

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040451.D
 Acq On : 26 Feb 2024 10:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 27 04:52:50 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70696	46.286	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.580%		
35) Dibromofluoromethane	5.385	113	51325	47.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	187746	48.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	73057	49.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54560	48.009	ug/l	100
3) Chloromethane	1.295	50	52972	46.993	ug/l	100
4) Vinyl Chloride	1.374	62	57467	47.144	ug/l	95
5) Bromomethane	1.599	94	36234	53.489	ug/l	97
6) Chloroethane	1.685	64	35870	46.498	ug/l	97
7) Trichlorofluoromethane	1.886	101	91423	47.487	ug/l	97
8) Diethyl Ether	2.130	74	32275	47.961	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	49259	47.533	ug/l	98
10) Methyl Iodide	2.453	142	51383	47.935	ug/l	97
11) Tert butyl alcohol	2.959	59	63144	245.925	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	47923	46.061	ug/l	97
13) Acrolein	2.233	56	38659	234.845	ug/l	98
14) Allyl chloride	2.660	41	86226	47.371	ug/l	94
15) Acrylonitrile	3.062	53	154011	239.125	ug/l	98
16) Acetone	2.374	43	122098	245.125	ug/l	97
17) Carbon Disulfide	2.508	76	132590	46.019	ug/l	99
18) Methyl Acetate	2.703	43	76702	49.948	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	170956	48.172	ug/l	98
20) Methylene Chloride	2.788	84	54884	46.044	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52742	47.533	ug/l	95
22) Diisopropyl ether	3.757	45	176207	48.173	ug/l	97
23) Vinyl Acetate	3.721	43	815898	243.501	ug/l	100
24) 1,1-Dichloroethane	3.605	63	100491	47.111	ug/l	99
25) 2-Butanone	4.550	43	212619	244.996	ug/l	98
26) 2,2-Dichloropropane	4.471	77	79648	46.898	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	59986	46.211	ug/l	100
28) Bromochloromethane	4.898	49	46461	52.071	ug/l	99
29) Tetrahydrofuran	4.995	42	144631	238.892	ug/l	98
30) Chloroform	5.093	83	108898	48.097	ug/l	99
31) Cyclohexane	5.465	56	82753	47.822	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	91860	47.536	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76535	46.198	ug/l	99
37) Ethyl Acetate	4.709	43	86638	47.785	ug/l	99
38) Carbon Tetrachloride	5.678	117	78591	49.106	ug/l	93
39) Methylcyclohexane	7.379	83	87188	48.746	ug/l	99
40) Benzene	6.038	78	214533	47.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47664	47.064	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89915	48.435	ug/l	99
43) Isopropyl Acetate	6.336	43	136894	48.119	ug/l	98
44) Trichloroethene	7.123	130	56214	46.602	ug/l	92
45) 1,2-Dichloropropane	7.428	63	57114	47.579	ug/l	97
46) Dibromomethane	7.580	93	42561	48.226	ug/l	98
47) Bromodichloromethane	7.818	83	85119	48.985	ug/l	97
48) Methyl methacrylate	7.690	41	71139	50.030	ug/l	94
49) 1,4-Dioxane	7.653	88	27243	1012.795	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	464375	246.883	ug/l	99
52) Toluene	8.714	92	134328	48.799	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	89277	50.626	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	92223	48.653	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58171	50.922	ug/l	96
56) Ethyl methacrylate	9.116	69	90935	51.485	ug/l	95
57) 1,3-Dichloropropane	9.305	76	97499	49.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238760	257.816	ug/l	96
59) 2-Hexanone	9.427	43	364932	252.346	ug/l	98
60) Dibromochloromethane	9.519	129	61113	49.253	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62030	49.761	ug/l	99
64) Tetrachloroethene	9.275	164	48266	47.591	ug/l	99
65) Chlorobenzene	10.080	112	144761	47.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53237	49.163	ug/l	98
67) Ethyl Benzene	10.189	91	275164	48.921	ug/l	96
68) m/p-Xylenes	10.299	106	204133	97.189	ug/l	96
69) o-Xylene	10.640	106	98727	49.146	ug/l	95
70) Styrene	10.653	104	166169	49.620	ug/l	98
71) Bromoform	10.799	173	44309	49.987	ug/l #	99
73) Isopropylbenzene	10.964	105	266227	48.963	ug/l	99
74) N-amyl acetate	10.842	43	128042	50.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	94488	48.051	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81288m	50.027	ug/l	
77) Bromobenzene	11.195	156	63429	49.336	ug/l	98
78) n-propylbenzene	11.305	91	330854	49.056	ug/l	98
79) 2-Chlorotoluene	11.360	91	193396	47.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228821	49.483	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25239	47.119	ug/l	94
82) 4-Chlorotoluene	11.451	91	228643	48.699	ug/l	99
83) tert-Butylbenzene	11.713	119	216376	49.632	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229688	50.062	ug/l	99
85) sec-Butylbenzene	11.890	105	283852	49.561	ug/l	100
86) p-Isopropyltoluene	12.006	119	231032	48.938	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	122441	47.778	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122155	46.825	ug/l	99
89) n-Butylbenzene	12.329	91	228709	49.242	ug/l	96
90) Hexachloroethane	12.536	117	39134	49.807	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	115794	47.416	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23124	50.442	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78283	49.118	ug/l	97
94) Hexachlorobutadiene	13.725	225	30972	47.549	ug/l	98
95) Naphthalene	13.774	128	258484	50.752	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	74544	49.203	ug/l	96

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

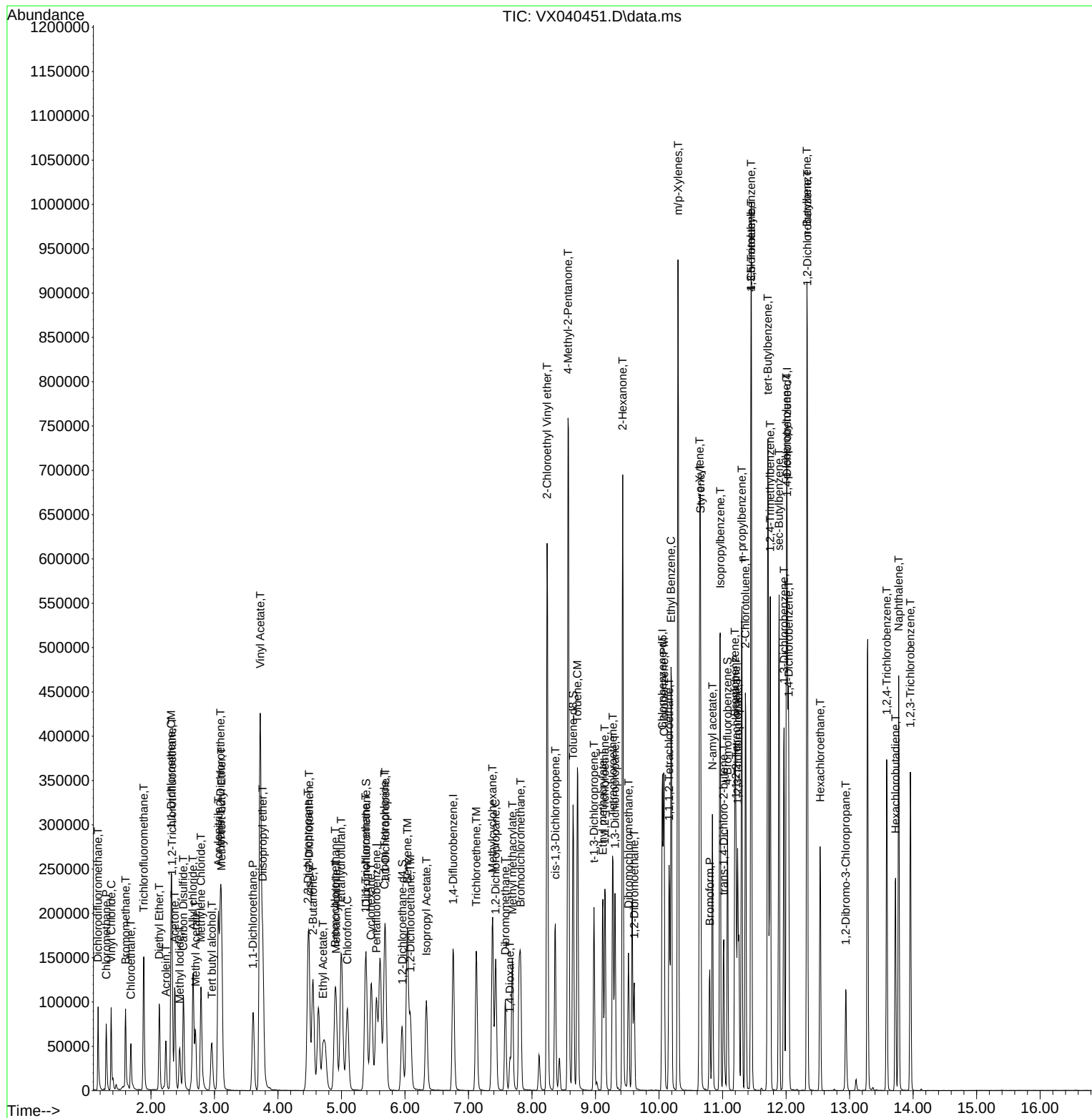
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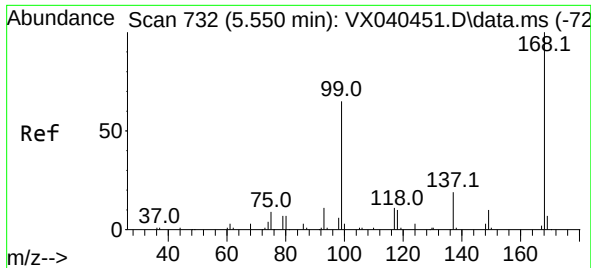
Instrument :
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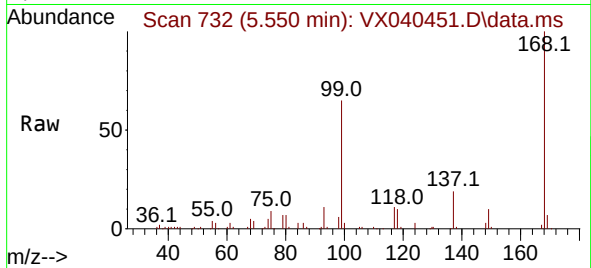
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040451.D
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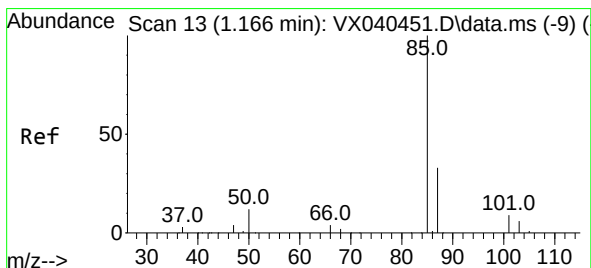
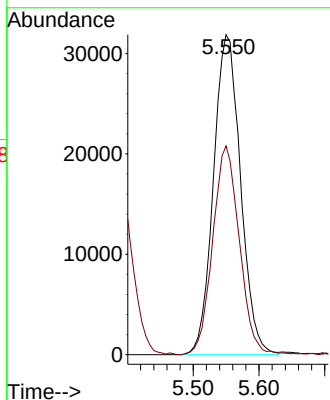
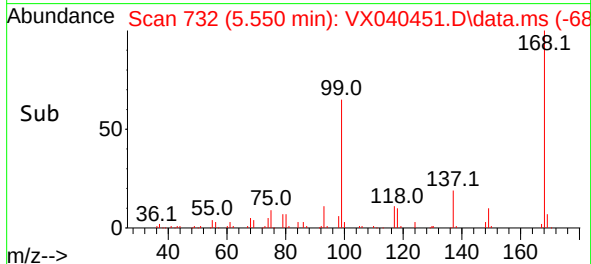
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 91320
Ion Ratio Lower Upper
168 100
99 65.2 56.6 85.0

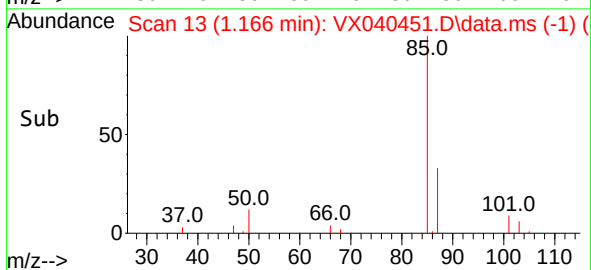
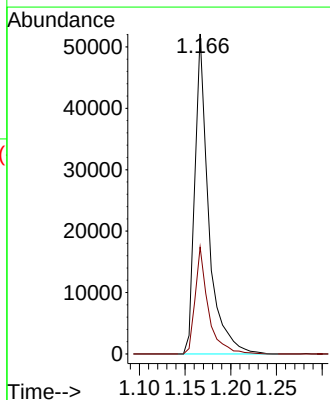
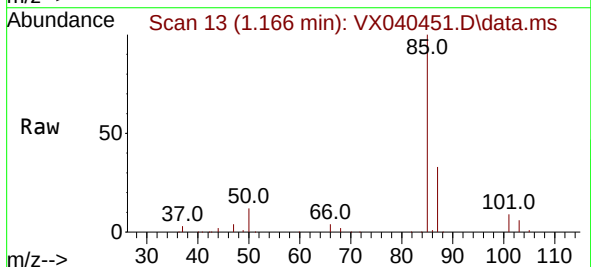
Manual Integrations
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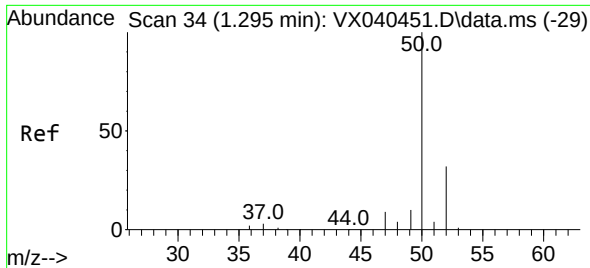
Reviewed By :John Carlone 02/27/2024
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#2
Dichlorodifluoromethane
Concen: 48.009 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

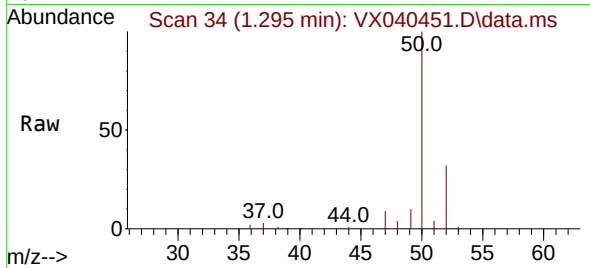
Tgt Ion: 85 Resp: 54560
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3
Chloromethane
Concen: 46.993 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

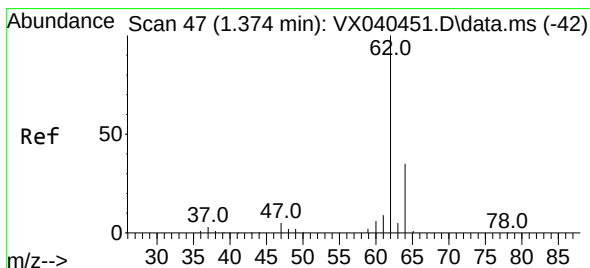
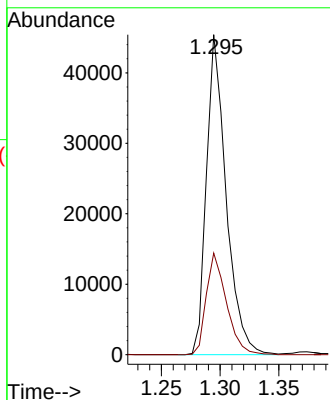
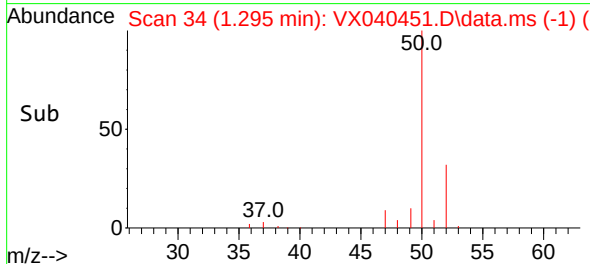
Instrument :
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Tgt Ion: 50 Resp: 52972
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

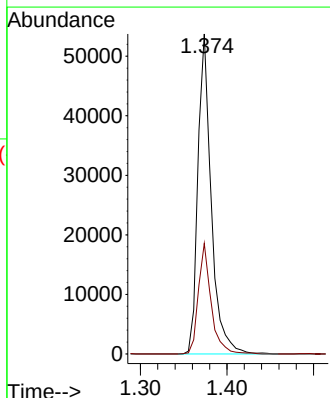
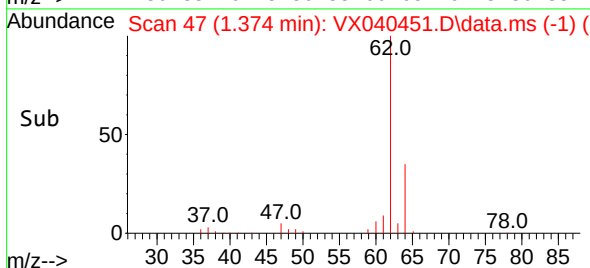
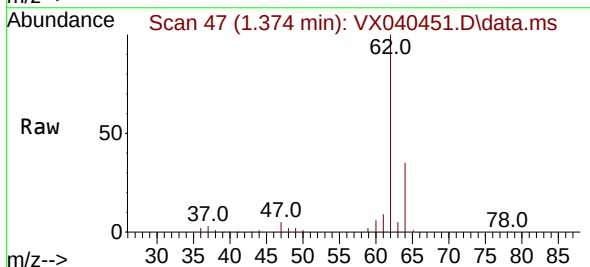
Manual Integrations
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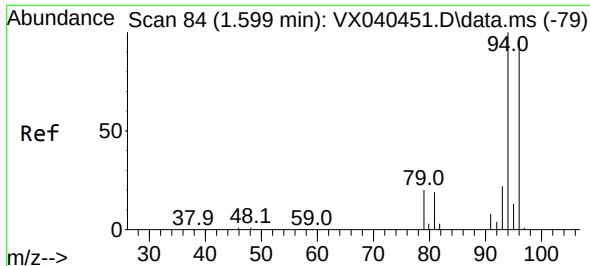
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#4
Vinyl Chloride
Concen: 47.144 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

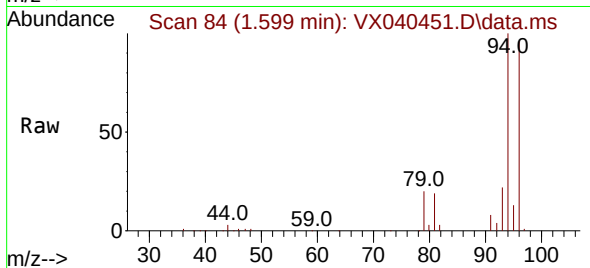
Tgt Ion: 62 Resp: 57467
Ion Ratio Lower Upper
62 100
64 34.6 25.4 38.0





#5
Bromomethane
Concen: 53.489 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

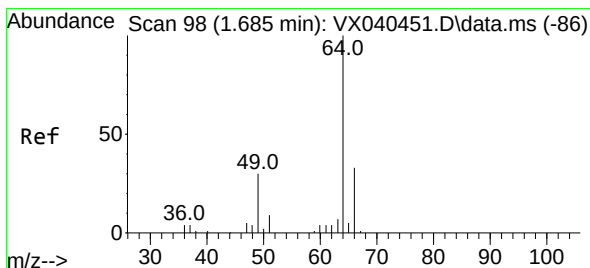
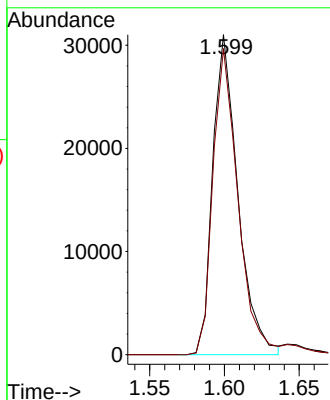
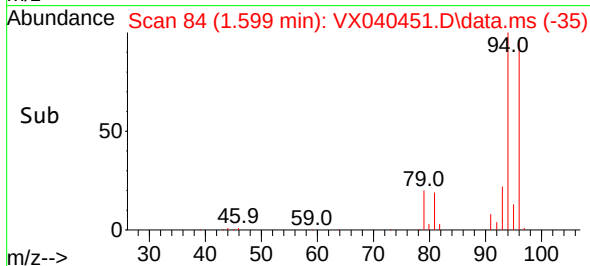
Instrument :
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Tgt Ion: 94 Resp: 36234
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8

