

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040453.D
 Acq On : 26 Feb 2024 11:38
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 27 04:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77614	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225993	146.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 293.680%#			
35) Dibromofluoromethane	5.385	113	163411	148.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.380%#			
50) Toluene-d8	8.647	98	590074	147.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 295.820%#			
62) 4-Bromofluorobenzene	11.079	95	241473	158.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 317.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	170027	148.474	ug/l	99
3) Chloromethane	1.294	50	156384	137.679	ug/l	98
4) Vinyl Chloride	1.374	62	171388	139.533	ug/l	99
5) Bromomethane	1.593	94	86165	126.232	ug/l	99
6) Chloroethane	1.666	64	105604	135.855	ug/l	99
7) Trichlorofluoromethane	1.874	101	289735	149.352	ug/l	100
8) Diethyl Ether	2.136	74	98213	144.837	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	155324	148.744	ug/l	99
10) Methyl Iodide	2.447	142	179451	149.376	ug/l	96
11) Tert butyl alcohol	2.989	59	202253	781.726	ug/l	# 91
12) 1,1-Dichloroethene	2.312	96	149350	142.456	ug/l	98
13) Acrolein	2.233	56	152309	918.214	ug/l	100
14) Allyl chloride	2.660	41	274836	149.843	ug/l	94
15) Acrylonitrile	3.068	53	465056	716.584	ug/l	98
16) Acetone	2.380	43	383952	764.971	ug/l	97
17) Carbon Disulfide	2.508	76	414746	142.857	ug/l	99
18) Methyl Acetate	2.703	43	232721	150.396	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	538553	150.601	ug/l	100
20) Methylene Chloride	2.788	84	170680	142.102	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	161931	144.829	ug/l	99
22) Diisopropyl ether	3.763	45	546389	148.240	ug/l	87
23) Vinyl Acetate	3.721	43	2580899	764.407	ug/l	100
24) 1,1-Dichloroethane	3.605	63	311702	145.020	ug/l	100
25) 2-Butanone	4.556	43	651226	744.692	ug/l	99
26) 2,2-Dichloropropane	4.477	77	268654	156.987	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	187578	143.405	ug/l	99
28) Bromochloromethane	4.897	49	129859	144.432	ug/l	99
29) Tetrahydrofuran	5.001	42	443023	726.197	ug/l	98
30) Chloroform	5.092	83	334251	146.509	ug/l	98
31) Cyclohexane	5.470	56	261142	149.765	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	297331	152.694	ug/l	99
36) 1,1-Dichloropropene	5.690	75	243135	143.589	ug/l	100
37) Ethyl Acetate	4.714	43	268518	144.900	ug/l	99
38) Carbon Tetrachloride	5.678	117	253650	155.063	ug/l	98
39) Methylcyclohexane	7.379	83	281274	153.857	ug/l	98
40) Benzene	6.037	78	664825	145.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	149866	144.781	ug/l	97
42) 1,2-Dichloroethane	6.086	62	283531	149.429	ug/l	99
43) Isopropyl Acetate	6.342	43	443943	152.675	ug/l	98
44) Trichloroethene	7.123	130	179108	145.273	ug/l	98
45) 1,2-Dichloropropane	7.427	63	177063	144.315	ug/l	97
46) Dibromomethane	7.580	93	132685	147.096	ug/l	99
47) Bromodichloromethane	7.818	83	266460	150.030	ug/l	97
48) Methyl methacrylate	7.690	41	227424	156.482	ug/l	93
49) 1,4-Dioxane	7.659	88	83649	3042.549	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	1446216	752.255	ug/l	100
52) Toluene	8.720	92	425931	151.388	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	297751	165.196	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	304492	157.165	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	178712	153.060	ug/l	94
56) Ethyl methacrylate	9.116	69	296260	164.109	ug/l	96
57) 1,3-Dichloropropane	9.305	76	303103	149.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	732998	774.392	ug/l	97
59) 2-Hexanone	9.433	43	1127606	762.874	ug/l	99
60) Dibromochloromethane	9.525	129	200283	157.927	ug/l	99
61) 1,2-Dibromoethane	9.610	107	194037	152.295	ug/l	100
64) Tetrachloroethene	9.275	164	147925	144.152	ug/l	99
65) Chlorobenzene	10.079	112	461762	148.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	176391	160.990	ug/l	100
67) Ethyl Benzene	10.195	91	867866	152.496	ug/l	99
68) m/p-Xylenes	10.299	106	638756	300.564	ug/l	96
69) o-Xylene	10.640	106	317556	156.233	ug/l	95
70) Styrene	10.652	104	540086	159.391	ug/l	97
71) Bromoform	10.799	173	153234	170.852	ug/l #	100
73) Isopropylbenzene	10.963	105	859220	150.320	ug/l	100
74) N-amyl acetate	10.841	43	430125	162.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	297020	143.686	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	249959m	146.333	ug/l	
77) Bromobenzene	11.195	156	200767	148.547	ug/l	99
78) n-propylbenzene	11.305	91	1059299	149.408	ug/l	98
79) 2-Chlorotoluene	11.366	91	628102	147.162	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	738058	151.827	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	94008	149.276	ug/l	94
82) 4-Chlorotoluene	11.451	91	738175	149.563	ug/l	100
83) tert-Butylbenzene	11.713	119	711746	155.301	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	740778	153.589	ug/l	100
85) sec-Butylbenzene	11.890	105	925570	153.728	ug/l	100
86) p-Isopropyltoluene	12.006	119	763944	153.934	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	391199	145.211	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	393586	143.517	ug/l	99
89) n-Butylbenzene	12.329	91	758406	155.328	ug/l	97
90) Hexachloroethane	12.536	117	138500	167.680	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	371108	144.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	75993	157.689	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	251192	149.926	ug/l	97
94) Hexachlorobutadiene	13.725	225	100677	147.030	ug/l	98
95) Naphthalene	13.774	128	840575	156.997	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	244561	153.556	ug/l	98

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VSTDICC150

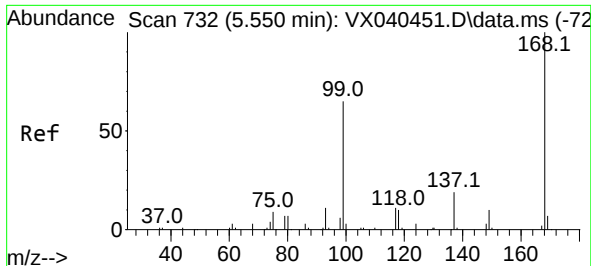
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/27/2024

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Quant Title : SW846 8260
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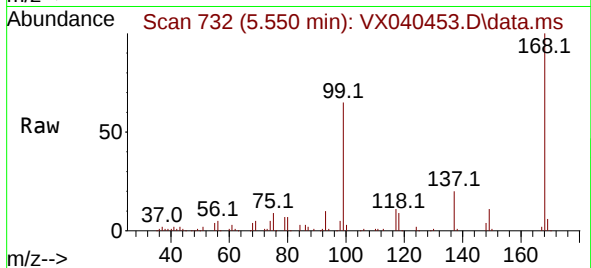
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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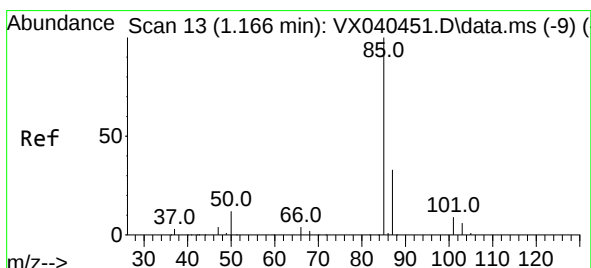
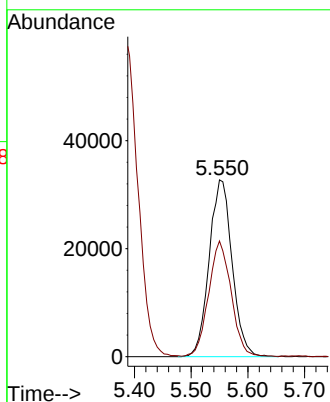
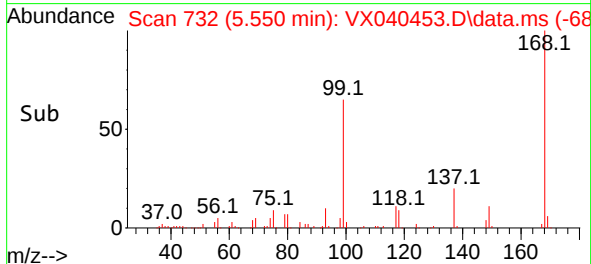
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



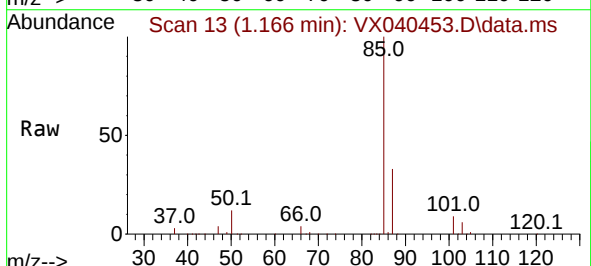
Tgt Ion:168 Resp: 92019
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0

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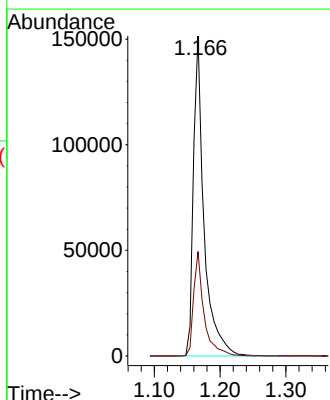
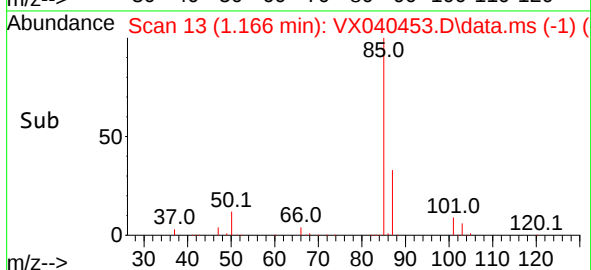
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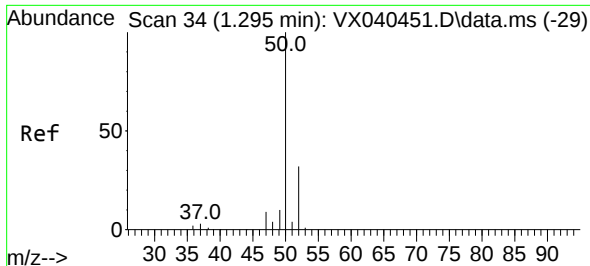


#2
Dichlorodifluoromethane
Concen: 148.474 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



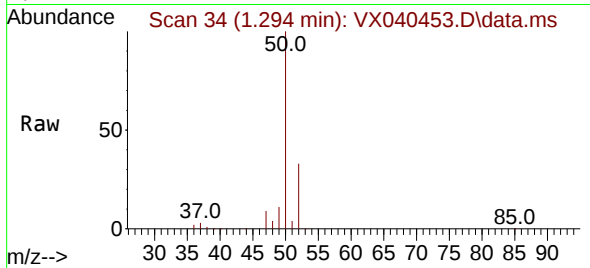
Tgt Ion: 85 Resp: 170027
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 137.679 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

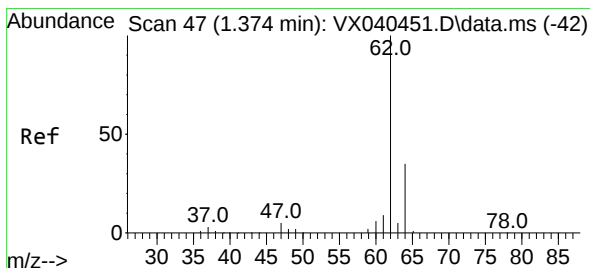
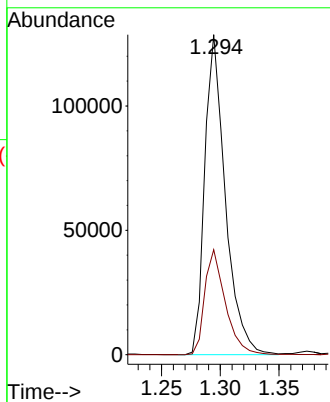
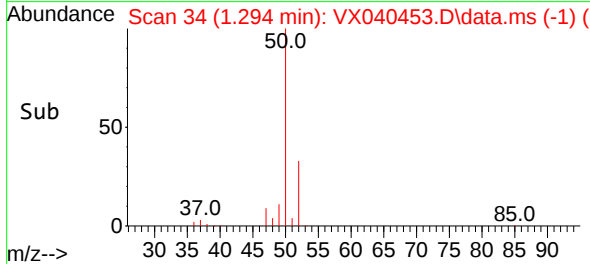
Instrument :
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Tgt Ion: 50 Resp: 156384
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

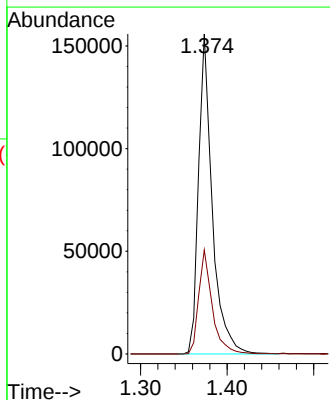
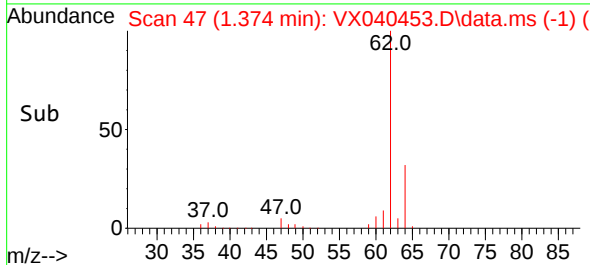
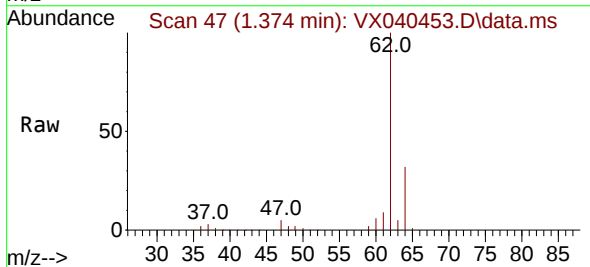
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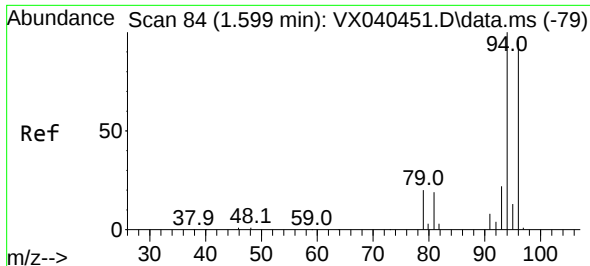
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#4
Vinyl Chloride
Concen: 139.533 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
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Acq: 26 Feb 2024 11:38

Tgt Ion: 62 Resp: 171388
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





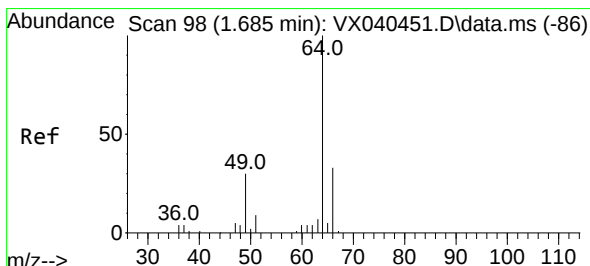
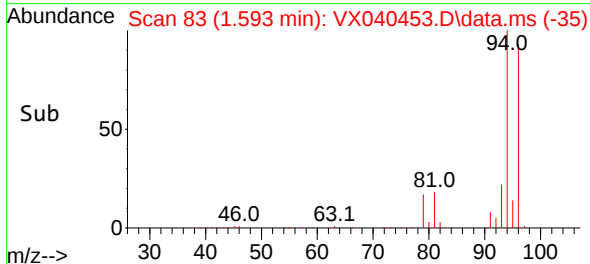
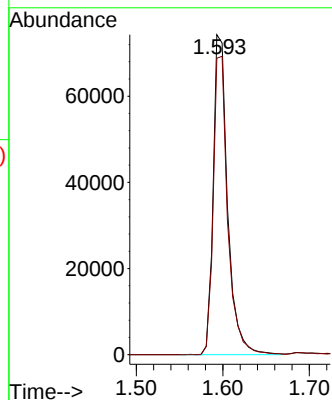
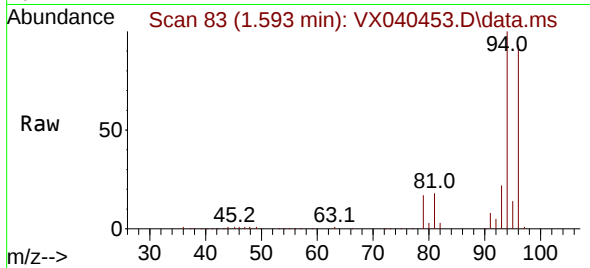
#5
Bromomethane
Concen: 126.232 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8616
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

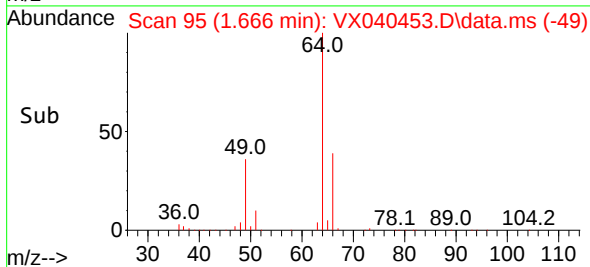
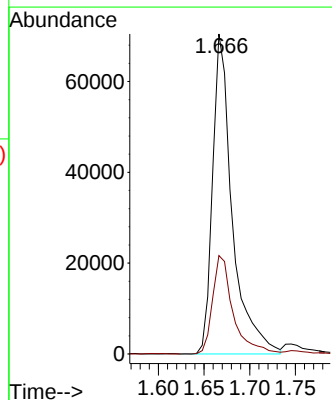
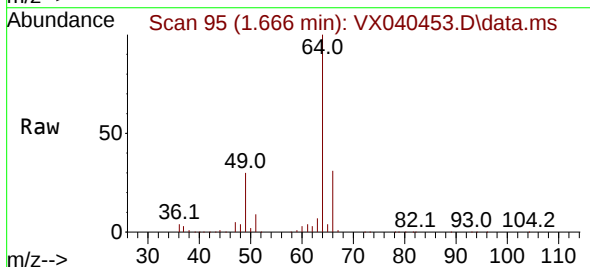
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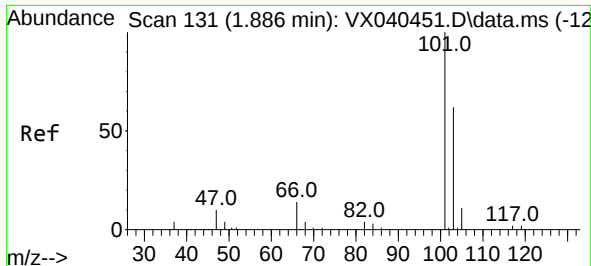
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 135.855 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
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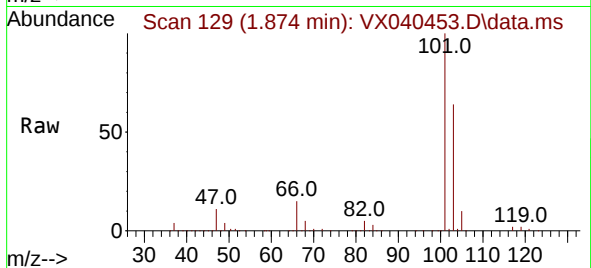
Tgt Ion: 64 Resp: 105604
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 149.352 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX040453.D
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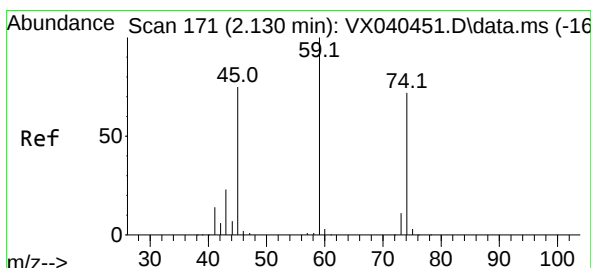
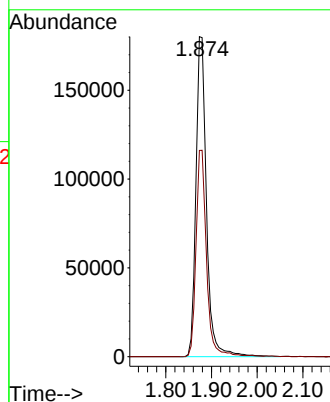
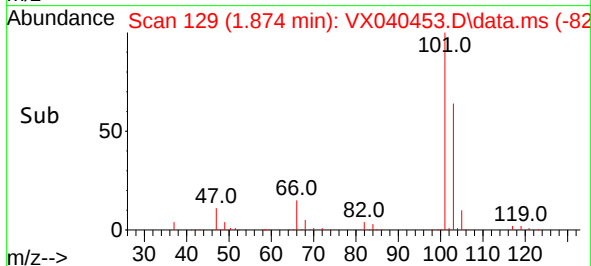
Instrument :
MSVOA_X
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VSTDICC150



Tgt Ion:101 Resp: 28973
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

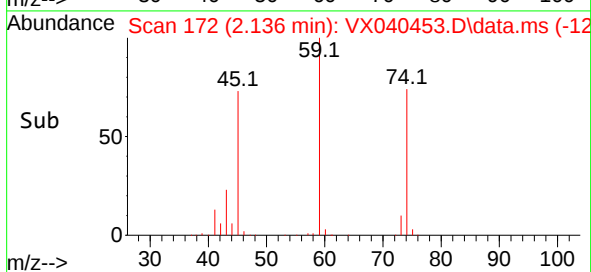
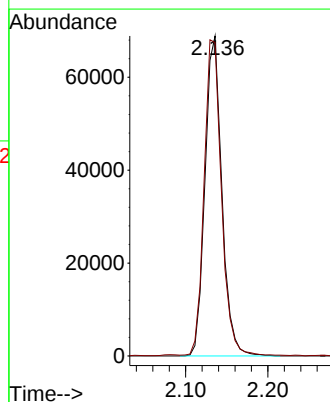
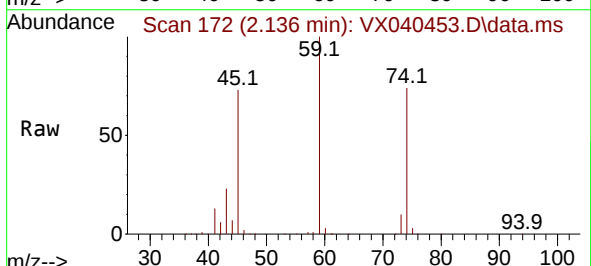
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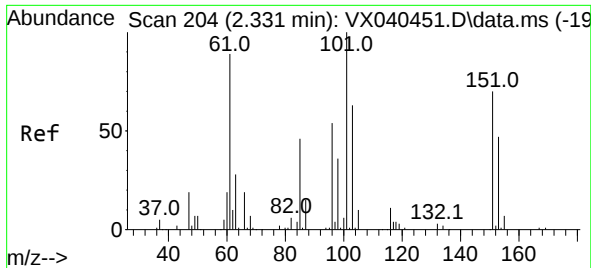
Reviewed By :John Carlone 02/27/2024
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#8
Diethyl Ether
Concen: 144.837 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 98213
Ion Ratio Lower Upper
74 100
45 101.8 53.3 159.8





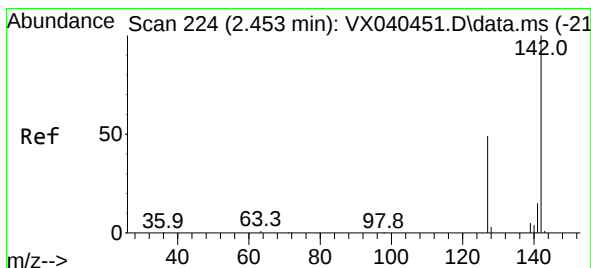
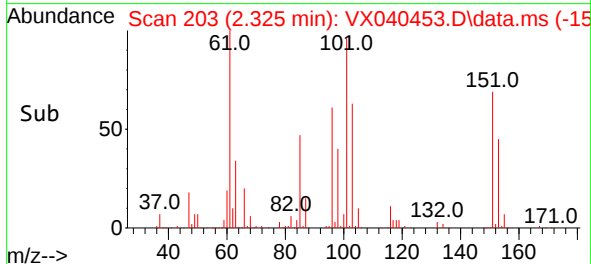
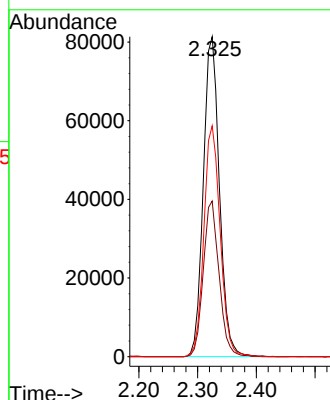
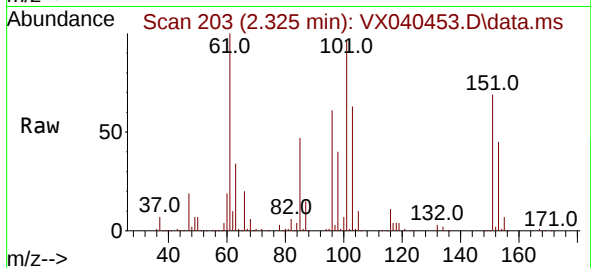
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.744 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 155324
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 73.0 58.6 87.8

