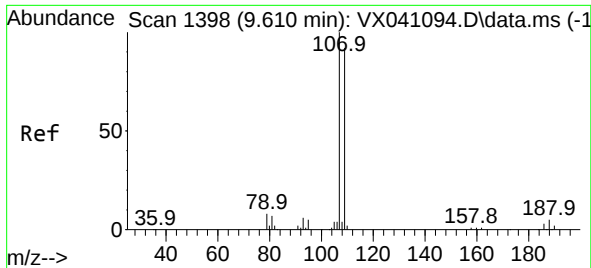
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#60
Dibromochloromethane
Concen: 18.474 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

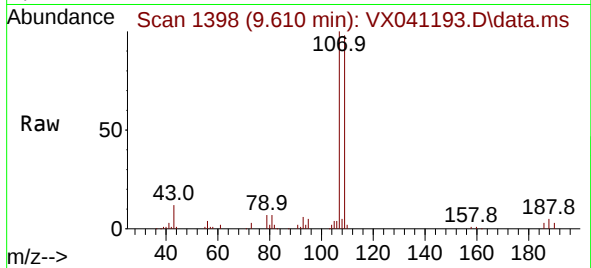
Tgt Ion:129 Resp: 45498
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.781 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

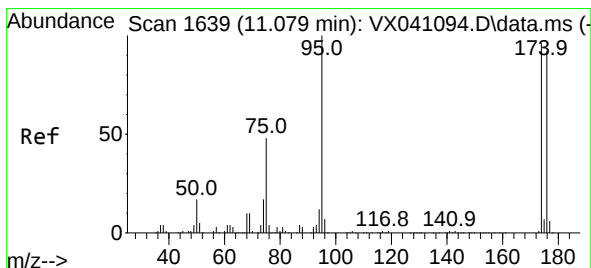
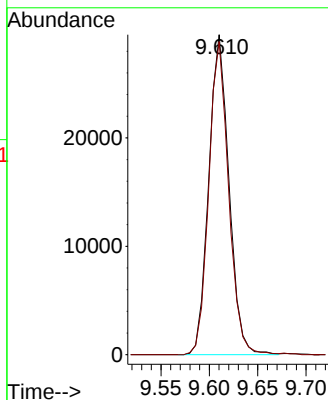
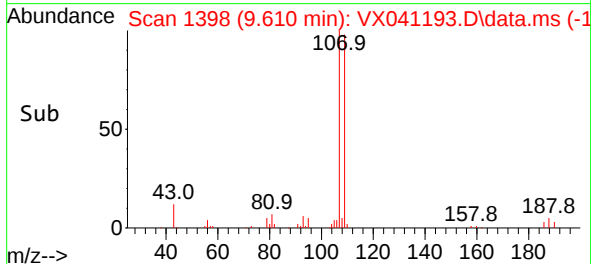
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



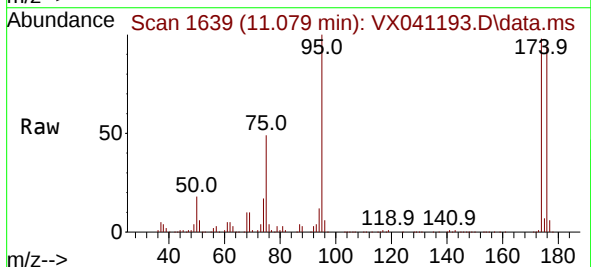
Tgt Ion:107 Resp: 4299
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

Manual Integrations
APPROVED

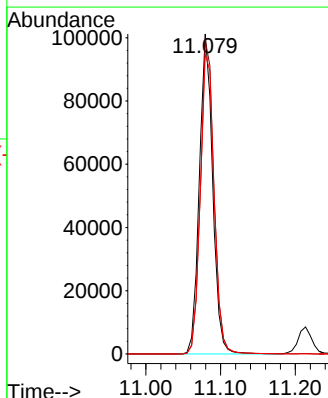
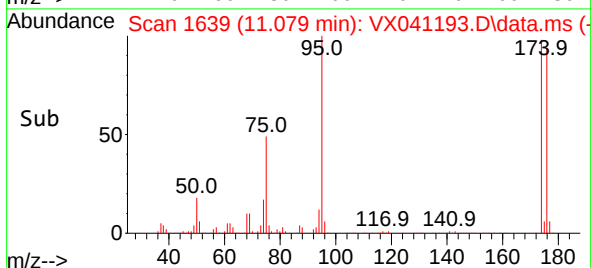
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

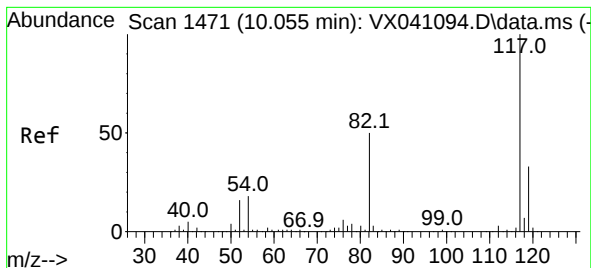


#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31



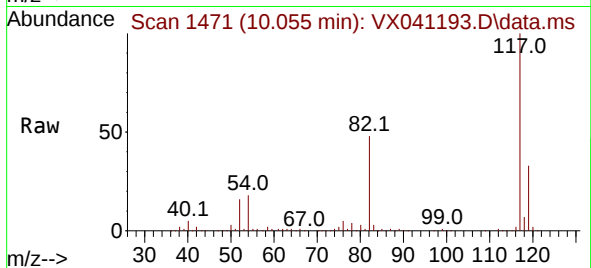
Tgt Ion: 95 Resp: 125015
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

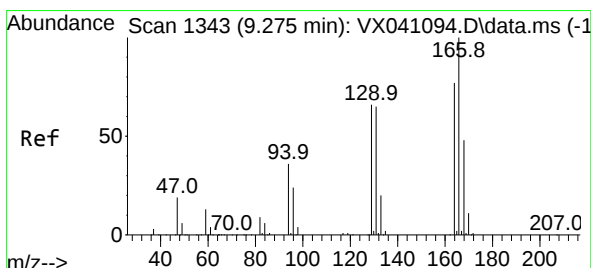
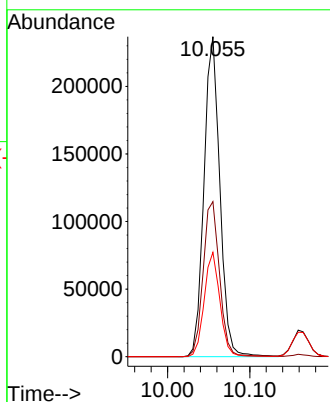
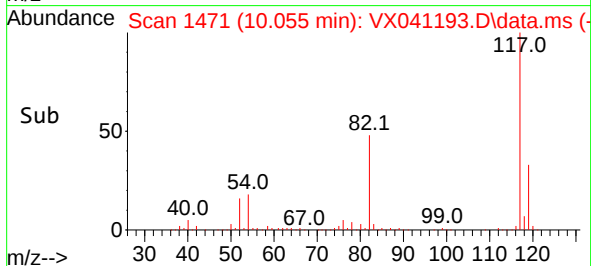
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion:117 Resp: 31848
Ion Ratio Lower Upper
117 100
82 48.5 46.2 69.4
119 32.6 25.5 38.3

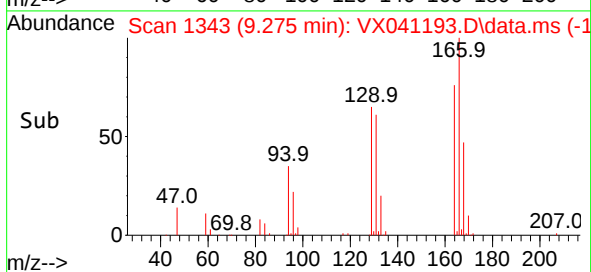
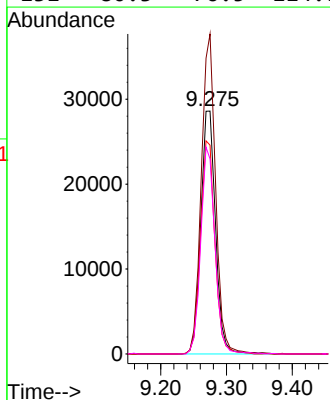
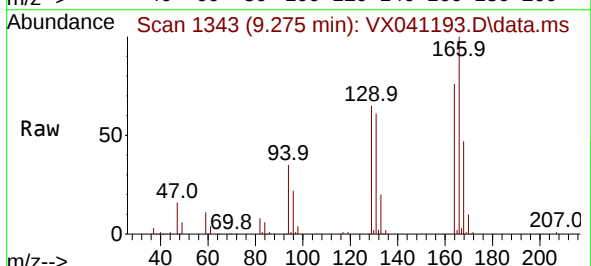
Manual Integrations
APPROVED

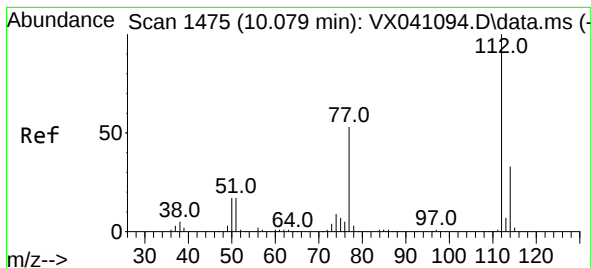
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#64
Tetrachloroethene
Concen: 18.317 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion:164 Resp: 44740
Ion Ratio Lower Upper
164 100
166 131.7 102.7 154.1
129 86.0 80.4 120.6
131 80.3 76.5 114.7





#65

Chlorobenzene

Concen: 18.232 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion:112 Resp: 119500