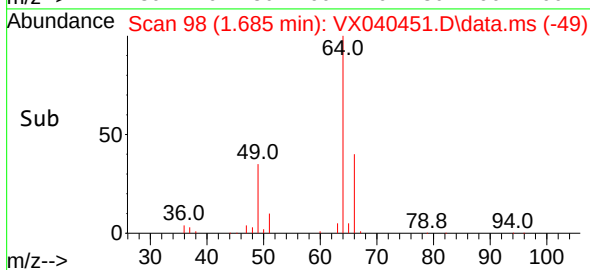
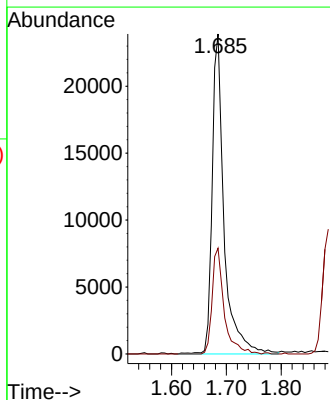
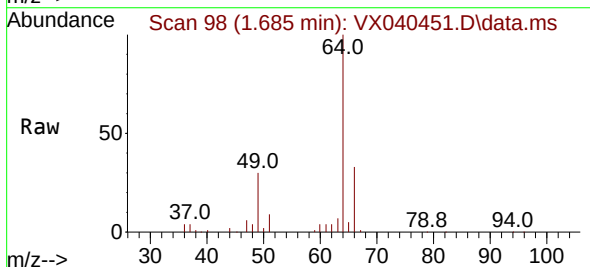
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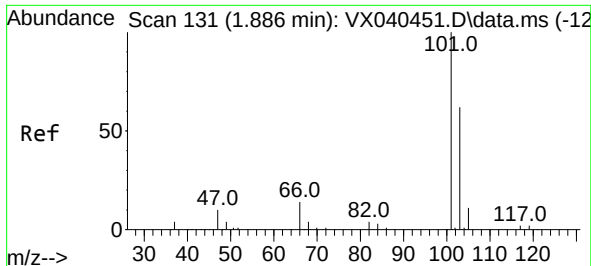
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#6
Chloroethane
Concen: 46.498 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

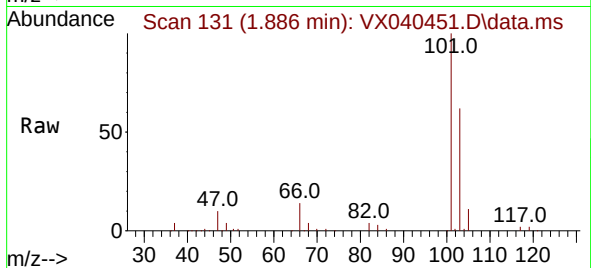
Tgt Ion: 64 Resp: 35870
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.487 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040451.D
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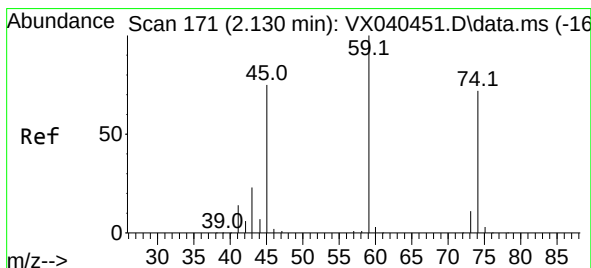
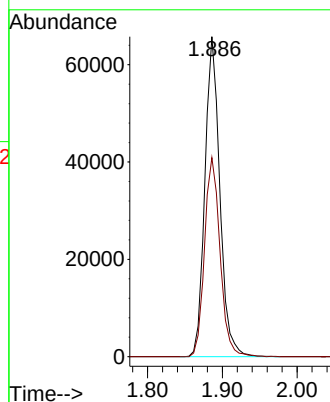
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 9142
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2

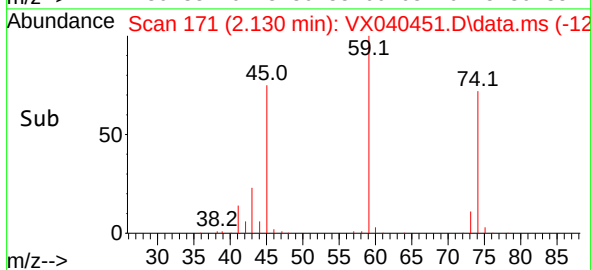
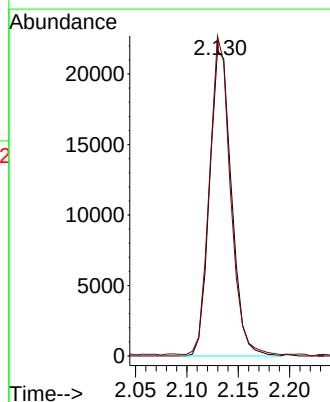
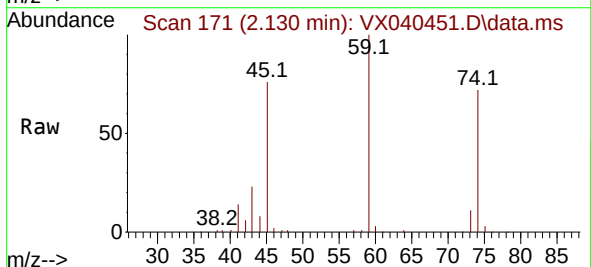
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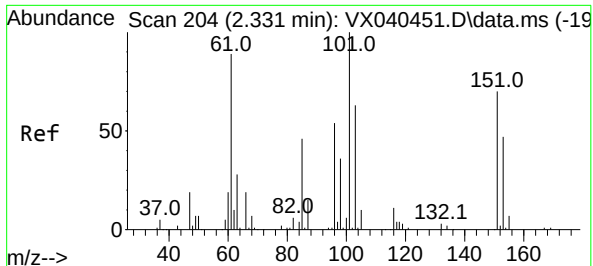
Reviewed By :John Carlone 02/27/2024
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#8
Diethyl Ether
Concen: 47.961 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 74 Resp: 32275
Ion Ratio Lower Upper
74 100
45 99.9 53.3 159.8





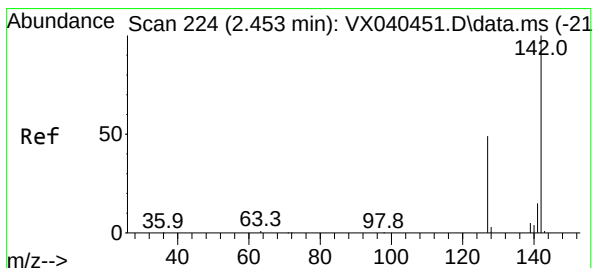
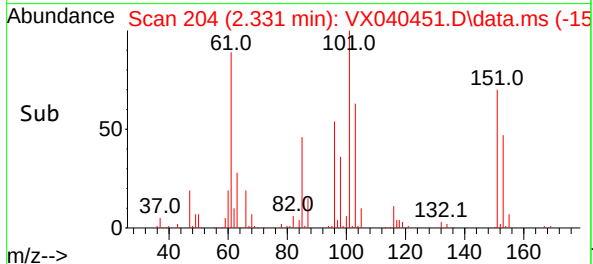
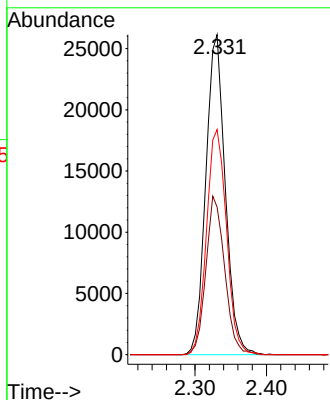
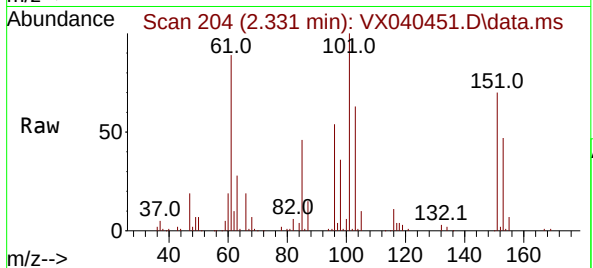
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.533 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 4925
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 72.3 58.6 87.8

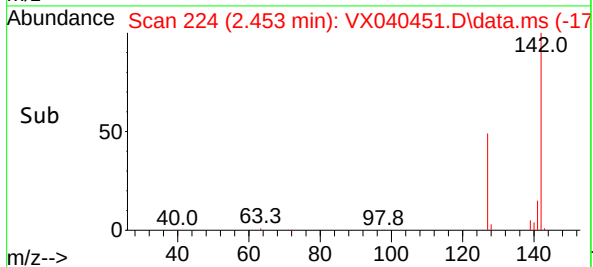
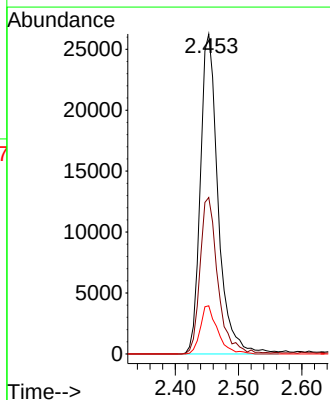
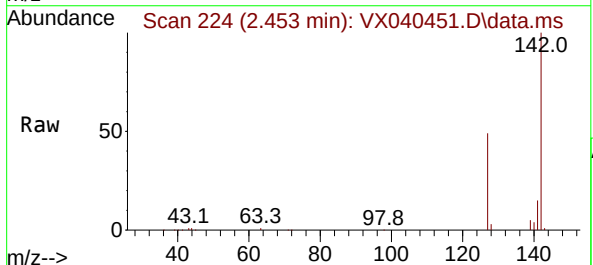
Manual Integrations
APPROVED

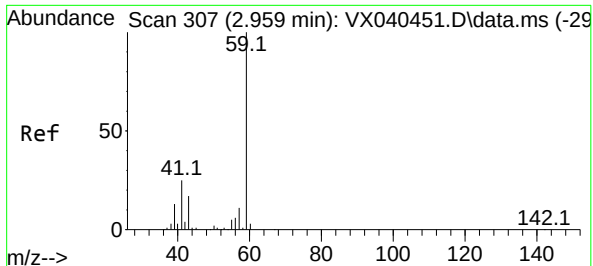
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#10
Methyl Iodide
Concen: 47.935 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

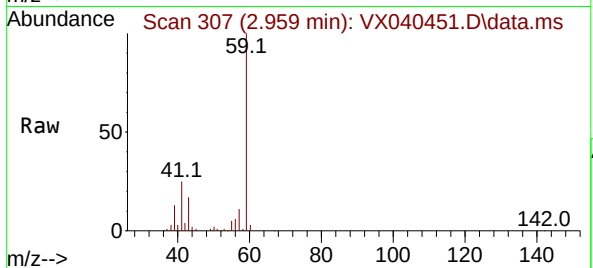
Tgt Ion:142 Resp: 51383
Ion Ratio Lower Upper
142 100
127 49.2 41.6 62.4
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.925 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

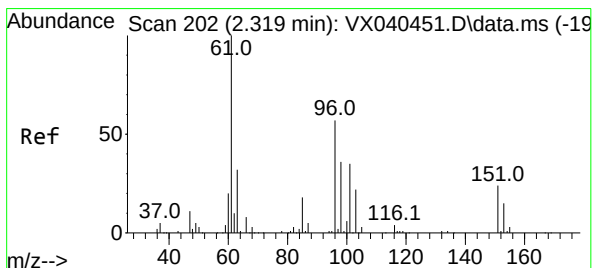
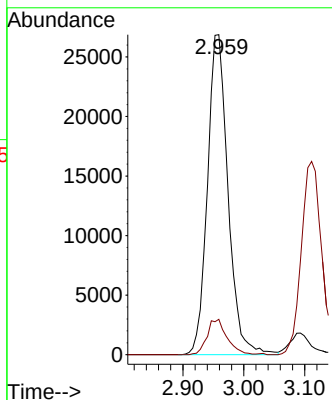
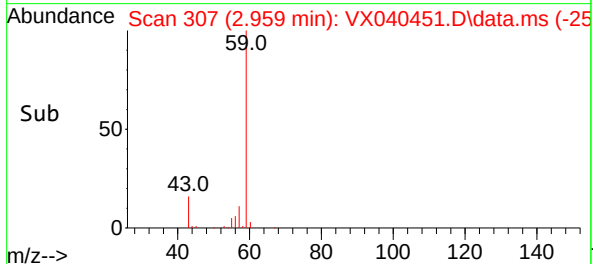
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



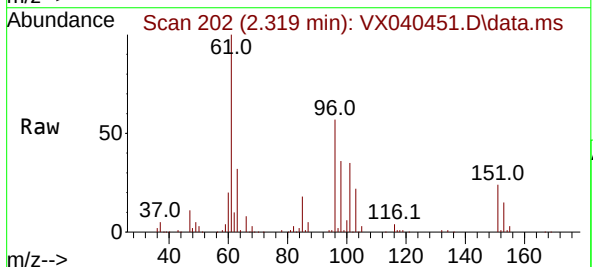
Tgt Ion: 59 Resp: 63144
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

Manual Integrations
APPROVED

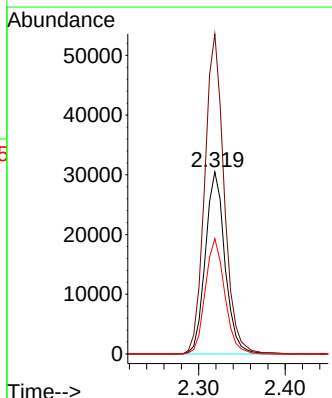
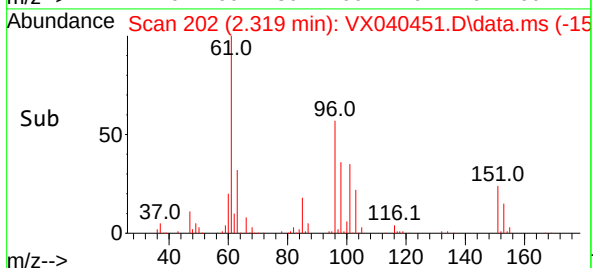
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

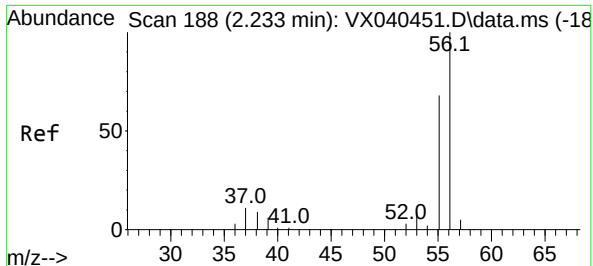


#12
1,1-Dichloroethene
Concen: 46.061 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



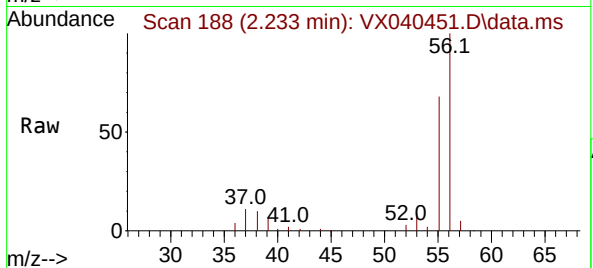
Tgt Ion: 96 Resp: 47923
Ion Ratio Lower Upper
96 100
61 175.8 144.6 216.8
98 63.3 50.4 75.6





#13
Acrolein
Concen: 234.845 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

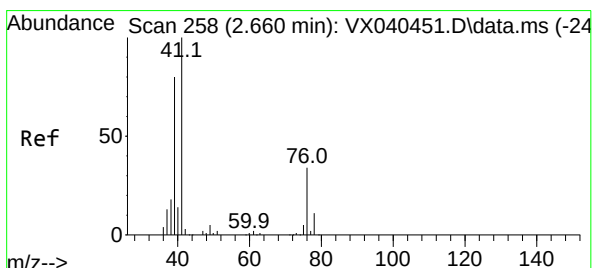
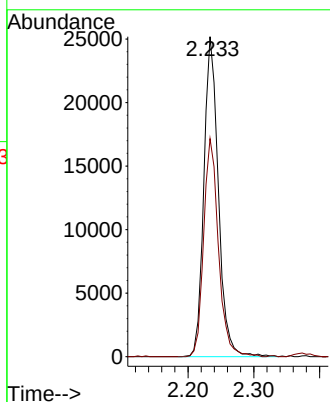
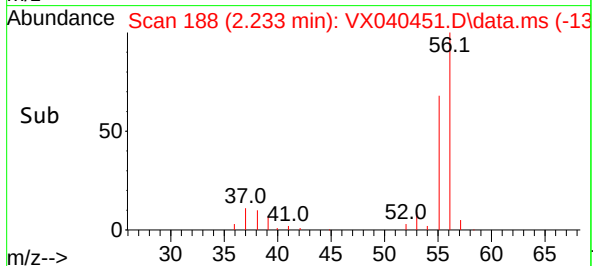
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

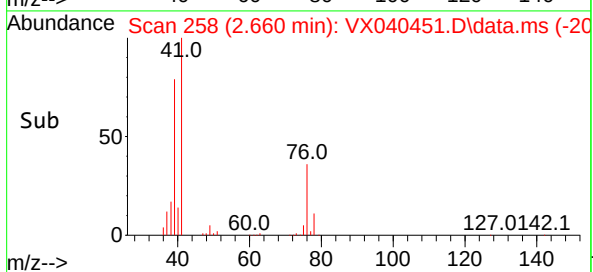
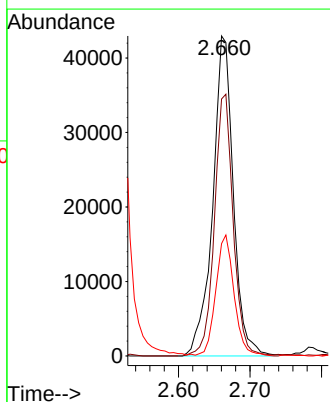
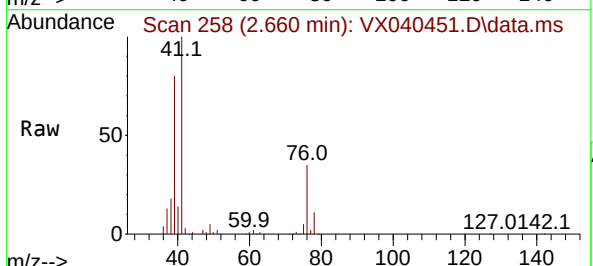
Manual Integrations
APPROVED

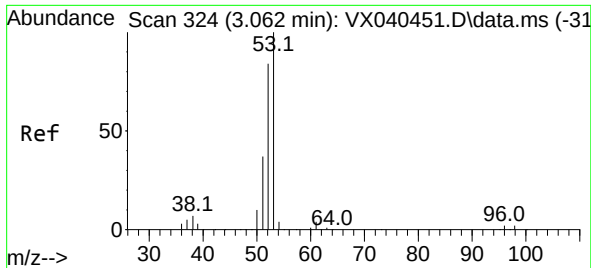
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#14
Allyl chloride
Concen: 47.371 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