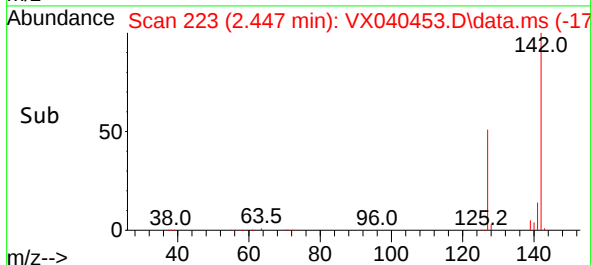
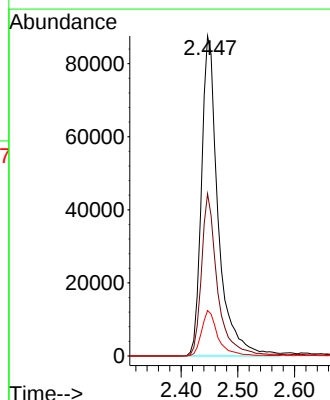
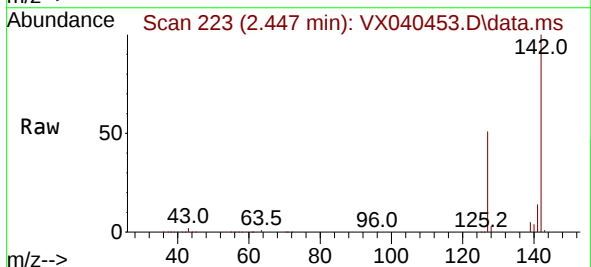
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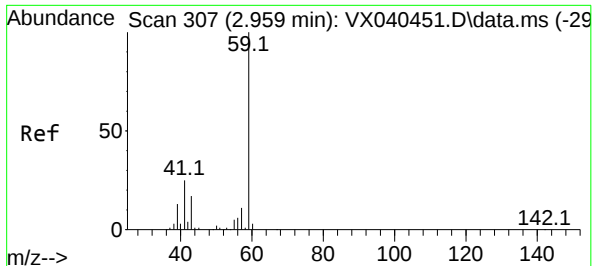
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#10
Methyl Iodide
Concen: 149.376 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion:142 Resp: 179451
Ion Ratio Lower Upper
142 100
127 48.7 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 781.726 ug/l

RT: 2.989 min Scan# 312

Delta R.T. 0.030 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 20225

Ion Ratio Lower Upper

59 100

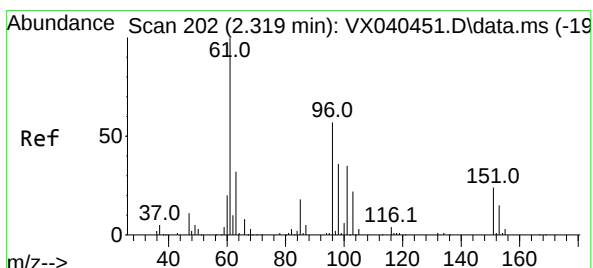
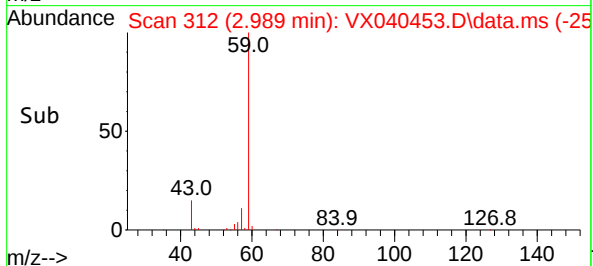
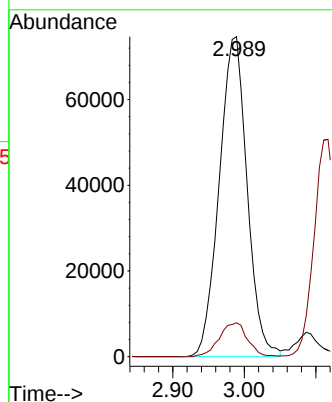
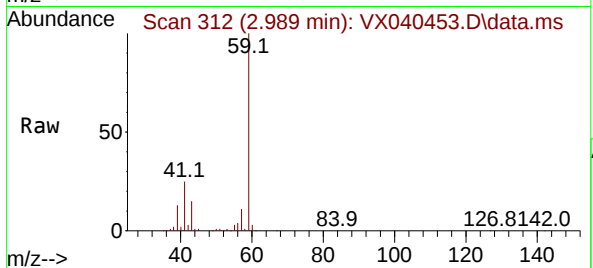
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#12

1,1-Dichloroethene

Concen: 142.456 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

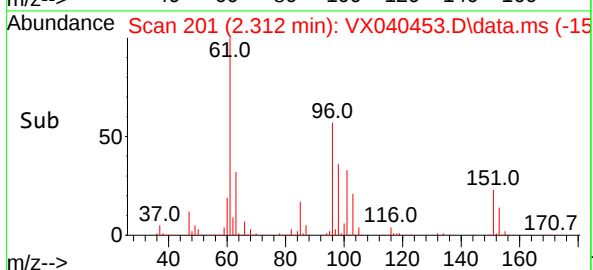
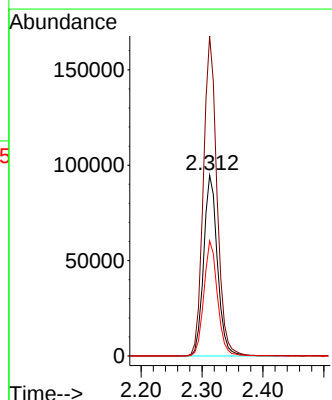
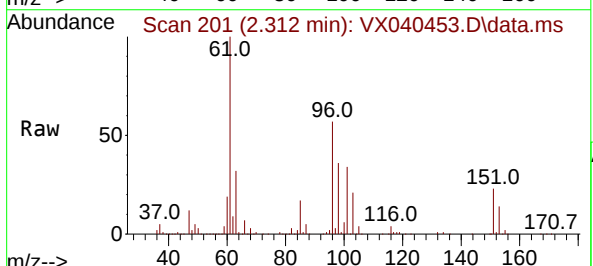
Tgt Ion: 96 Resp: 149350

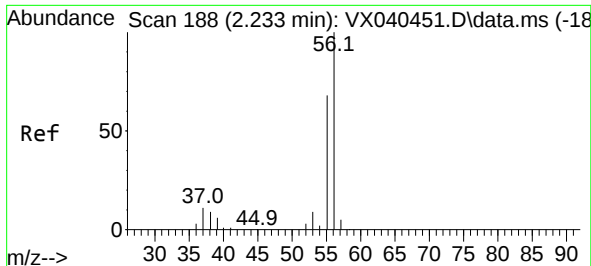
Ion Ratio Lower Upper

96 100

61 177.0 144.6 216.8

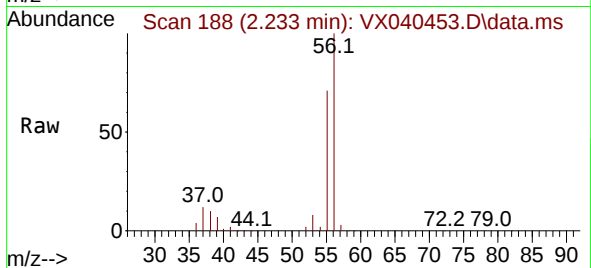
98 63.6 50.4 75.6





#13
Acrolein
Concen: 918.214 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

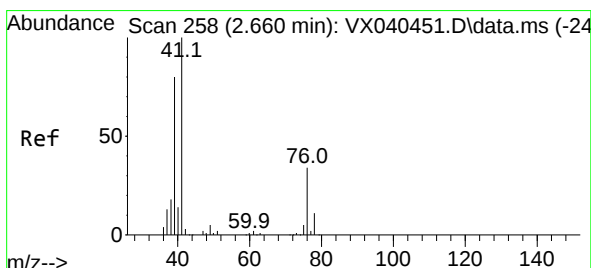
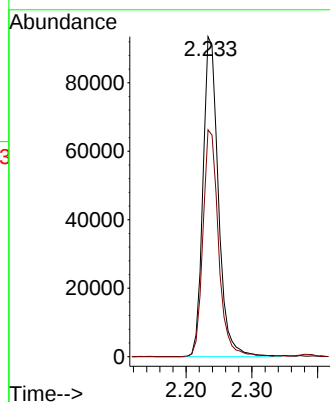
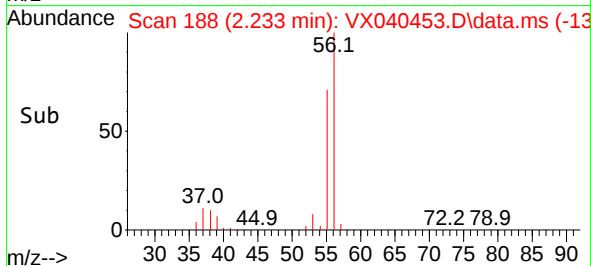
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 152309
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

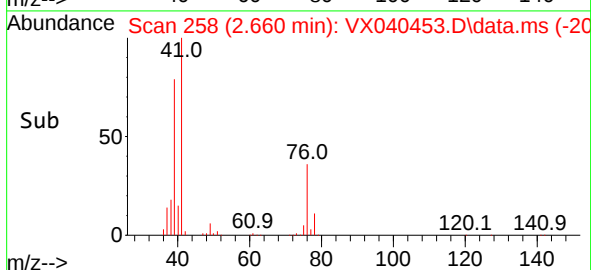
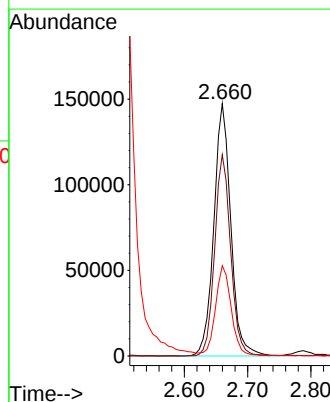
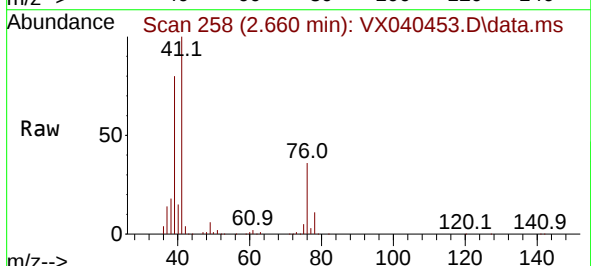
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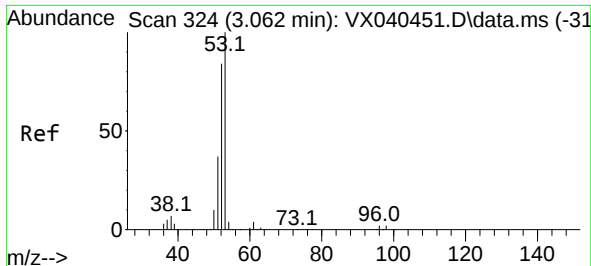
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#14
Allyl chloride
Concen: 149.843 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

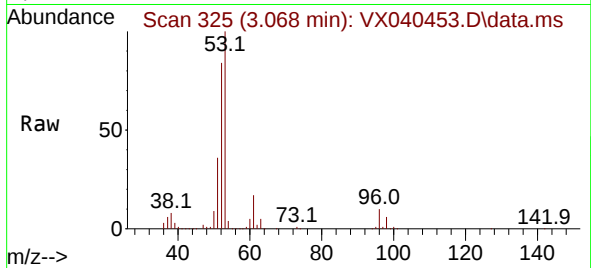
Tgt Ion: 41 Resp: 274836
Ion Ratio Lower Upper
41 100
39 75.0 55.8 83.6
76 33.4 24.3 36.5





#15
Acrylonitrile
Concen: 716.584 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

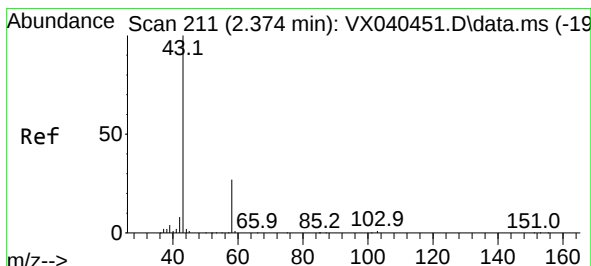
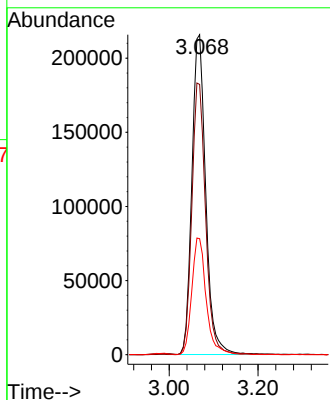
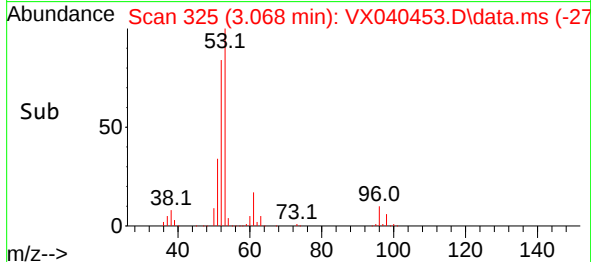
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 465050
Ion Ratio Lower Upper
53 100
52 84.6 66.0 99.0
51 37.5 29.8 44.6

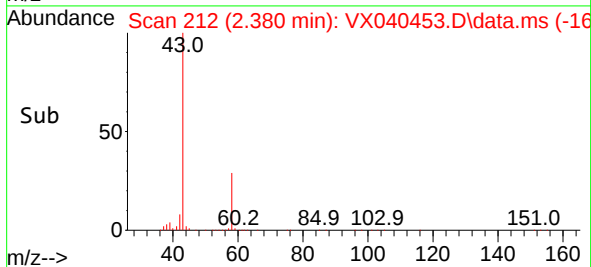
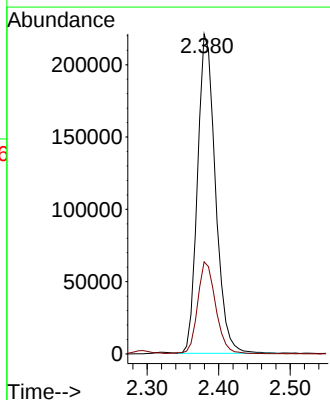
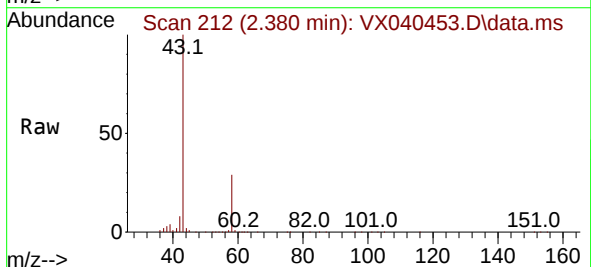
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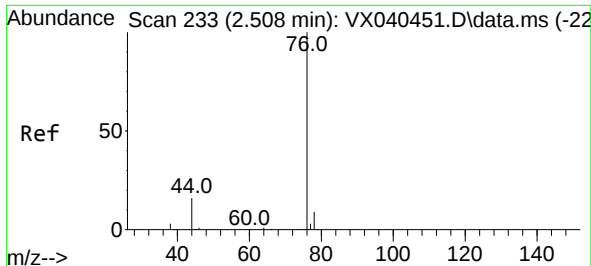
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#16
Acetone
Concen: 764.971 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 43 Resp: 383952
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9





#17

Carbon Disulfide

Concen: 142.857 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 414740

Ion Ratio Lower Upper

76 100

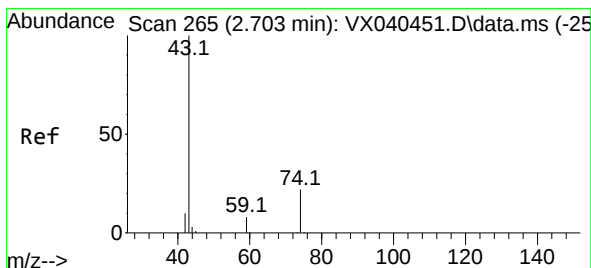
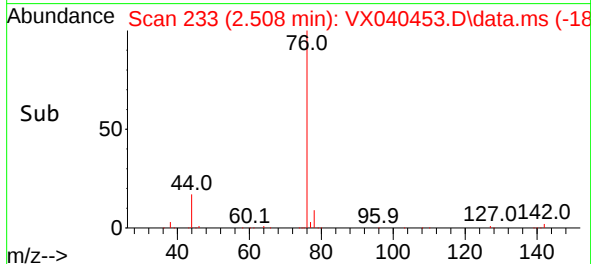
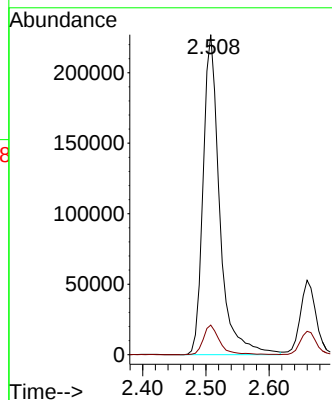
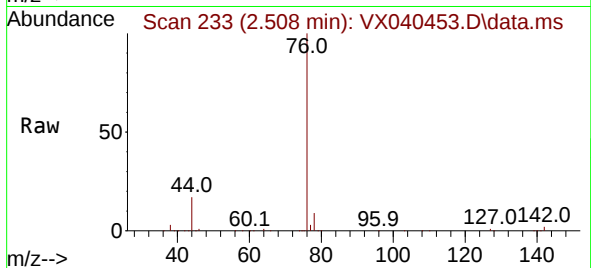
78 9.3 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#18

Methyl Acetate

Concen: 150.396 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040453.D

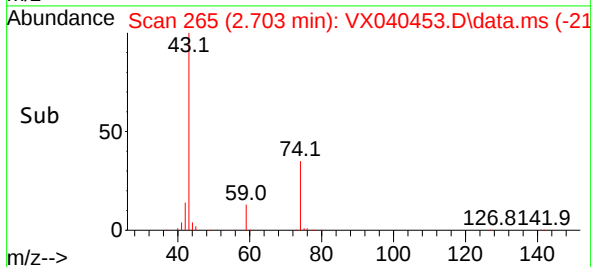
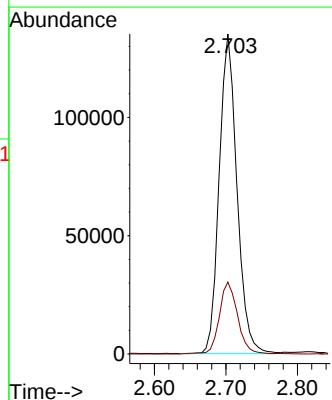
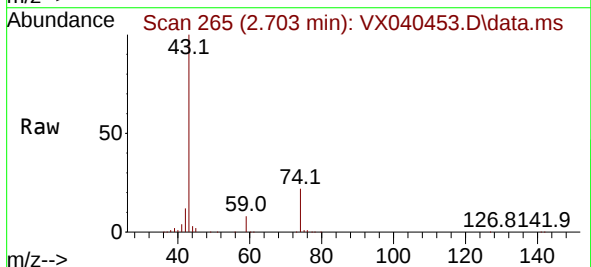
Acq: 26 Feb 2024 11:38

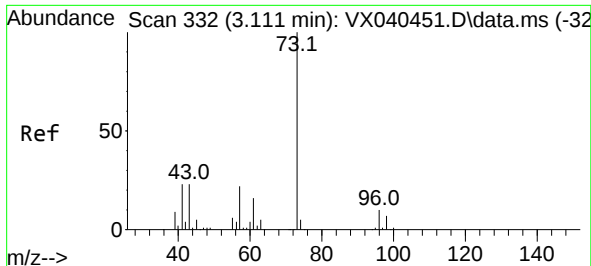
Tgt Ion: 43 Resp: 232721

Ion Ratio Lower Upper

43 100

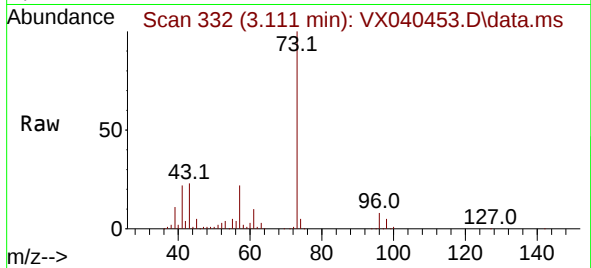
74 23.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 150.601 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

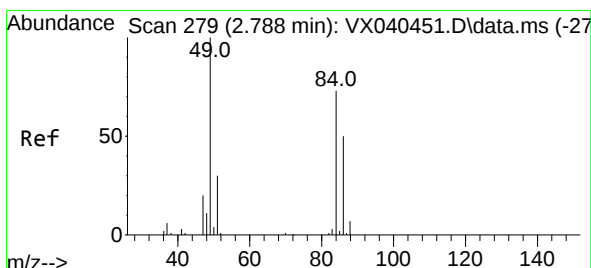
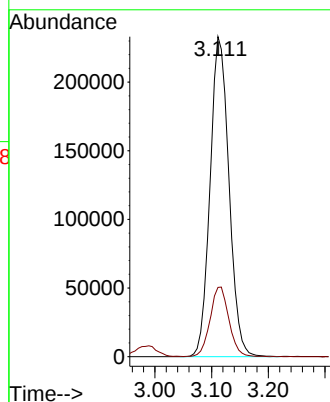
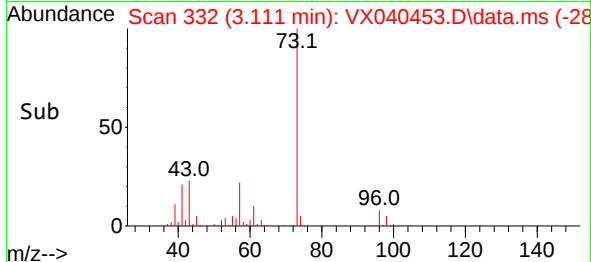
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 53855
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

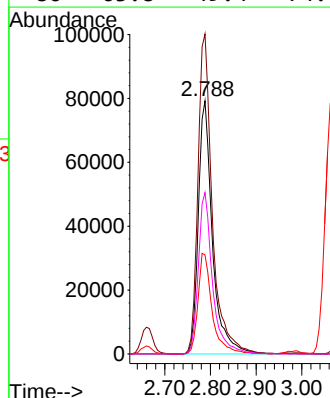
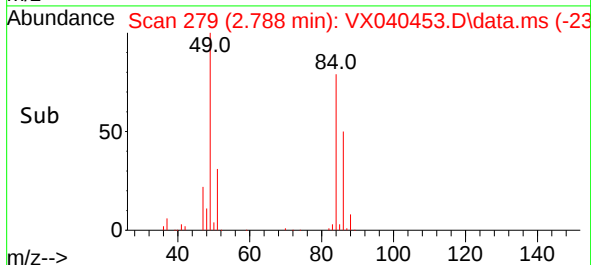
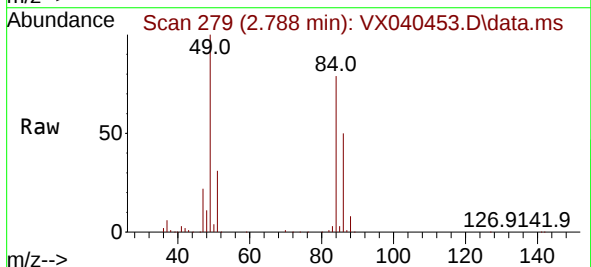
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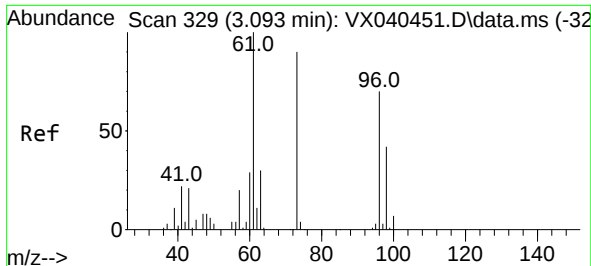
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#20
Methylene Chloride
Concen: 142.102 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

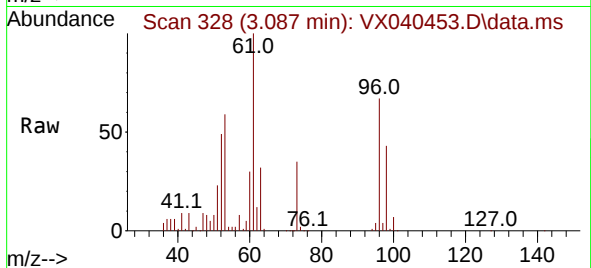
Tgt Ion: 84 Resp: 170680
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 39.1 33.8 50.6
86 63.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 144.829 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

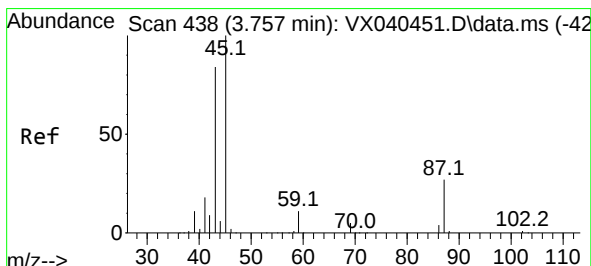
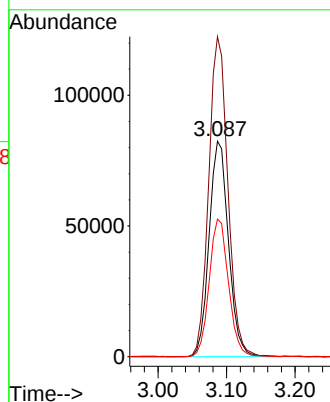
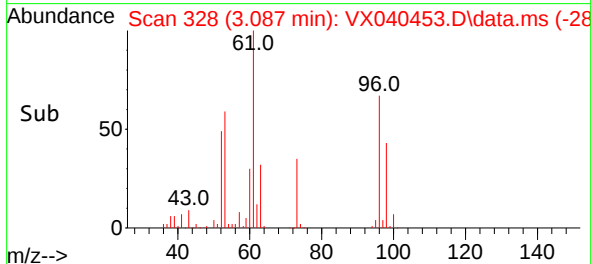
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



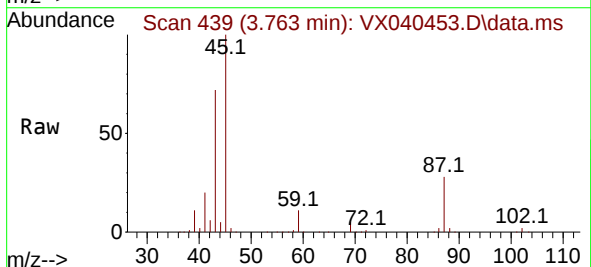
Tgt Ion: 96 Resp: 16193
Ion Ratio Lower Upper
96 100
61 148.4 119.2 178.8
98 63.8 48.7 73.1

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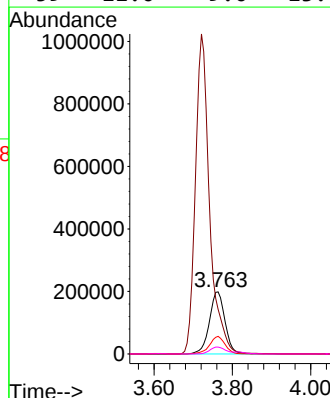
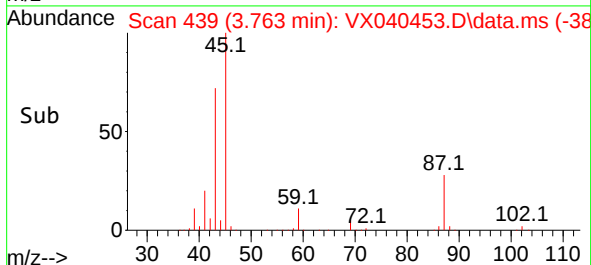
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