Ion Ratio Lower Upper

112 100

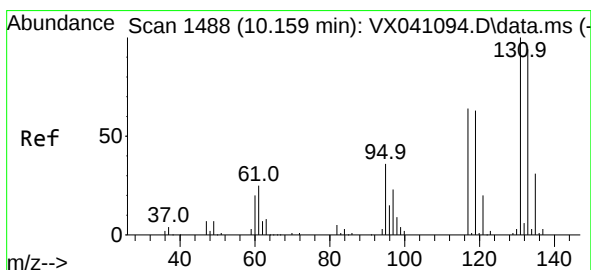
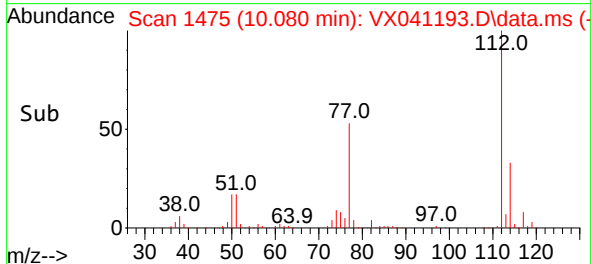
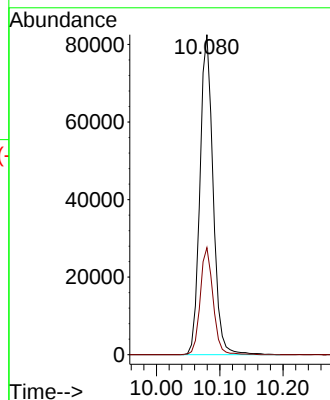
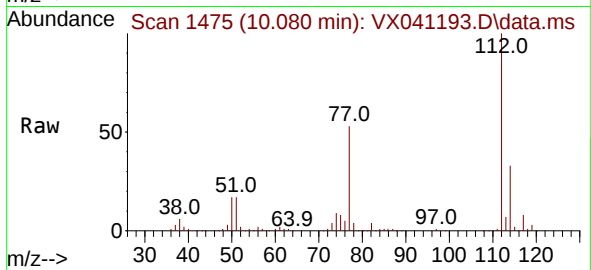
114 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.025 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

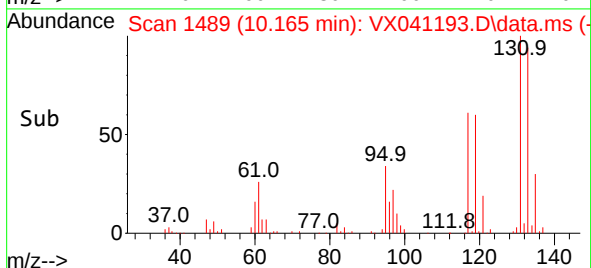
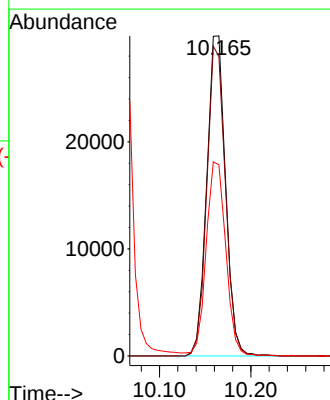
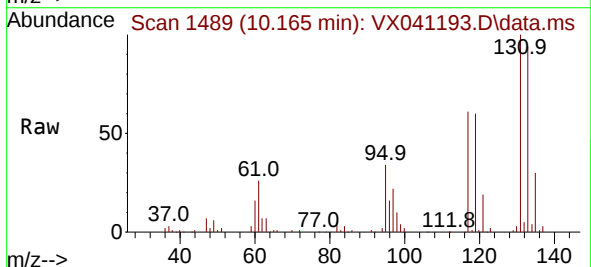
Tgt Ion:131 Resp: 42714

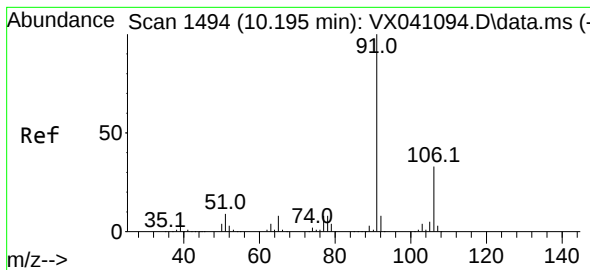
Ion Ratio Lower Upper

131 100

133 95.3 47.1 141.4

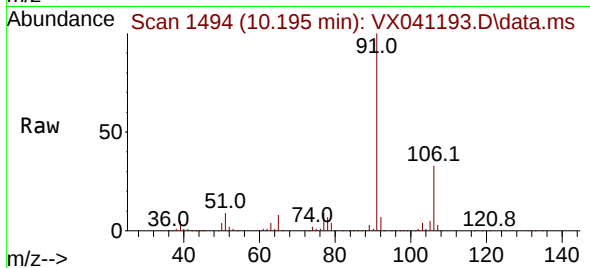
119 63.4 32.2 96.6





#67
Ethyl Benzene
Concen: 18.699 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

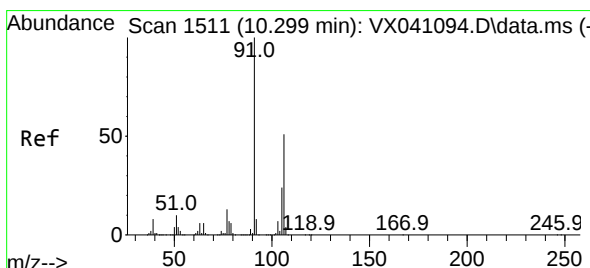
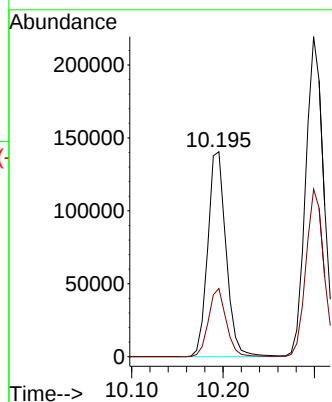
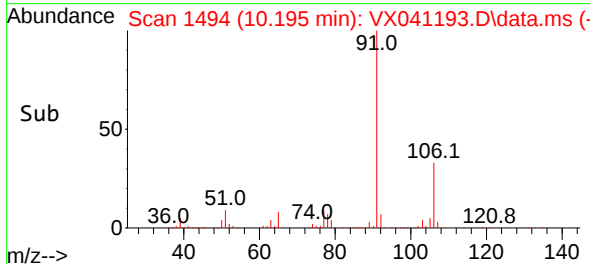
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion: 91 Resp: 195590
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

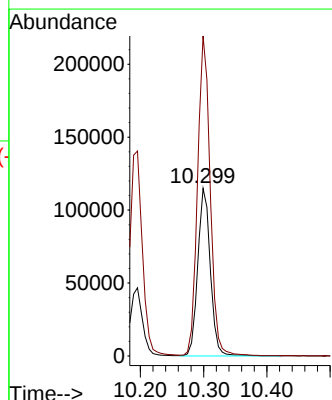
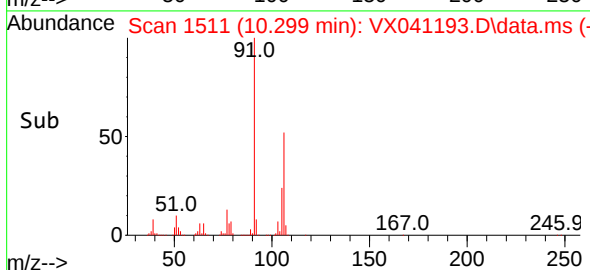
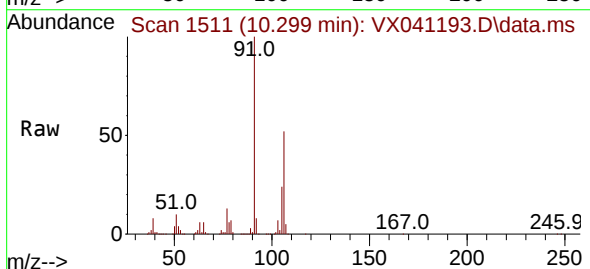
Manual Integrations
APPROVED

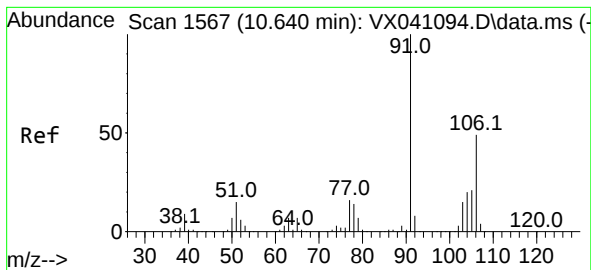
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#68
m/p-Xylenes
Concen: 37.678 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion:106 Resp: 159100
Ion Ratio Lower Upper
106 100
91 191.4 165.5 248.3





#69

o-Xylene

Concen: 19.026 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion:106 Resp: 78130

Ion Ratio Lower Upper

106 100

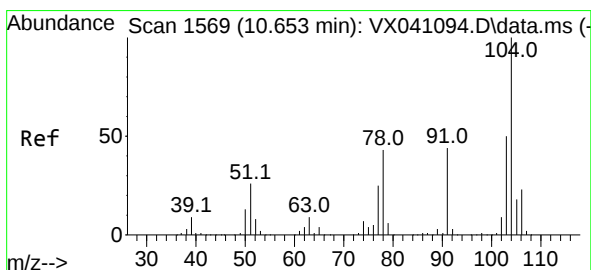
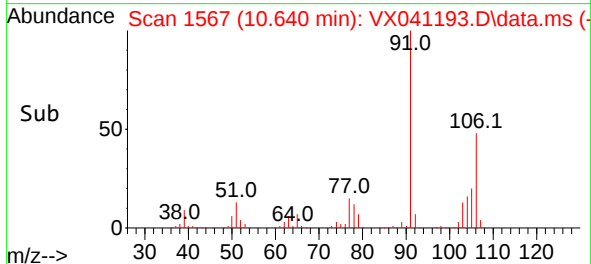
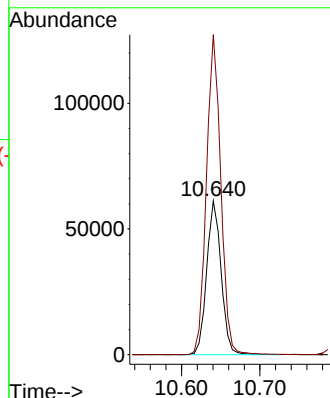
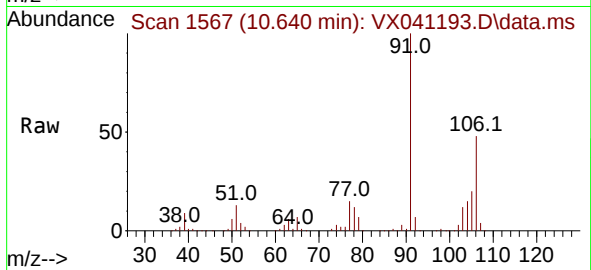
91 207.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#70