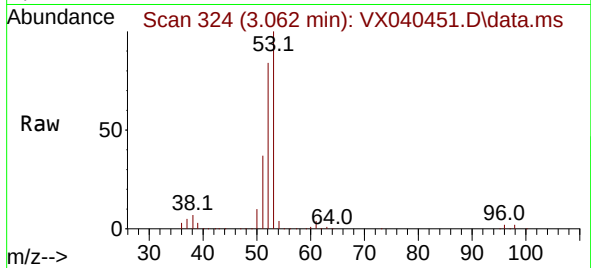
Tgt Ion: 41 Resp: 86226
Ion Ratio Lower Upper
41 100
39 74.4 55.8 83.6
76 33.5 24.3 36.5





#15
Acrylonitrile
Concen: 239.125 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

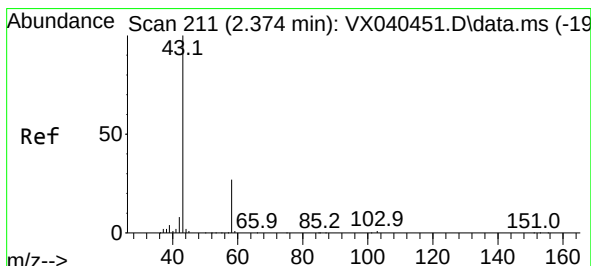
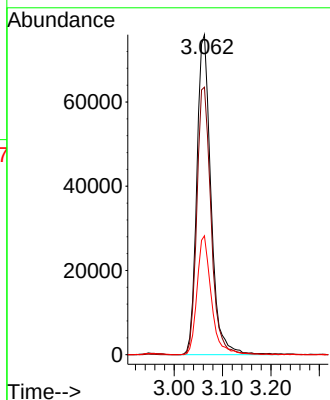
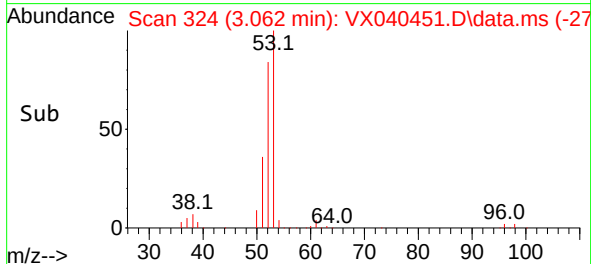
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 15401
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 37.7 29.8 44.6

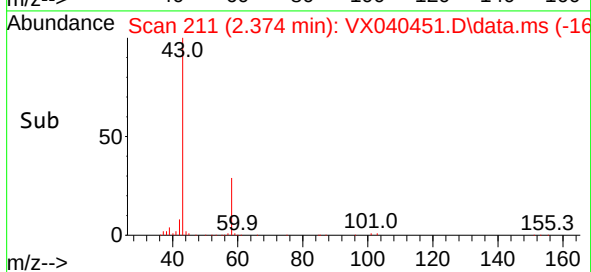
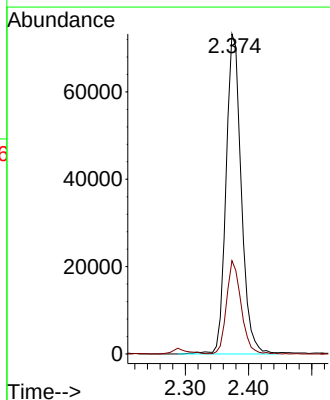
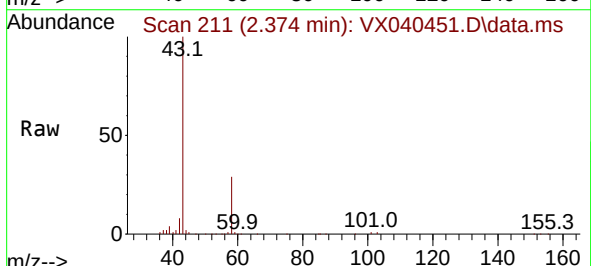
Manual Integrations
APPROVED

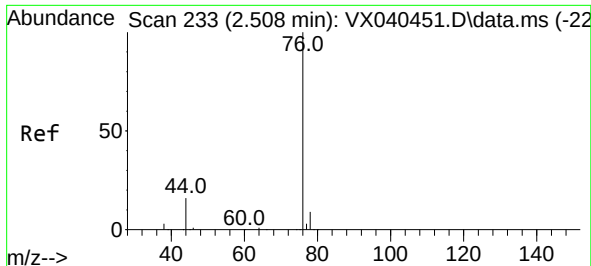
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#16
Acetone
Concen: 245.125 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 43 Resp: 122098
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9





#17

Carbon Disulfide

Concen: 46.019 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 132590

Ion Ratio Lower Upper

76 100

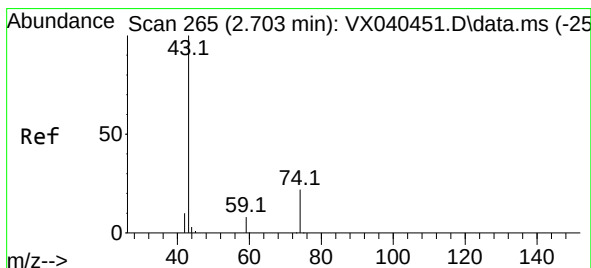
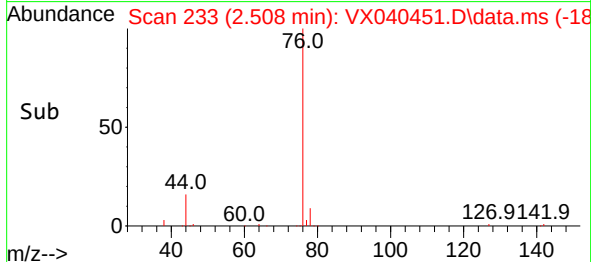
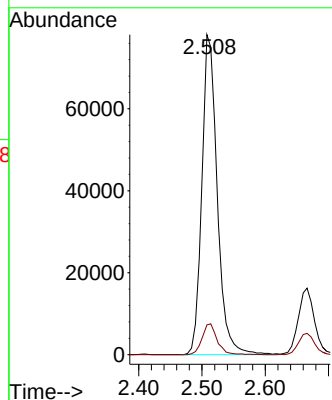
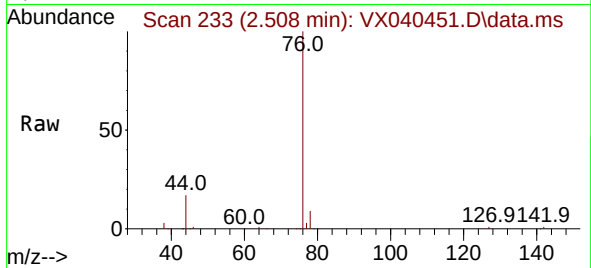
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#18

Methyl Acetate

Concen: 49.948 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040451.D

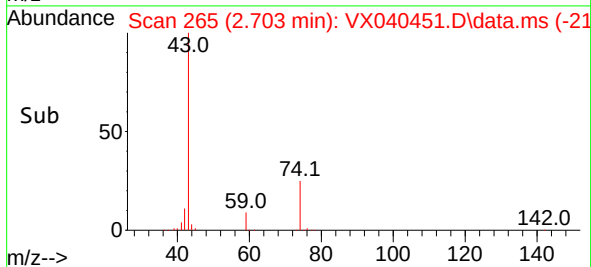
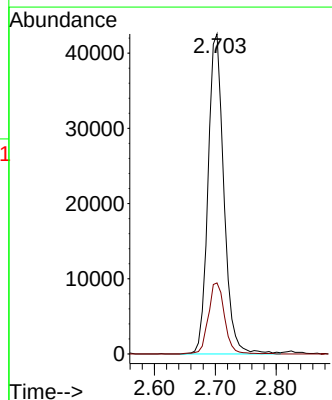
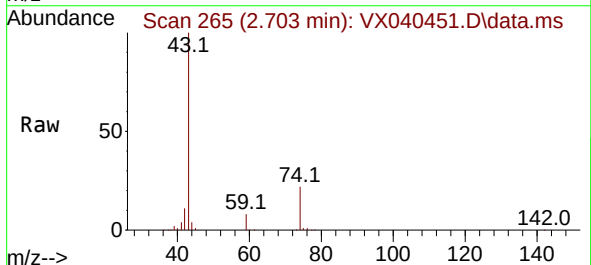
Acq: 26 Feb 2024 10:53

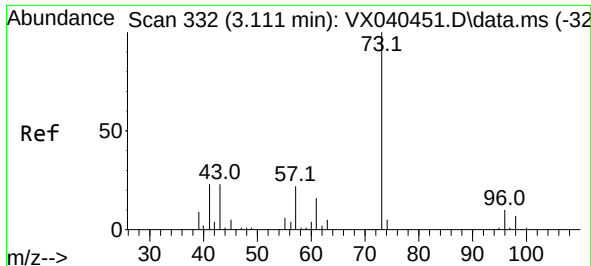
Tgt Ion: 43 Resp: 76702

Ion Ratio Lower Upper

43 100

74 22.8 17.8 26.8





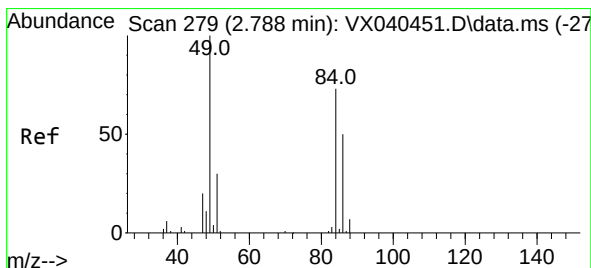
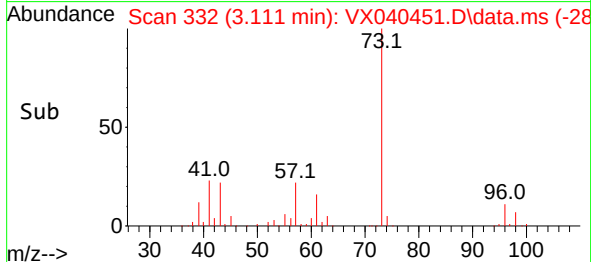
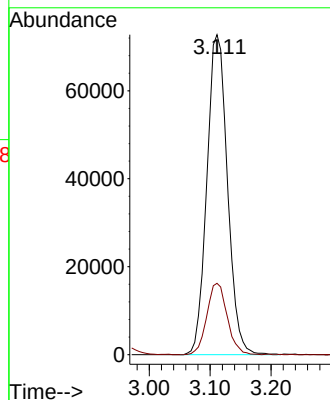
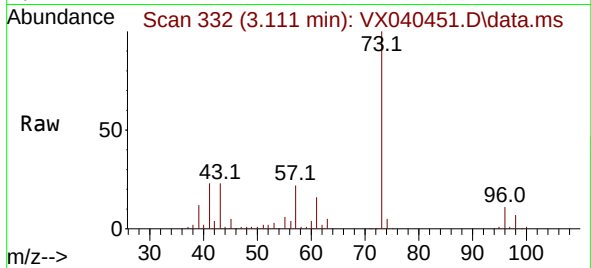
#19
Methyl tert-butyl Ether
Concen: 48.172 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 170950
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

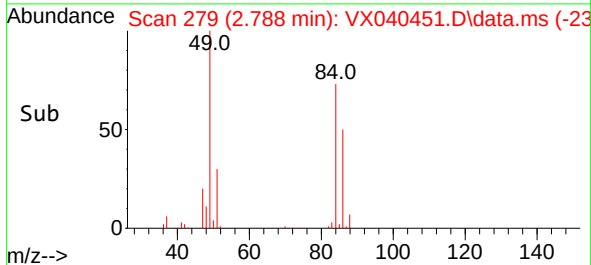
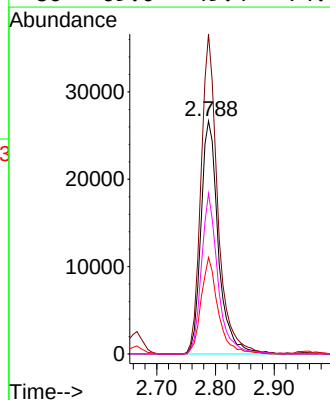
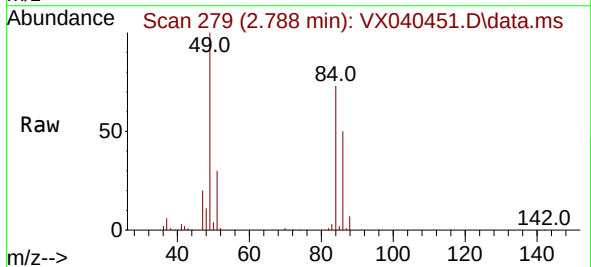
Manual Integrations
APPROVED

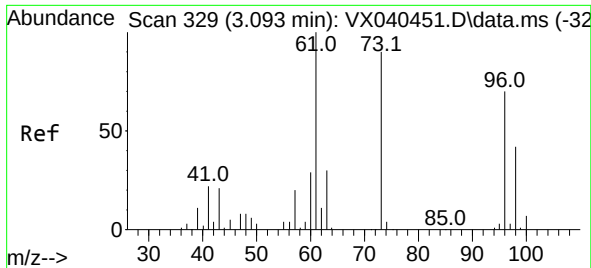
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#20
Methylene Chloride
Concen: 46.044 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 84 Resp: 54884
Ion Ratio Lower Upper
84 100
49 137.4 103.6 155.4
51 41.4 33.8 50.6
86 69.0 49.4 74.0





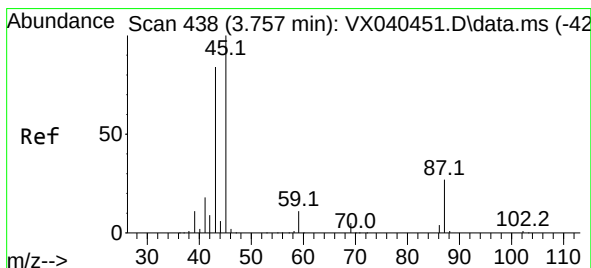
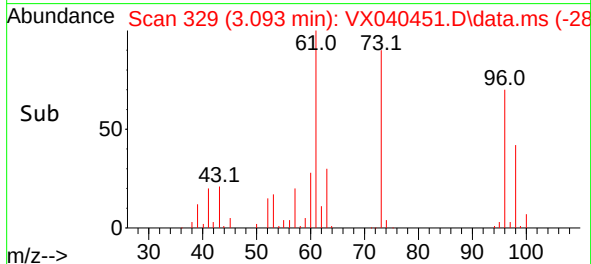
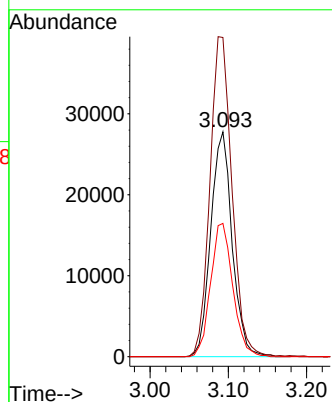
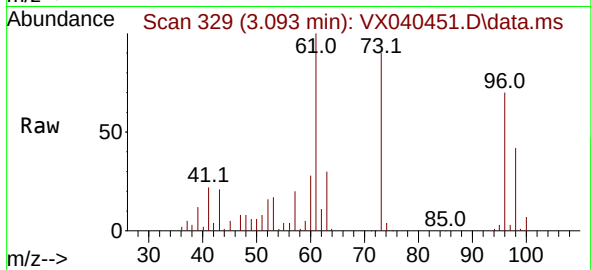
#21
trans-1,2-Dichloroethene
Concen: 47.533 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 5274
Ion Ratio Lower Upper
96 100
61 142.0 119.2 178.8
98 59.3 48.7 73.1

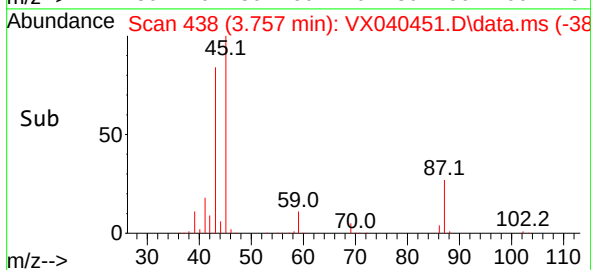
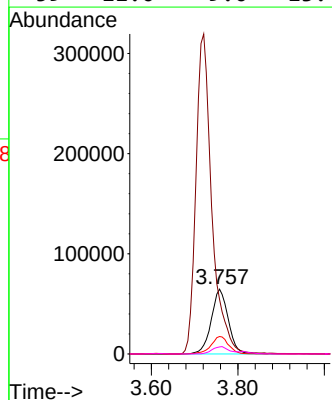
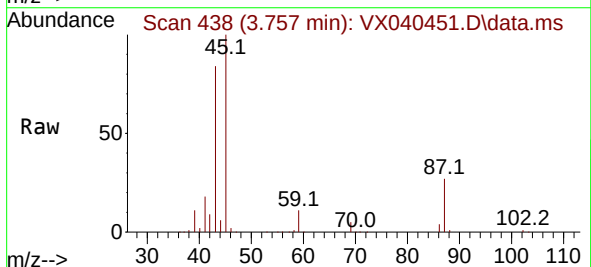
Manual Integrations
APPROVED

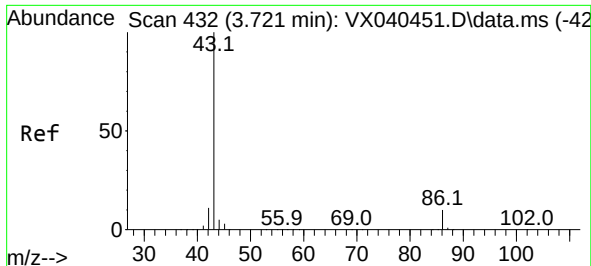
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#22
Diisopropyl ether
Concen: 48.173 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 45 Resp: 176207
Ion Ratio Lower Upper
45 100
43 84.1 69.7 104.5
87 26.8 20.8 31.2
59 11.0 9.0 13.4





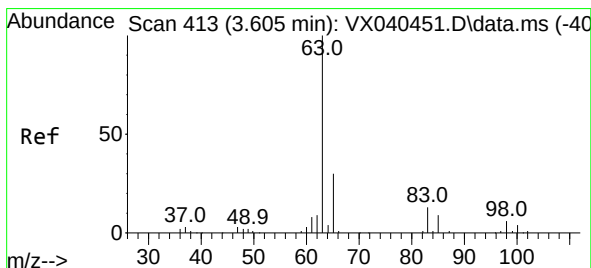
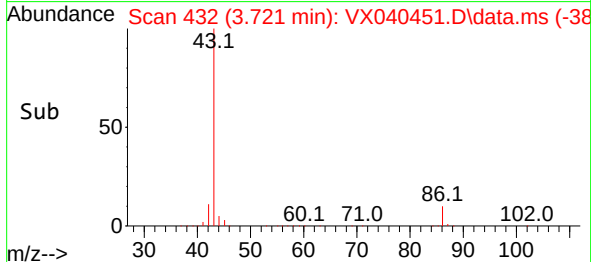
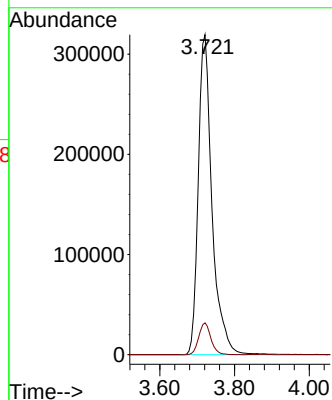
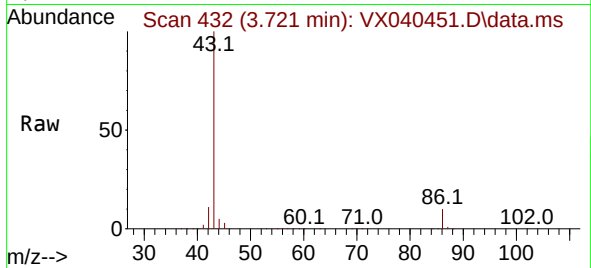
#23
 Vinyl Acetate
 Concen: 243.501 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040451.D
 Acq: 26 Feb 2024 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 815898
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