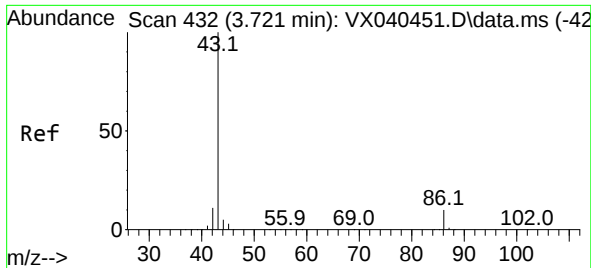


#22
Diisopropyl ether
Concen: 148.240 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



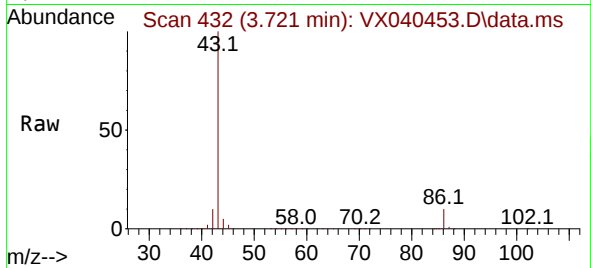
Tgt Ion: 45 Resp: 546389
Ion Ratio Lower Upper
45 100
43 71.7 69.7 104.5
87 28.3 20.8 31.2
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 764.407 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040453.D
 Acq: 26 Feb 2024 11:38

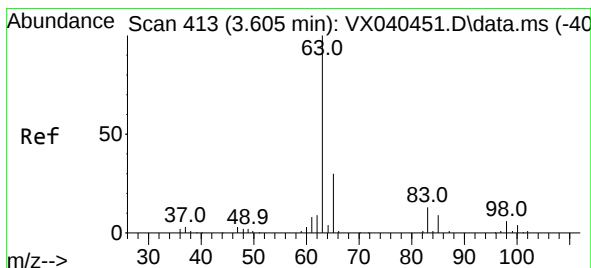
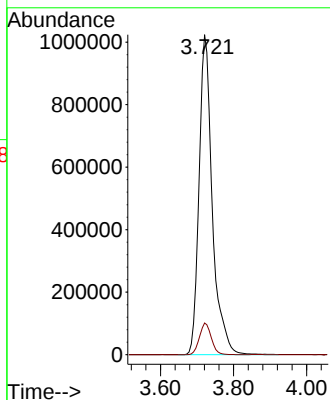
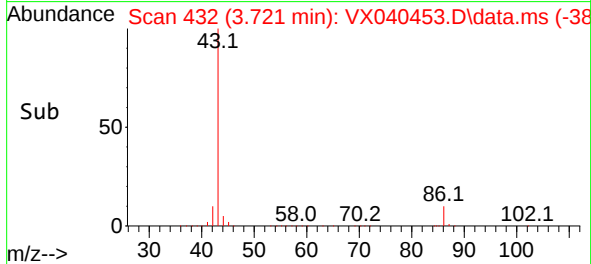
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



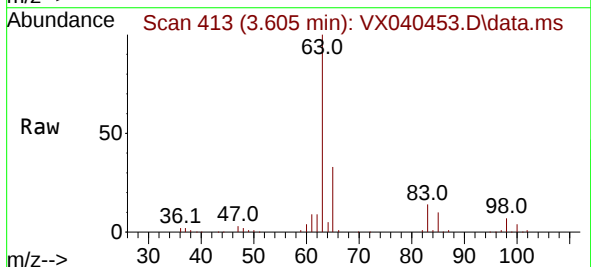
Tgt Ion: 43 Resp: 258089
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

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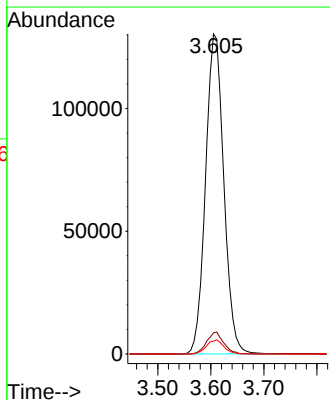
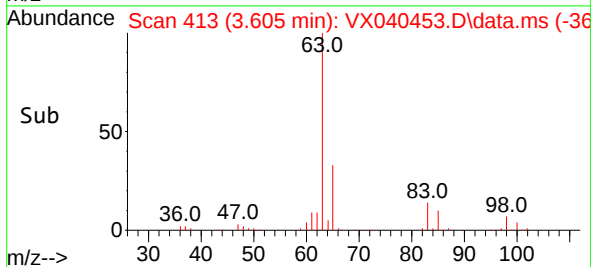
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

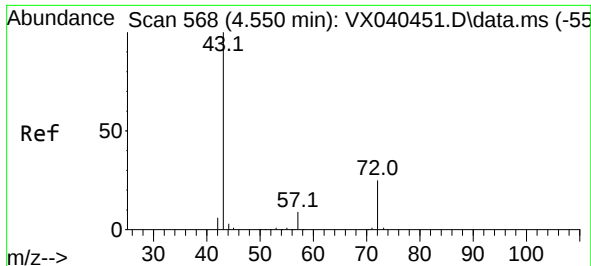


#24
 1,1-Dichloroethane
 Concen: 145.020 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040453.D
 Acq: 26 Feb 2024 11:38



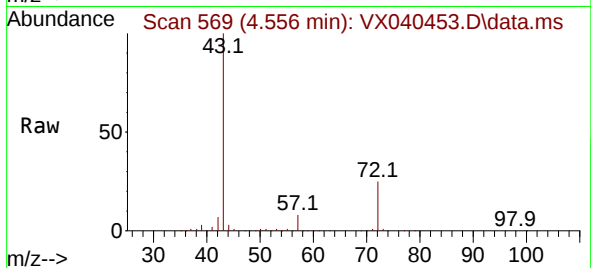
Tgt Ion: 63 Resp: 311702
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 744.692 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

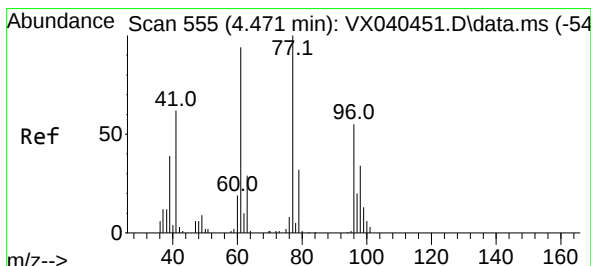
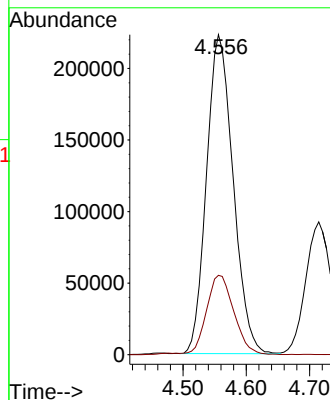
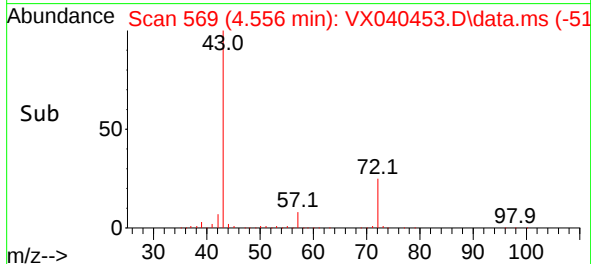
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 651220
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

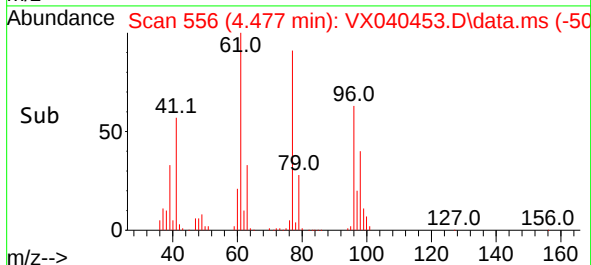
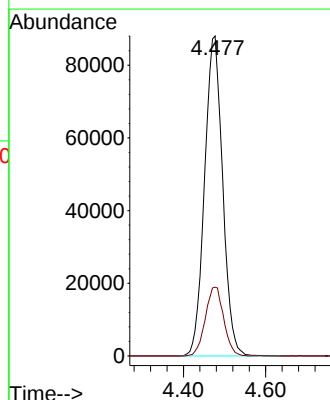
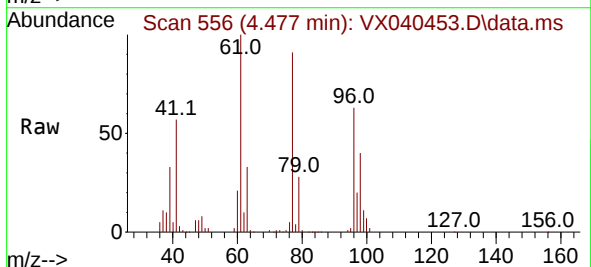
Manual Integrations
APPROVED

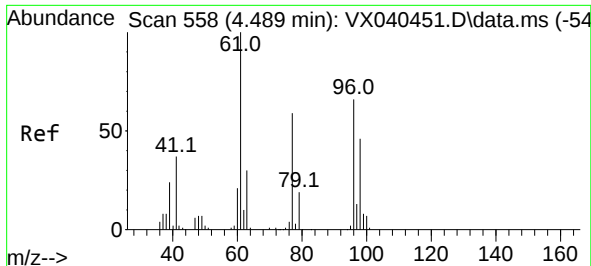
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#26
2,2-Dichloropropane
Concen: 156.987 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 77 Resp: 268654
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 143.405 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 187578

Ion Ratio Lower Upper

96 100

61 157.8 0.0 312.2

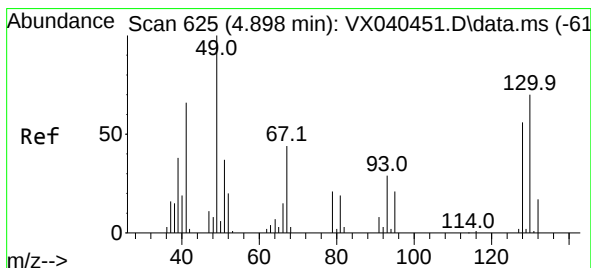
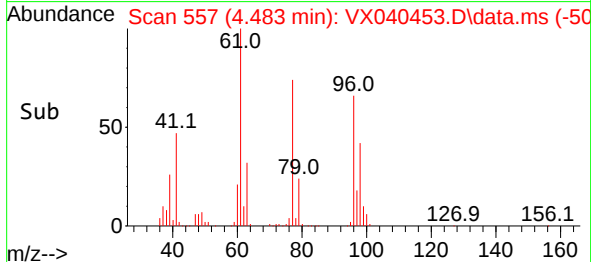
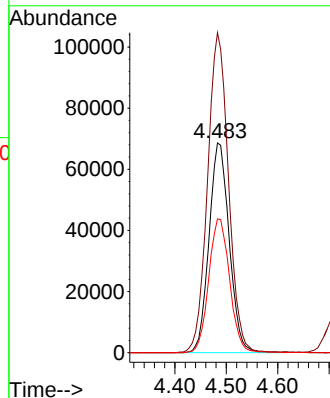
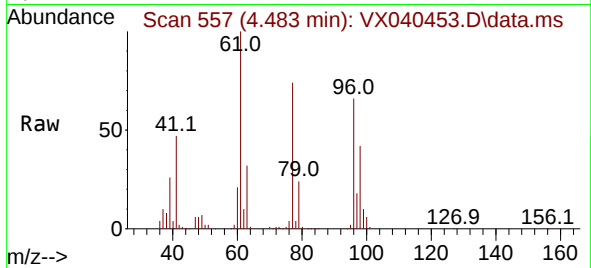
98 65.9 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#28

Bromochloromethane

Concen: 144.432 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

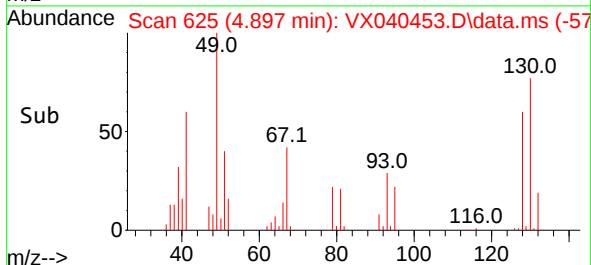
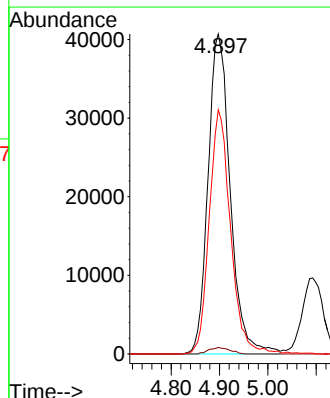
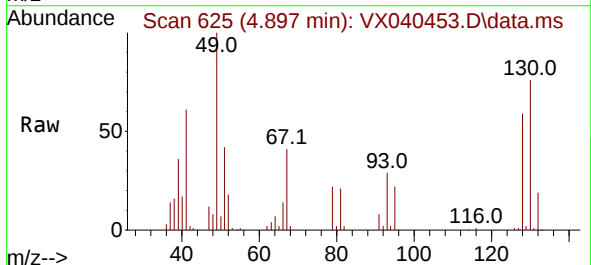
Tgt Ion: 49 Resp: 129859

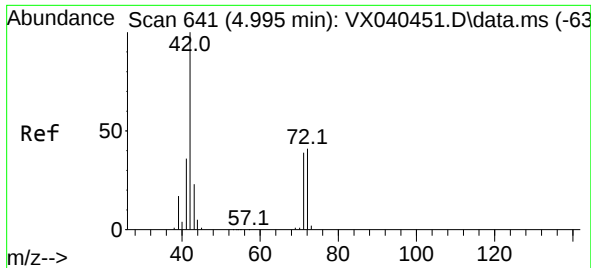
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 726.197 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 44302

Ion Ratio Lower Upper

42 100

72 44.1 34.2 51.4

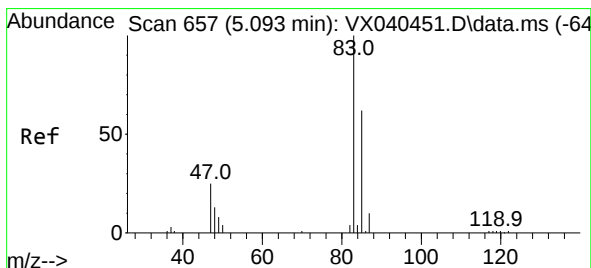
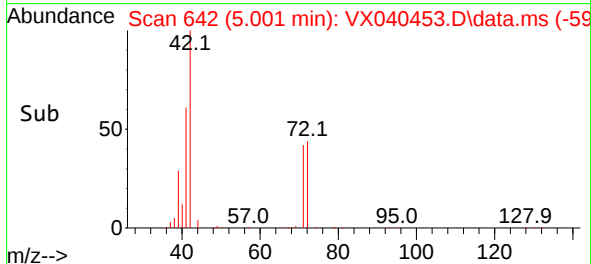
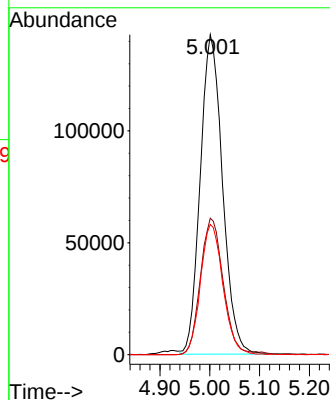
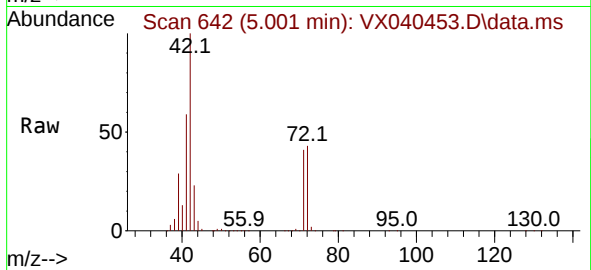
71 41.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#30

Chloroform

Concen: 146.509 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX040453.D

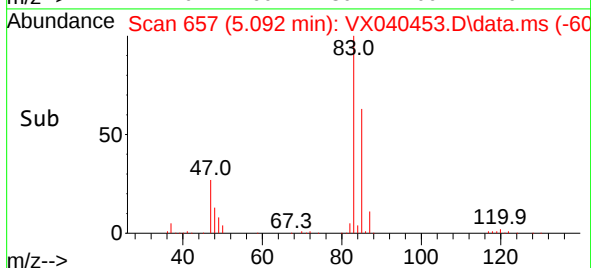
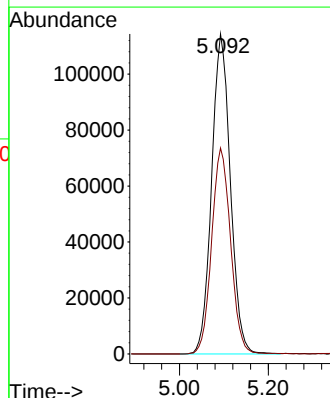
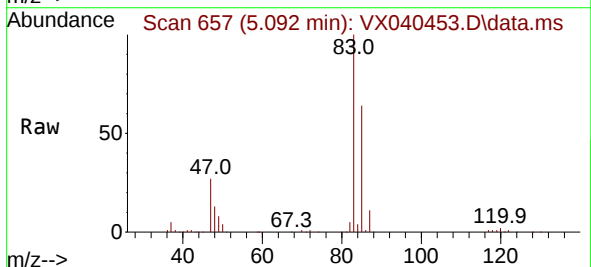
Acq: 26 Feb 2024 11:38

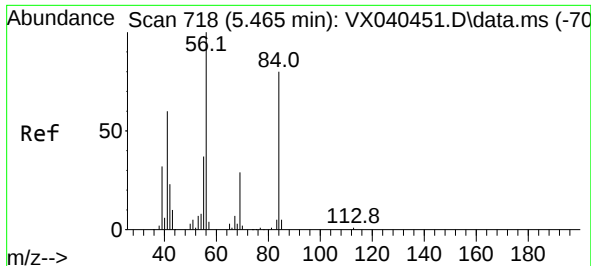
Tgt Ion: 83 Resp: 334251

Ion Ratio Lower Upper

83 100

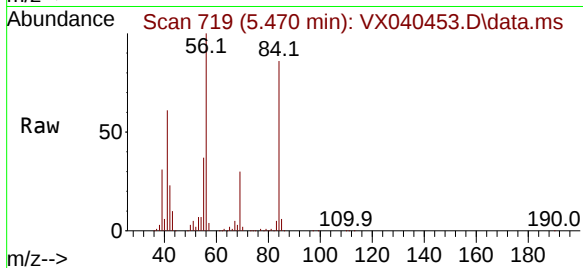
85 64.4 50.3 75.5





#31
Cyclohexane
Concen: 149.765 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

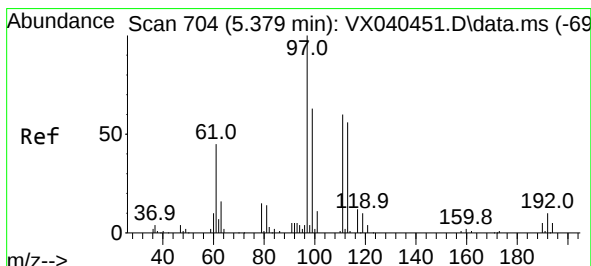
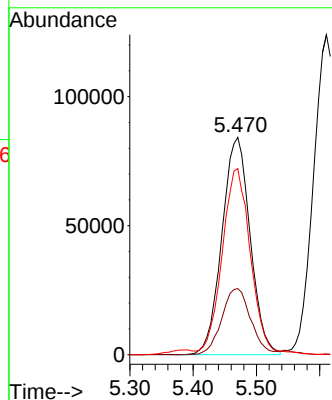
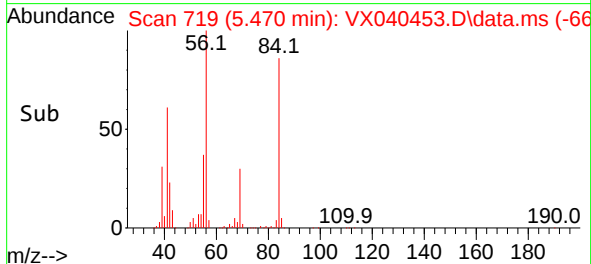
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 26114
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 83.9 65.9 98.9

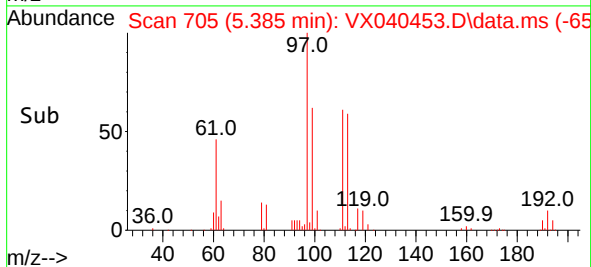
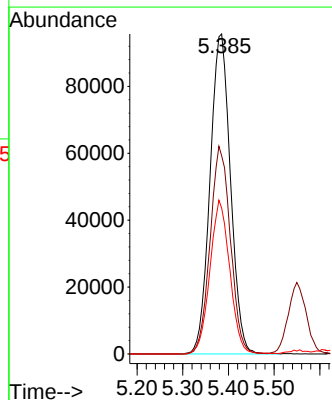
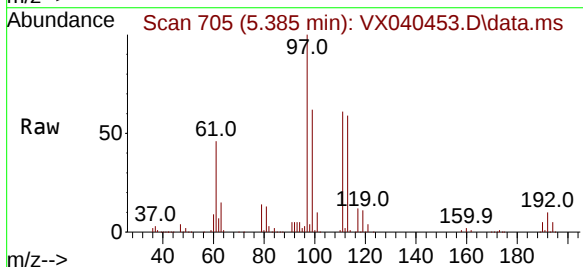
Manual Integrations
APPROVED

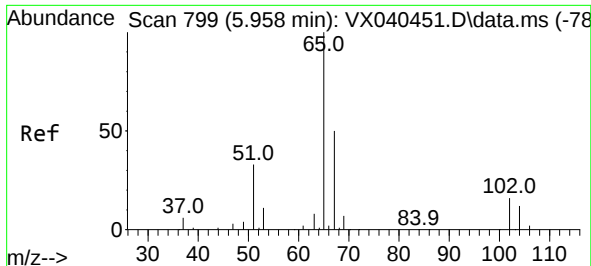
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 152.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 97 Resp: 297331
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 46.7 36.4 54.6





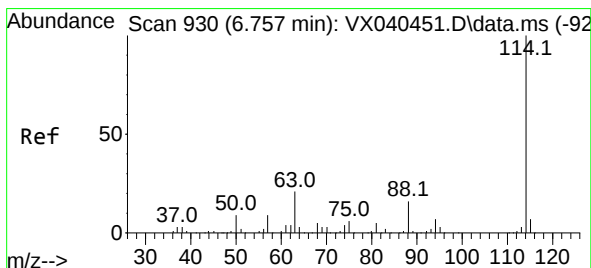
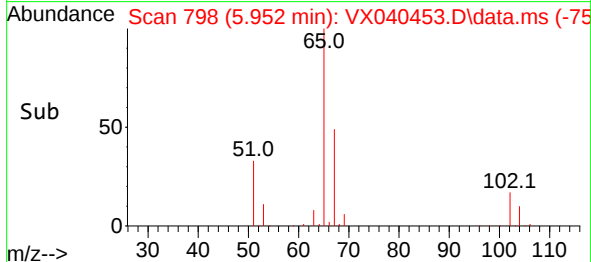
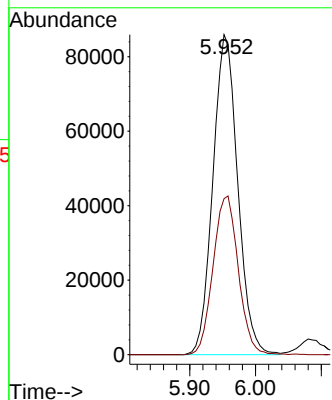
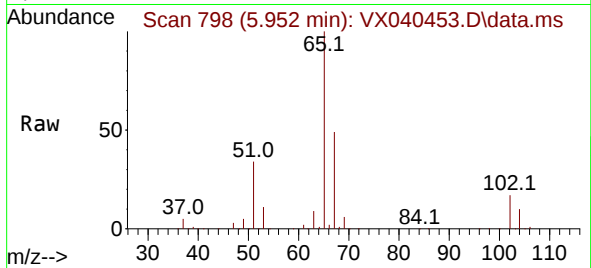
#33
1,2-Dichloroethane-d4
Concen: 146.837 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 22599
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

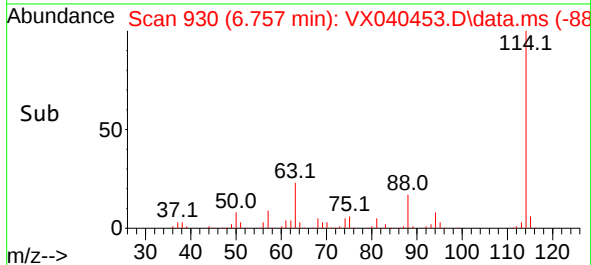
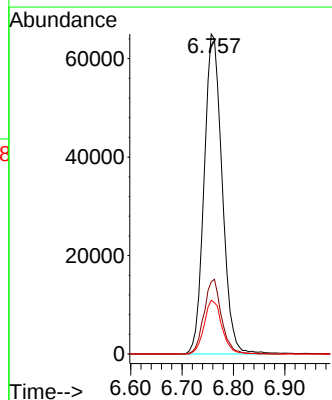
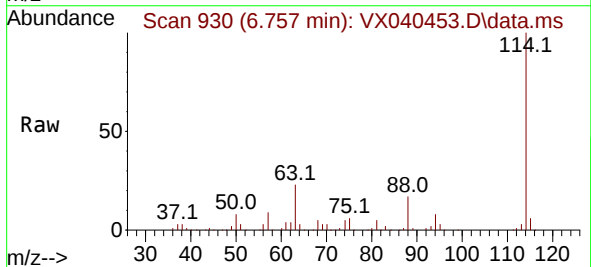
Manual Integrations
APPROVED