Styrene

Concen: 19.255 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

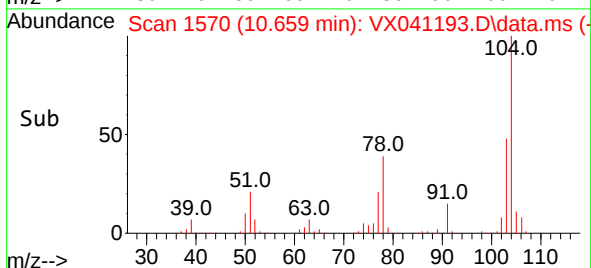
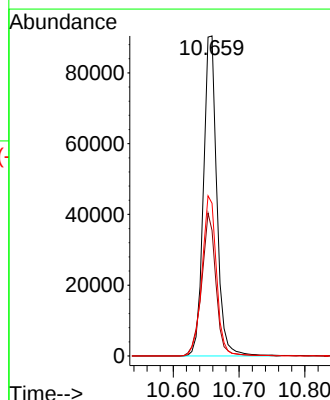
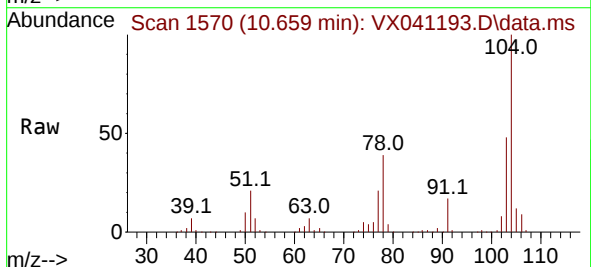
Tgt Ion:104 Resp: 128649

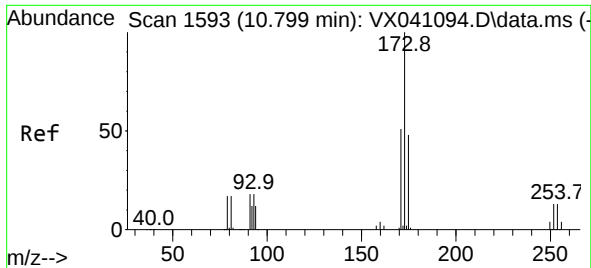
Ion Ratio Lower Upper

104 100

78 47.2 43.6 65.4

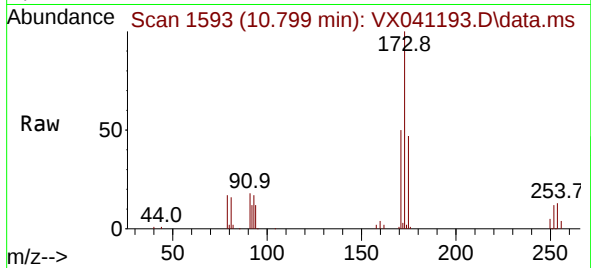
103 54.0 43.6 65.4





#71
Bromoform
Concen: 19.023 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

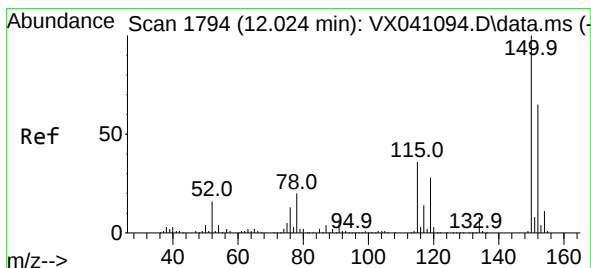
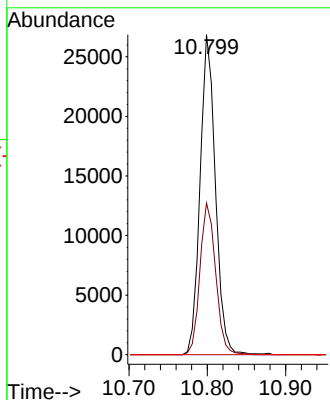
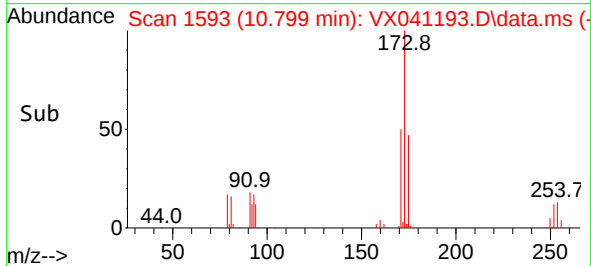
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



Tgt Ion:173 Resp: 3651
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

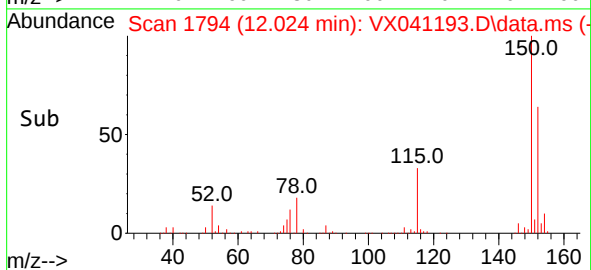
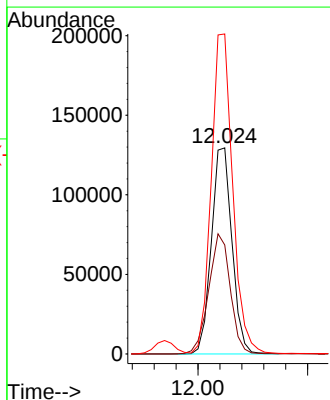
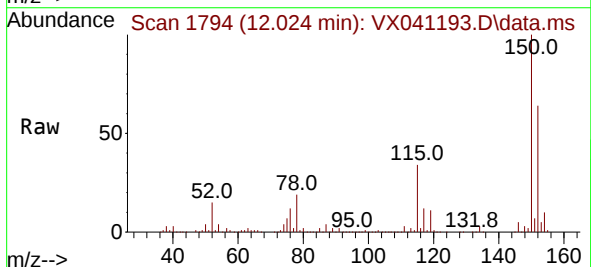
Manual Integrations
APPROVED

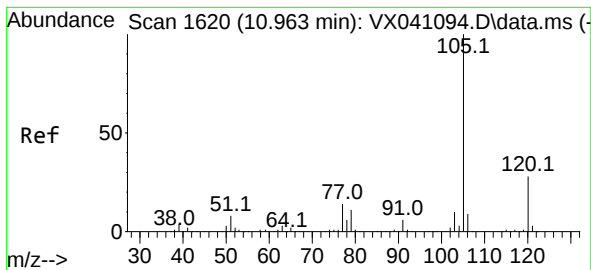
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Tgt Ion:152 Resp: 169236
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 161.0 0.0 345.0





#73

Isopropylbenzene

Concen: 17.979 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tgt Ion:105 Resp: 18931

Ion Ratio Lower Upper

105 100

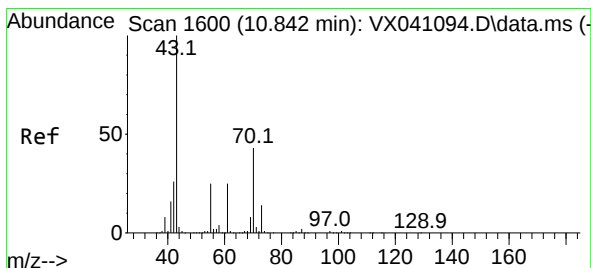
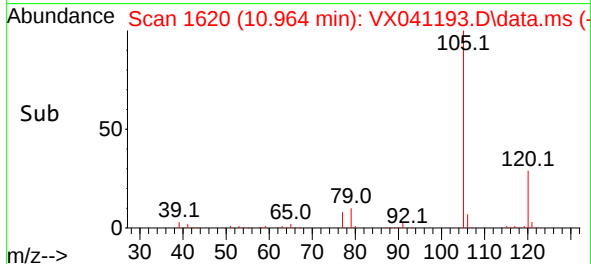
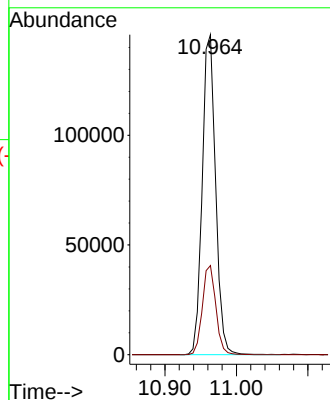
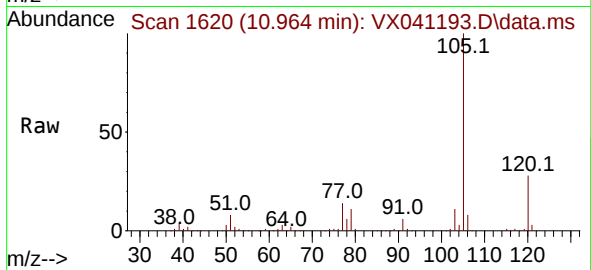
120 28.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#74