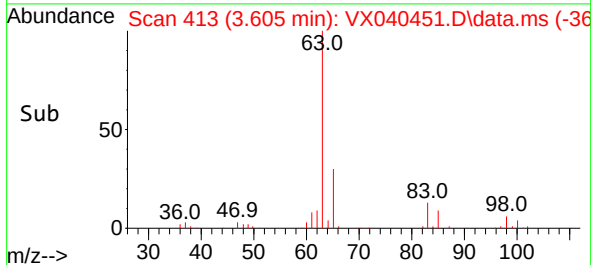
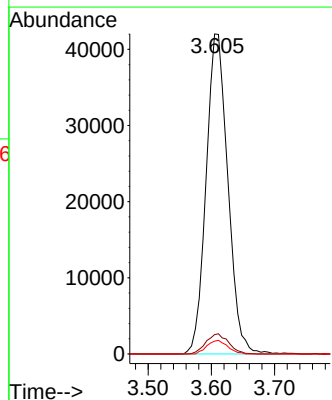
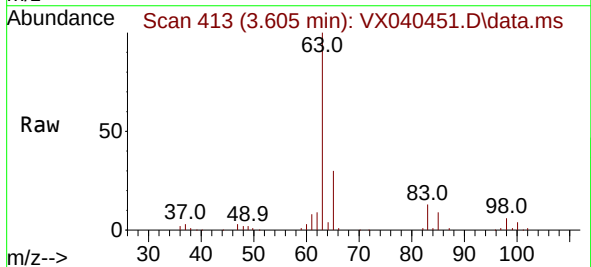
Manual Integrations
 APPROVED

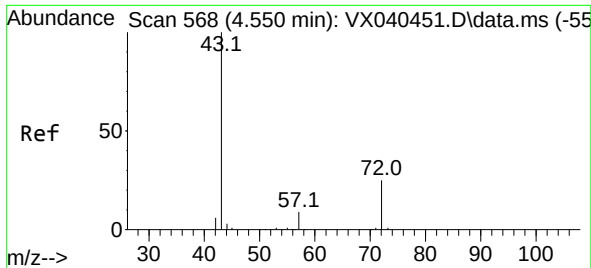
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024



#24
 1,1-Dichloroethane
 Concen: 47.111 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040451.D
 Acq: 26 Feb 2024 10:53

Tgt Ion: 63 Resp: 100491
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.0 2.1 6.5





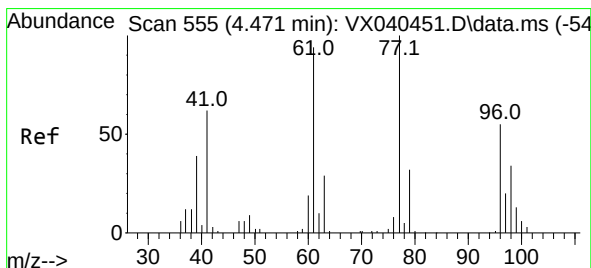
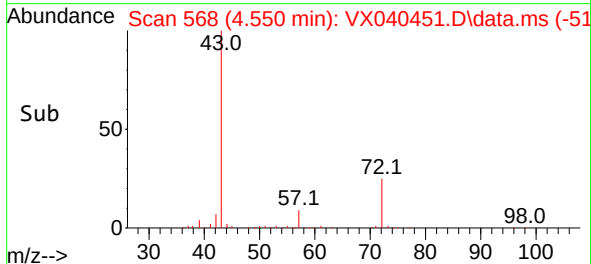
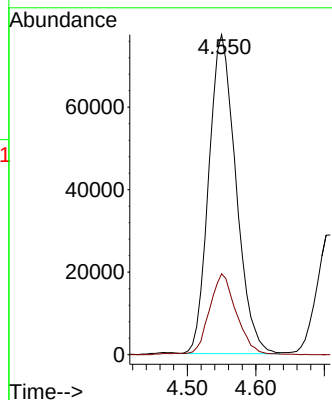
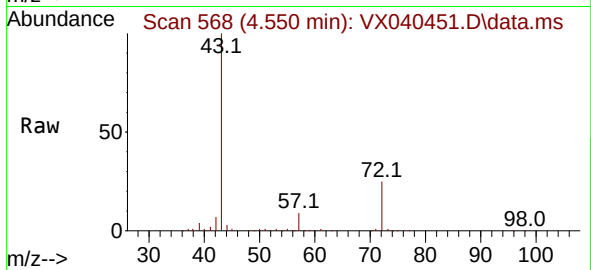
#25
2-Butanone
Concen: 244.996 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 212619
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

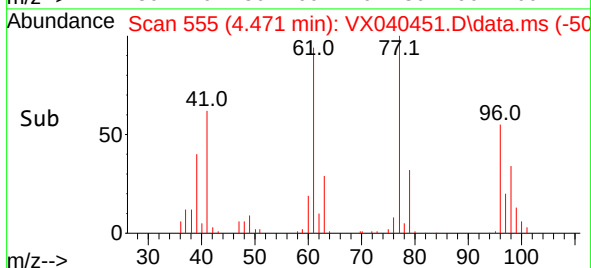
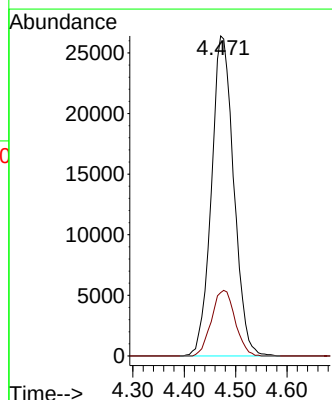
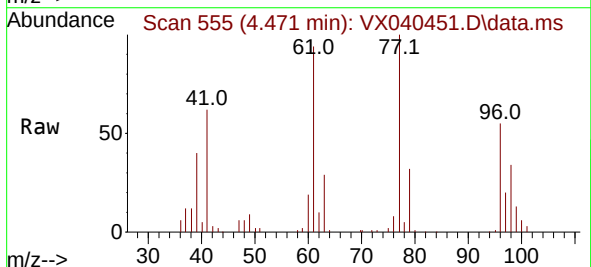
Manual Integrations
APPROVED

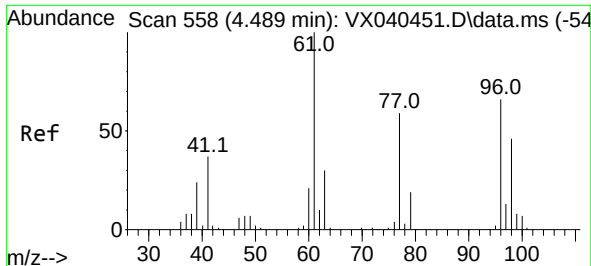
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#26
2,2-Dichloropropane
Concen: 46.898 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 77 Resp: 79648
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.211 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 5998

Ion Ratio Lower Upper

96 100

61 156.7 0.0 312.2

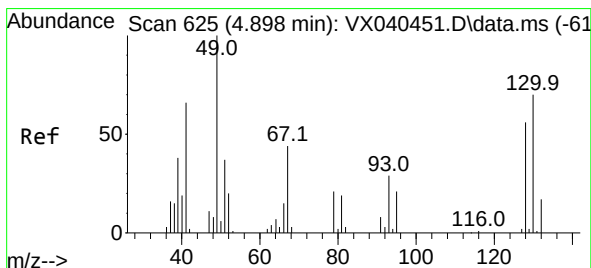
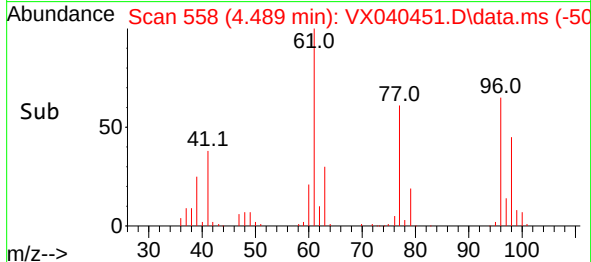
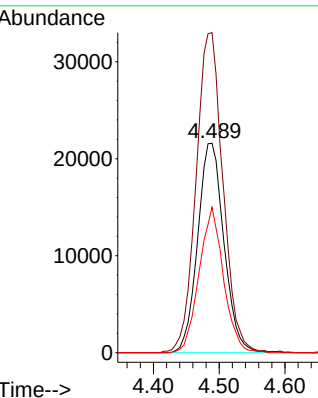
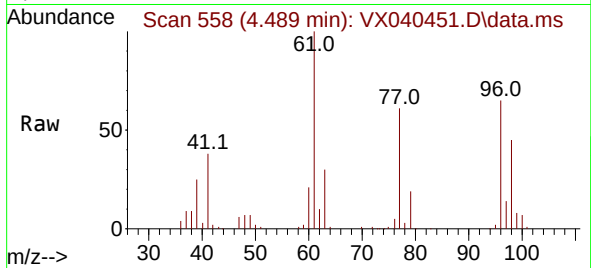
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#28

Bromochloromethane

Concen: 52.071 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

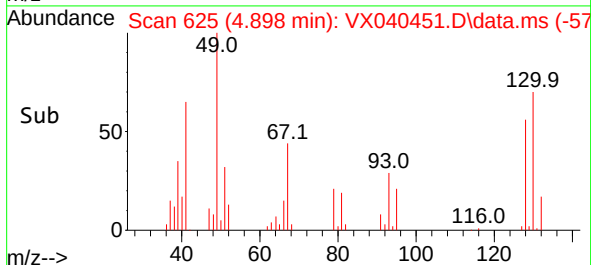
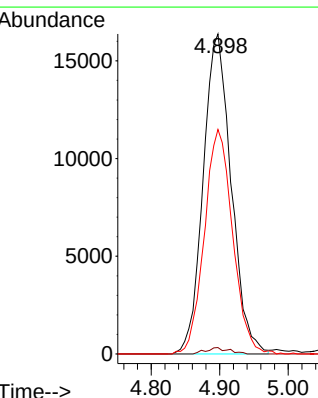
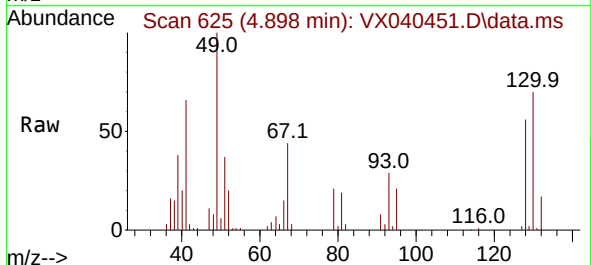
Tgt Ion: 49 Resp: 46461

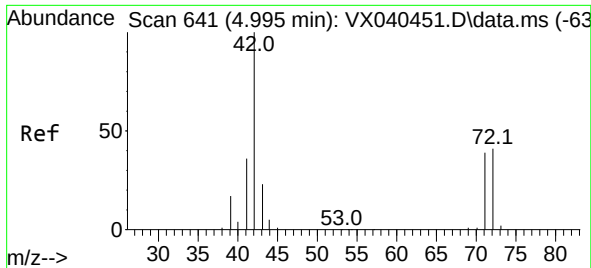
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 70.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 238.892 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 14463

Ion Ratio Lower Upper

42 100

72 44.3 34.2 51.4

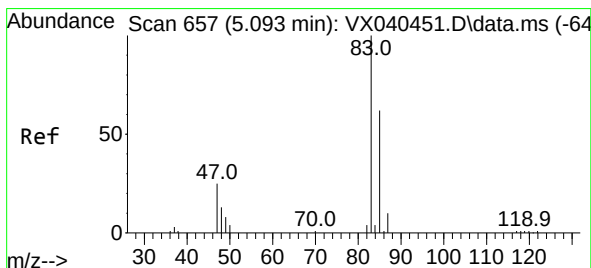
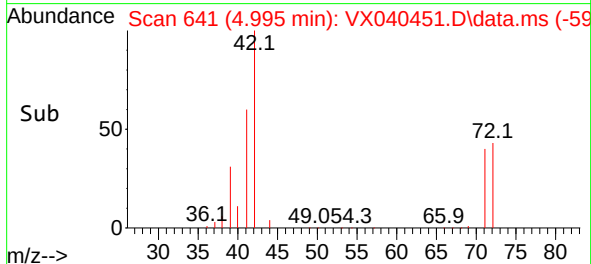
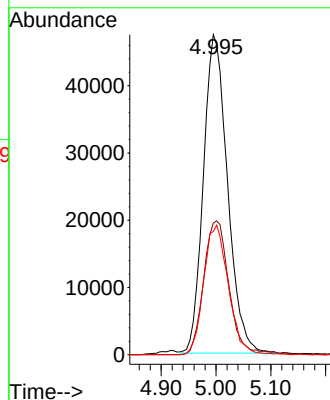
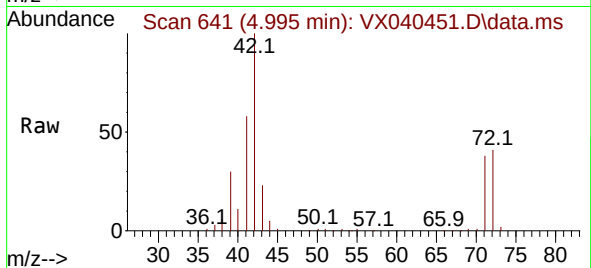
71 41.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#30

Chloroform

Concen: 48.097 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040451.D

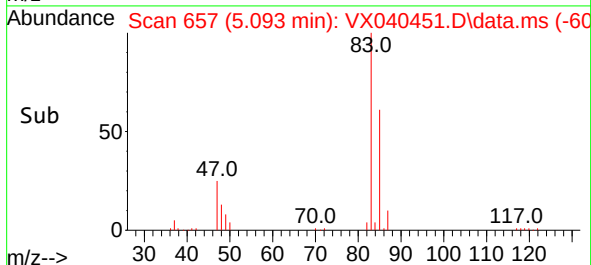
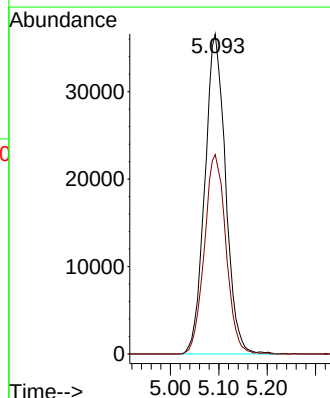
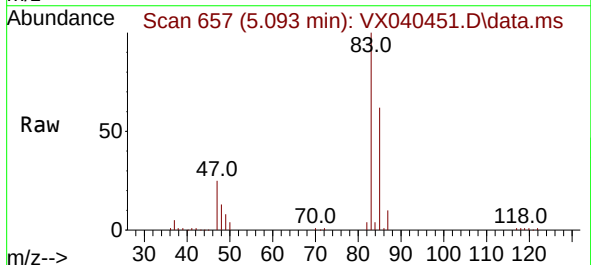
Acq: 26 Feb 2024 10:53

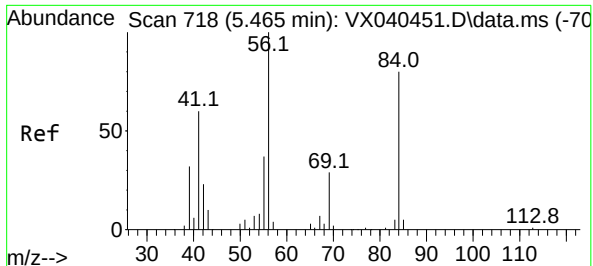
Tgt Ion: 83 Resp: 108898

Ion Ratio Lower Upper

83 100

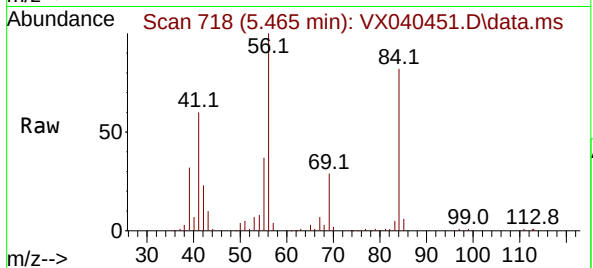
85 62.3 50.3 75.5





#31
Cyclohexane
Concen: 47.822 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

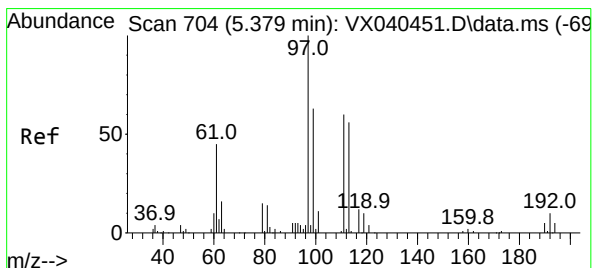
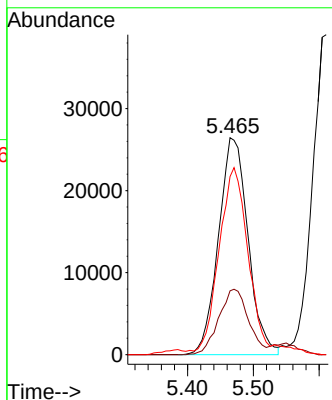
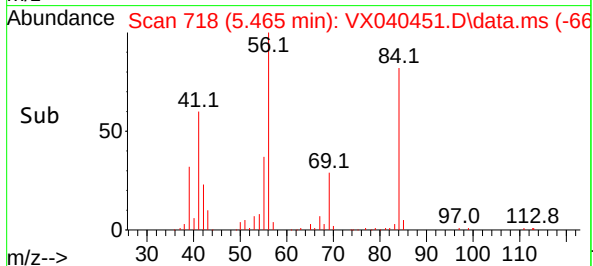
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 8275
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 79.6 65.9 98.9

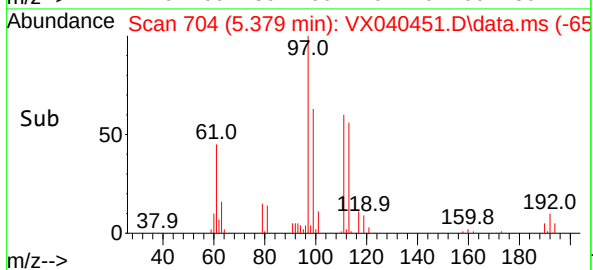
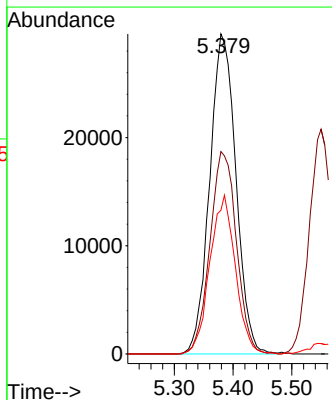
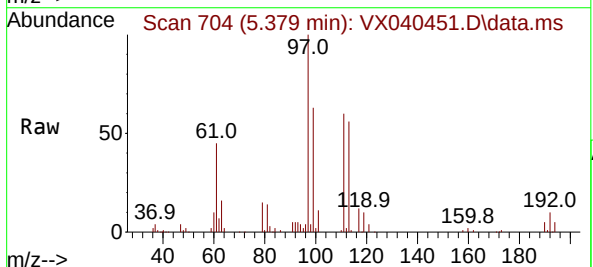
Manual Integrations
APPROVED

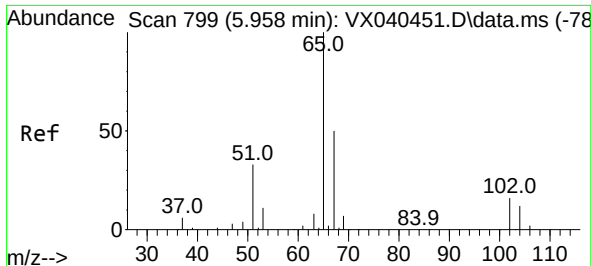
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 47.536 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 97 Resp: 91860
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.286 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 70690