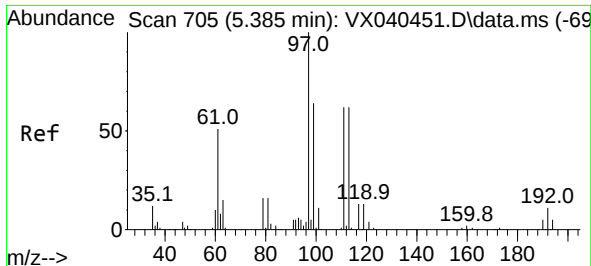
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

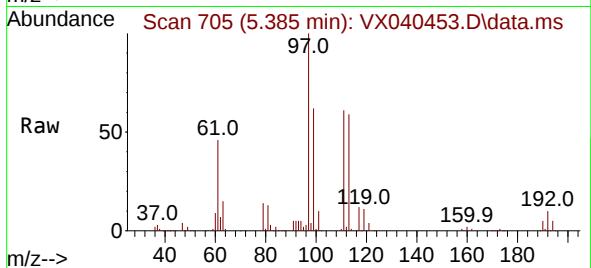
Tgt Ion:114 Resp: 158045
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 148.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

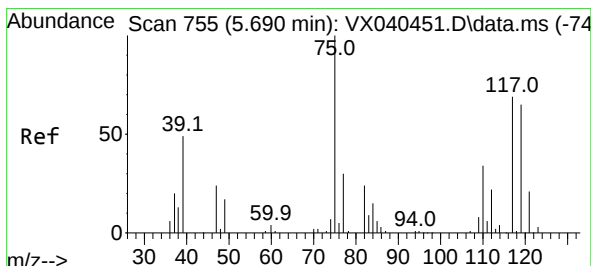
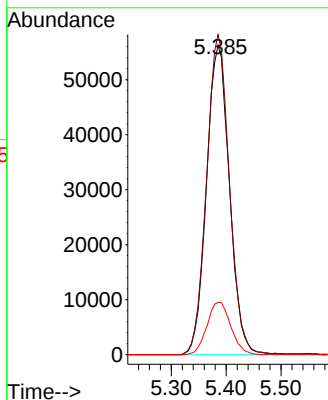
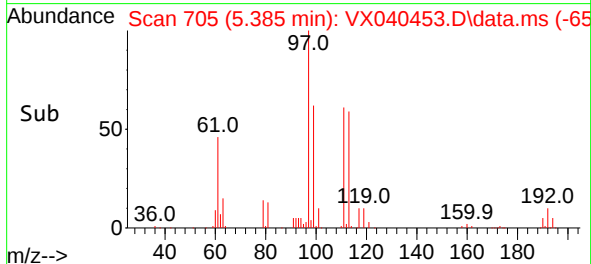
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



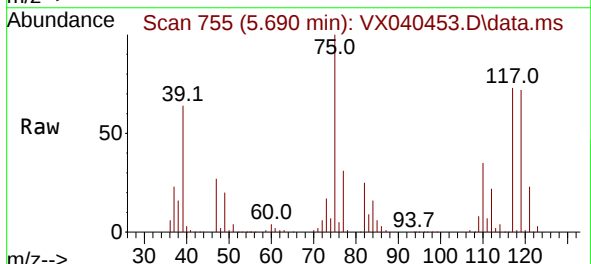
Tgt Ion: 113 Resp: 16341
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.6 13.3 19.9

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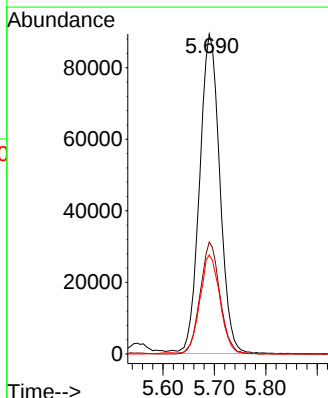
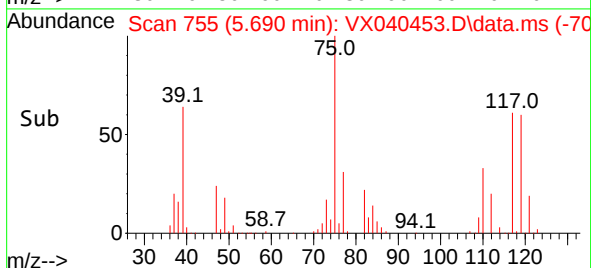
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

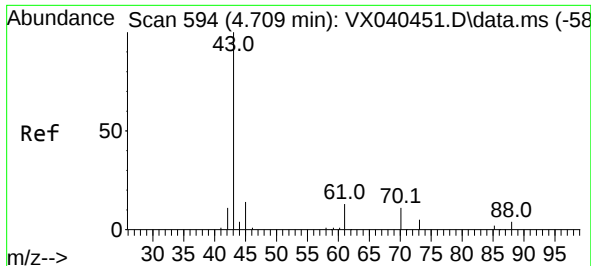


#36
1,1-Dichloropropene
Concen: 143.589 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



Tgt Ion: 75 Resp: 243135
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 30.9 24.7 37.1





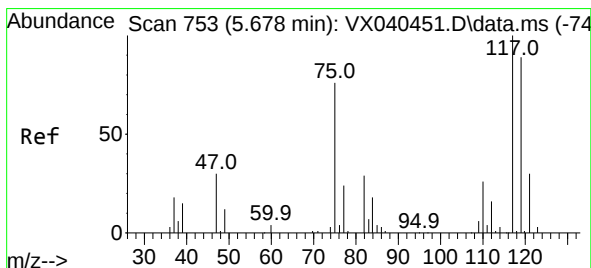
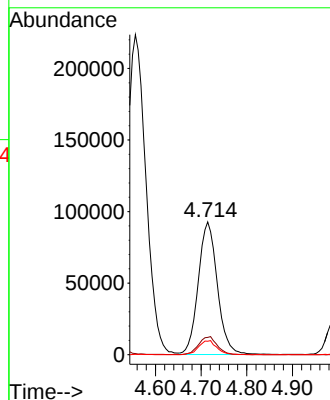
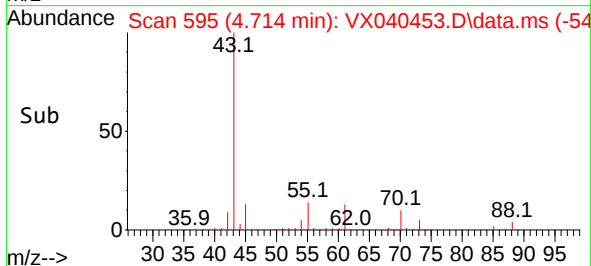
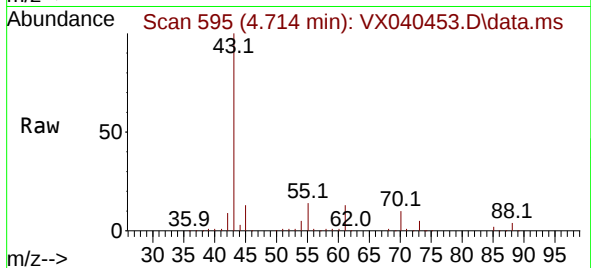
#37
Ethyl Acetate
Concen: 144.900 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 268518
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.0 8.3 12.5

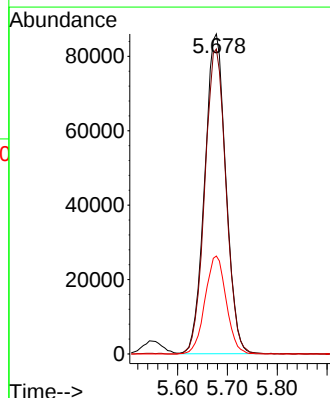
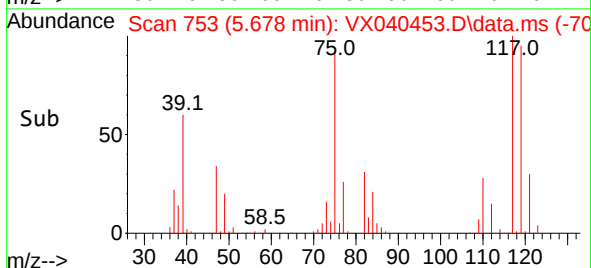
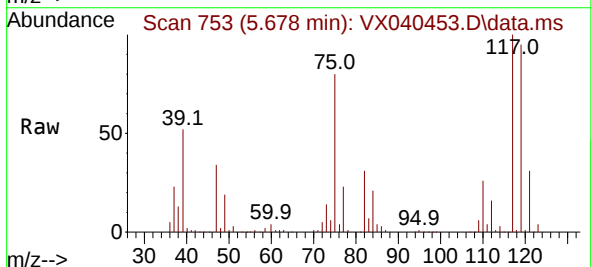
Manual Integrations
APPROVED

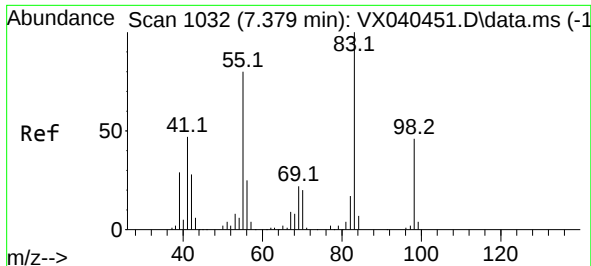
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#38
Carbon Tetrachloride
Concen: 155.063 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion:117 Resp: 253650
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 153.857 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

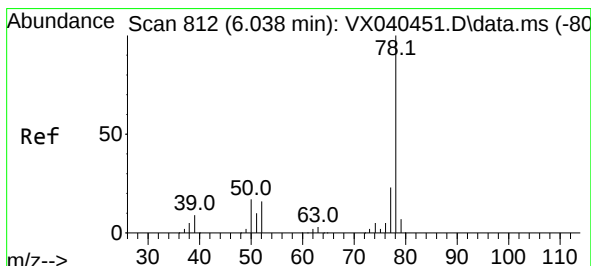
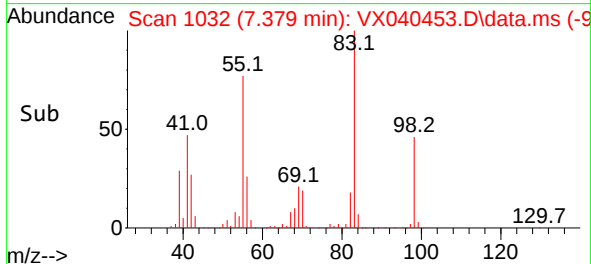
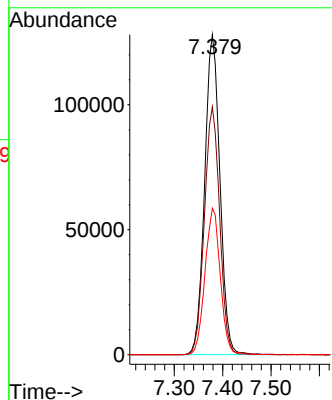
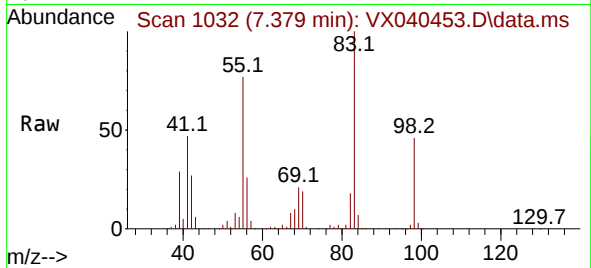
Tgt Ion: 83 Resp: 281274
Ion Ratio Lower Upper
83 100
55 77.4 64.6 97.0
98 45.8 36.7 55.1

Manual Integrations

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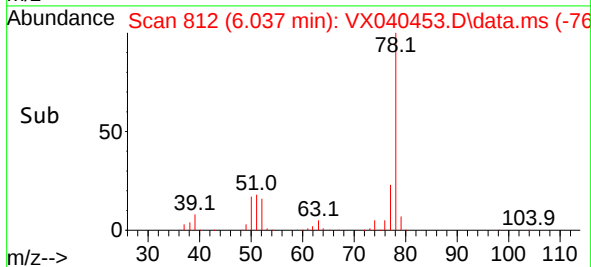
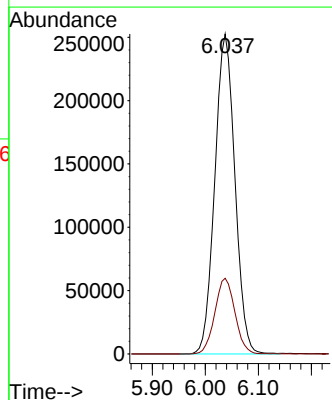
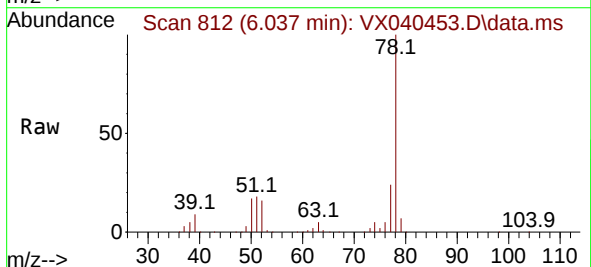
Reviewed By :John Carlone 02/27/2024

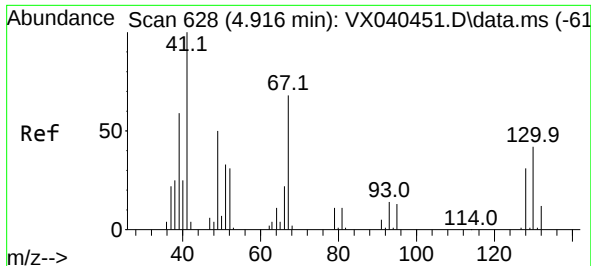
Supervised By :Semsettin Yesilyurt 02/27/2024



#40
Benzene
Concen: 145.019 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

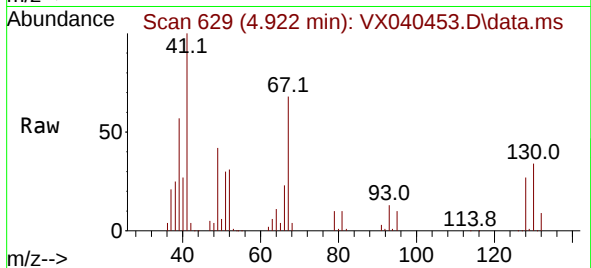
Tgt Ion: 78 Resp: 664825
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 144.781 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

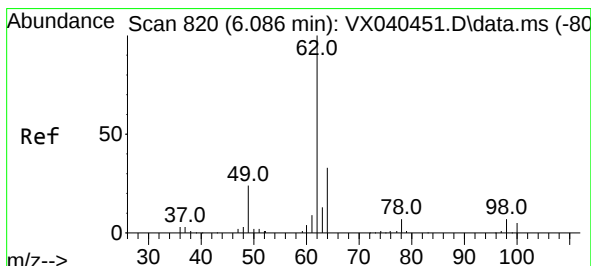
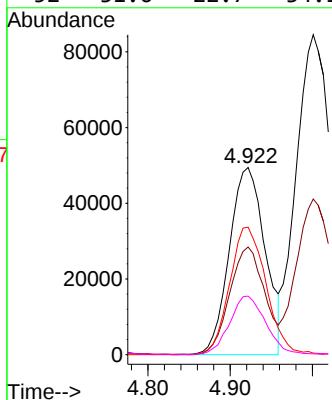
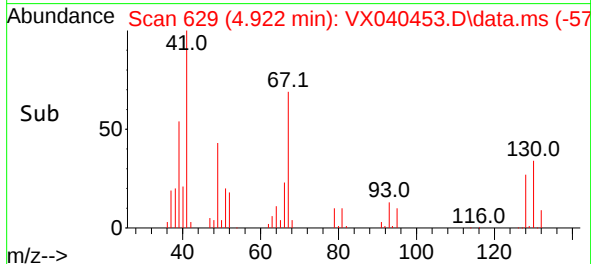
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 149860
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 69.5 52.6 78.8
52 31.6 22.7 34.1

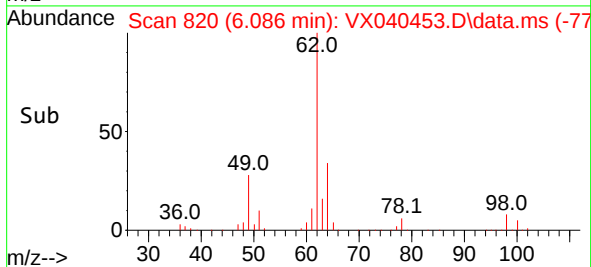
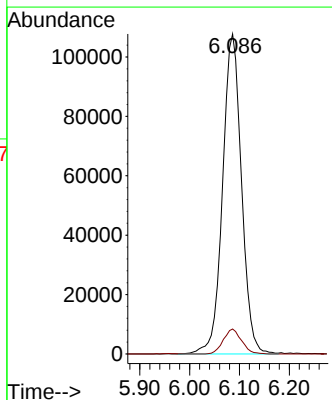
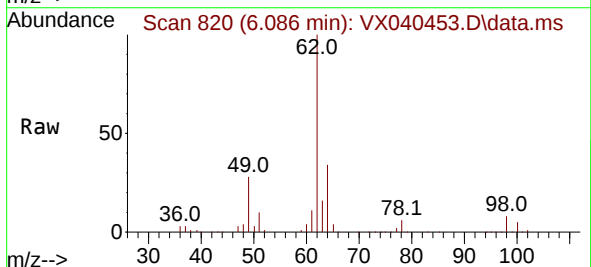
Manual Integrations
APPROVED

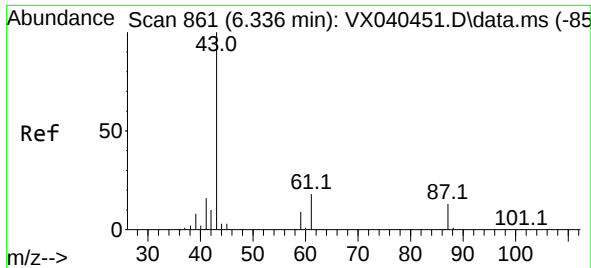
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#42
1,2-Dichloroethane
Concen: 149.429 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 62 Resp: 283531
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 152.675 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 44394

Ion Ratio Lower Upper

43 100

61 18.0 15.2 22.8

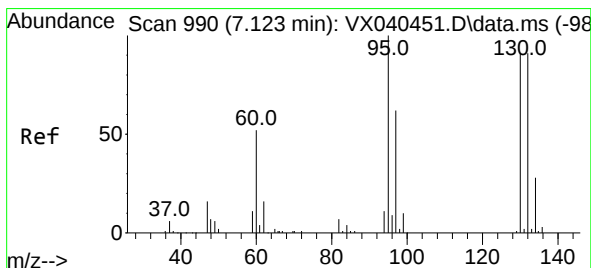
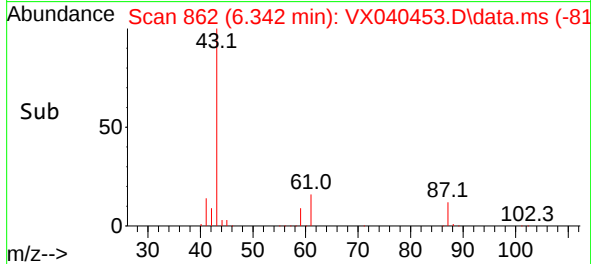
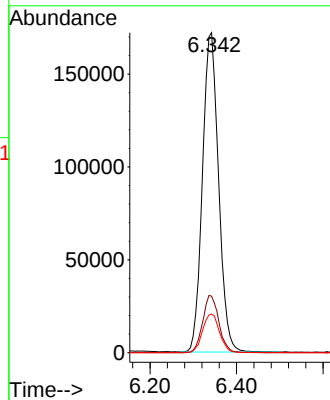
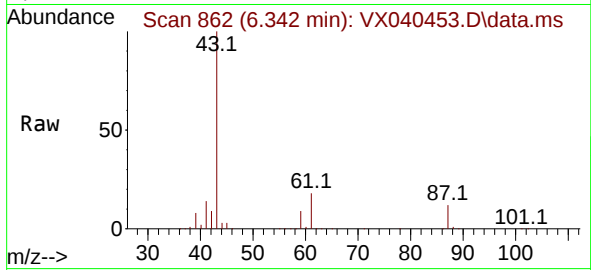
87 12.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#44

Trichloroethene

Concen: 145.273 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040453.D

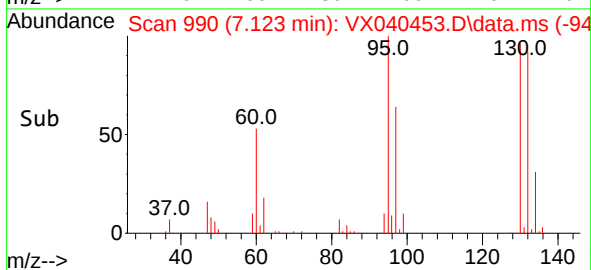
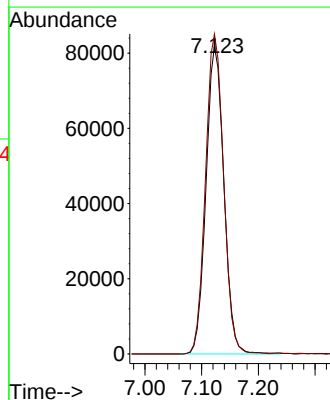
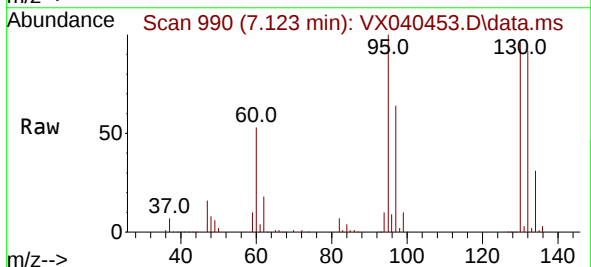
Acq: 26 Feb 2024 11:38

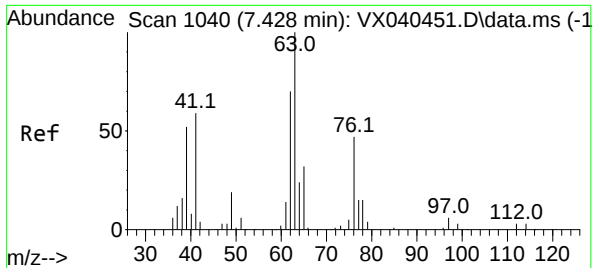
Tgt Ion:130 Resp: 179108

Ion Ratio Lower Upper

130 100

95 104.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 144.315 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 177063

Ion Ratio Lower Upper

63 100

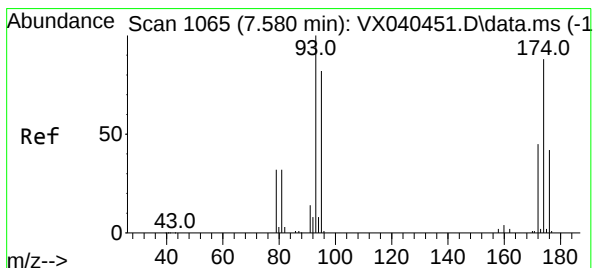
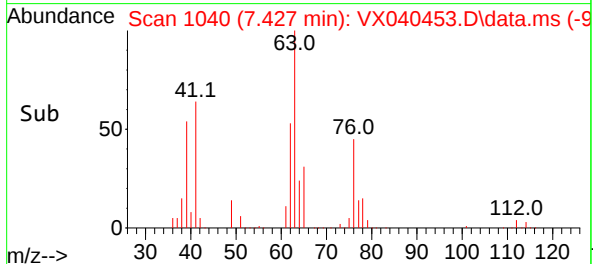
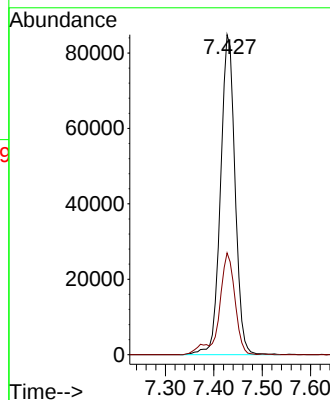
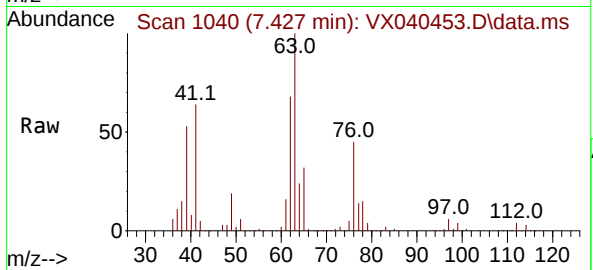
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#46

Dibromomethane

Concen: 147.096 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

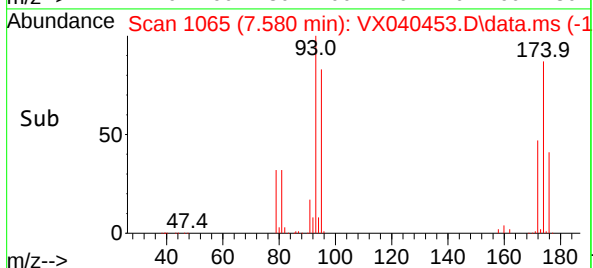
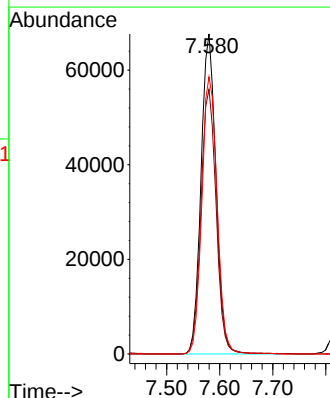
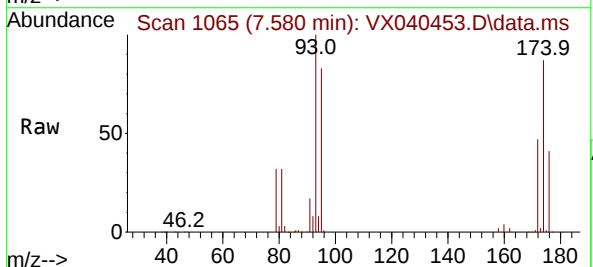
Tgt Ion: 93 Resp: 132685

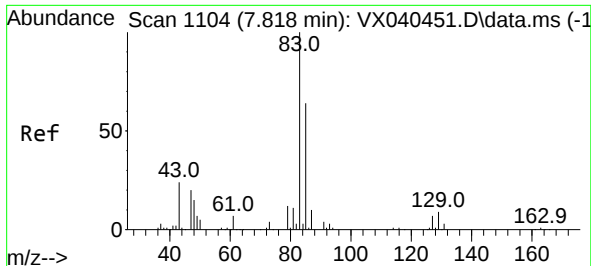
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 88.8 69.4 104.0