N-ethyl acetate

Concen: 19.401 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion: 43 Resp: 80287

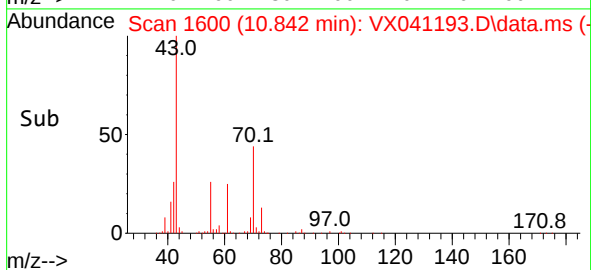
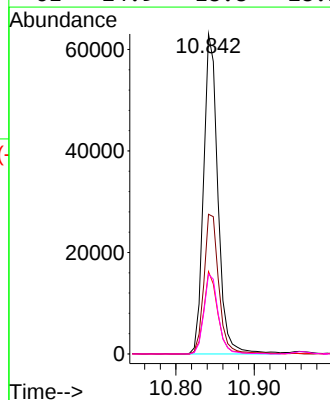
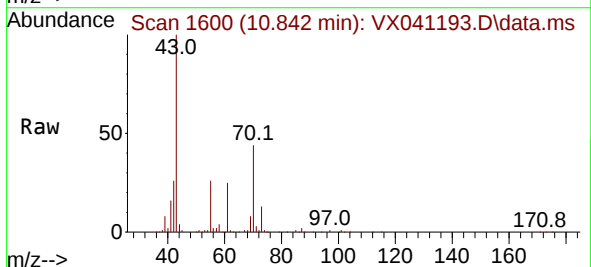
Ion Ratio Lower Upper

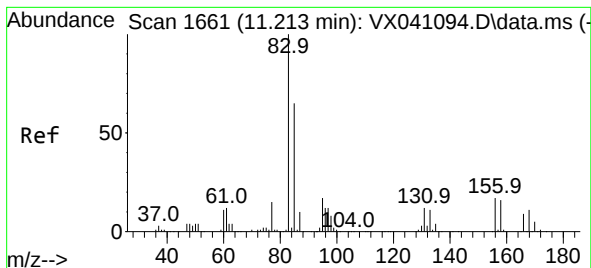
43 100

70 45.2 32.9 49.3

55 25.4 19.3 28.9

61 24.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.659 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

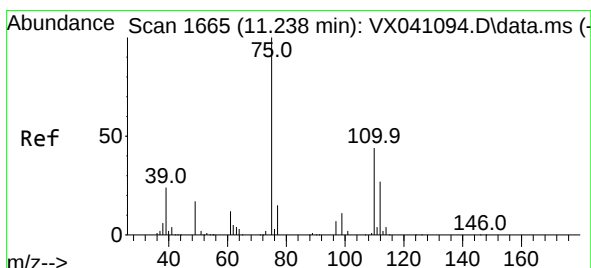
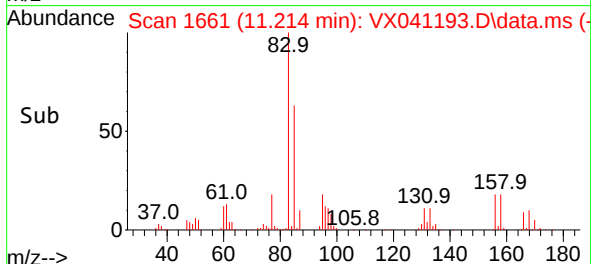
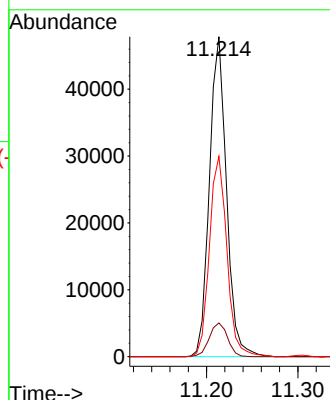
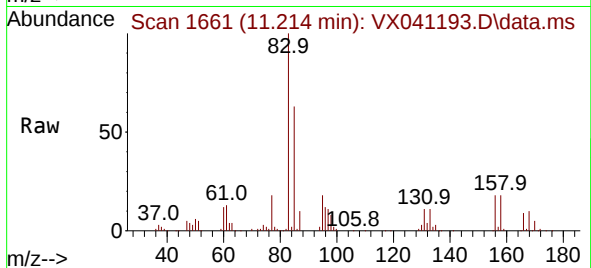
Tgt Ion: 83 Resp: 61962
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 15.8
 85 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#76

1,2,3-Trichloropropane

Concen: 17.933 ug/l m

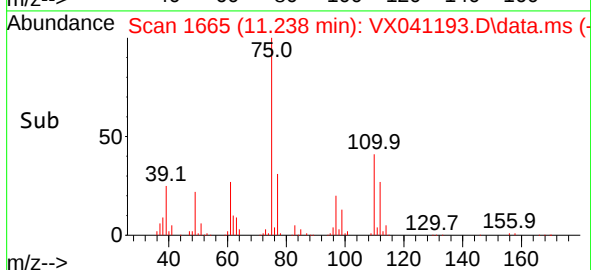
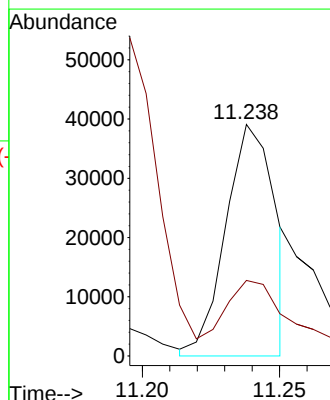
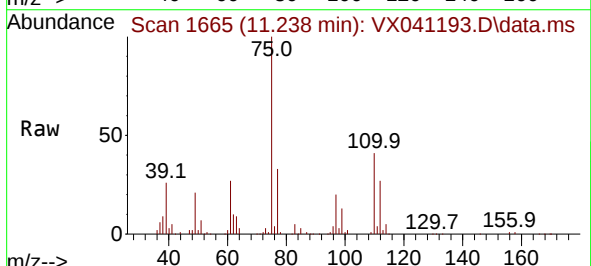
RT: 11.238 min Scan# 1665

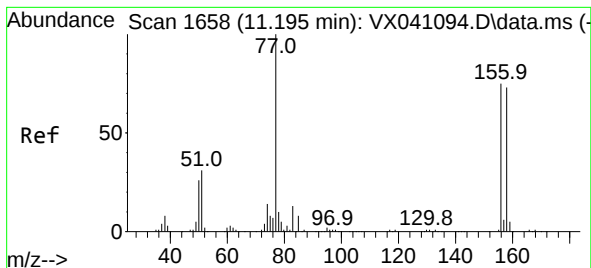
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion: 75 Resp: 48897
 Ion Ratio Lower Upper
 75 100
 77 44.9 19.1 57.5





#77

Bromobenzene

Concen: 17.323 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

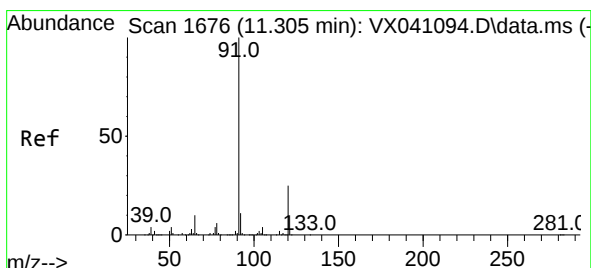
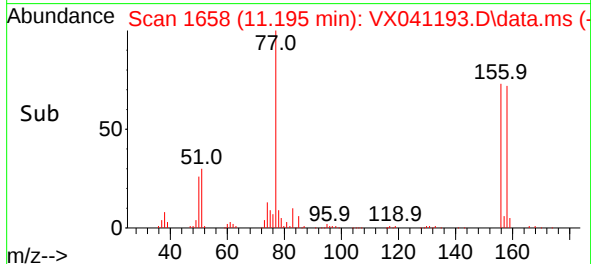
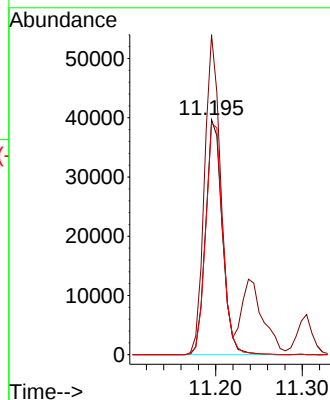
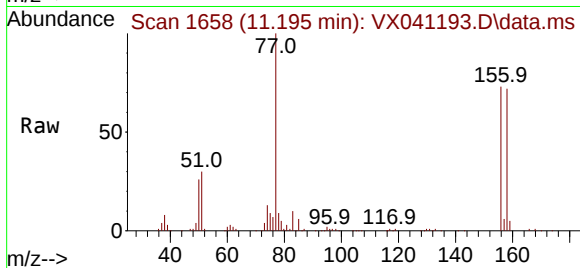
Tgt Ion:	156	Resp:	5308
Ion Ratio	Lower	Upper	
156	100		
77	130.8	88.4	265.3
158	100.5	48.0	144.0