Ion Ratio Lower Upper

65 100

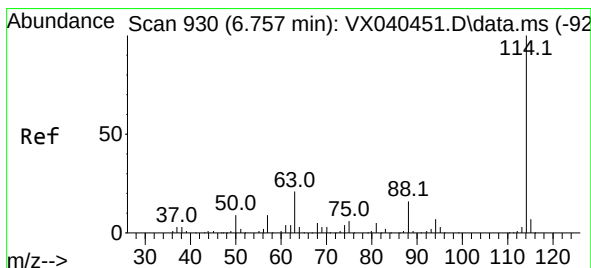
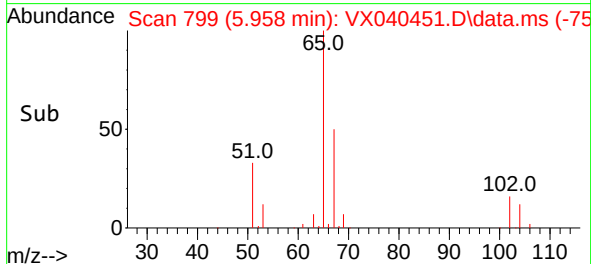
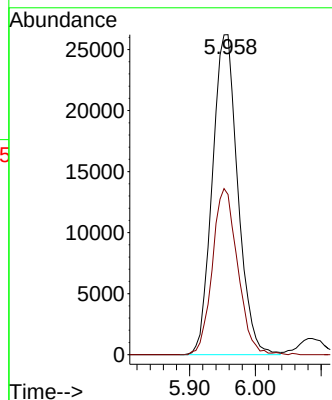
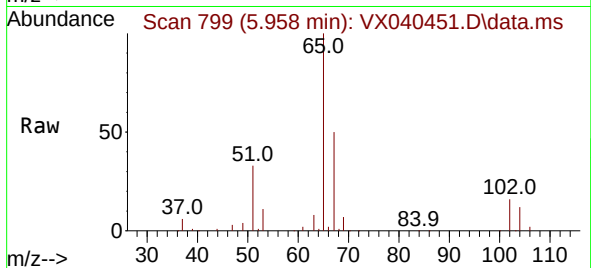
67 51.4 0.0 100.2

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: VX040451.D

Acq: 26 Feb 2024 10:53

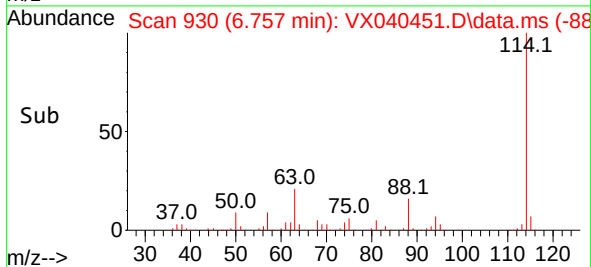
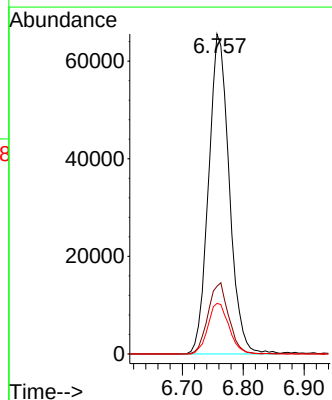
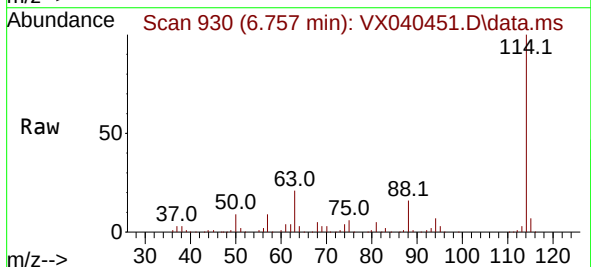
Tgt Ion:114 Resp: 154629

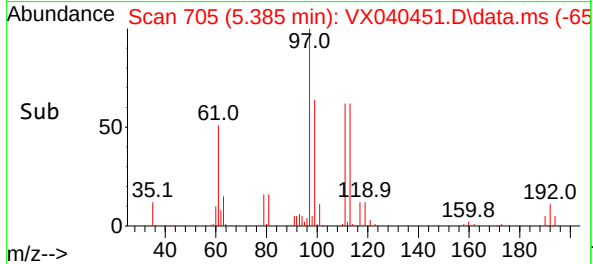
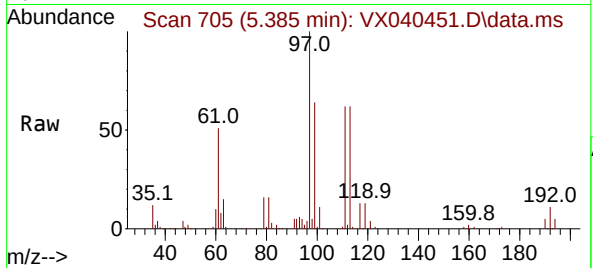
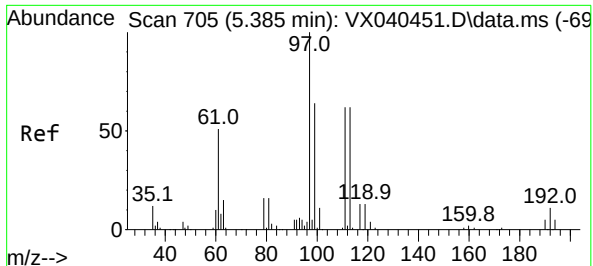
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.8 0.0 36.6





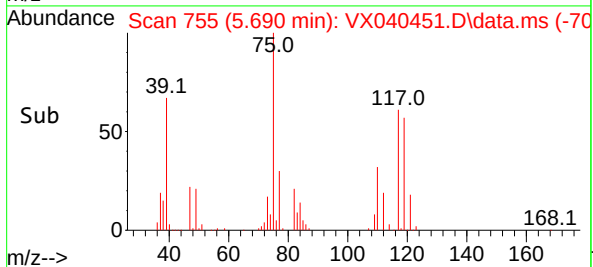
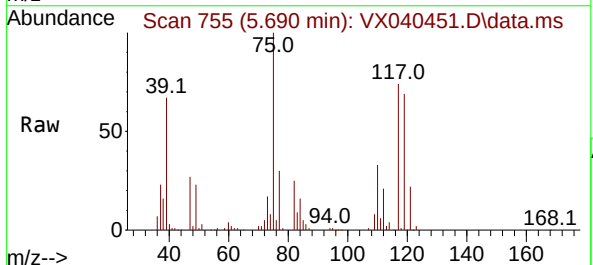
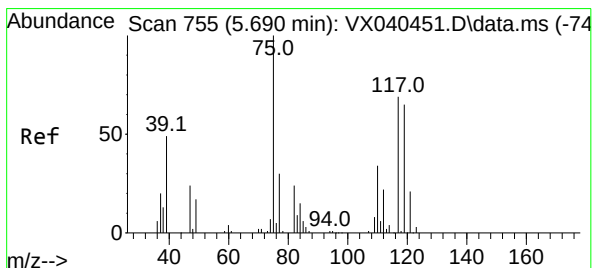
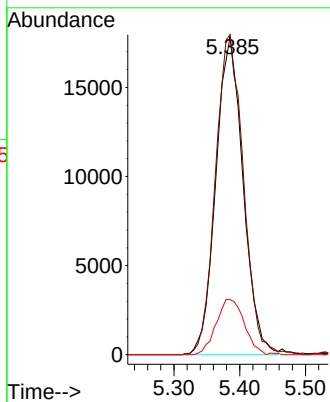
#35
Dibromofluoromethane
Concen: 47.732 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 113 Resp: 51329
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.0 13.3 19.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

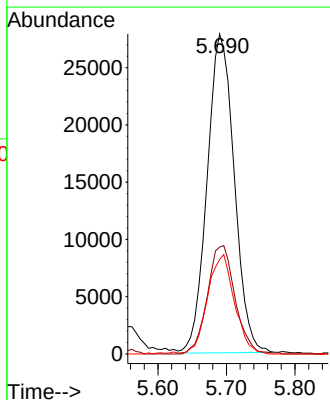
Manual Integrations
APPROVED

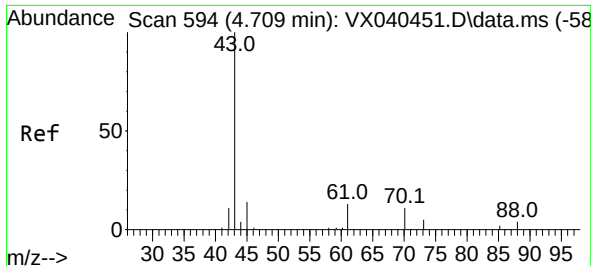
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#36
1,1-Dichloropropene
Concen: 46.198 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

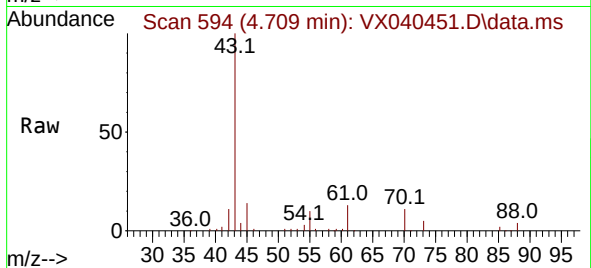
Tgt Ion: 75 Resp: 76535
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 47.785 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

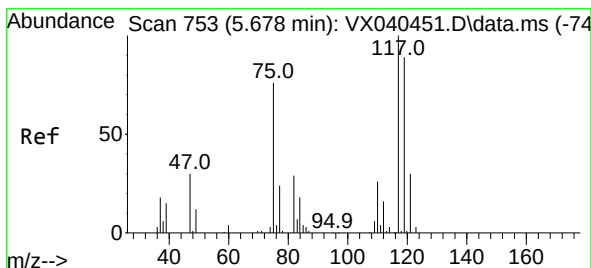
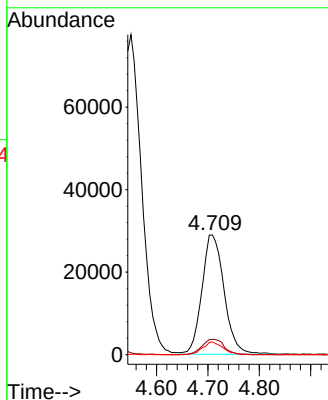
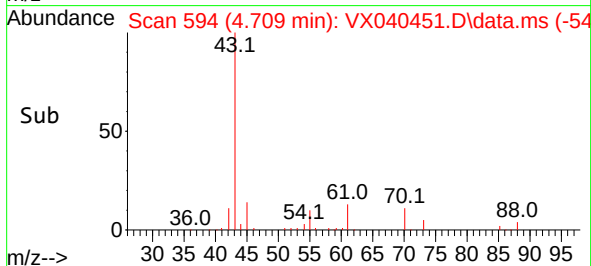
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 86638
Ion Ratio Lower Upper
43 100
61 13.0 10.6 16.0
70 9.7 8.3 12.5

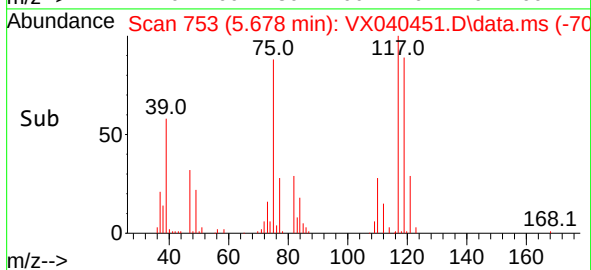
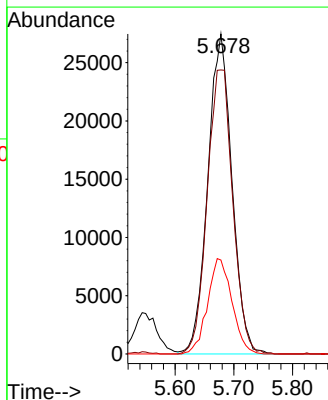
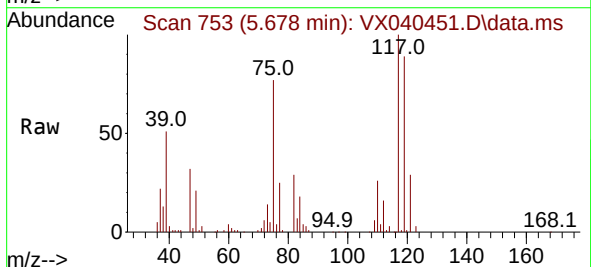
Manual Integrations
APPROVED

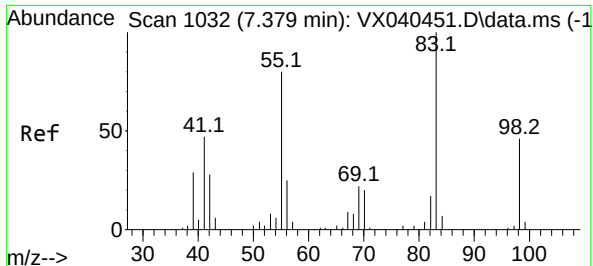
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#38
Carbon Tetrachloride
Concen: 49.106 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion:117 Resp: 78591
Ion Ratio Lower Upper
117 100
119 88.7 78.2 117.2
121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 48.746 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

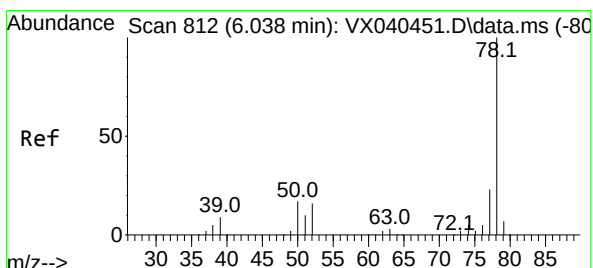
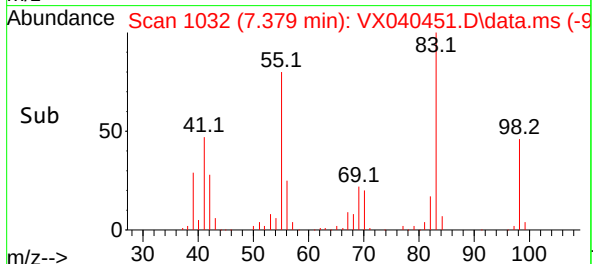
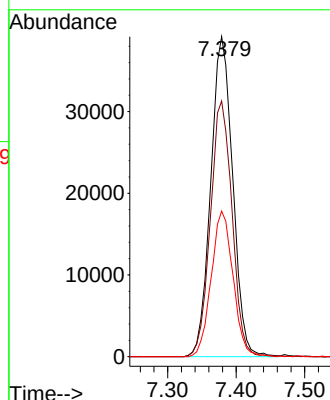
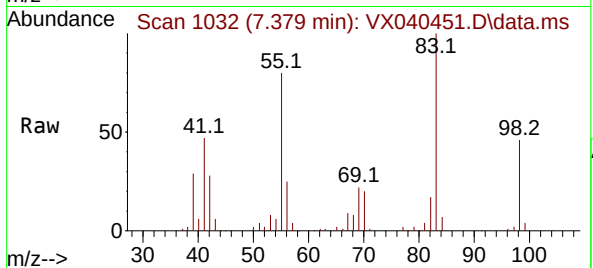
Tgt Ion: 83	Resp: 8718
Ion Ratio	Lower Upper
83	100
55	79.9 64.6 97.0
98	45.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#40

Benzene

Concen: 47.830 ug/l

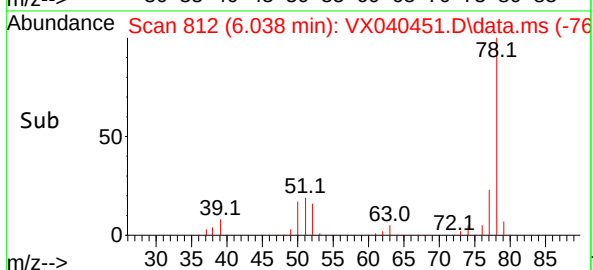
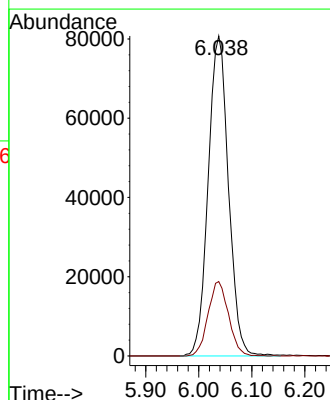
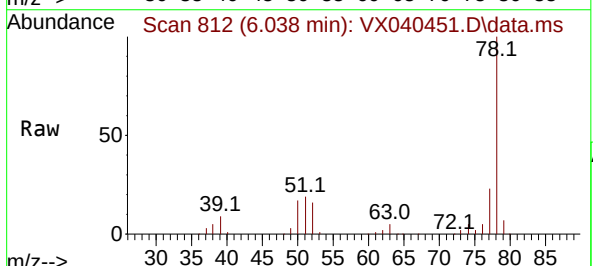
RT: 6.038 min Scan# 812

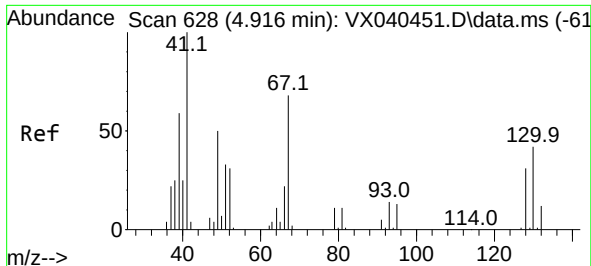
Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

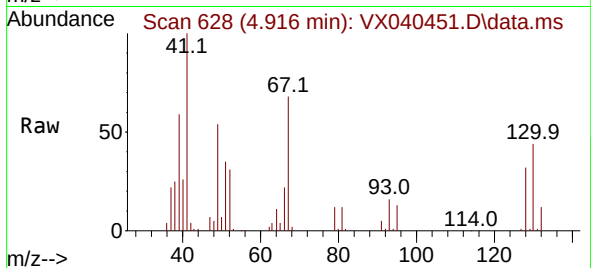
Tgt Ion: 78	Resp: 214533
Ion Ratio	Lower Upper
78	100
77	23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 47.064 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

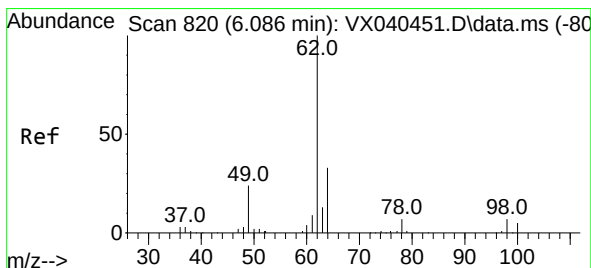
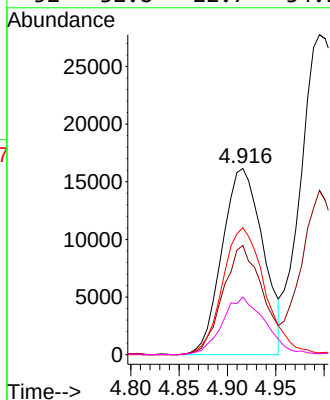
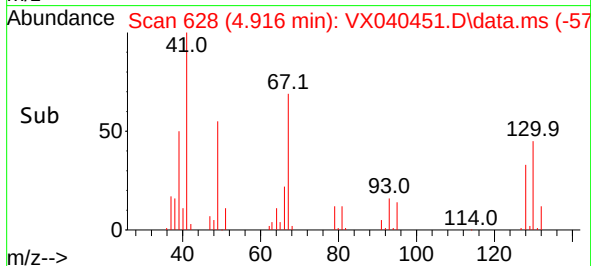
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 47664
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 70.9 52.6 78.8
52 32.8 22.7 34.1