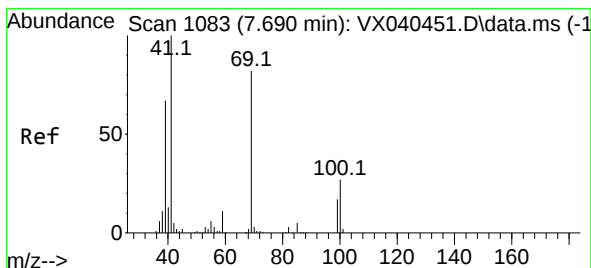
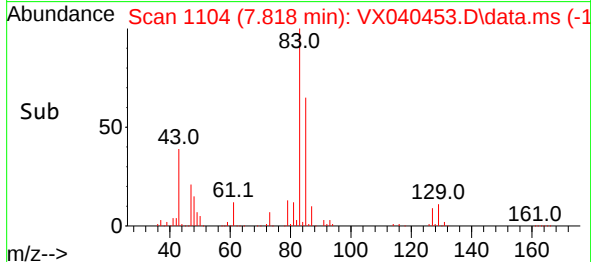
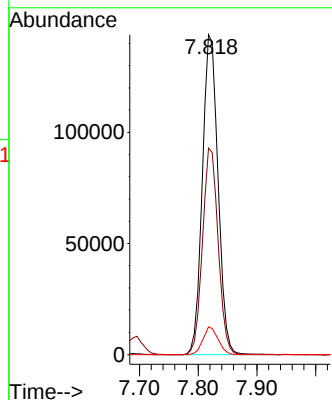
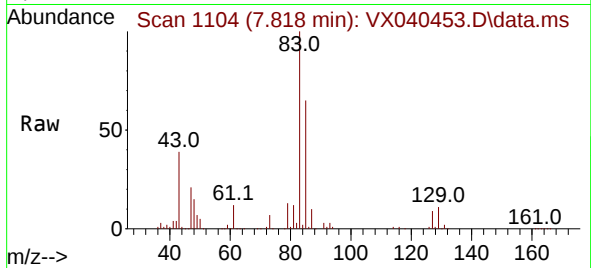
#47
Bromodichloromethane
Concen: 150.030 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 266460
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.7 7.1 10.7

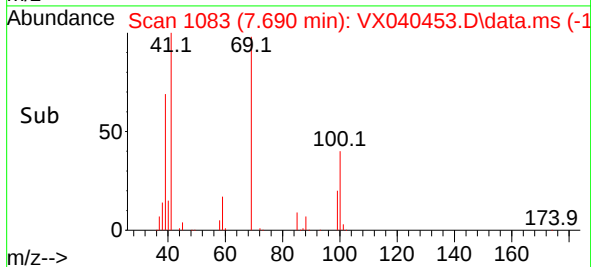
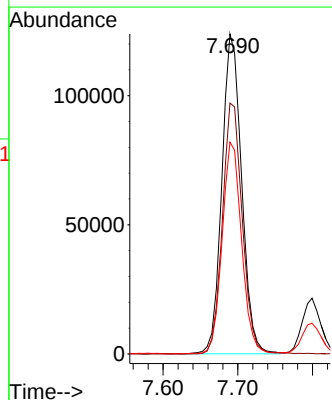
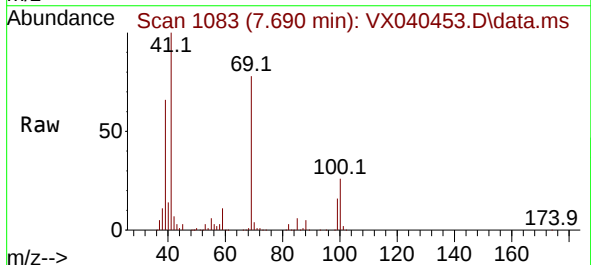
Manual Integrations
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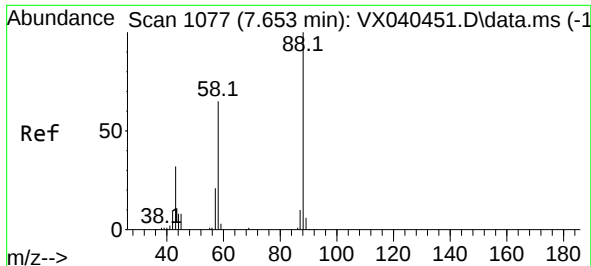
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#48
Methyl methacrylate
Concen: 156.482 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 41 Resp: 227424
Ion Ratio Lower Upper
41 100
69 79.1 59.2 88.8
39 65.3 47.7 71.5





#49

1,4-Dioxane

Concen: 3042.549 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

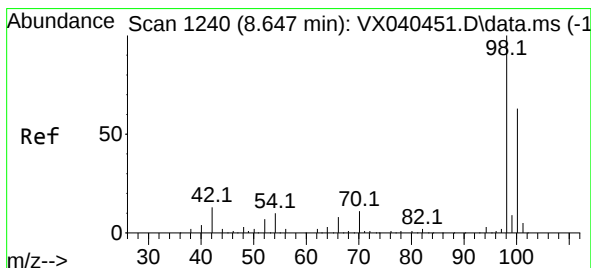
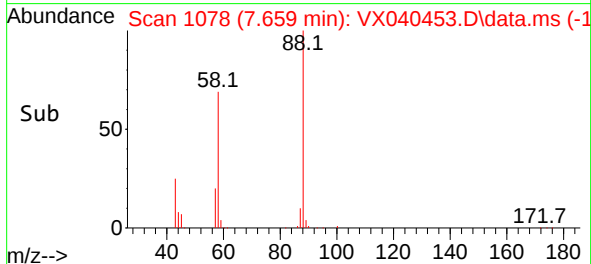
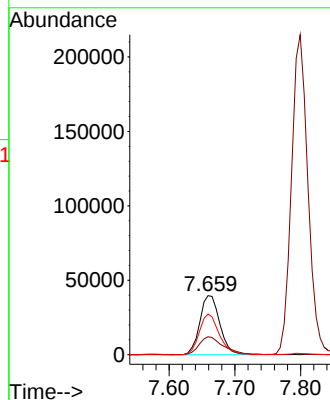
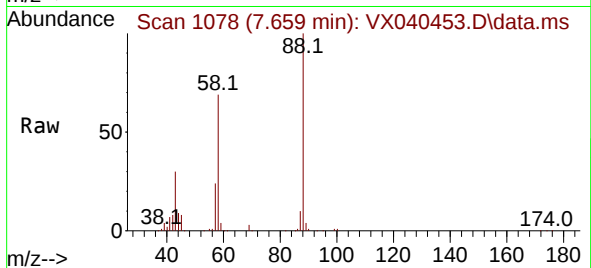
Tgt Ion: 88 Resp: 83649
 Ion Ratio Lower Upper
 88 100
 43 36.9 0.0 0.0
 58 68.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#50

Toluene-d8

Concen: 147.912 ug/l

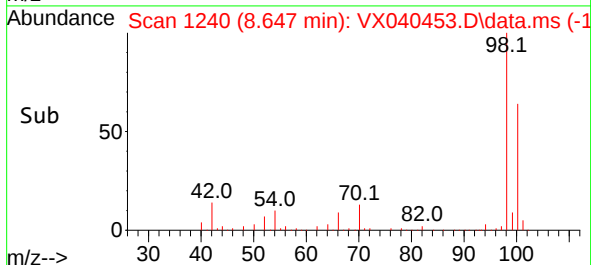
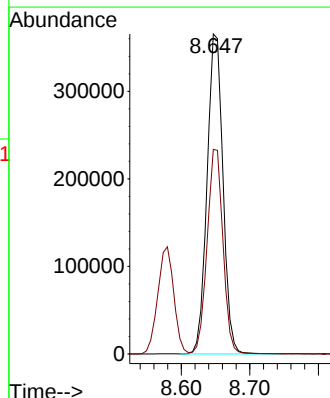
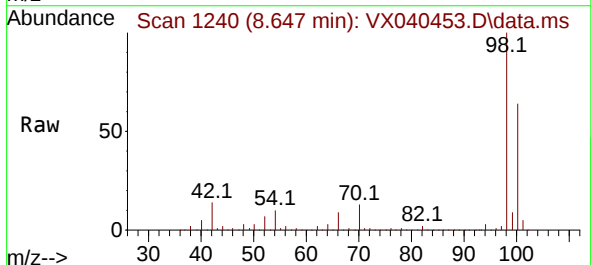
RT: 8.647 min Scan# 1240

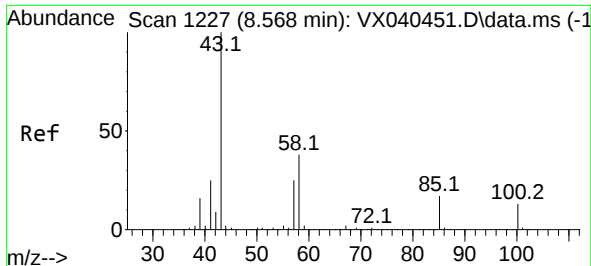
Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Tgt Ion: 98 Resp: 590074
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.1 79.7





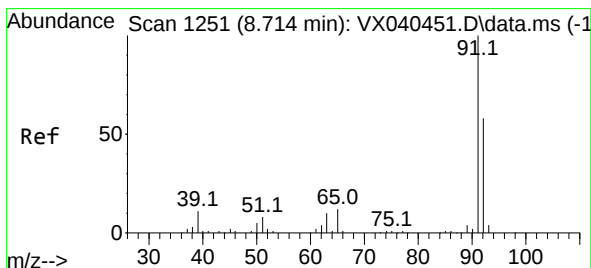
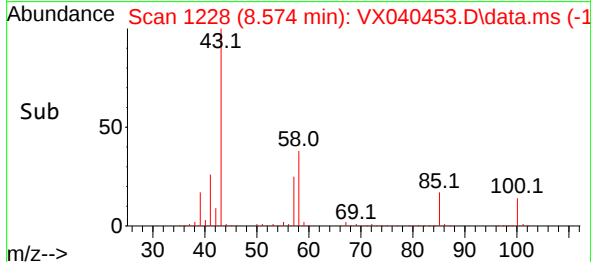
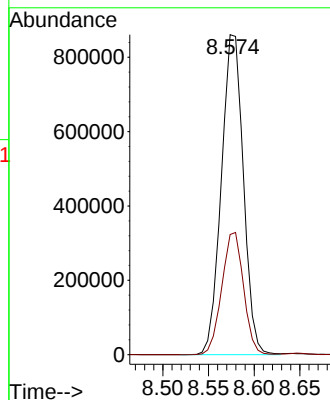
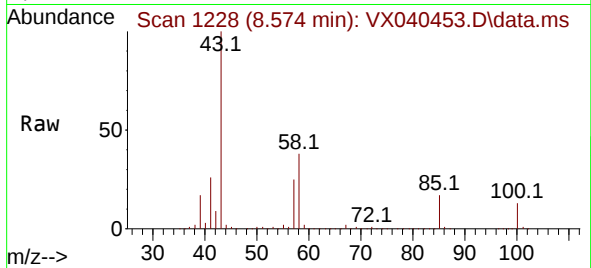
#51
4-Methyl-2-Pentanone
Concen: 752.255 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1446210
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

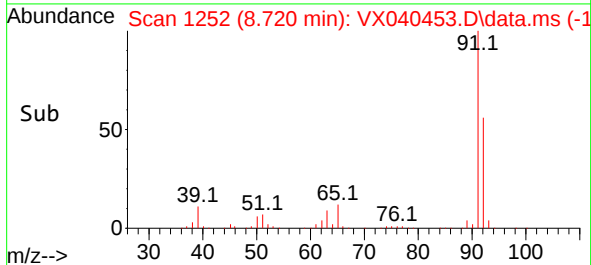
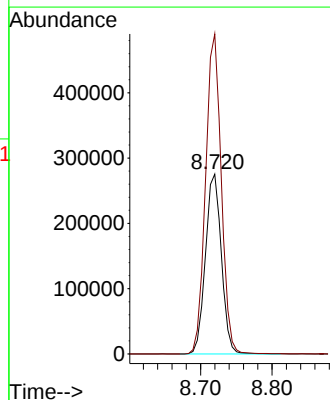
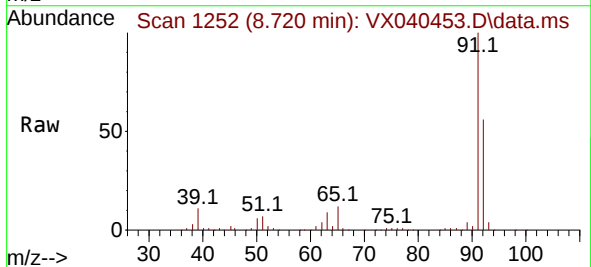
Manual Integrations
APPROVED

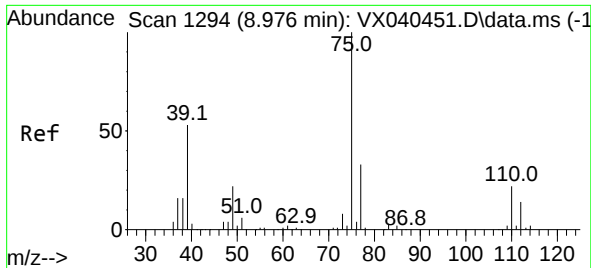
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#52
Toluene
Concen: 151.388 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 92 Resp: 425931
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 165.196 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 29775

Ion Ratio Lower Upper

75 100

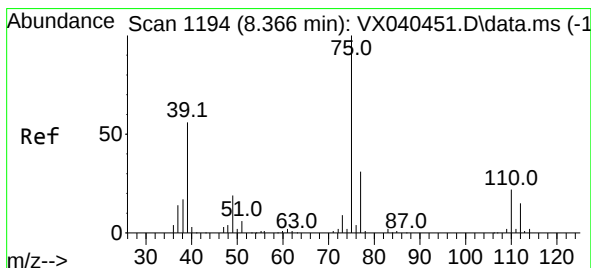
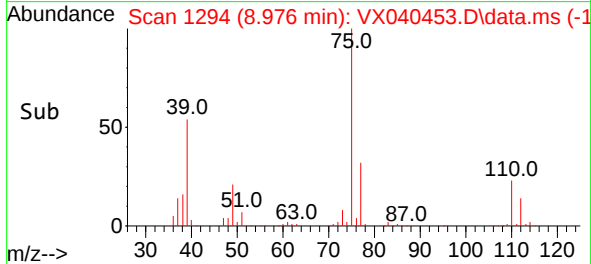
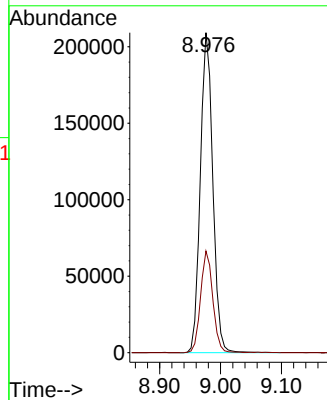
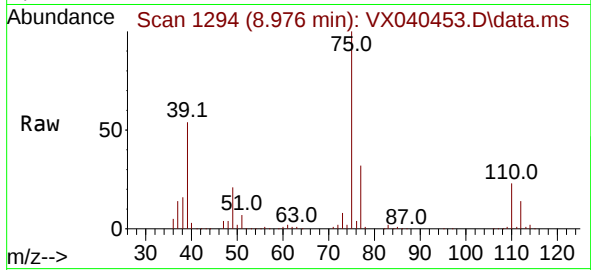
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#54

cis-1,3-Dichloropropene

Concen: 157.165 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

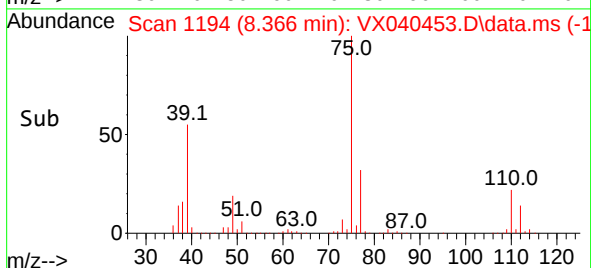
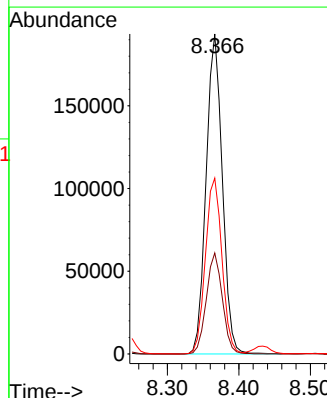
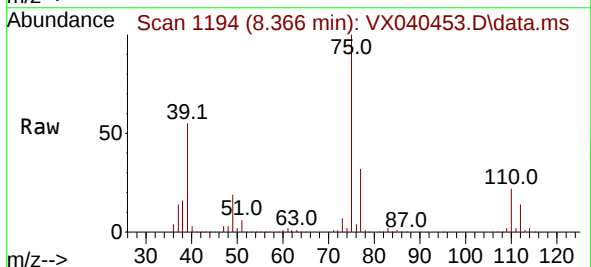
Tgt Ion: 75 Resp: 304492

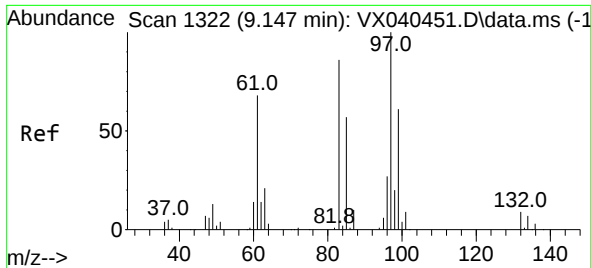
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

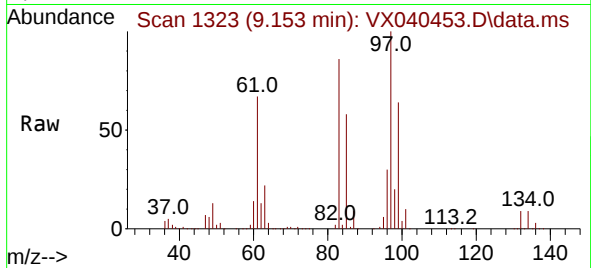
39 55.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 153.060 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

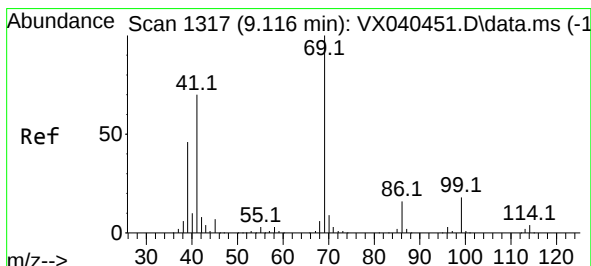
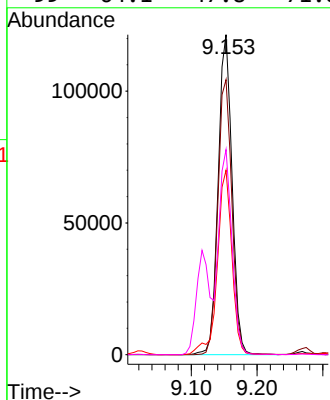
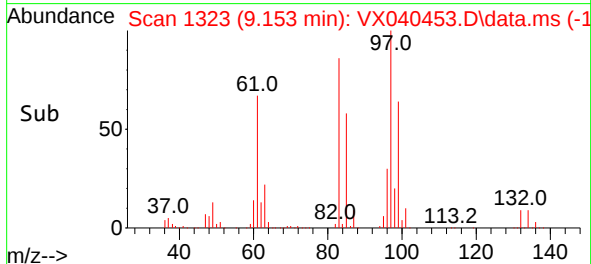


Tgt Ion: 97 Resp: 17871

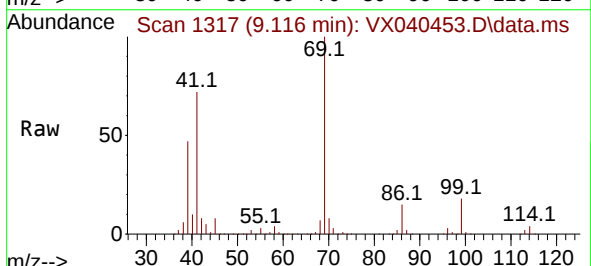
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.8
85	57.6	41.6	62.4
99	64.1	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

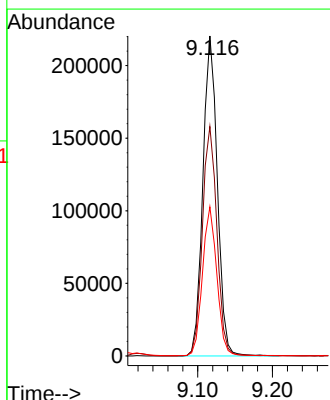
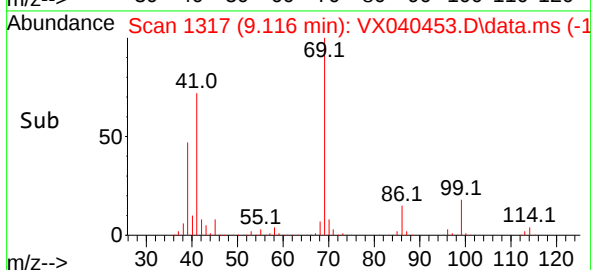


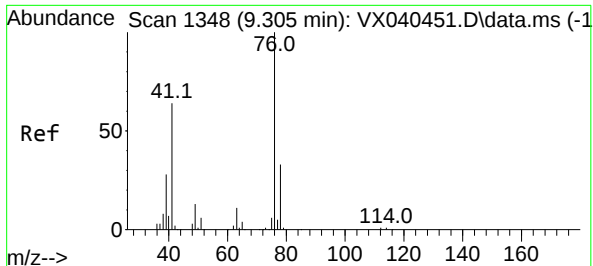
#56
Ethyl methacrylate
Concen: 164.109 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



Tgt Ion: 69 Resp: 296260

Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.8	85.2
39	46.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 149.043 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 30310

Ion Ratio Lower Upper

76 100

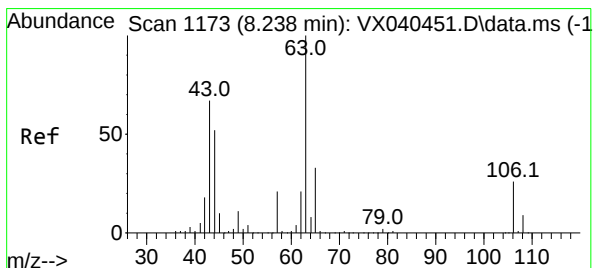
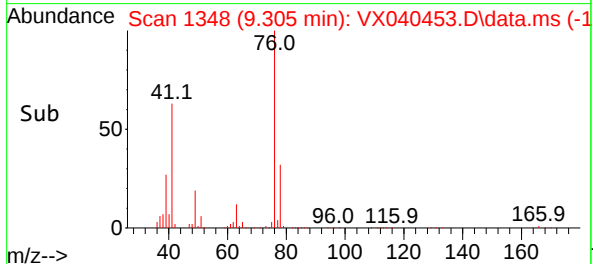
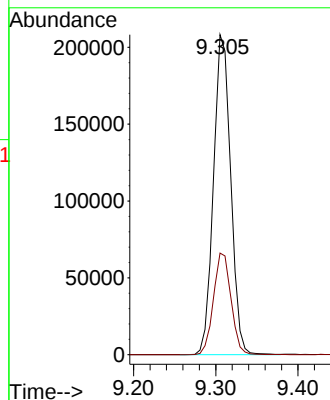
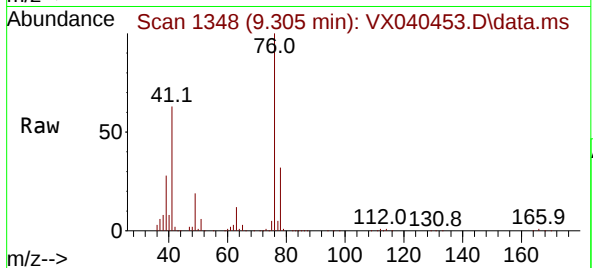
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#58

2-Chloroethyl Vinyl ether

Concen: 774.392 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040453.D

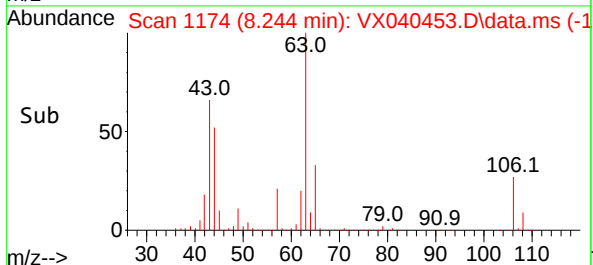
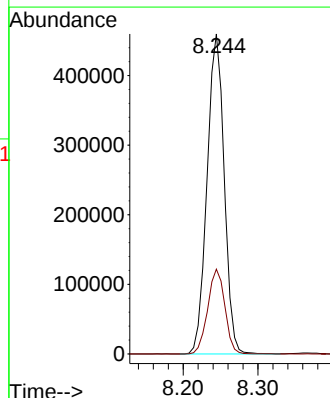
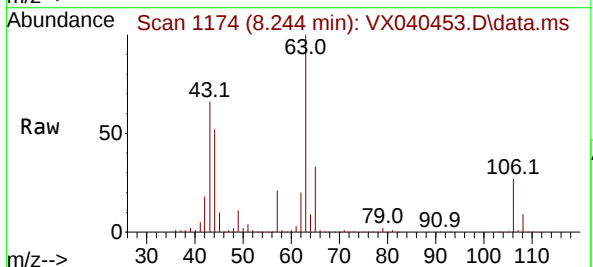
Acq: 26 Feb 2024 11:38

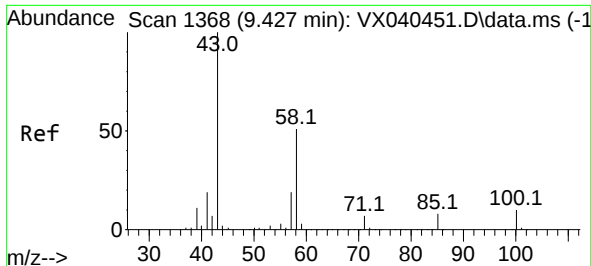
Tgt Ion: 63 Resp: 732998

Ion Ratio Lower Upper

63 100

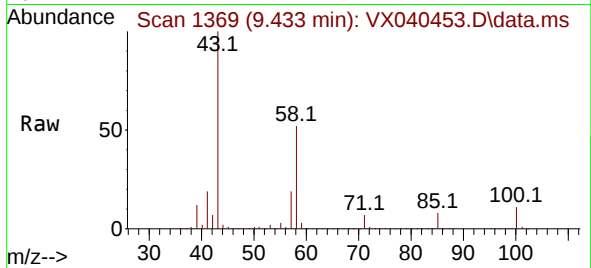
106 26.5 22.5 33.7





#59
2-Hexanone
Concen: 762.874 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