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#78

n-propylbenzene

Concen: 17.878 ug/l

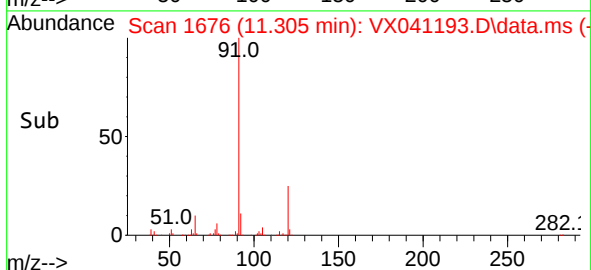
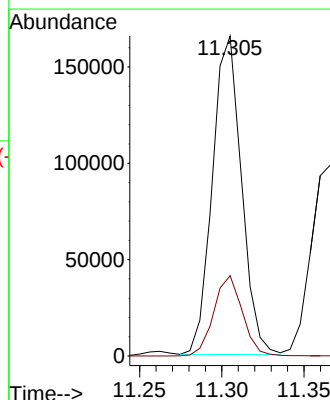
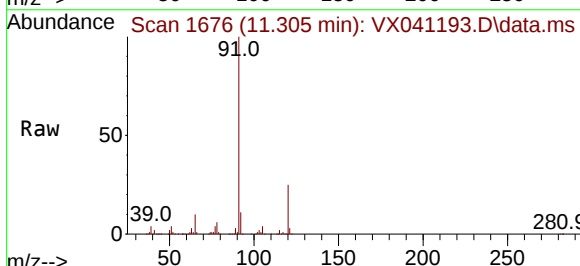
RT: 11.305 min Scan# 1676

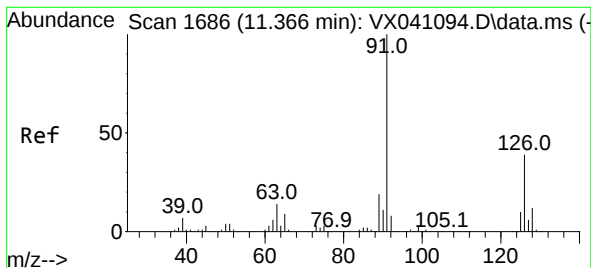
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

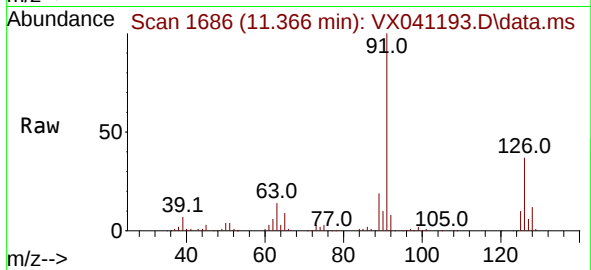
Tgt Ion:	91	Resp:	203266
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.862 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

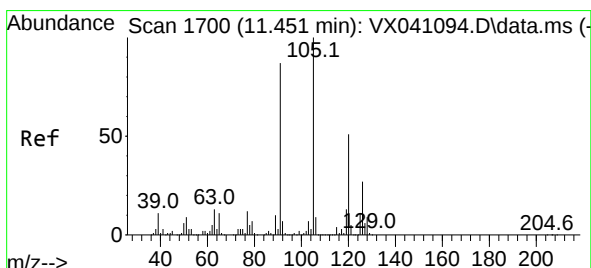
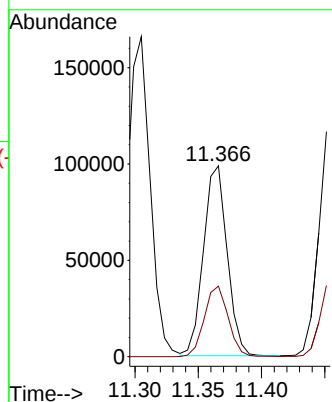
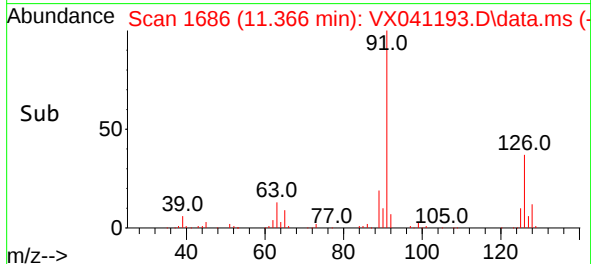
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



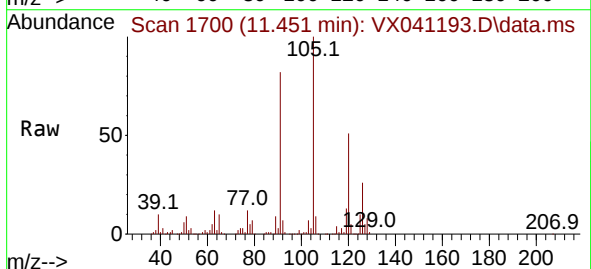
Tgt Ion: 91 Resp: 128518
Ion Ratio Lower Upper
91 100
126 37.5 16.3 48.8

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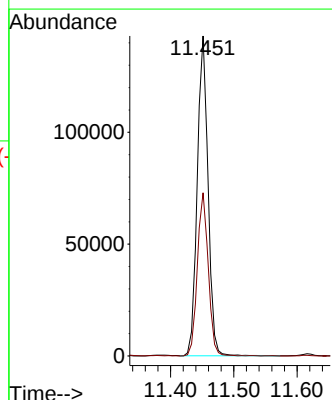
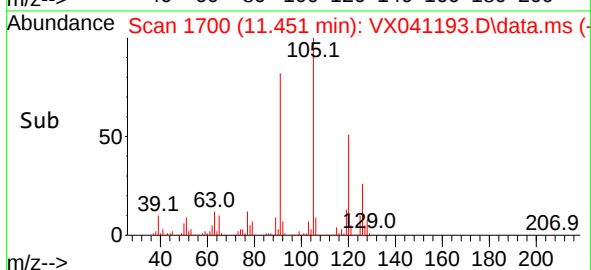
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

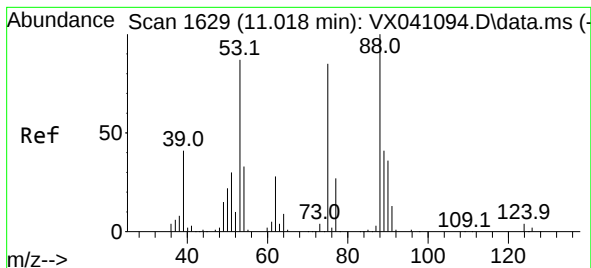


#80
1,3,5-Trimethylbenzene
Concen: 19.341 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31



Tgt Ion:105 Resp: 169434
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.3





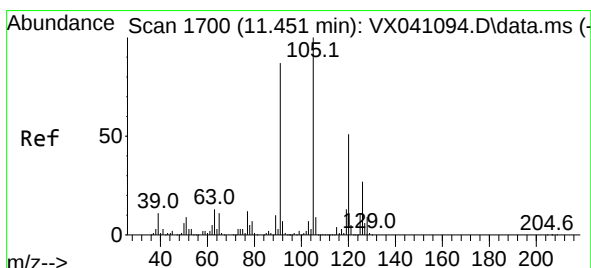
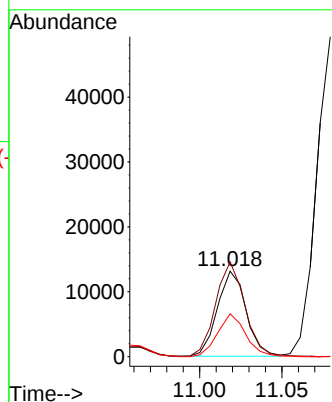
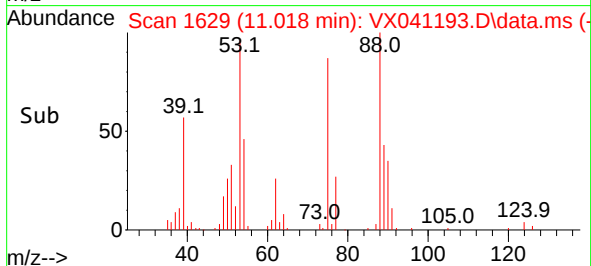
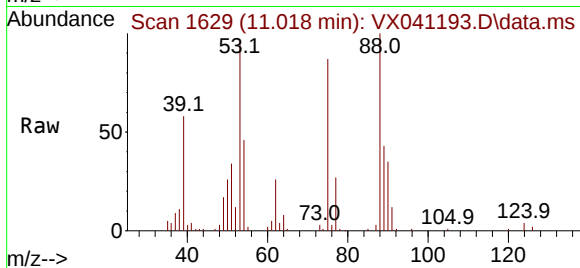
#81
trans-1,4-Dichloro-2-butene
Concen: 16.403 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tgt Ion: 75 Resp: 1585
Ion Ratio Lower Upper
75 100
53 115.0 90.5 135.7
89 49.7 36.9 55.3

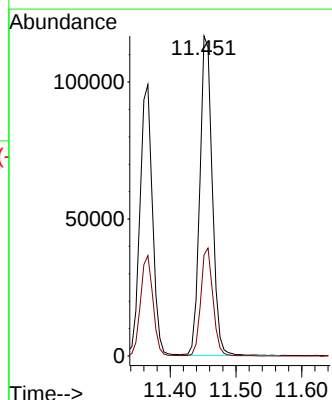
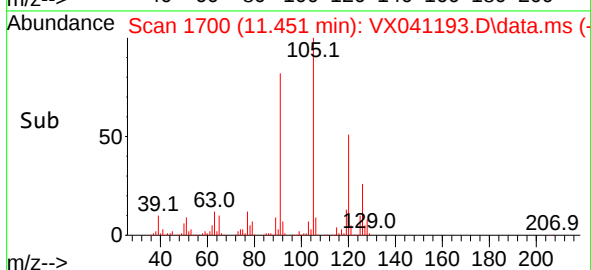
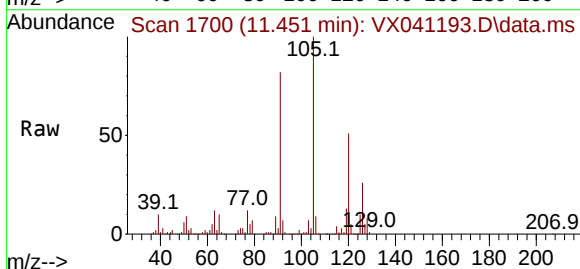
Manual Integrations
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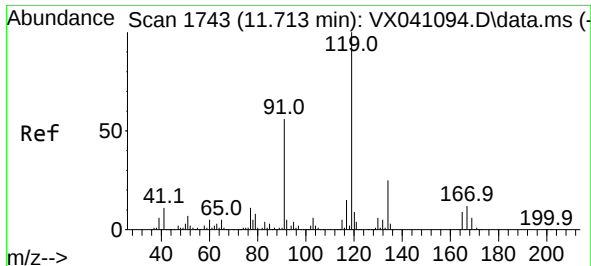
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 18.820 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