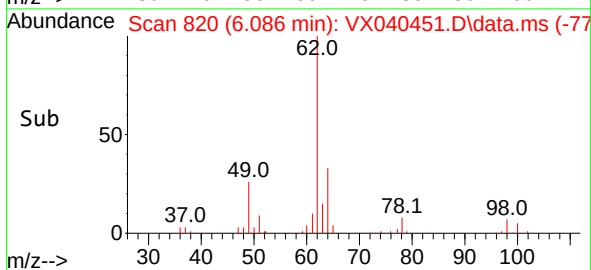
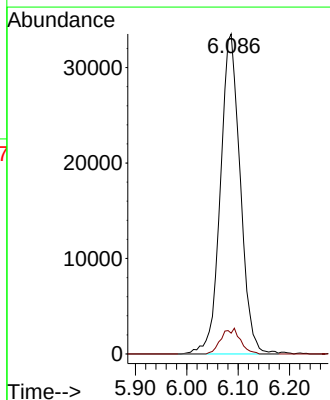
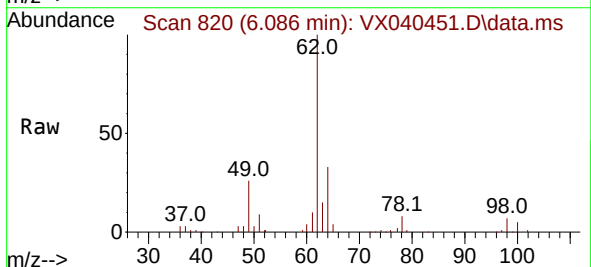
Manual Integrations
APPROVED

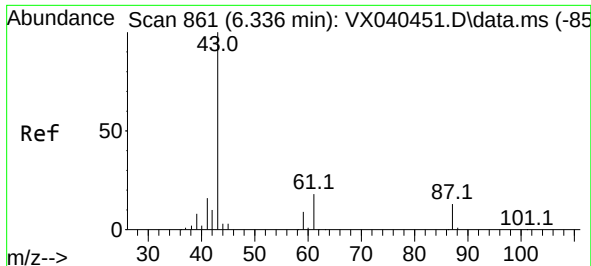
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#42
1,2-Dichloroethane
Concen: 48.435 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

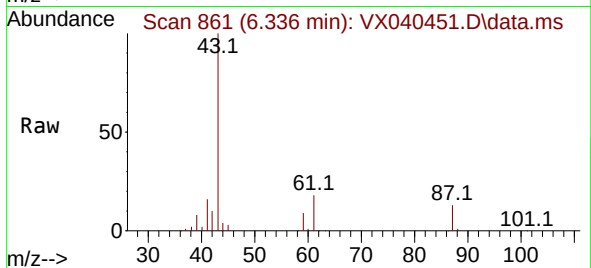
Tgt Ion: 62 Resp: 89915
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.119 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

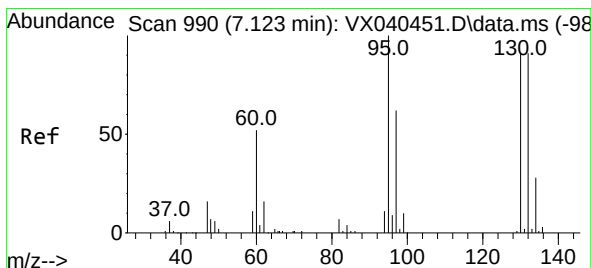
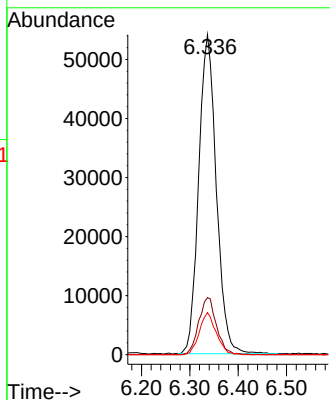
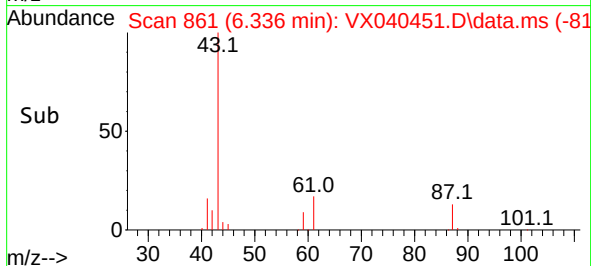
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 136894
Ion Ratio Lower Upper
43 100
61 18.0 15.2 22.8
87 12.6 9.8 14.6

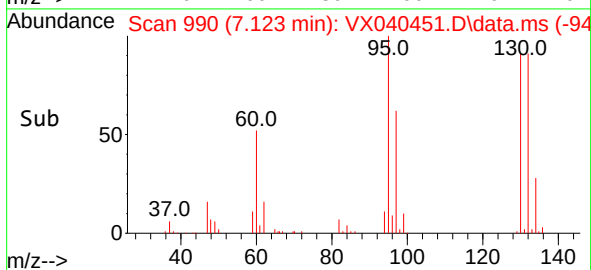
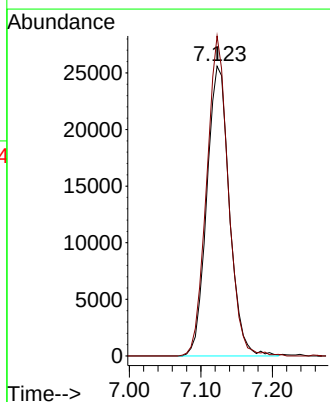
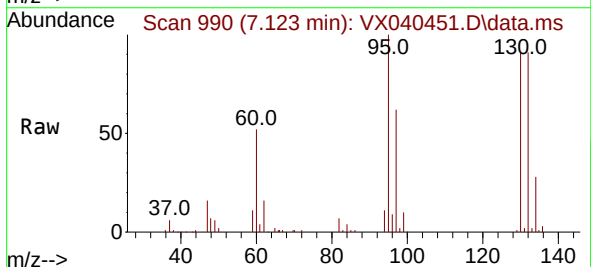
Manual Integrations
APPROVED

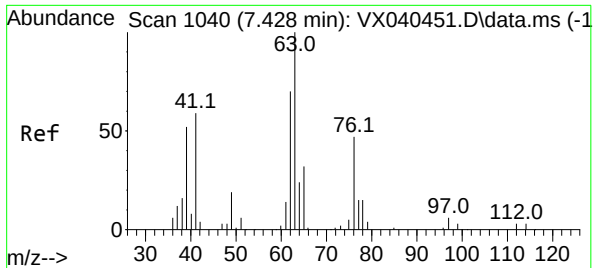
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#44
Trichloroethene
Concen: 46.602 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion:130 Resp: 56214
Ion Ratio Lower Upper
130 100
95 110.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.579 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 57114

Ion Ratio Lower Upper

63 100

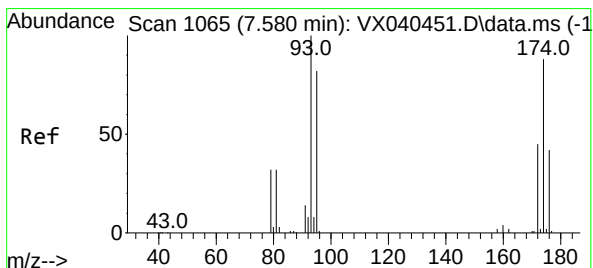
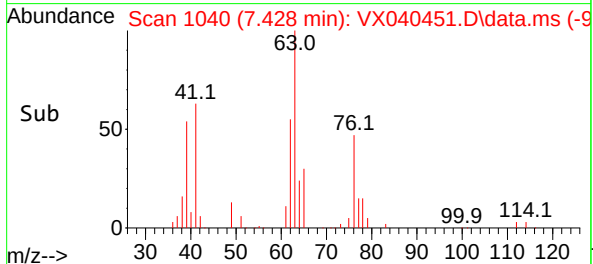
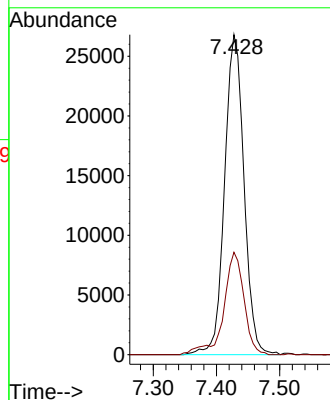
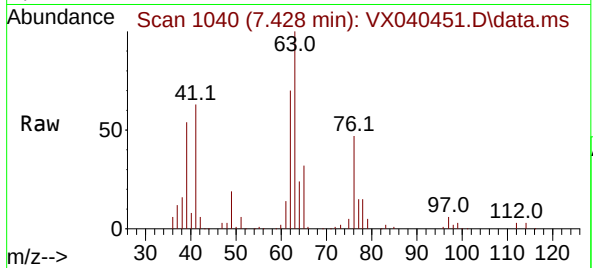
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#46

Dibromomethane

Concen: 48.226 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

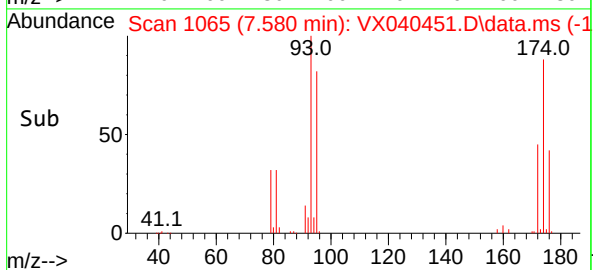
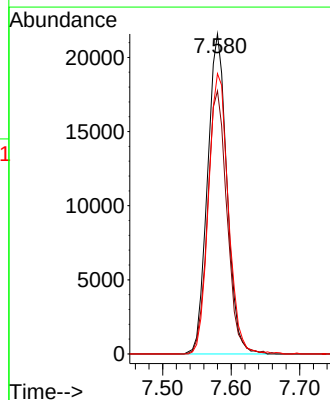
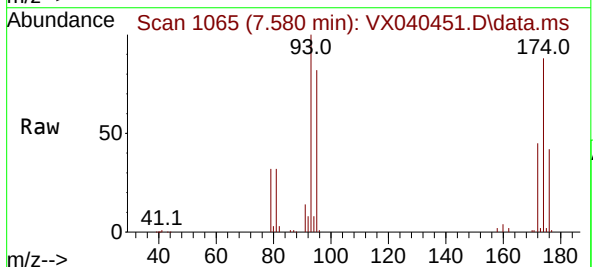
Tgt Ion: 93 Resp: 42561

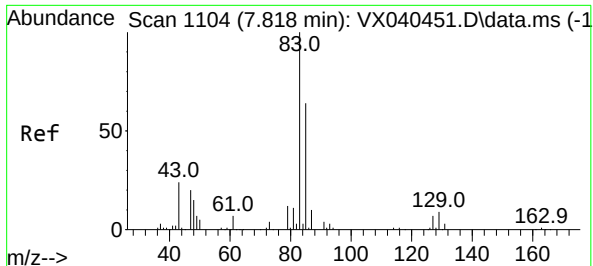
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 89.3 69.4 104.0





#47

Bromodichloromethane

Concen: 48.985 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

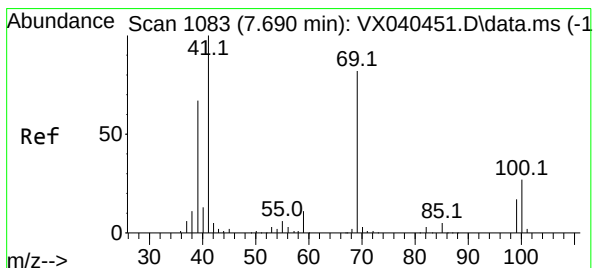
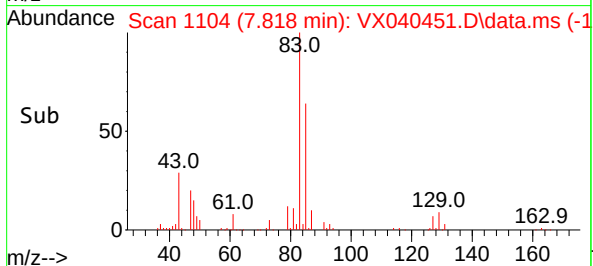
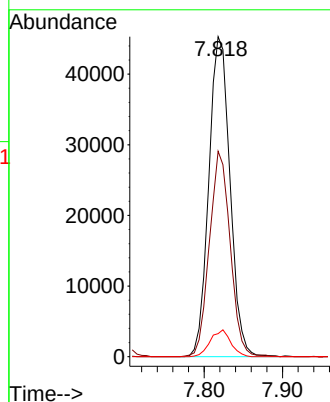
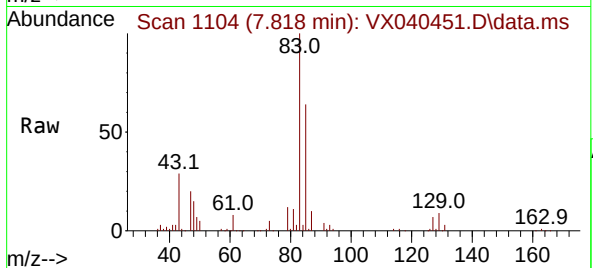
Tgt Ion: 83	Resp: 85119
Ion Ratio	Lower Upper
83 100	
85 64.2	49.8 74.6
127 7.2	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#48

Methyl methacrylate

Concen: 50.030 ug/l

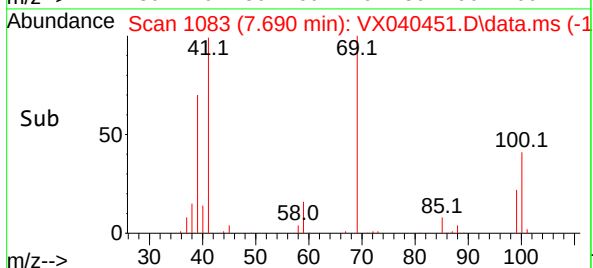
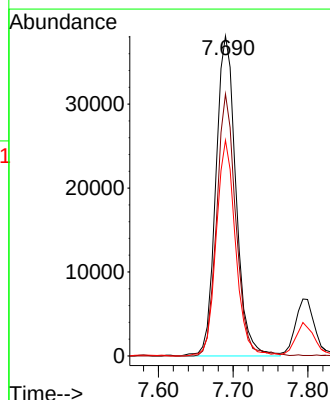
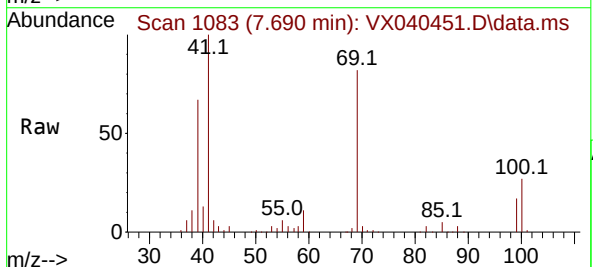
RT: 7.690 min Scan# 1083

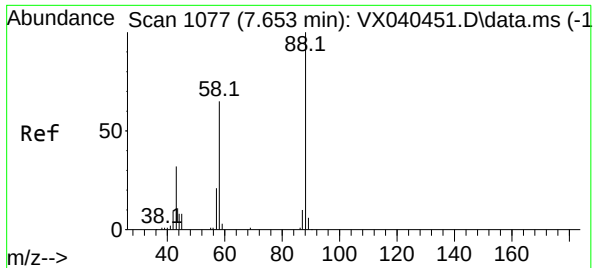
Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

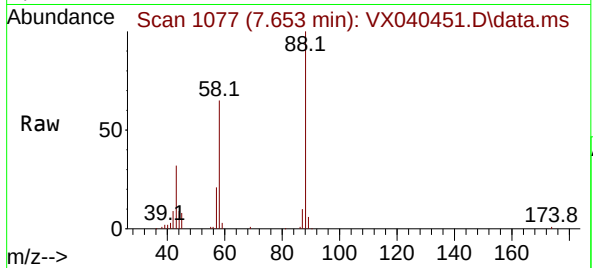
Tgt Ion: 41	Resp: 71139
Ion Ratio	Lower Upper
41 100	
69 78.1	59.2 88.8
39 65.1	47.7 71.5





#49
1,4-Dioxane
Concen: 1012.795 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

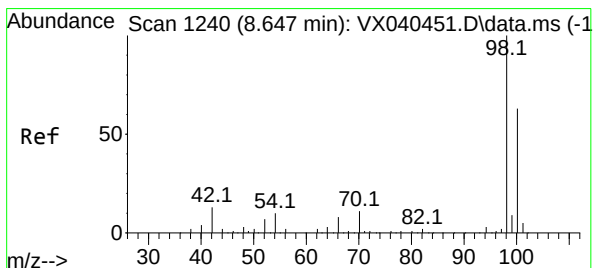
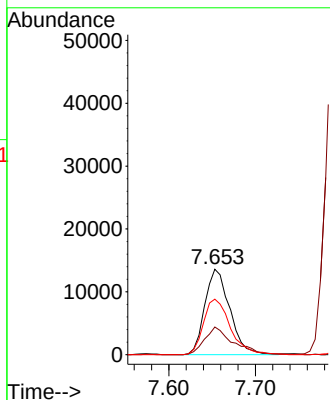
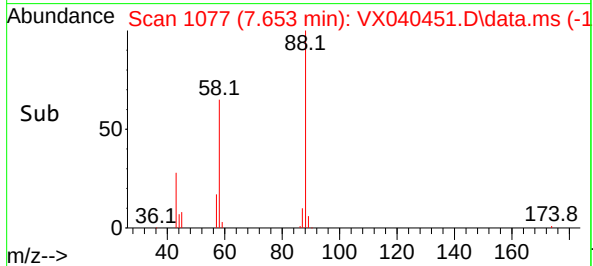
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 2724
Ion Ratio Lower Upper
88 100
43 36.9 0.0 0.0
58 69.9 60.1 90.1

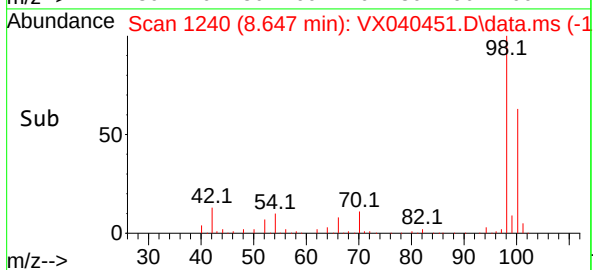
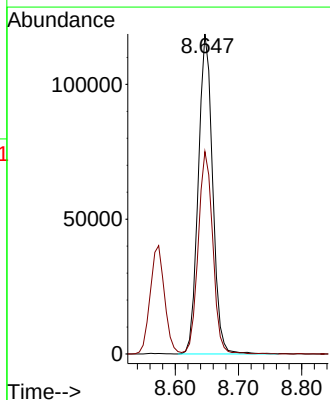
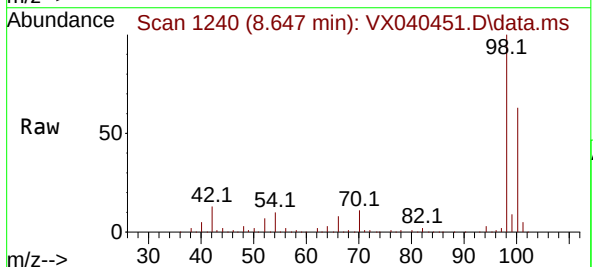
Manual Integrations
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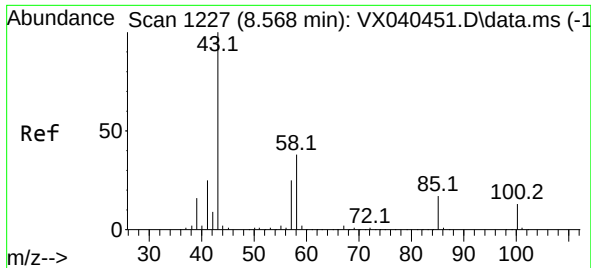
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#50
Toluene-d8
Concen: 48.101 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 98 Resp: 187746
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