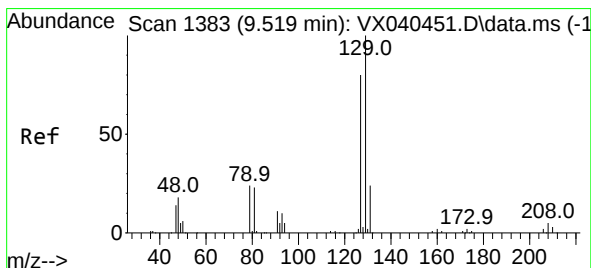
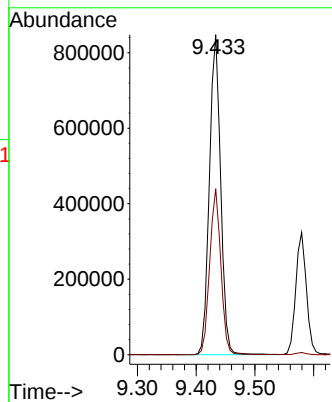
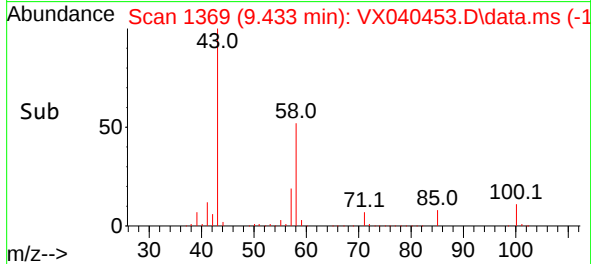
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1127600
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

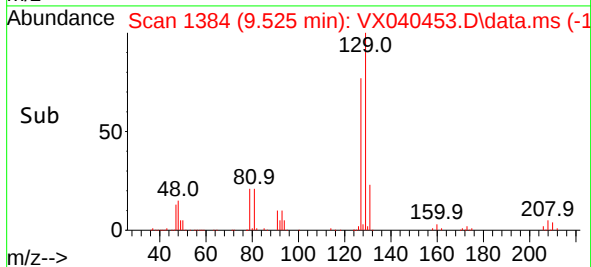
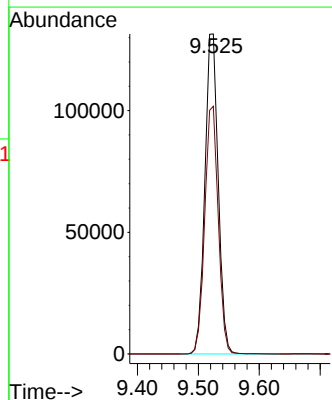
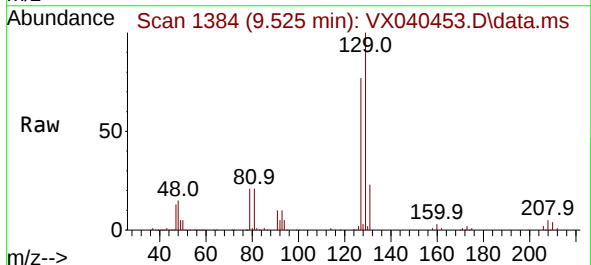
Manual Integrations
APPROVED

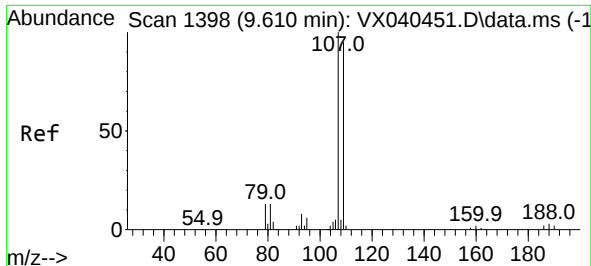
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#60
Dibromochloromethane
Concen: 157.927 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

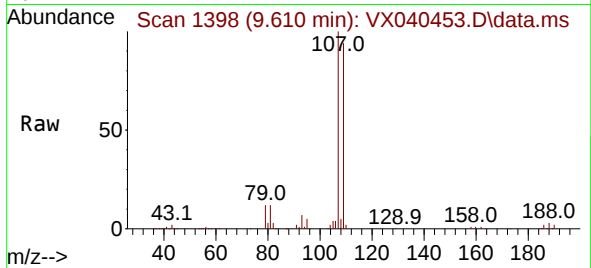
Tgt Ion:129 Resp: 200283
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 152.295 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

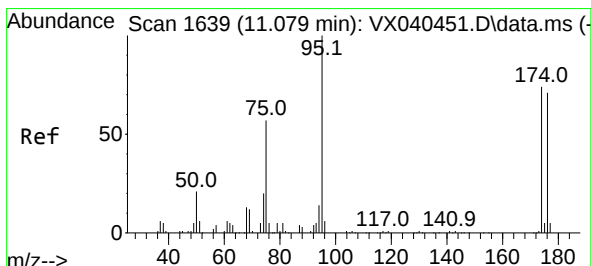
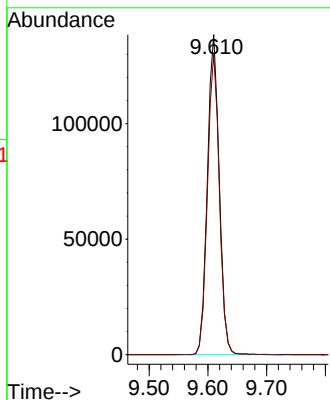
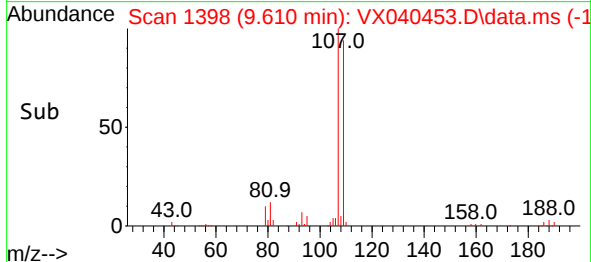
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



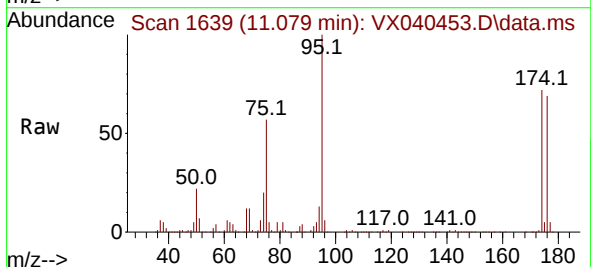
Tgt Ion:107 Resp: 19403
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

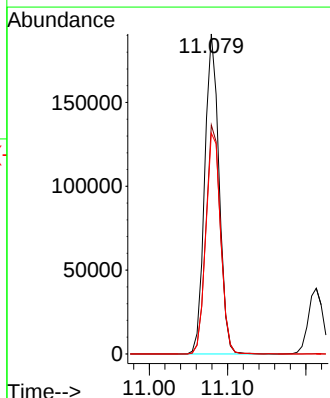
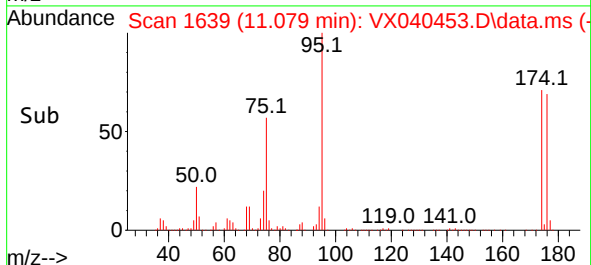
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

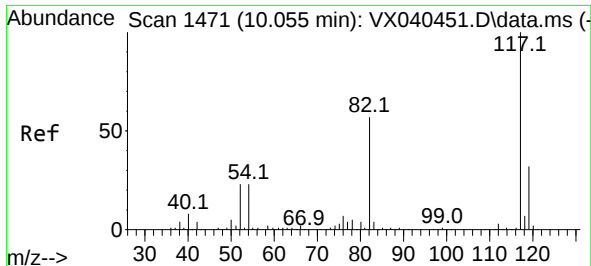


#62
4-Bromofluorobenzene
Concen: 158.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



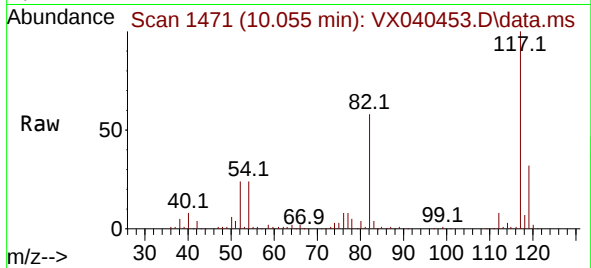
Tgt Ion: 95 Resp: 241473
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

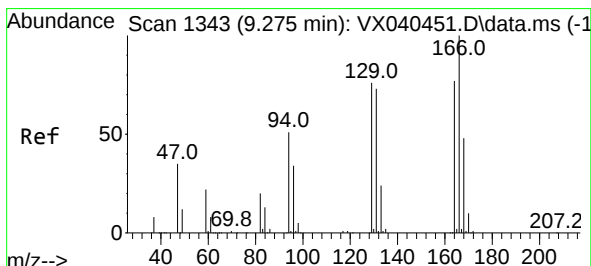
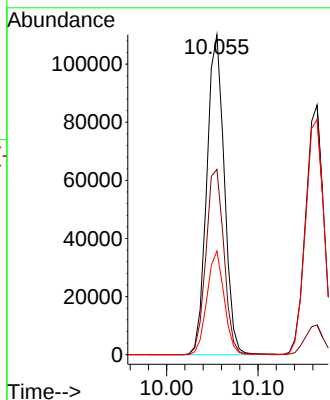
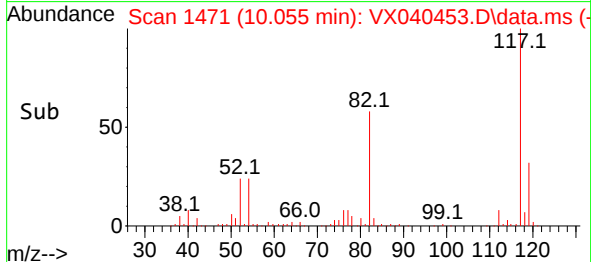
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 14616
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.4 25.5 38.3

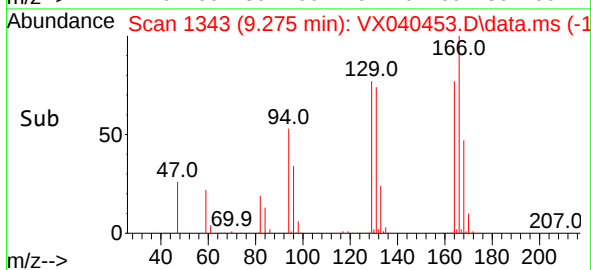
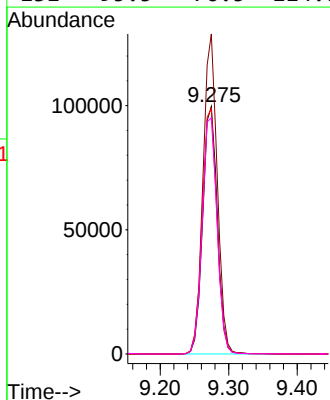
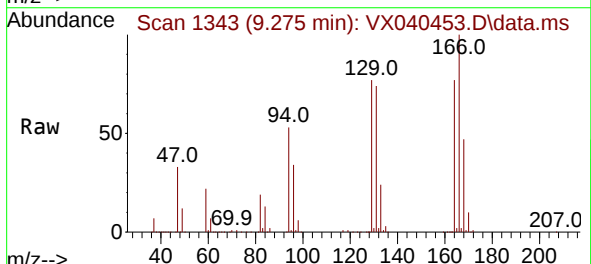
Manual Integrations
APPROVED

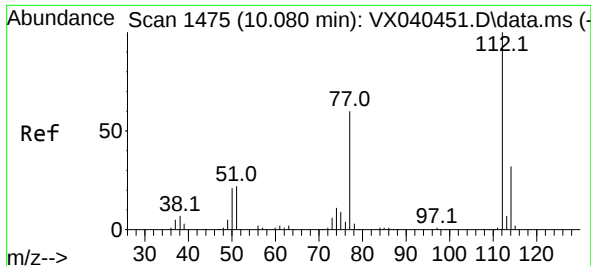
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#64
Tetrachloroethene
Concen: 144.152 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion:164 Resp: 147925
Ion Ratio Lower Upper
164 100
166 129.4 102.7 154.1
129 99.3 80.4 120.6
131 95.5 76.5 114.7





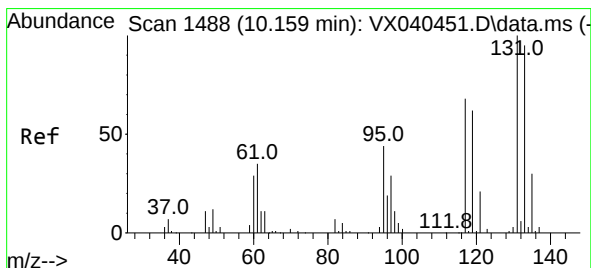
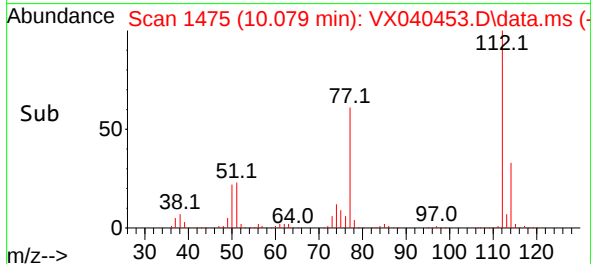
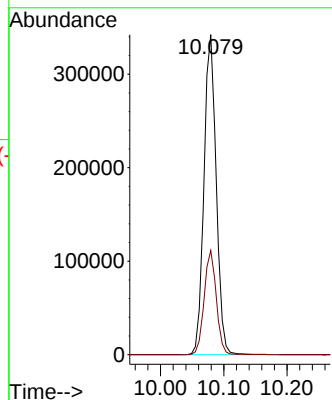
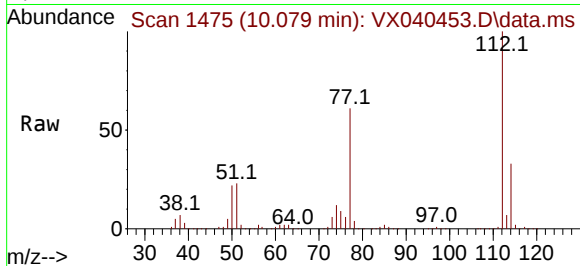
#65
Chlorobenzene
Concen: 148.524 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 461762
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

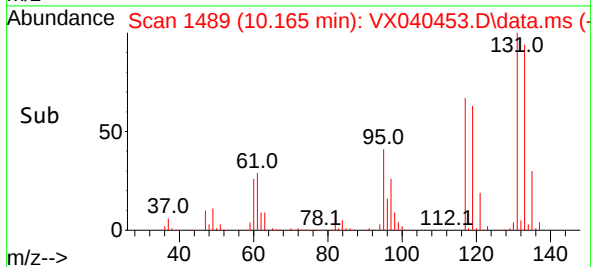
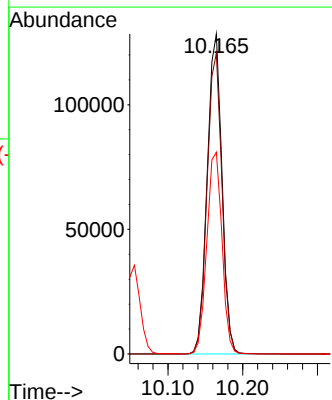
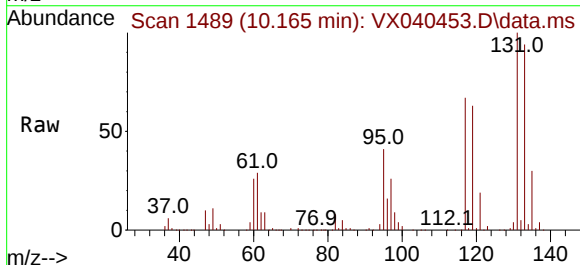
Manual Integrations
APPROVED

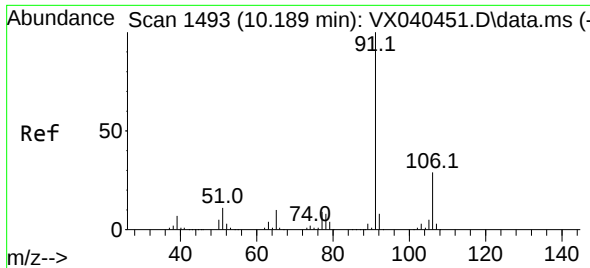
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 160.990 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

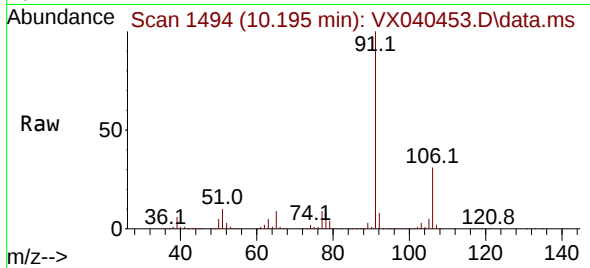
Tgt Ion:131 Resp: 176391
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 152.496 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

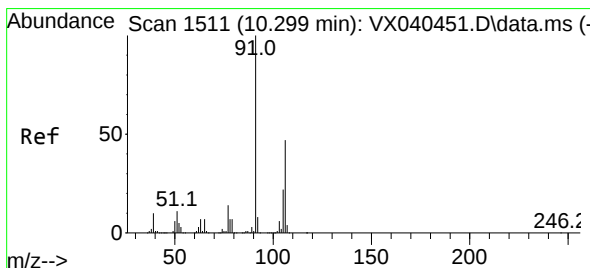
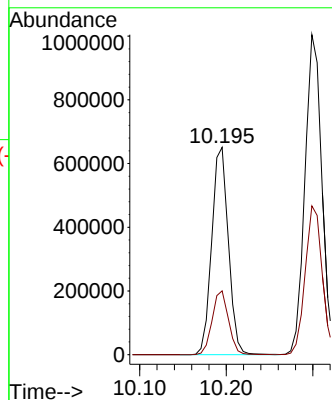
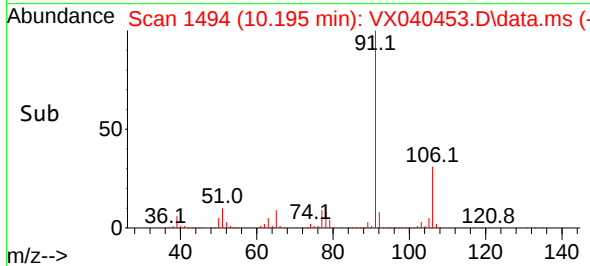
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



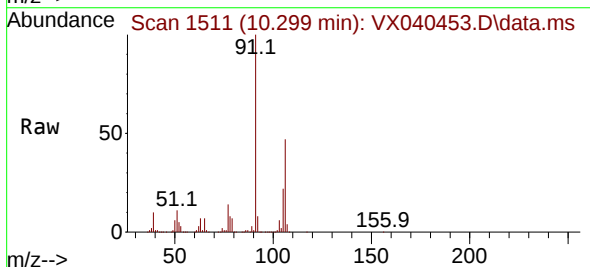
Tgt Ion: 91 Resp: 867860
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

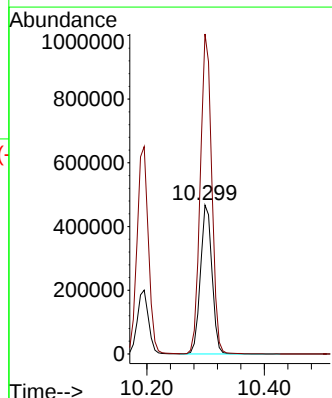
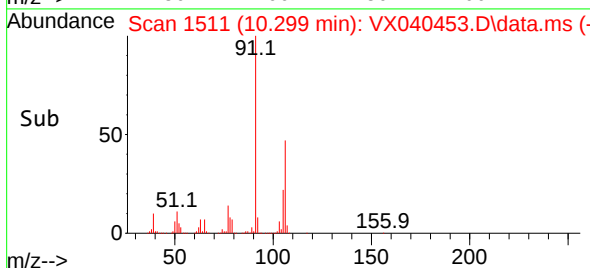
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

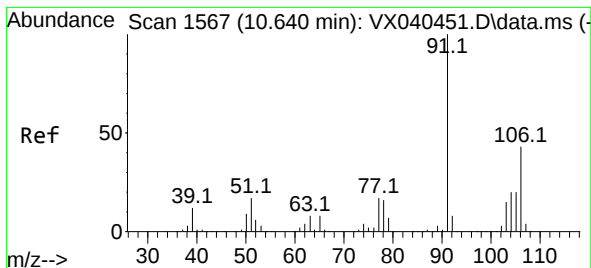


#68
m/p-Xylenes
Concen: 300.564 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



Tgt Ion:106 Resp: 638756
Ion Ratio Lower Upper
106 100
91 213.3 165.5 248.3





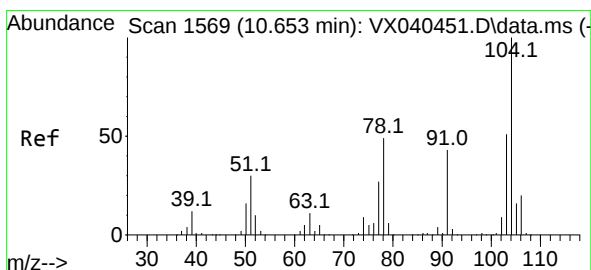
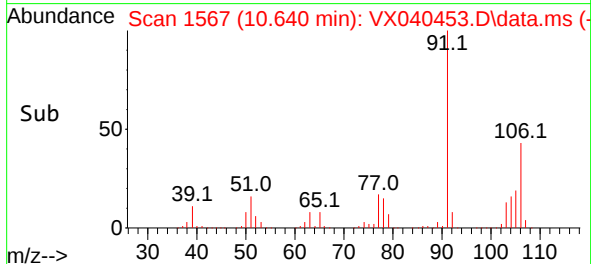
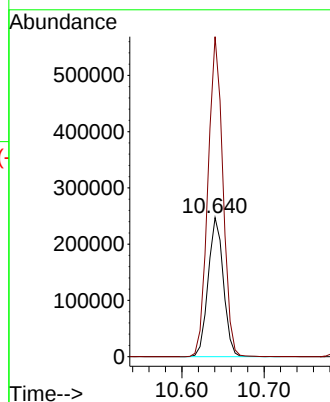
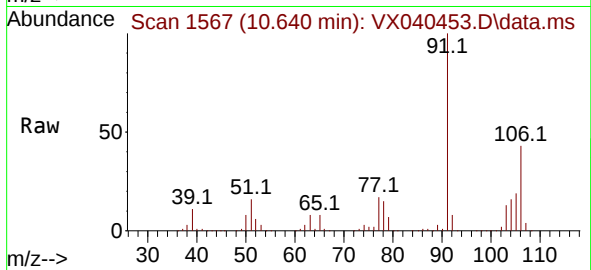
#69
o-Xylene
Concen: 156.233 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 317550
Ion Ratio Lower Upper
106 100
91 225.9 108.9 326.8

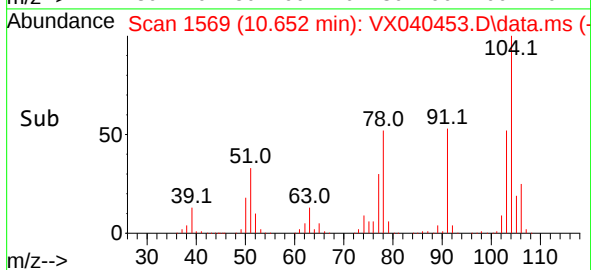
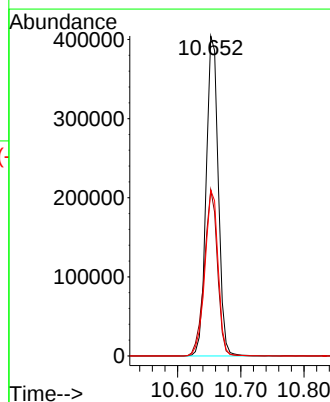
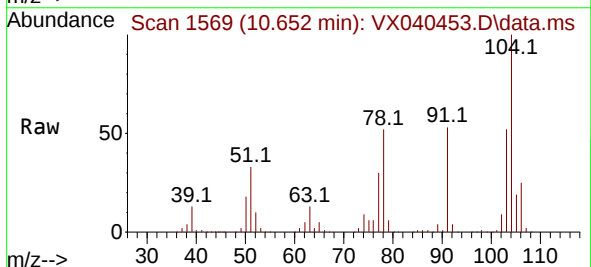
Manual Integrations
APPROVED

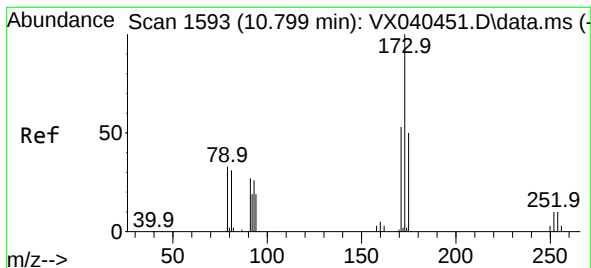
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#70
Styrene
Concen: 159.391 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

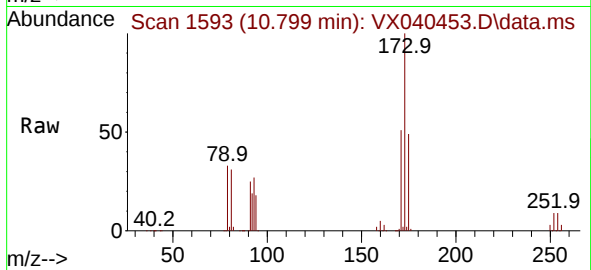
Tgt Ion:104 Resp: 540086
Ion Ratio Lower Upper
104 100
78 56.4 43.6 65.4
103 56.3 43.6 65.4





#71
Bromoform
Concen: 170.852 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