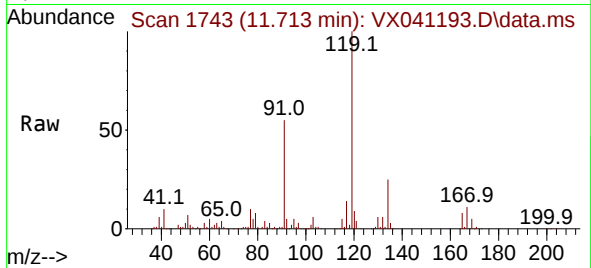
Tgt Ion: 91 Resp: 153451
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.452 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

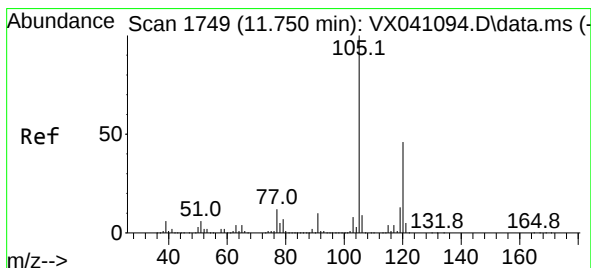
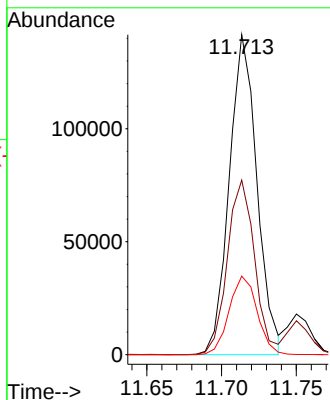
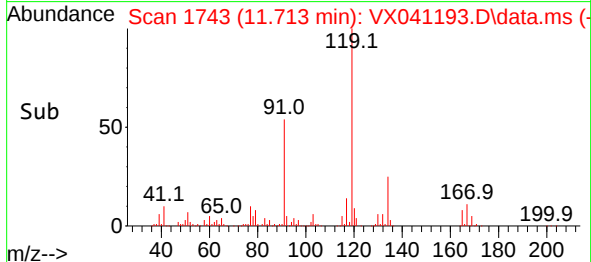
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



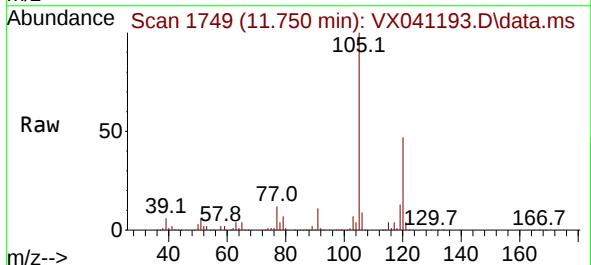
Tgt Ion:119 Resp: 18248
Ion Ratio Lower Upper
119 100
91 53.9 31.2 93.6
134 24.9 11.7 35.0

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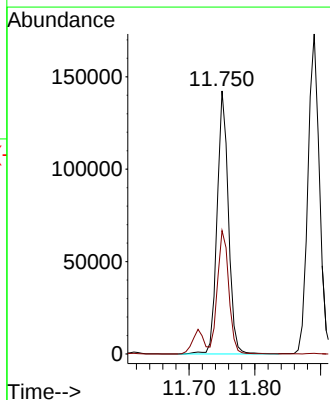
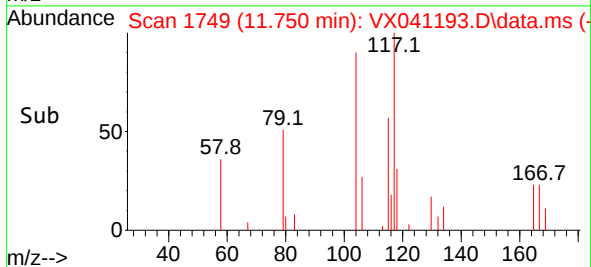
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

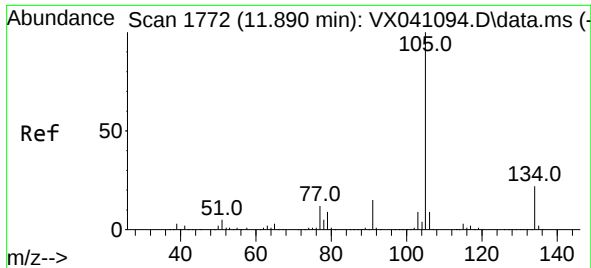


#84
1,2,4-Trimethylbenzene
Concen: 19.515 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31



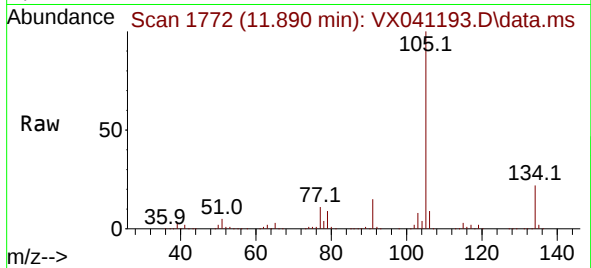
Tgt Ion:105 Resp: 169677
Ion Ratio Lower Upper
105 100
120 47.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.332 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041193.D
 Acq: 22 Apr 2024 16:31

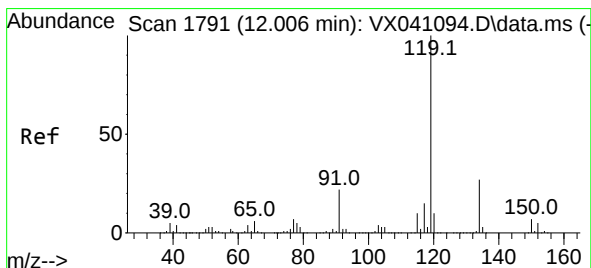
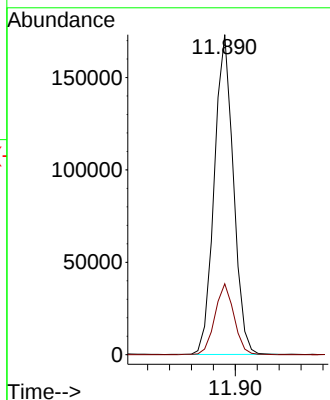
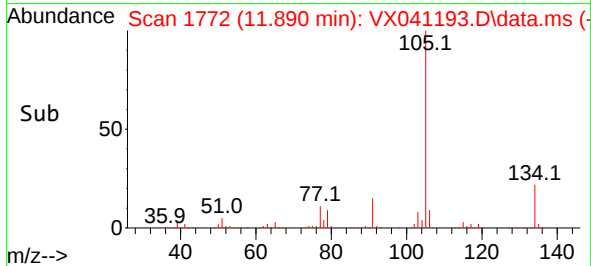
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01



Tgt Ion:105 Resp: 209424
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.4

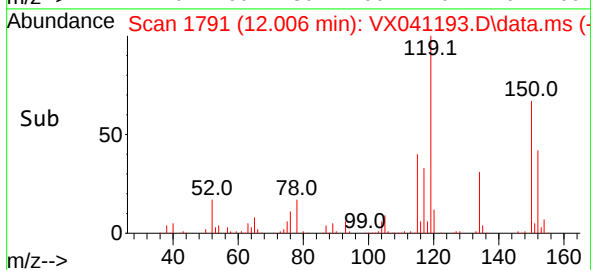
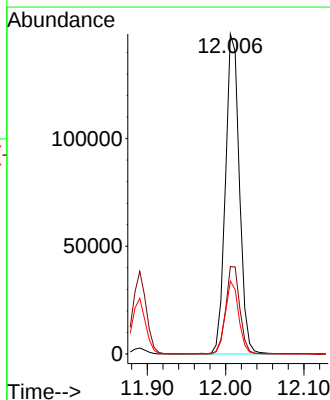
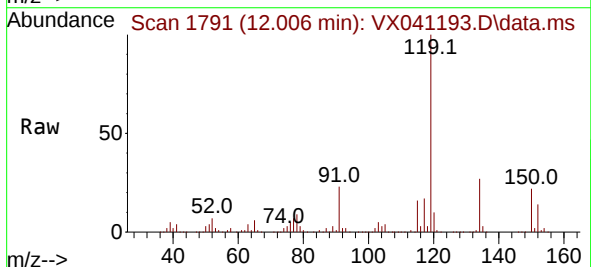
Manual Integrations
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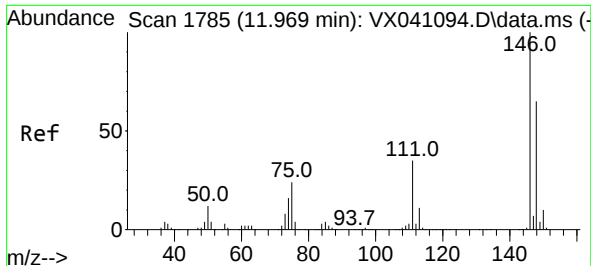
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#86
 p-Isopropyltoluene
 Concen: 19.300 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041193.D
 Acq: 22 Apr 2024 16:31

Tgt Ion:119 Resp: 184248
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 22.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.566 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041193.D