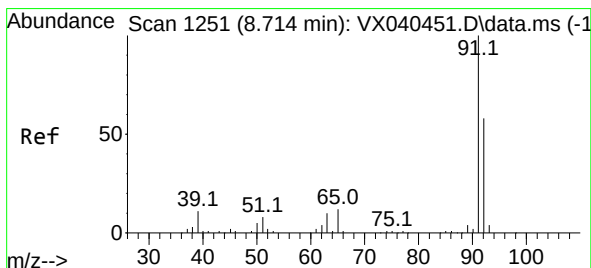
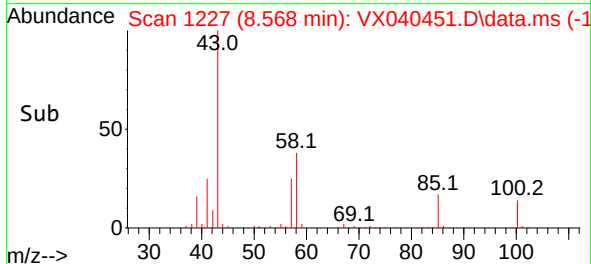
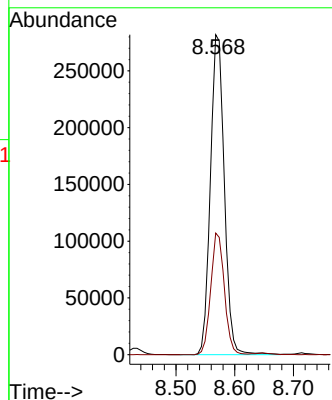
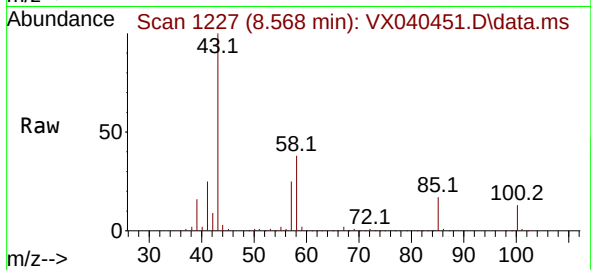
#51
4-Methyl-2-Pentanone
Concen: 246.883 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 464375
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

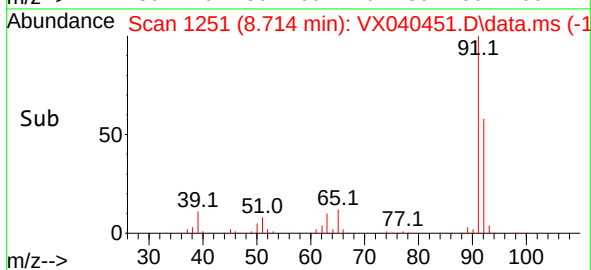
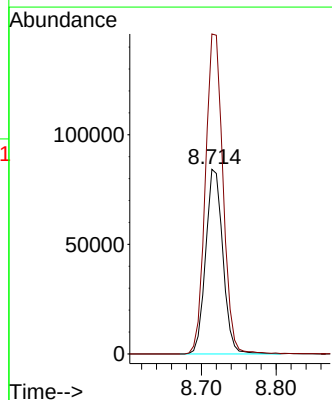
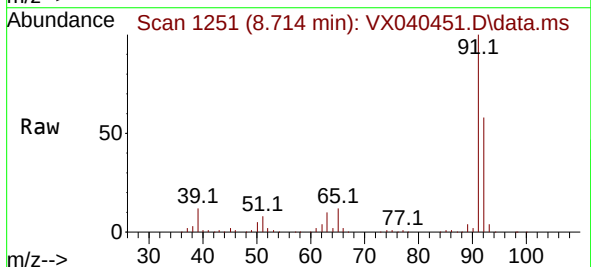
Manual Integrations
APPROVED

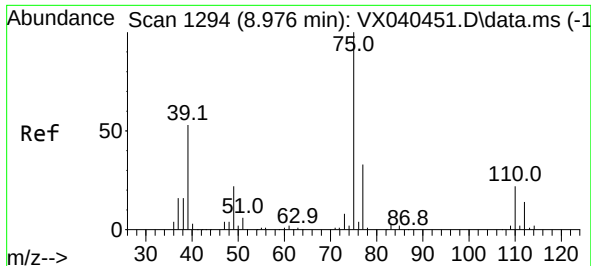
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#52
Toluene
Concen: 48.799 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 92 Resp: 134328
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.626 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 8927

Ion Ratio Lower Upper

75 100

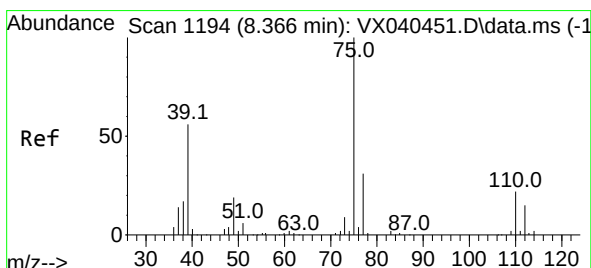
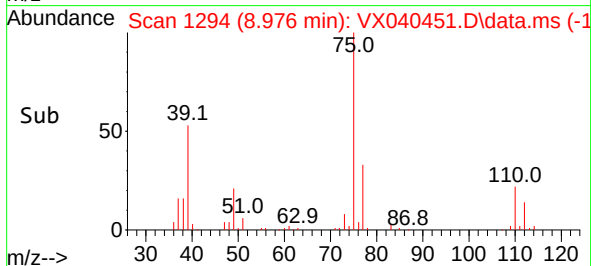
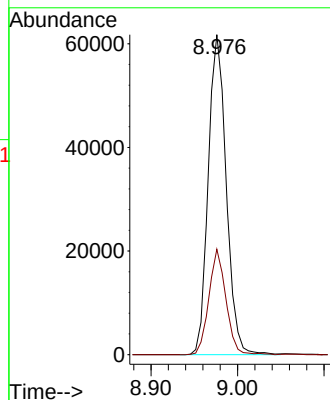
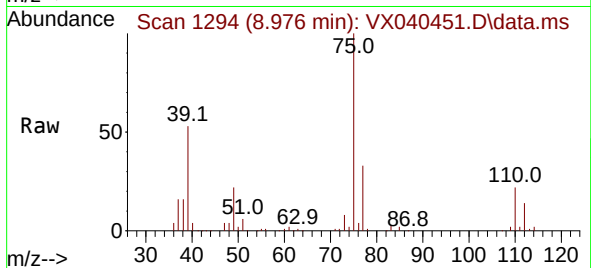
77 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#54

cis-1,3-Dichloropropene

Concen: 48.653 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

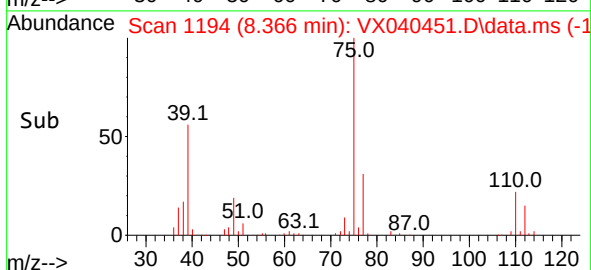
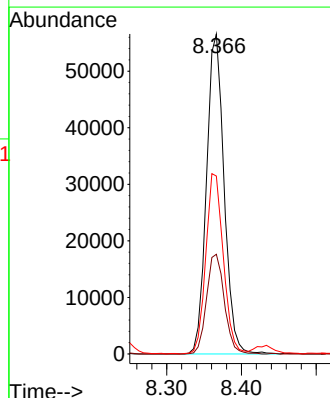
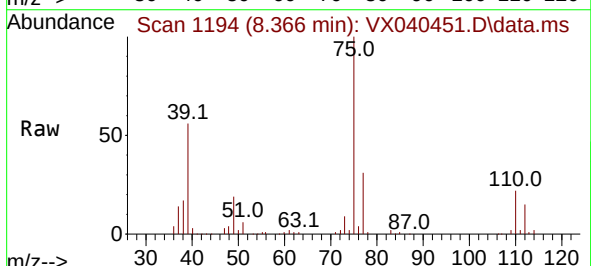
Tgt Ion: 75 Resp: 92223

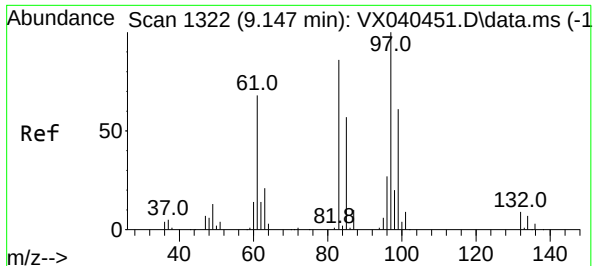
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 55.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 50.922 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

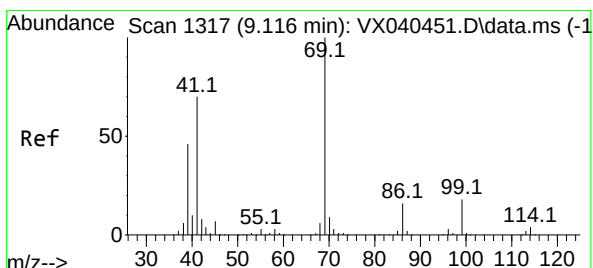
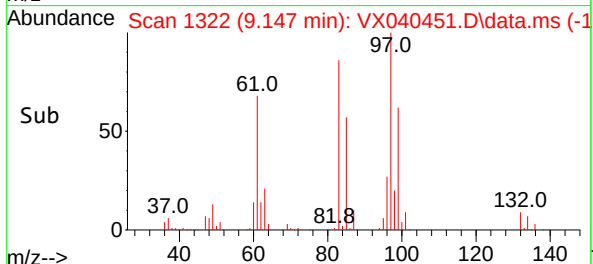
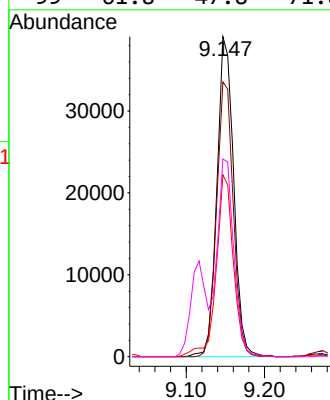
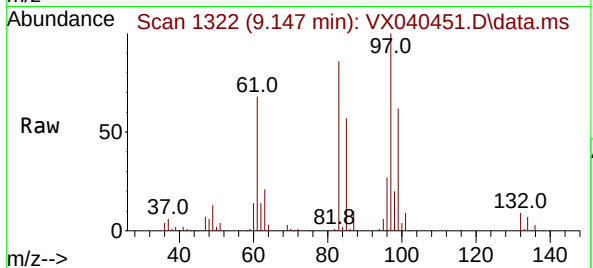
Tgt Ion:	97	Resp:	5817
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.8
85	56.8	41.6	62.4
99	61.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#56

Ethyl methacrylate

Concen: 51.485 ug/l

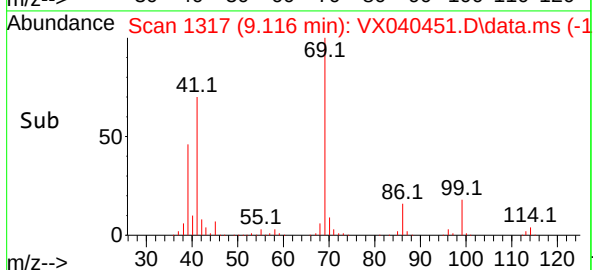
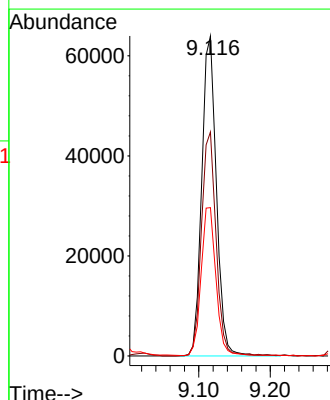
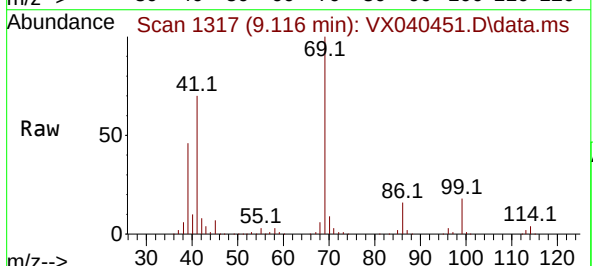
RT: 9.116 min Scan# 1317

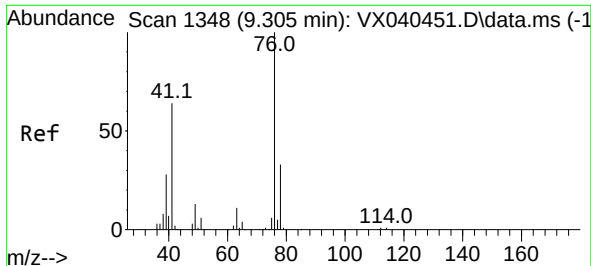
Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Tgt Ion:	69	Resp:	90935
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.8	85.2
39	46.8	32.0	48.0





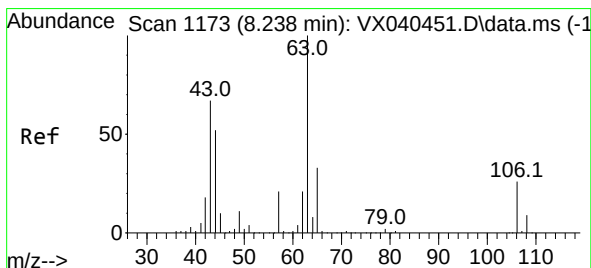
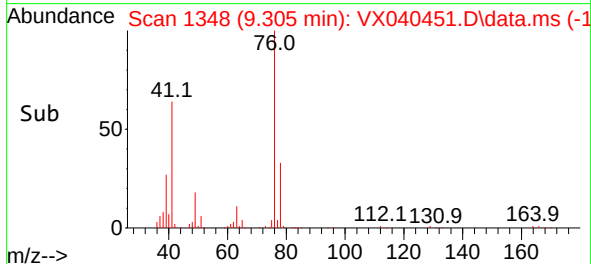
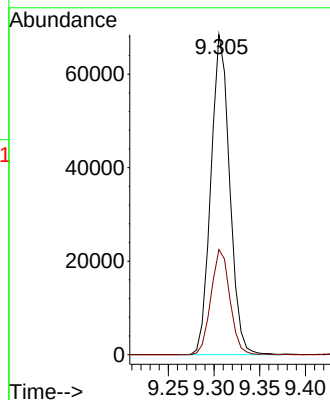
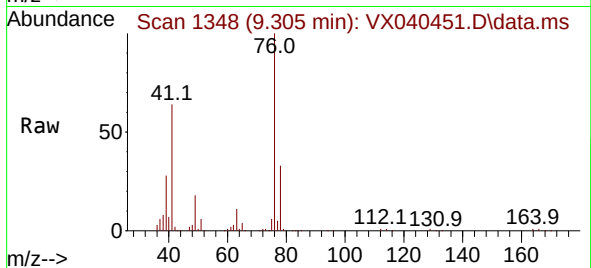
#57
1,3-Dichloropropane
Concen: 49.002 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 97499
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

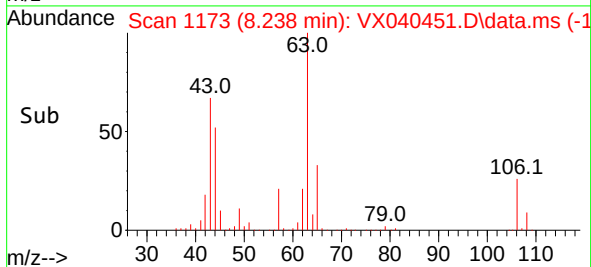
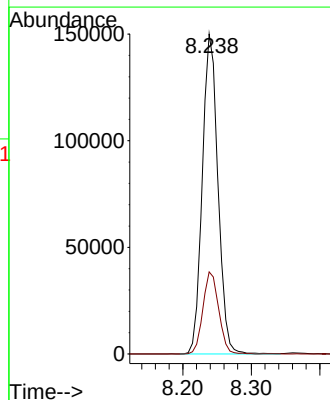
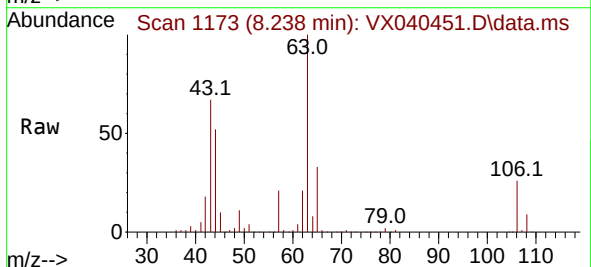
Manual Integrations
APPROVED

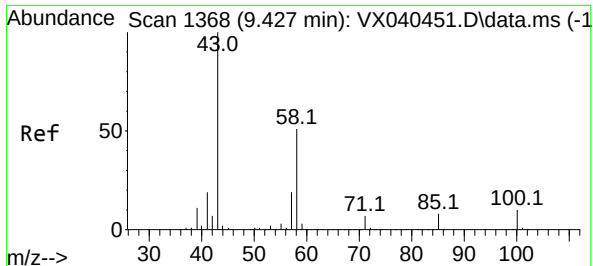
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 257.816 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

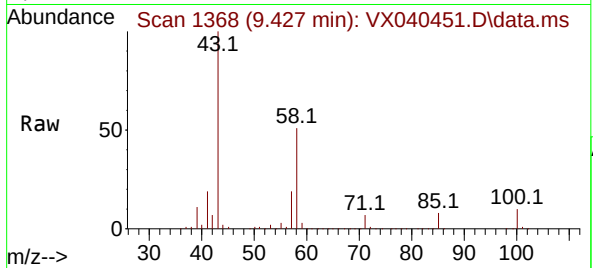
Tgt Ion: 63 Resp: 238760
Ion Ratio Lower Upper
63 100
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 252.346 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

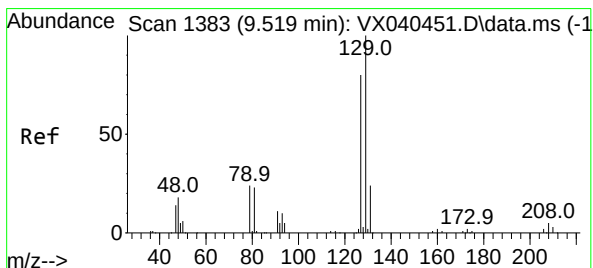
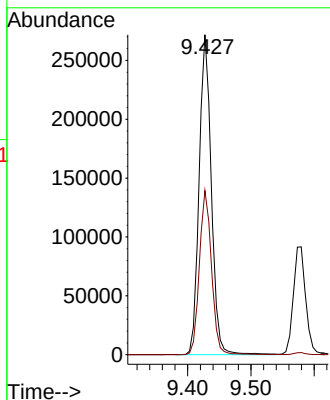
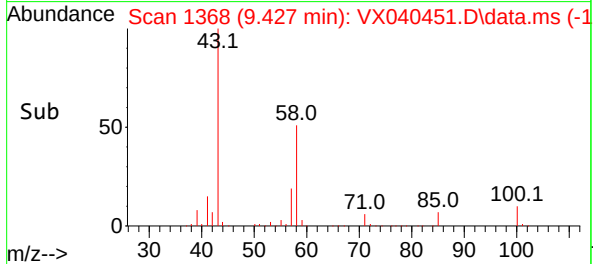
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 364932
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