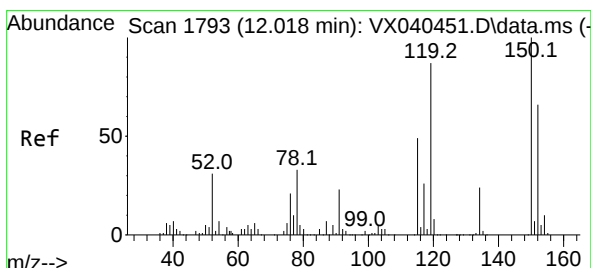
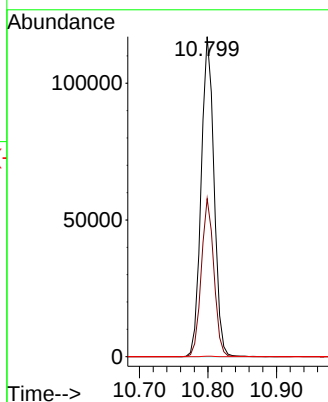
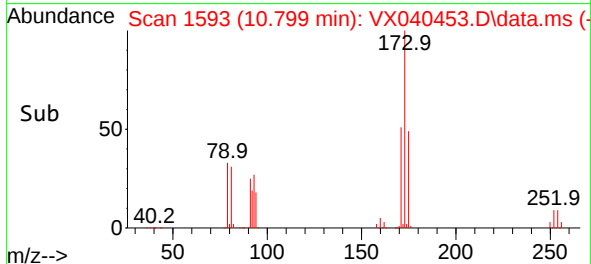
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



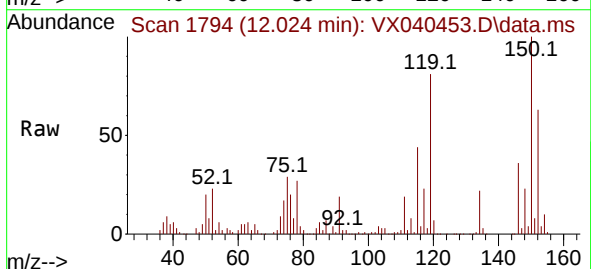
Tgt Ion:173 Resp: 153234
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

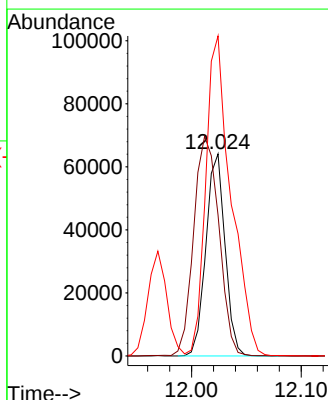
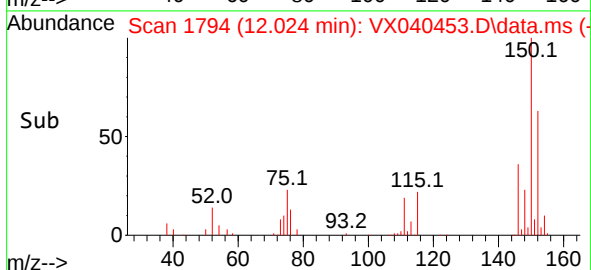
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

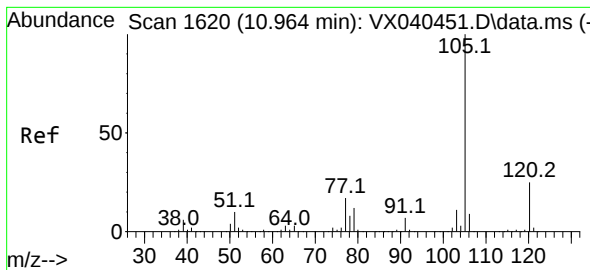


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



Tgt Ion:152 Resp: 77614
Ion Ratio Lower Upper
152 100
115 143.8 43.3 129.9#
150 209.5 0.0 345.0





#73

Isopropylbenzene

Concen: 150.320 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 859220

Ion Ratio Lower Upper

105 100

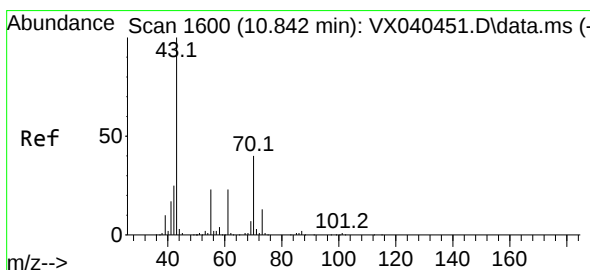
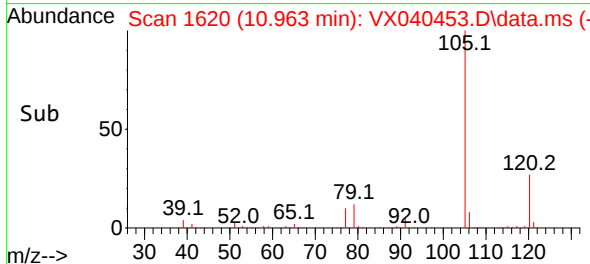
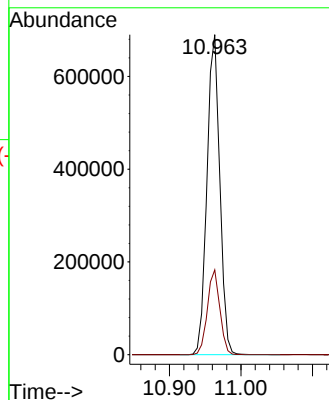
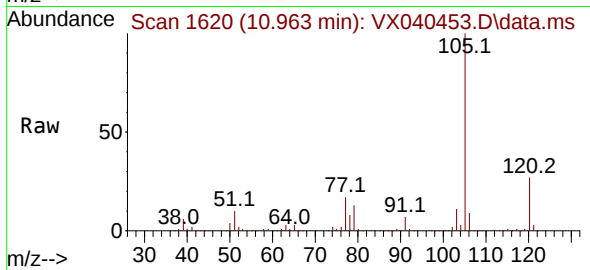
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#74

N-ethyl acetate

Concen: 162.023 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Tgt Ion: 43 Resp: 430125

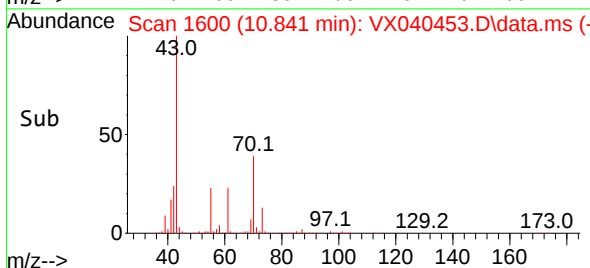
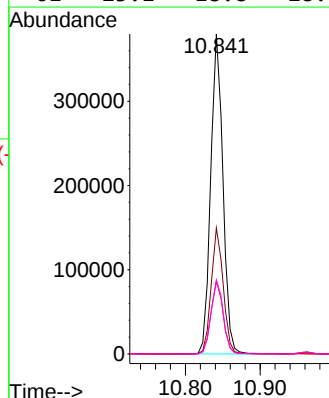
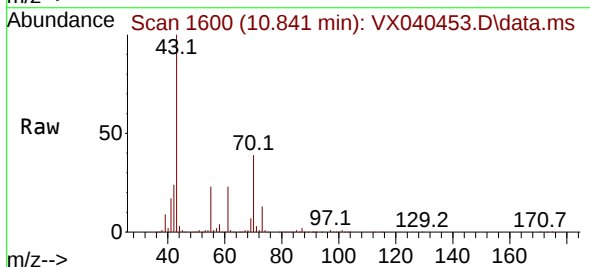
Ion Ratio Lower Upper

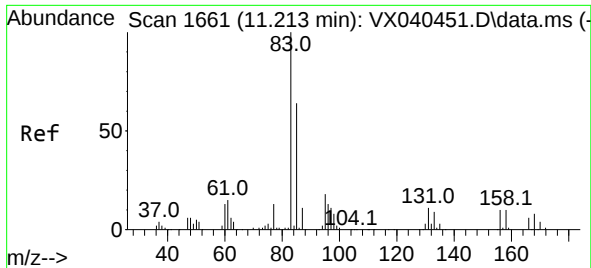
43 100

70 38.7 32.9 49.3

55 22.8 19.3 28.9

61 23.1 18.8 28.2





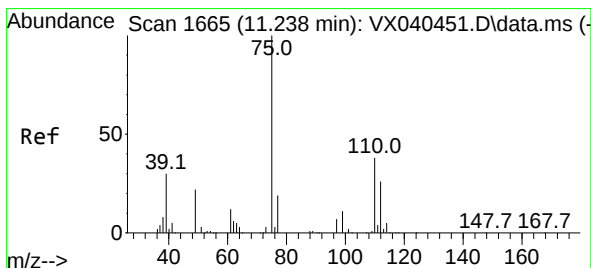
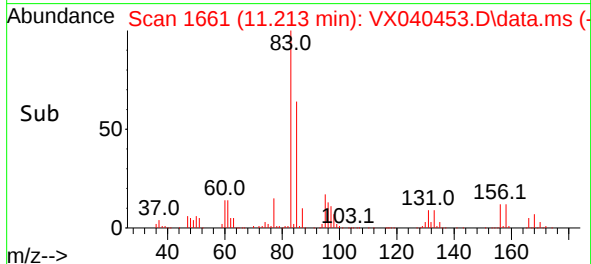
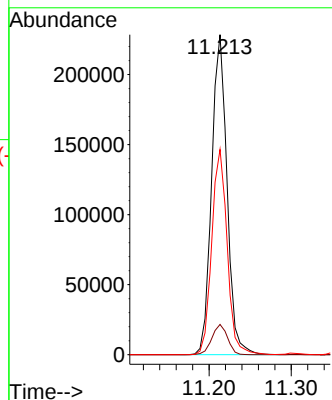
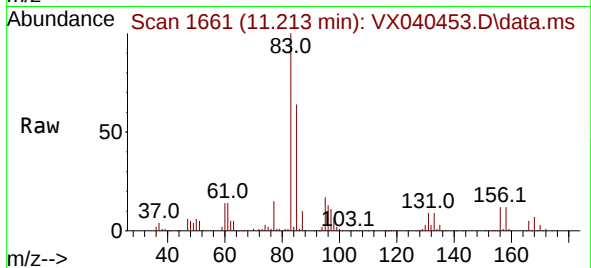
#75
1,1,2,2-Tetrachloroethane
Concen: 143.686 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 297020
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.4 32.0 96.2

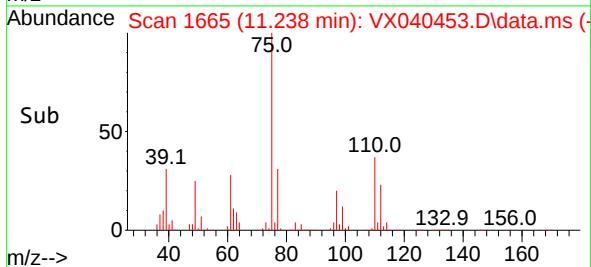
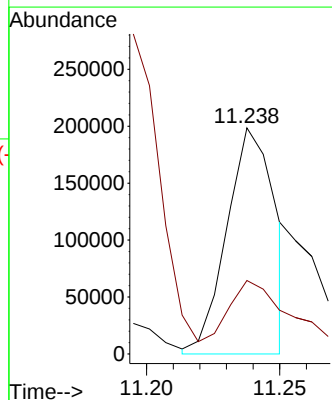
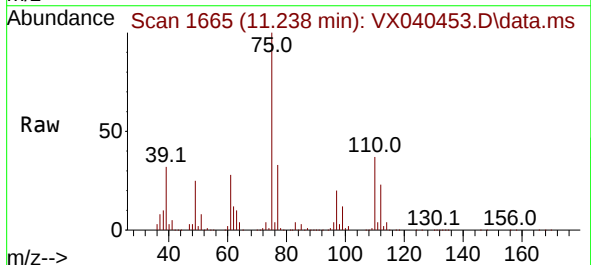
Manual Integrations
APPROVED

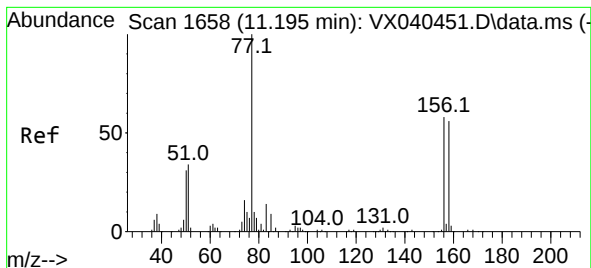
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#76
1,2,3-Trichloropropane
Concen: 146.333 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 75 Resp: 249959
Ion Ratio Lower Upper
75 100
77 44.3 19.1 57.5





#77

Bromobenzene

Concen: 148.547 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040453.D

Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 20076

Ion Ratio Lower Upper

156 100

77 176.3 88.4 265.3

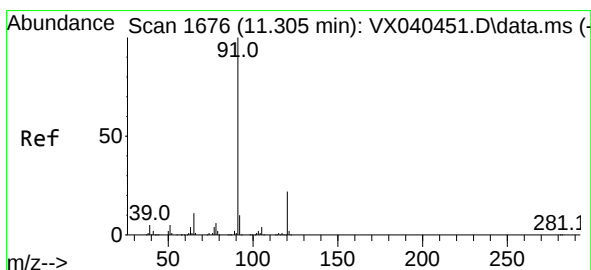
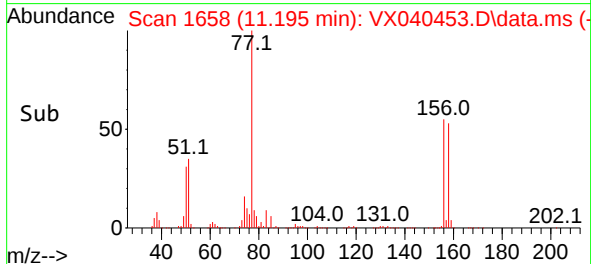
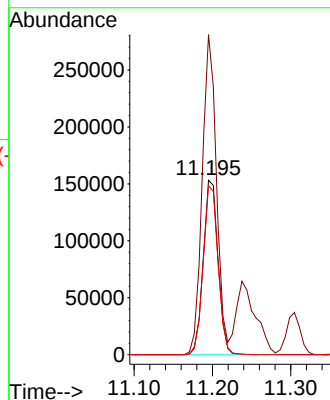
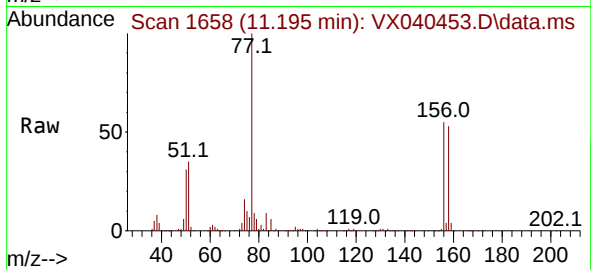
158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#78

n-propylbenzene

Concen: 149.408 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040453.D

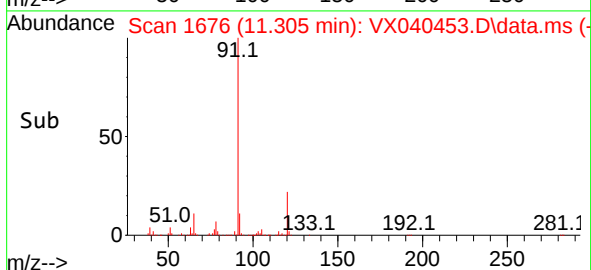
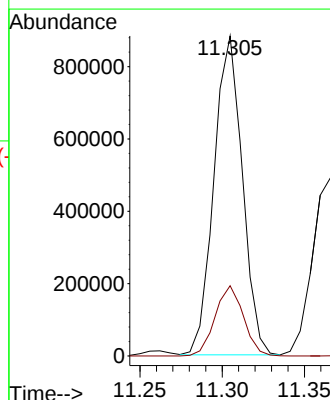
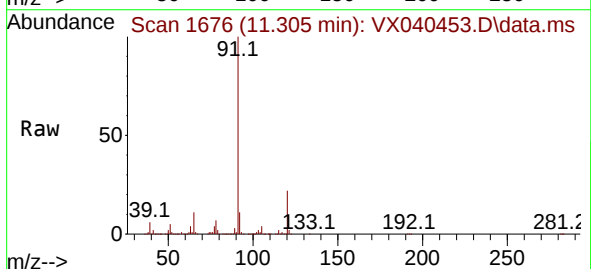
Acq: 26 Feb 2024 11:38

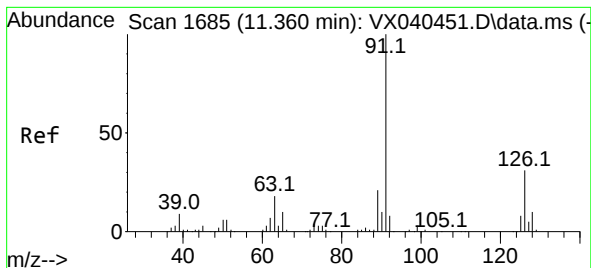
Tgt Ion: 91 Resp: 1059299

Ion Ratio Lower Upper

91 100

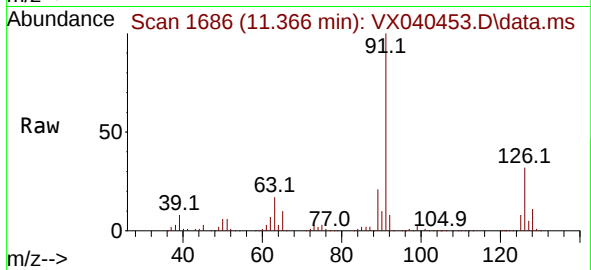
120 22.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 147.162 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

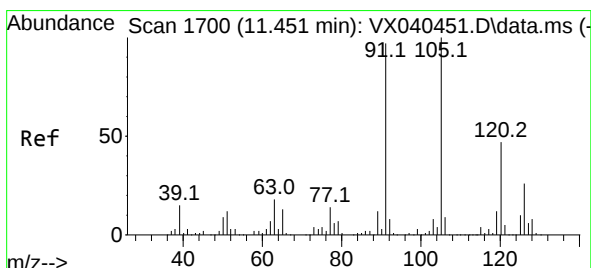
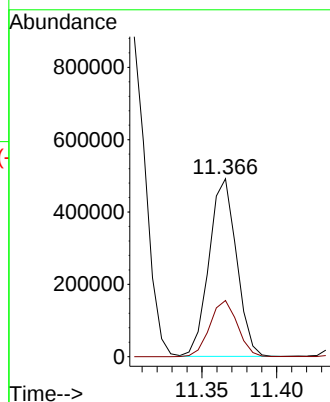
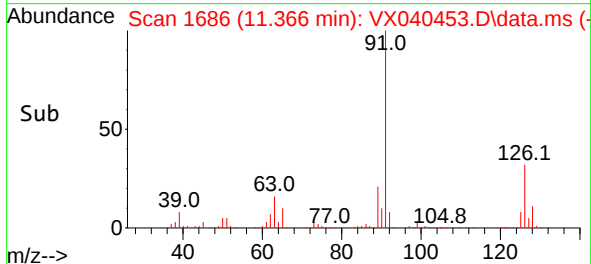
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



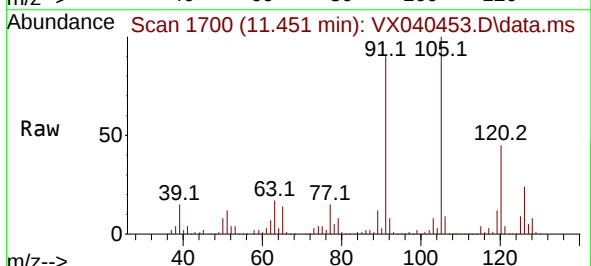
Tgt Ion: 91 Resp: 62810
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

Manual Integrations
APPROVED

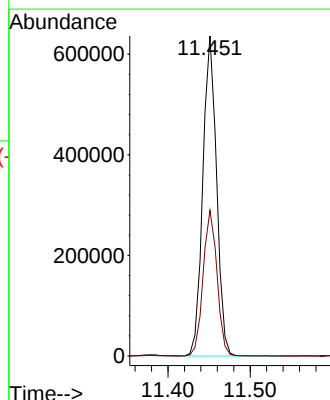
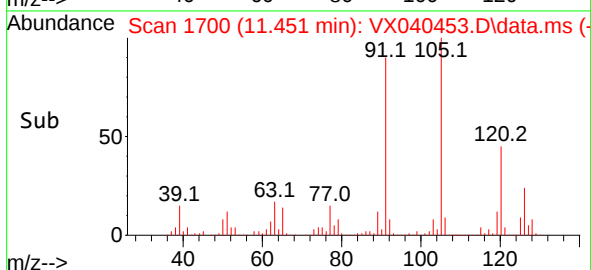
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

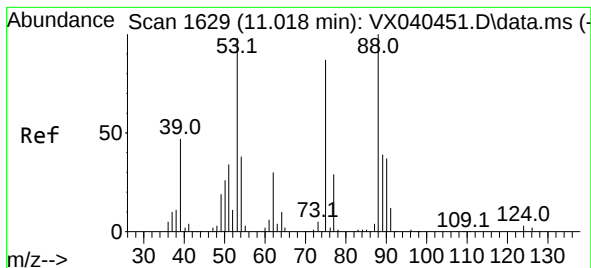


#80
1,3,5-Trimethylbenzene
Concen: 151.827 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



Tgt Ion:105 Resp: 738058
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





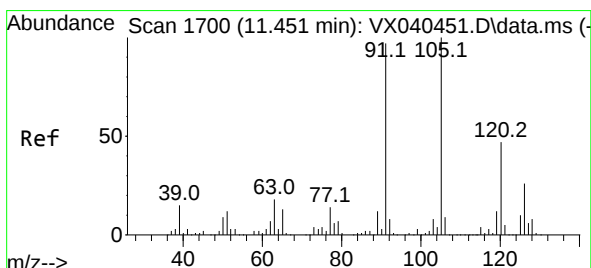
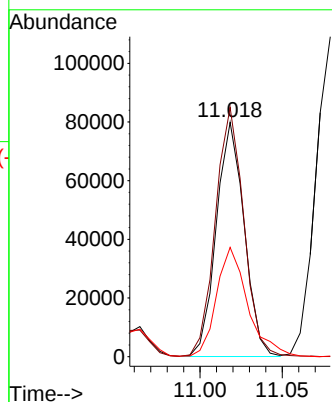
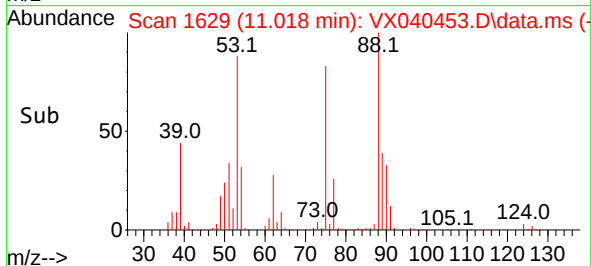
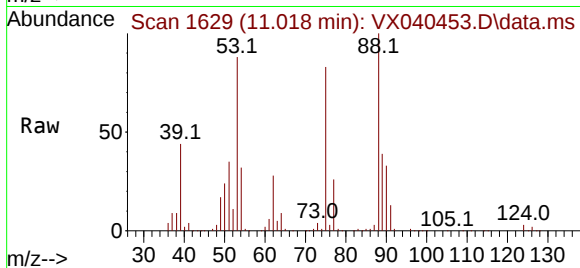
#81
trans-1,4-Dichloro-2-butene
Concen: 149.276 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 94008
Ion Ratio Lower Upper
75 100
53 108.3 90.5 135.7
89 52.7 36.9 55.3

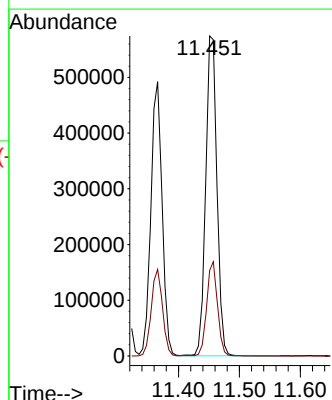
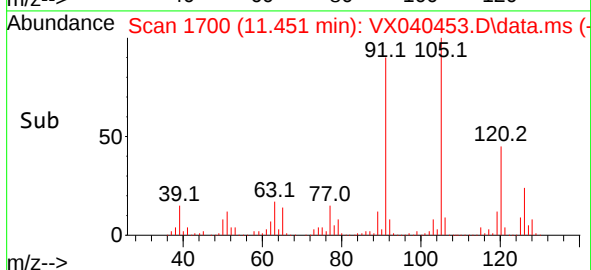
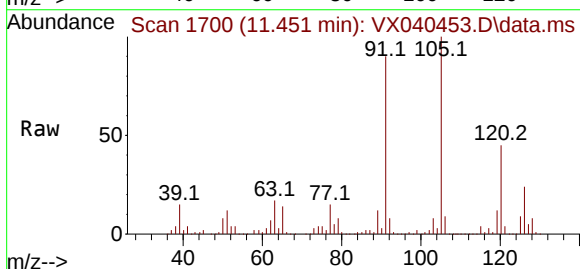
Manual Integrations
APPROVED

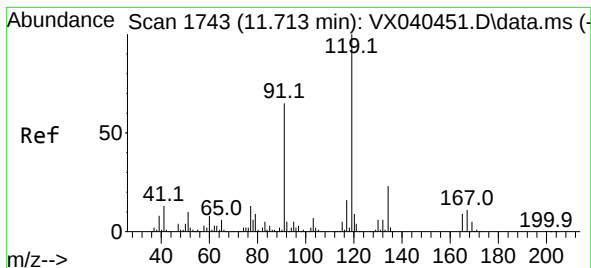
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#82
4-Chlorotoluene
Concen: 149.563 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion: 91 Resp: 738175
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 155.301 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040453.D

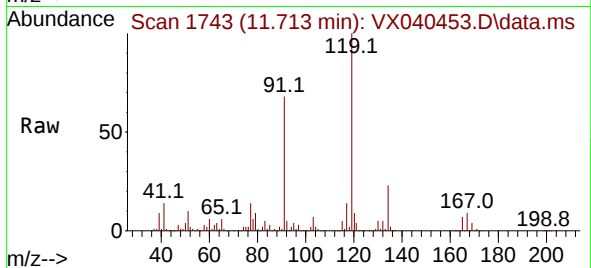
Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion:119 Resp: 711740