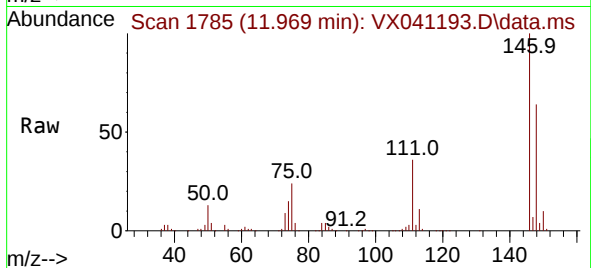
Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01



Tgt Ion:146 Resp: 10219

Ion Ratio Lower Upper

146 100

111 36.1 22.1 66.1

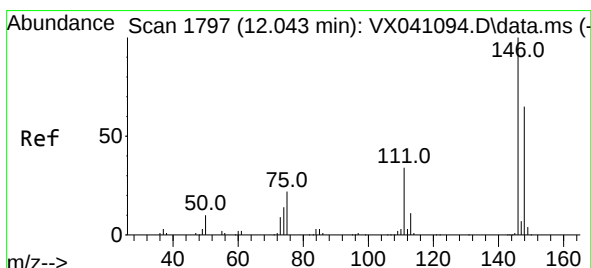
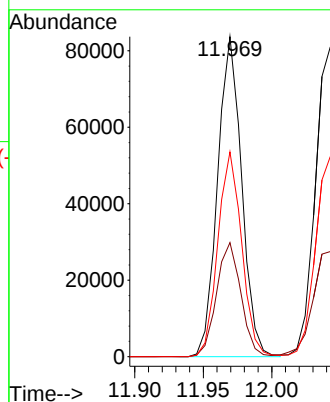
148 63.5 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 18.261 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

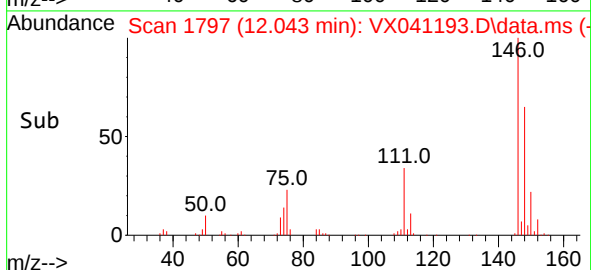
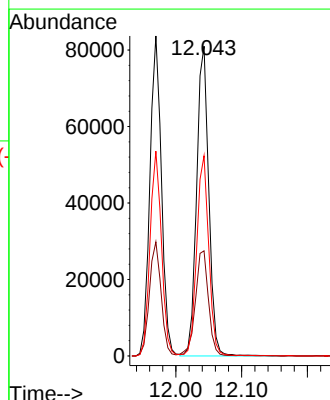
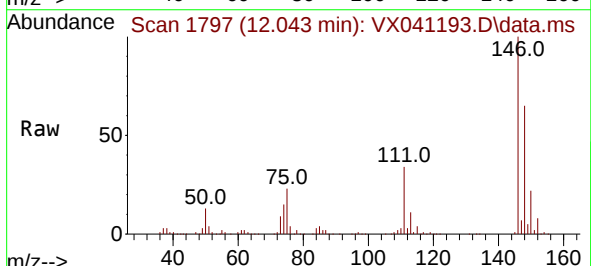
Tgt Ion:146 Resp: 103133

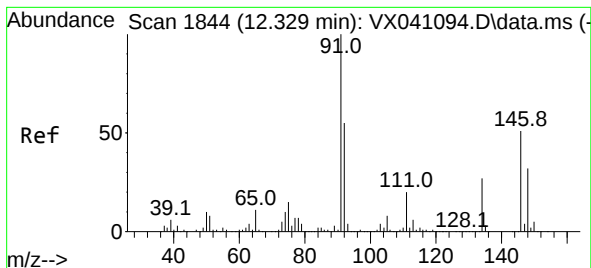
Ion Ratio Lower Upper

146 100

111 36.4 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 18.864 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

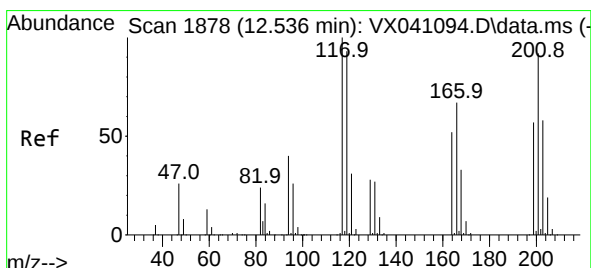
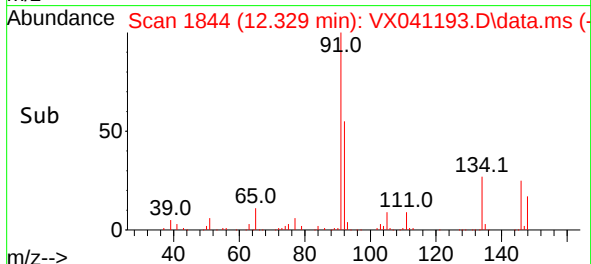
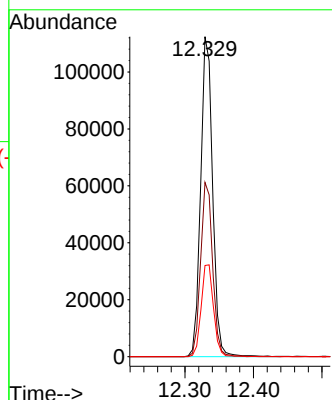
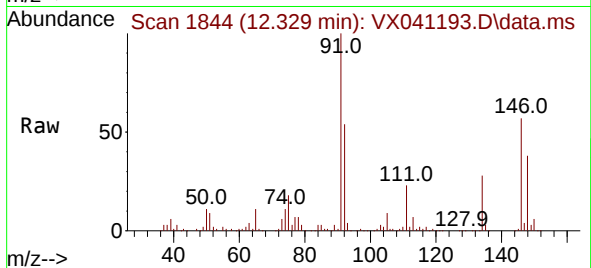
Tgt Ion: 91 Resp: 136733
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.4 82.0
 134 29.6 12.6 37.8

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Supervised By :Mahesh Dadoda 04/23/2024



#90

Hexachloroethane

Concen: 18.247 ug/l

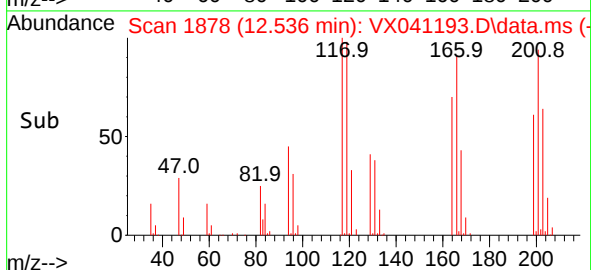
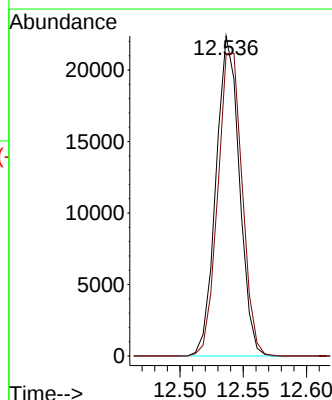
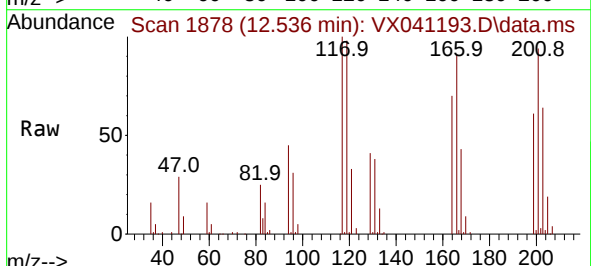
RT: 12.536 min Scan# 1878

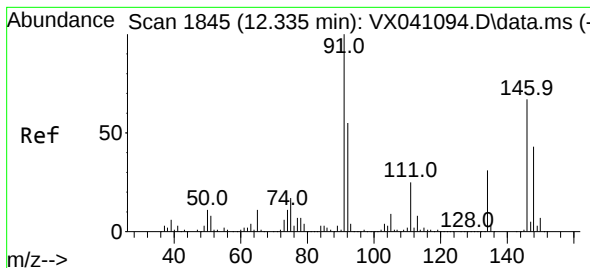
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

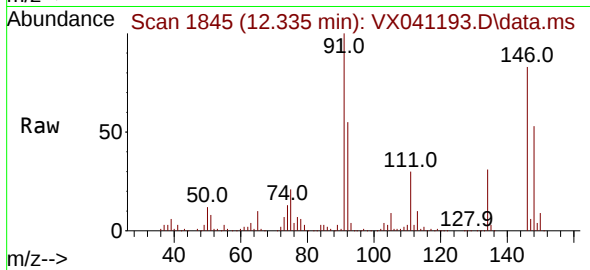
Tgt Ion:117 Resp: 28735
 Ion Ratio Lower Upper
 117 100
 201 98.9 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 19.143 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31

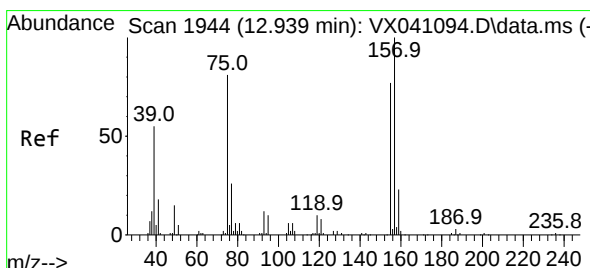
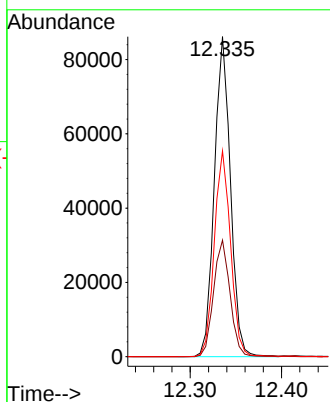
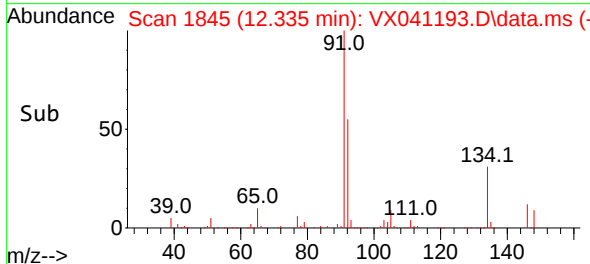
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01