Ion Ratio Lower Upper

119 100

91 64.2 31.2 93.6

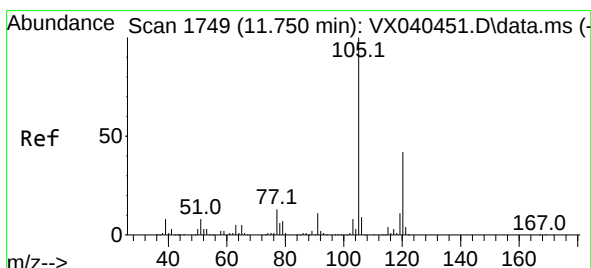
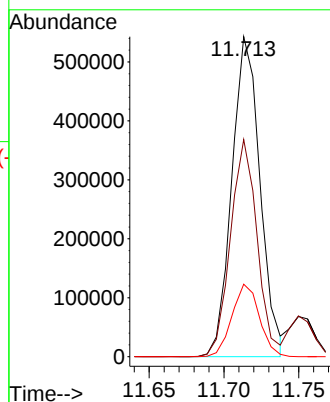
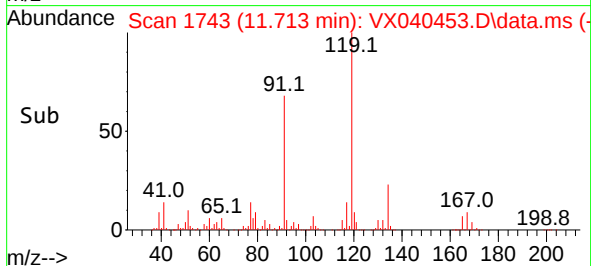
134 22.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 153.589 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040453.D

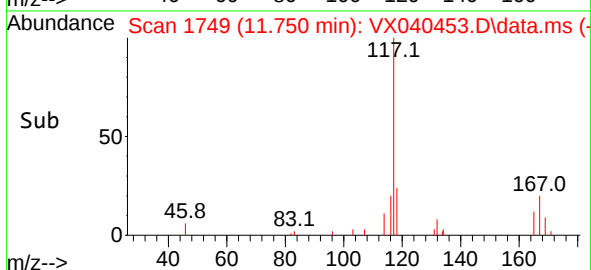
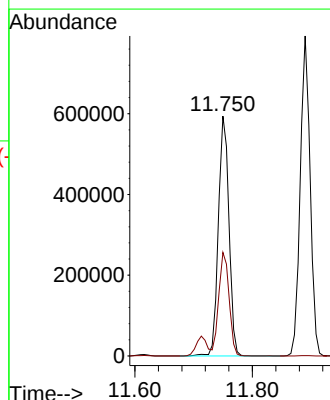
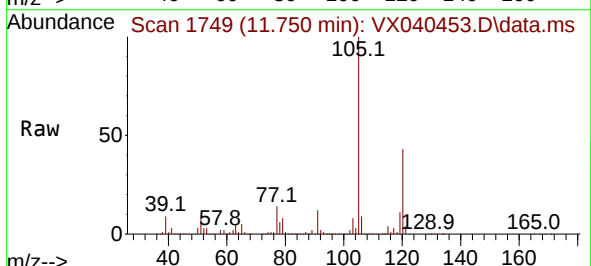
Acq: 26 Feb 2024 11:38

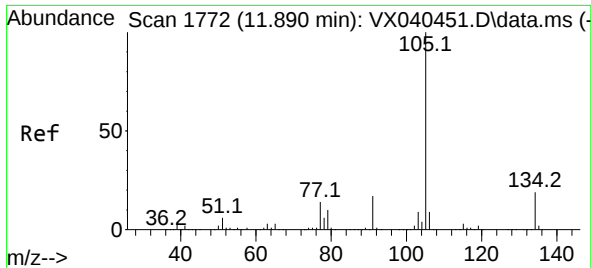
Tgt Ion:105 Resp: 740778

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 153.728 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040453.D
 Acq: 26 Feb 2024 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

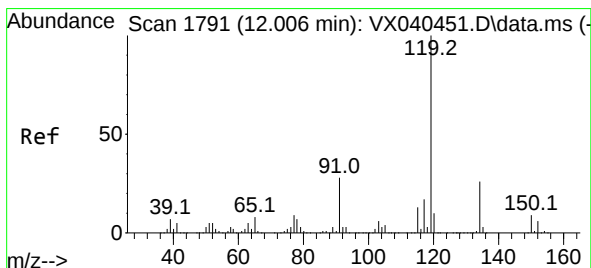
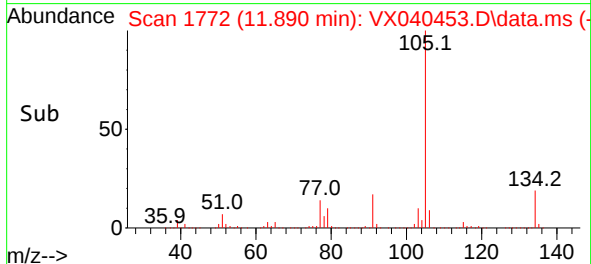
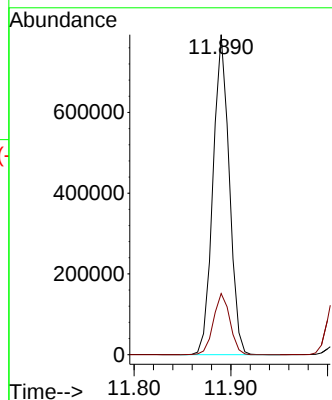
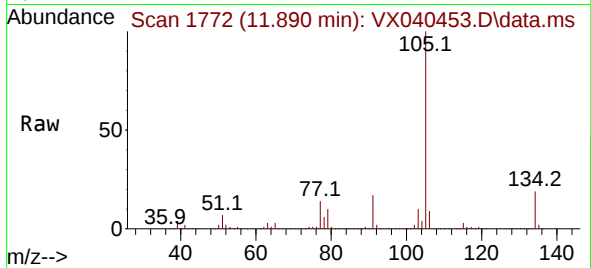
Tgt Ion:105 Resp: 925570
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations

APPROVED

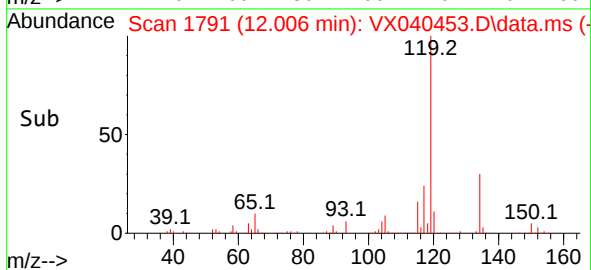
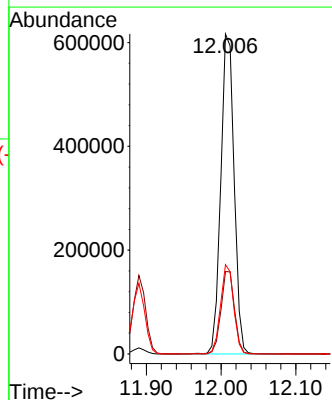
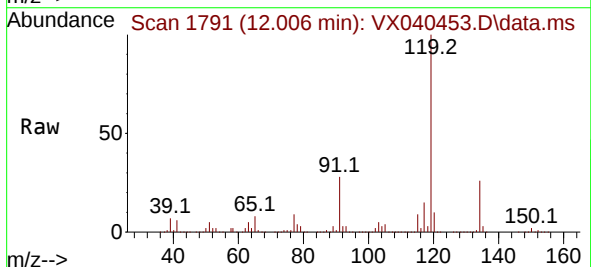
Reviewed By :John Carlone 02/27/2024

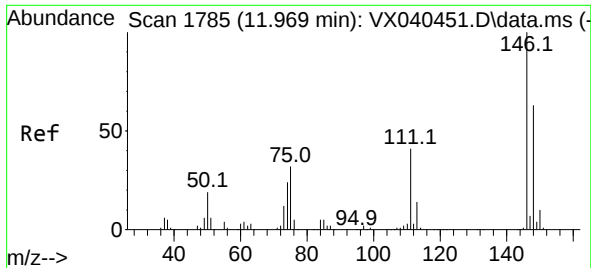
Supervised By :Semsettin Yesilyurt 02/27/2024



#86
 p-Isopropyltoluene
 Concen: 153.934 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040453.D
 Acq: 26 Feb 2024 11:38

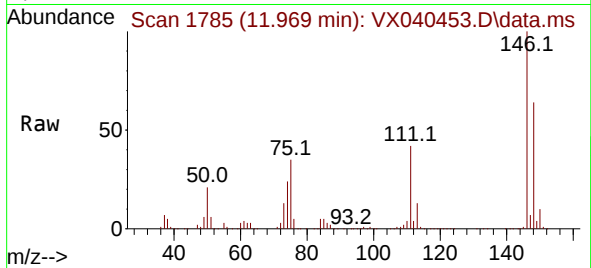
Tgt Ion:119 Resp: 763944
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 27.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 145.211 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

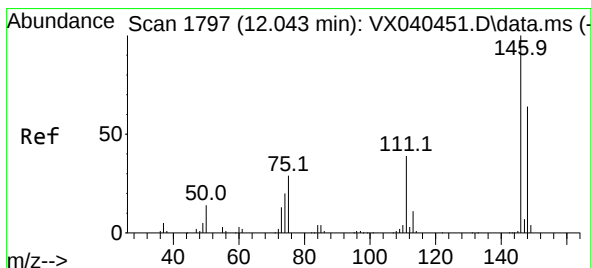
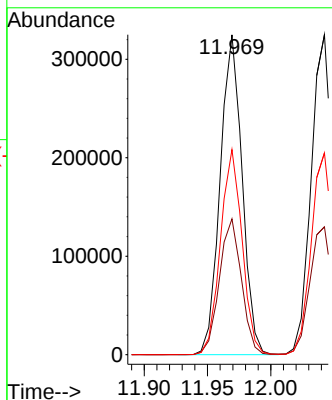
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 391199
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.1
148 63.4 31.8 95.3

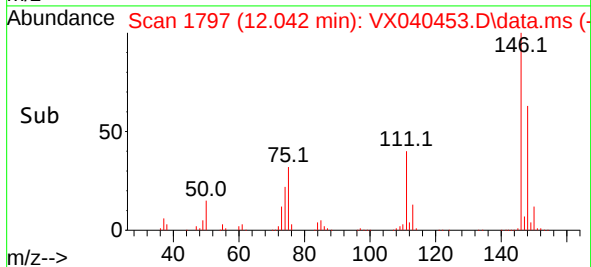
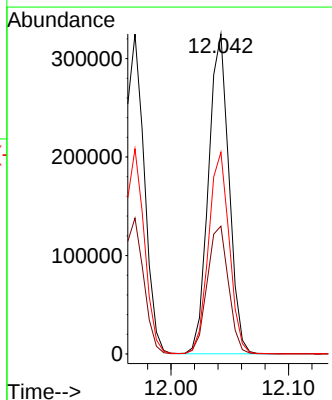
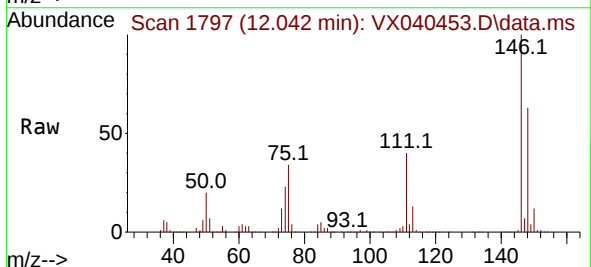
Manual Integrations
APPROVED

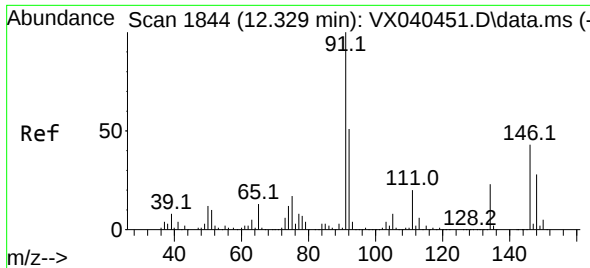
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#88
1,4-Dichlorobenzene
Concen: 143.517 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

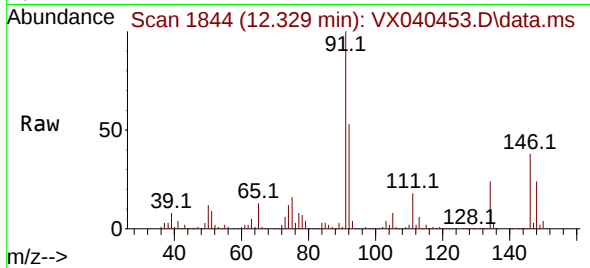
Tgt Ion:146 Resp: 393586
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.7
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 155.328 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

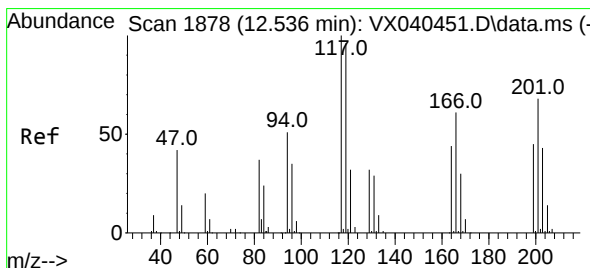
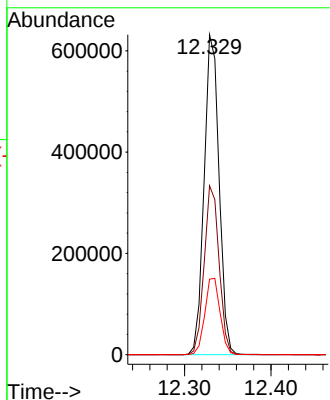
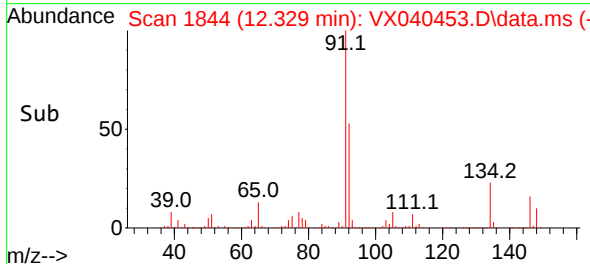
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 758400
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 24.4 12.6 37.8

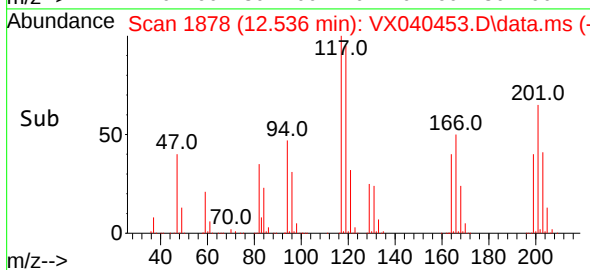
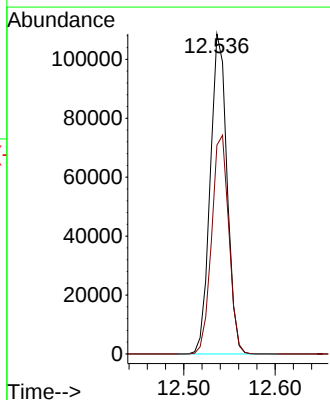
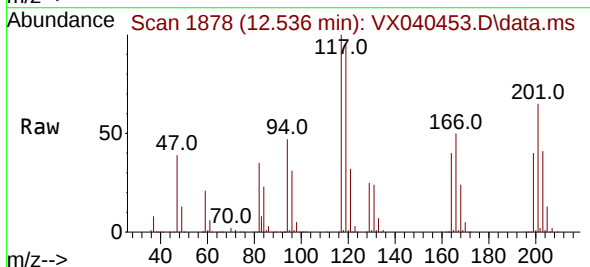
Manual Integrations
APPROVED

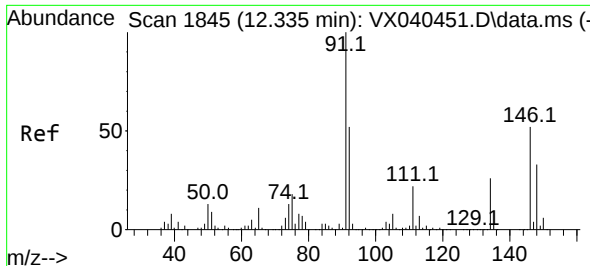
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#90
Hexachloroethane
Concen: 167.680 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

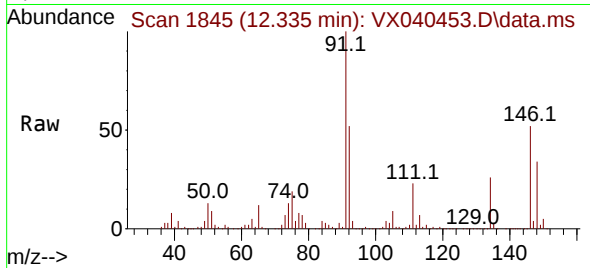
Tgt Ion:117 Resp: 138500
Ion Ratio Lower Upper
117 100
201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 144.556 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

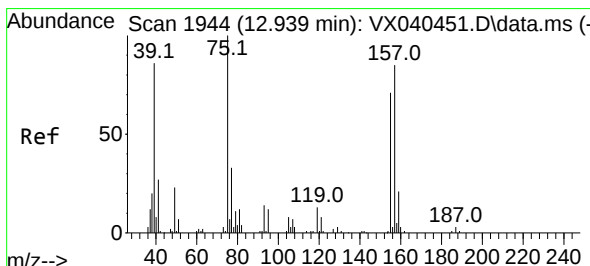
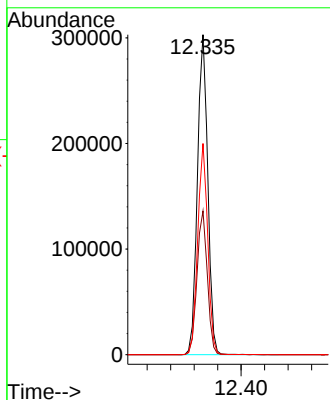
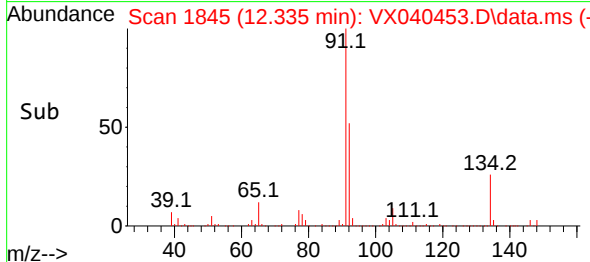
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



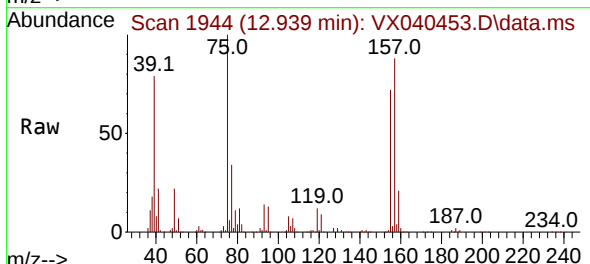
Tgt Ion:146 Resp: 371108
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

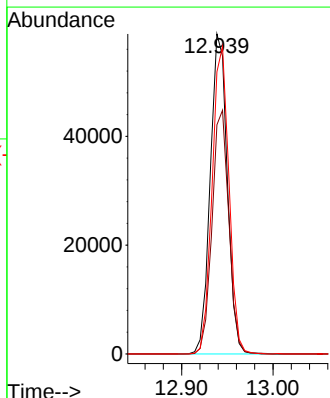
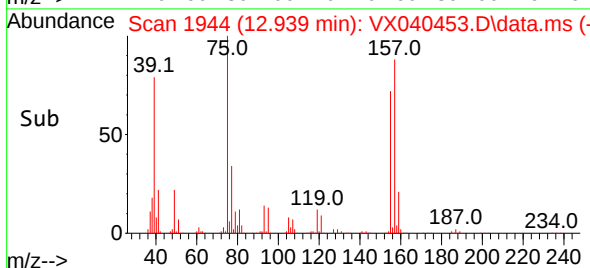
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

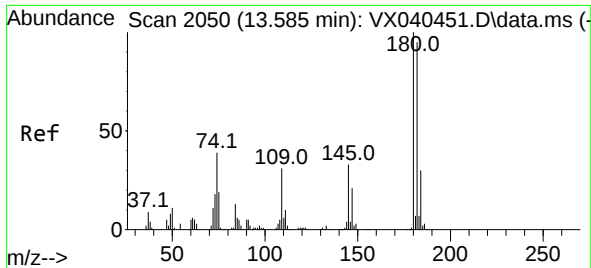


#92
1,2-Dibromo-3-Chloropropane
Concen: 157.689 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38



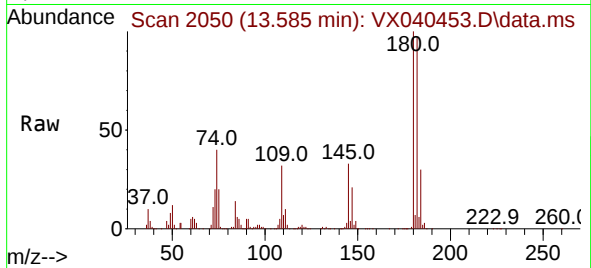
Tgt Ion: 75 Resp: 75993
Ion Ratio Lower Upper
75 100
155 74.9 36.1 108.5
157 95.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 149.926 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

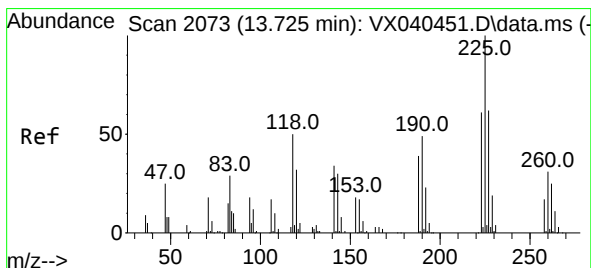
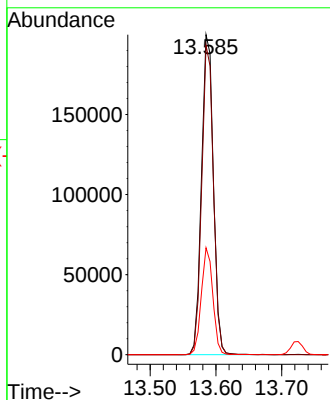
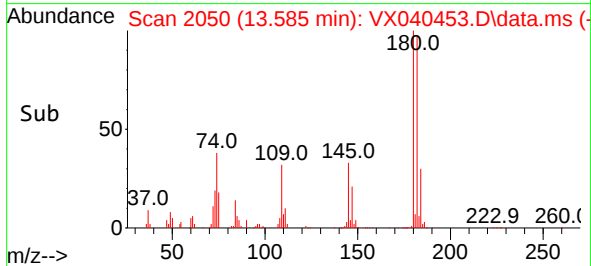
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:180 Resp: 251192
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 32.4 18.0 54.0

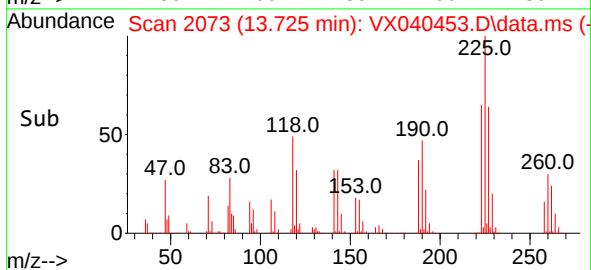
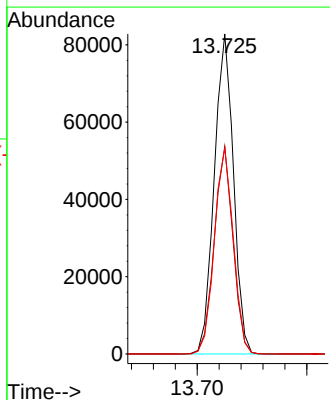
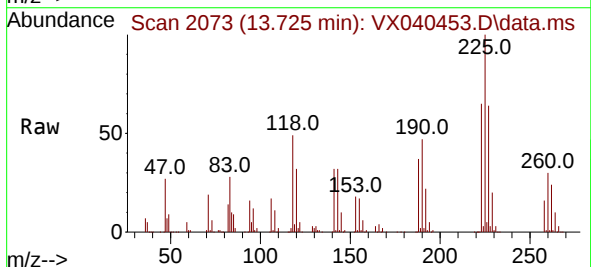
Manual Integrations
APPROVED

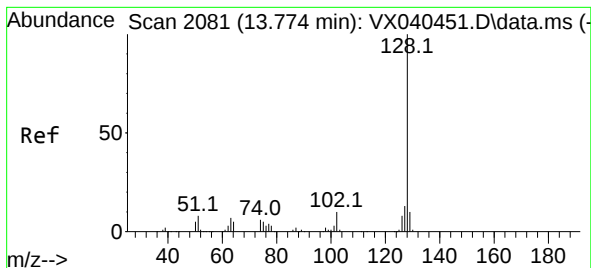
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#94
Hexachlorobutadiene
Concen: 147.030 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

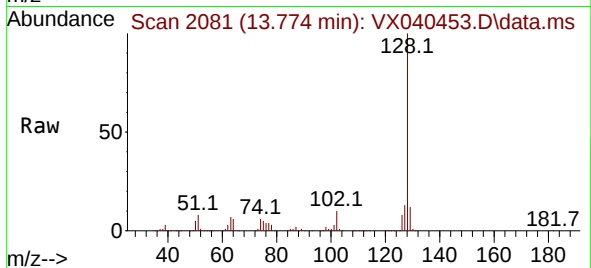
Tgt Ion:225 Resp: 100677
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.8 32.5 97.5





#95
Naphthalene
Concen: 156.997 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

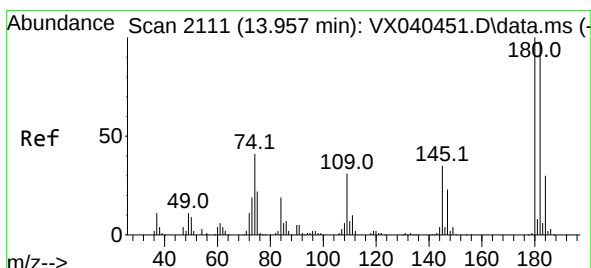
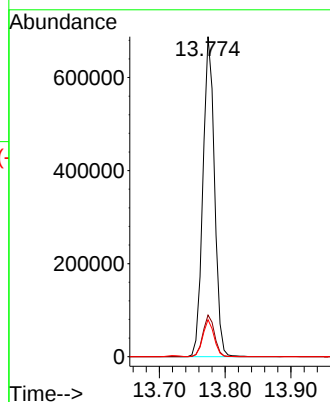
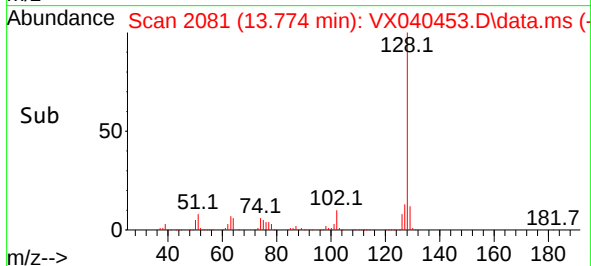
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 840574
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 153.556 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040453.D
Acq: 26 Feb 2024 11:38

Tgt Ion:180 Resp: 244561
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 34.0 17.8 53.5