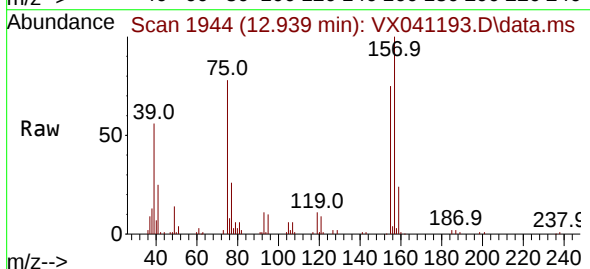
Tgt Ion:146 Resp: 10553
Ion Ratio Lower Upper
146 100
111 37.2 22.4 67.0
148 65.3 31.6 95.0

Manual Integrations
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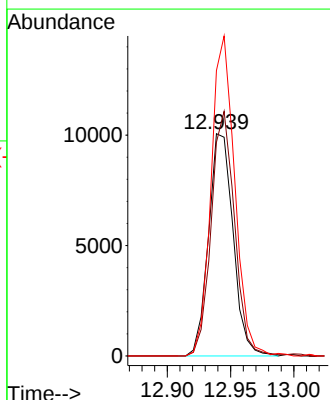
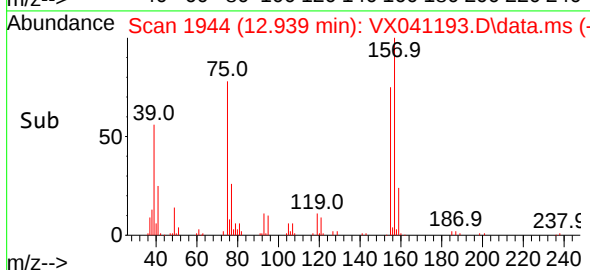
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

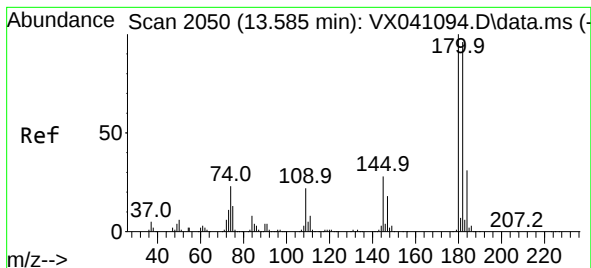


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.497 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041193.D
Acq: 22 Apr 2024 16:31



Tgt Ion: 75 Resp: 13585
Ion Ratio Lower Upper
75 100
155 104.5 36.1 108.5
157 138.5 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 18.341 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

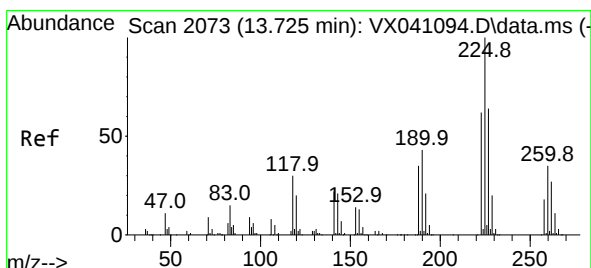
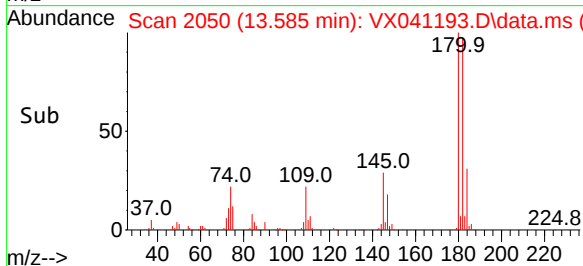
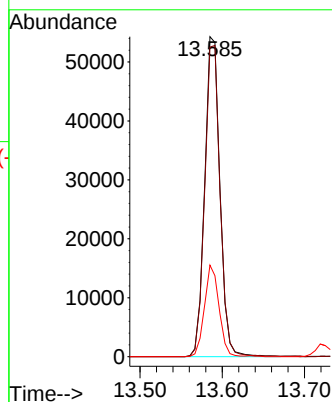
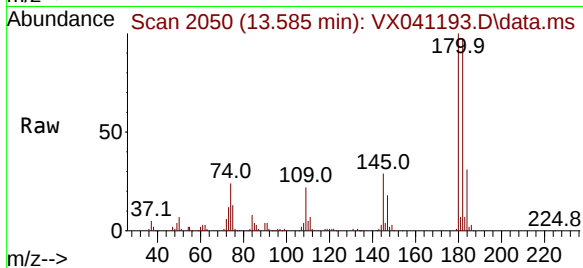
Tgt Ion:180	Resp:	70108
Ion Ratio	Lower	Upper
180	100	
182	97.8	48.3 144.8
145	27.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#94

Hexachlorobutadiene

Concen: 18.712 ug/l

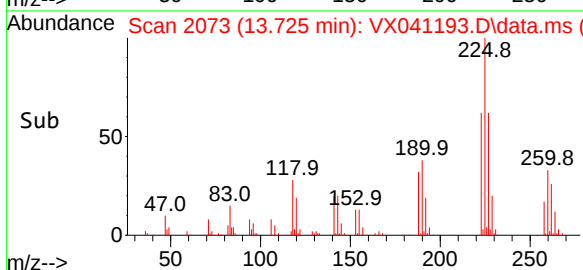
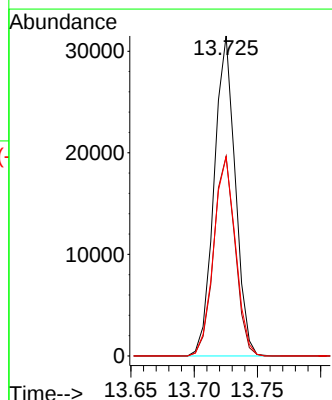
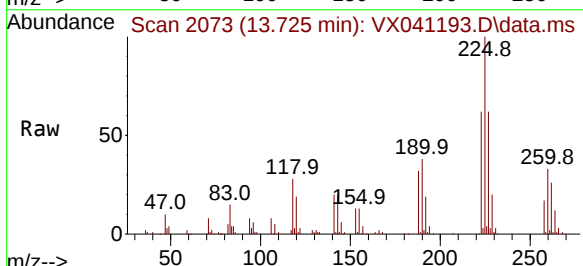
RT: 13.725 min Scan# 2073

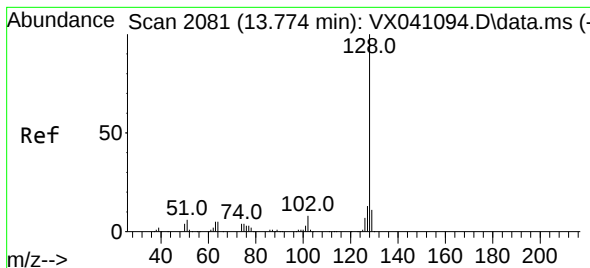
Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion:225	Resp:	36544
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.2
227	64.3	32.5 97.5





#95

Naphthalene

Concen: 19.224 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

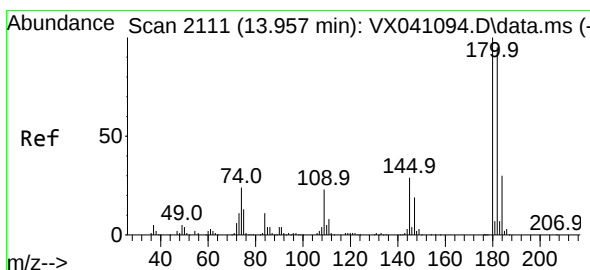
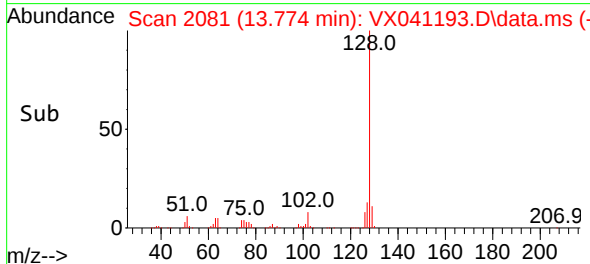
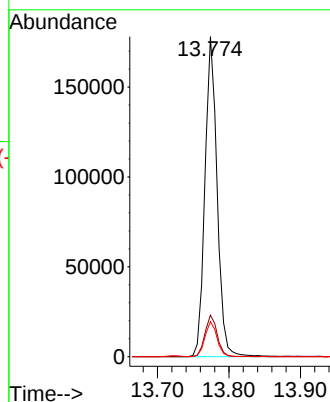
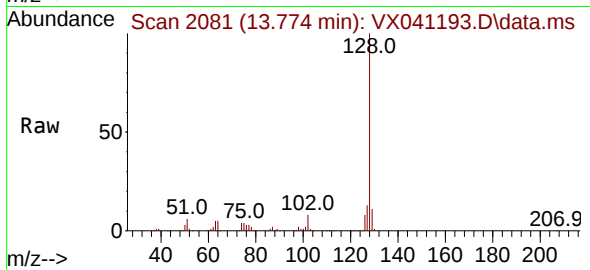
Tgt Ion:	128	Resp:	211134
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.290 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041193.D

Acq: 22 Apr 2024 16:31

Tgt Ion:	180	Resp:	73640
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.9	140.6
145	29.2	17.8	53.5