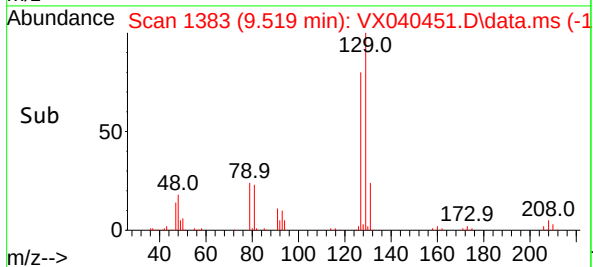
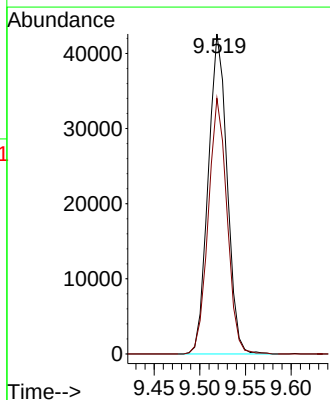
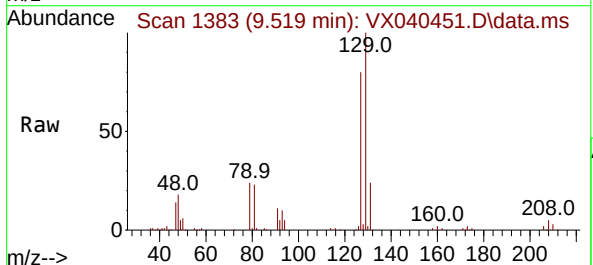
Manual Integrations
APPROVED

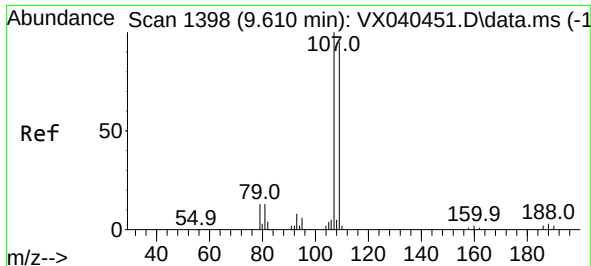
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#60
Dibromochloromethane
Concen: 49.253 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

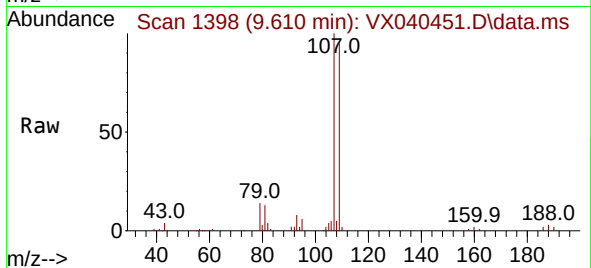
Tgt Ion:129 Resp: 61113
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.761 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

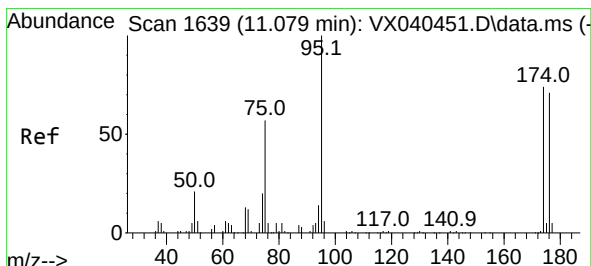
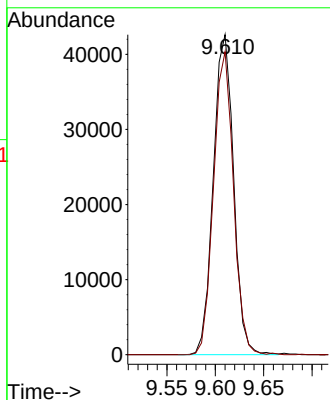
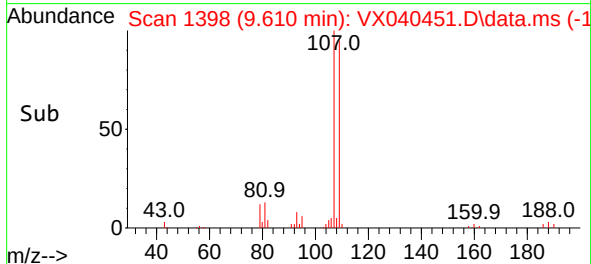
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 62030
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

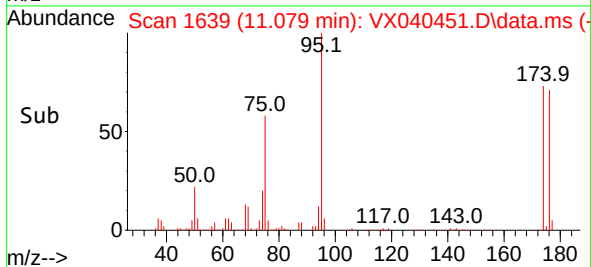
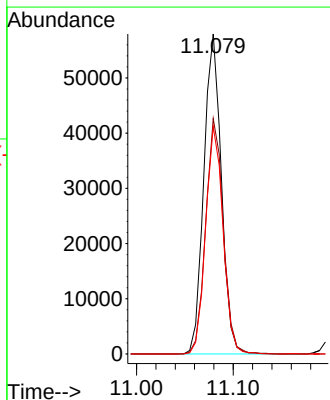
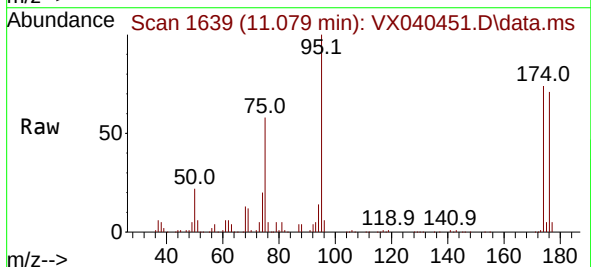
Manual Integrations
APPROVED

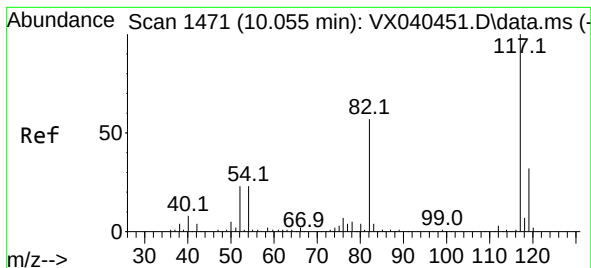
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

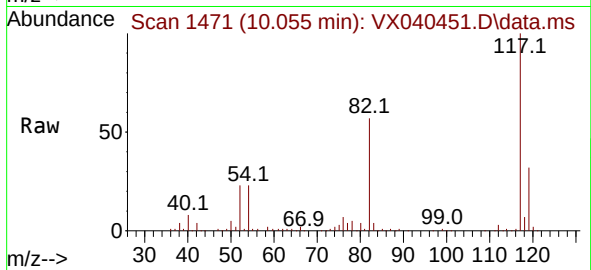
Tgt Ion: 95 Resp: 73057
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

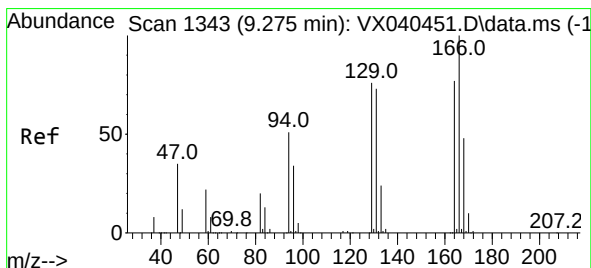
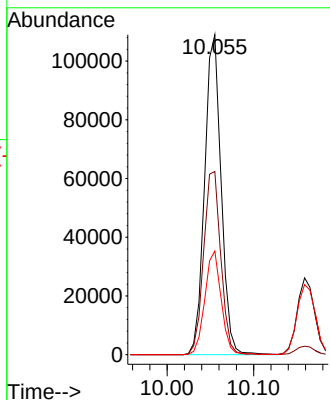
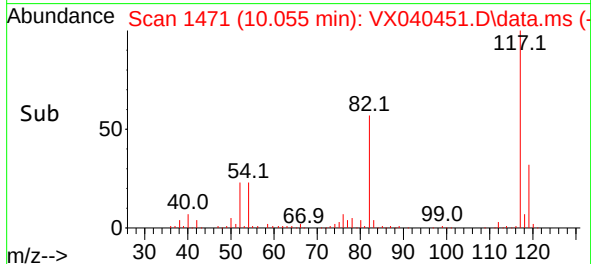
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 144460
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.4 25.5 38.3

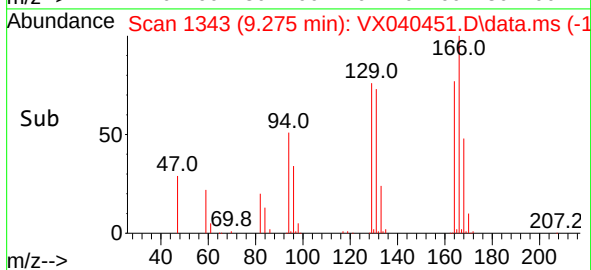
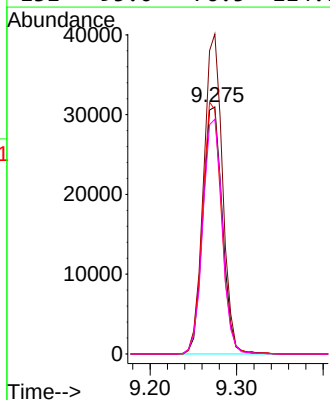
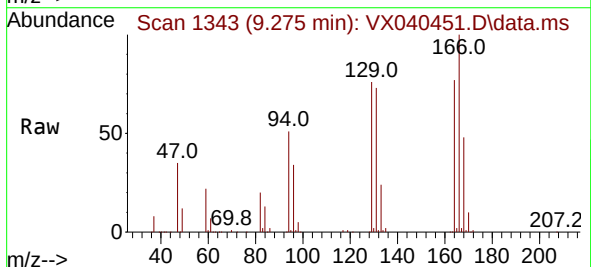
Manual Integrations
APPROVED

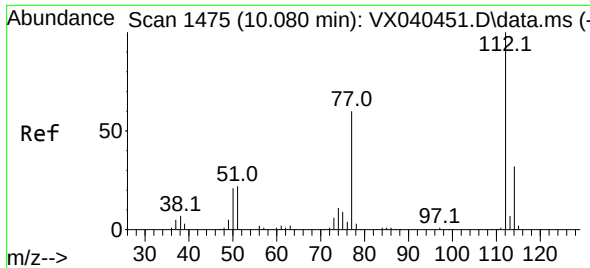
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#64
Tetrachloroethene
Concen: 47.591 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion:164 Resp: 48266
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 98.8 80.4 120.6
131 95.0 76.5 114.7





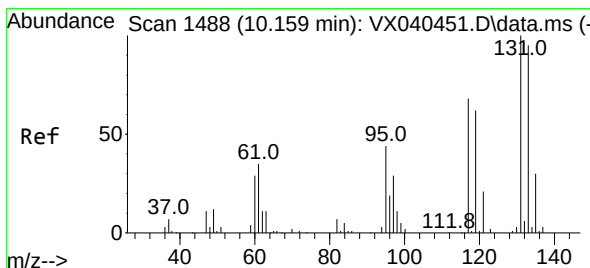
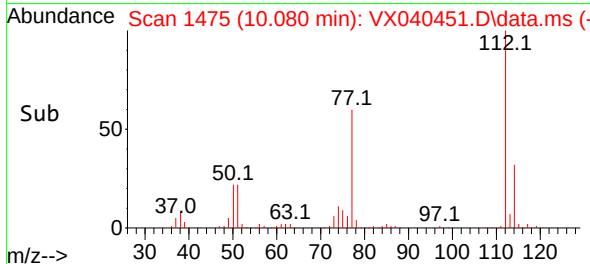
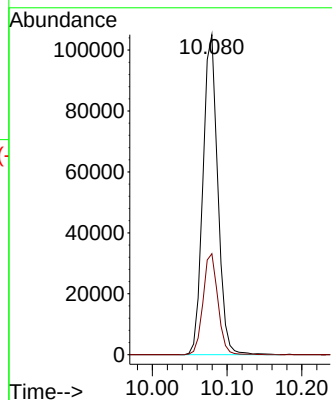
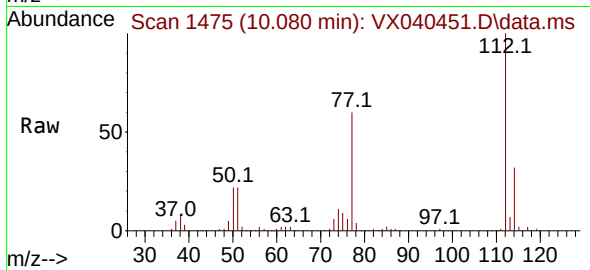
#65
Chlorobenzene
Concen: 47.112 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 14476
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

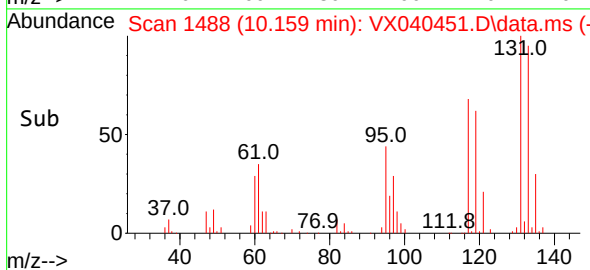
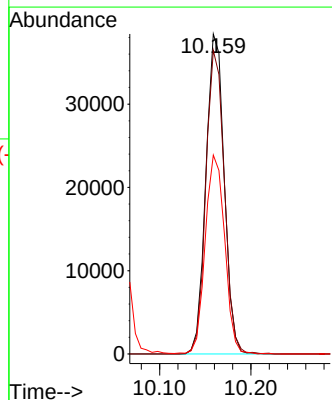
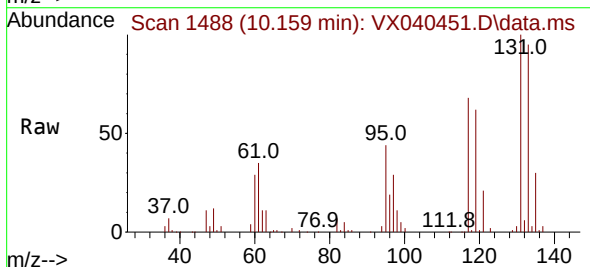
Manual Integrations
APPROVED

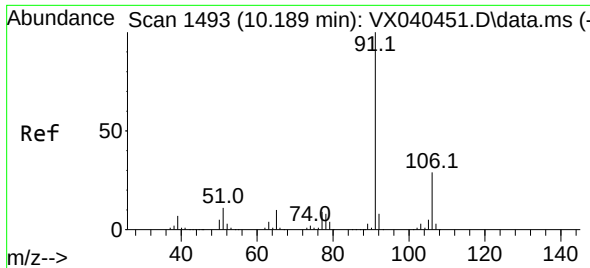
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.163 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

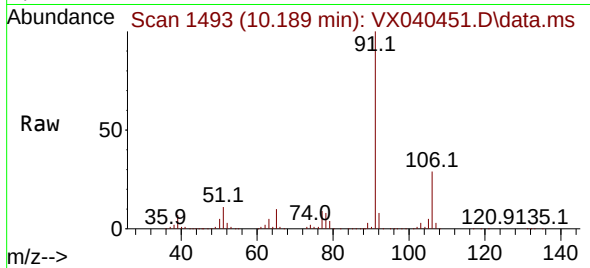
Tgt Ion:131 Resp: 53237
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 48.921 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

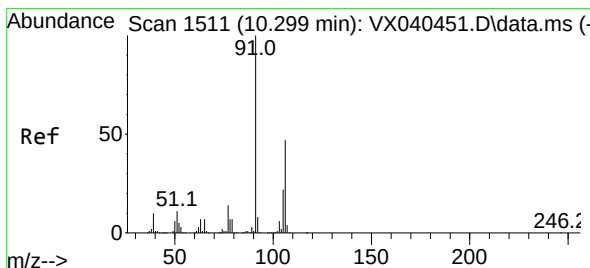
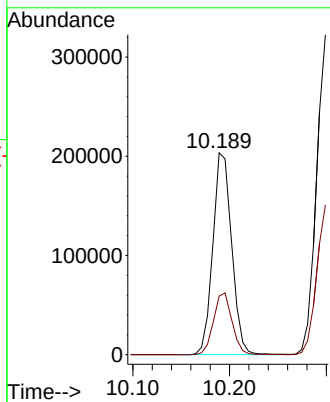
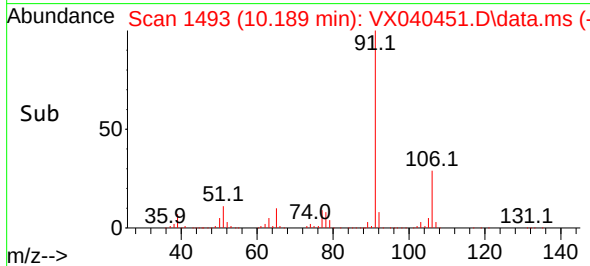
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



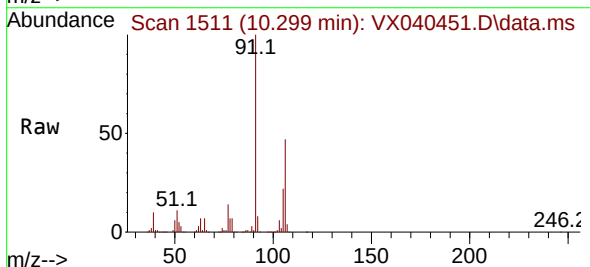
Tgt Ion: 91 Resp: 275164
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

Manual Integrations
APPROVED

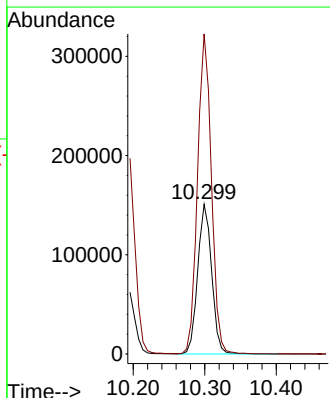
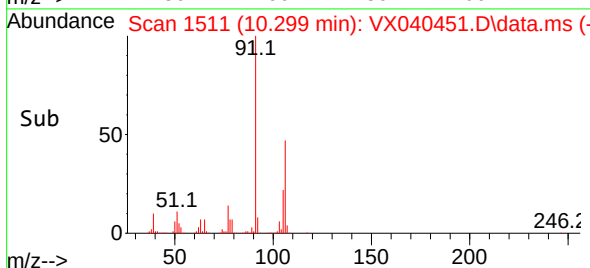
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

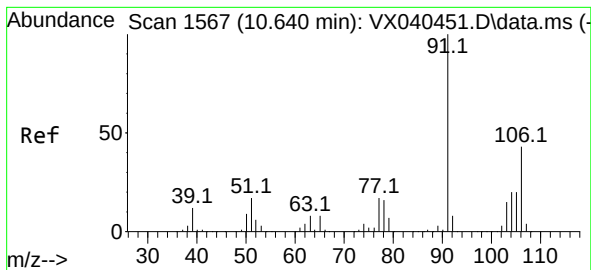


#68
m/p-Xylenes
Concen: 97.189 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



Tgt Ion:106 Resp: 204133
Ion Ratio Lower Upper
106 100
91 212.7 165.5 248.3





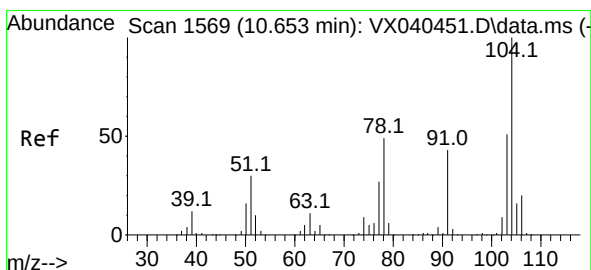
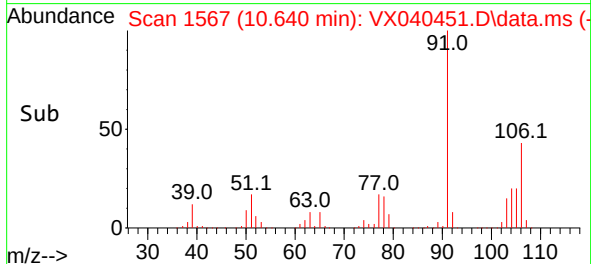
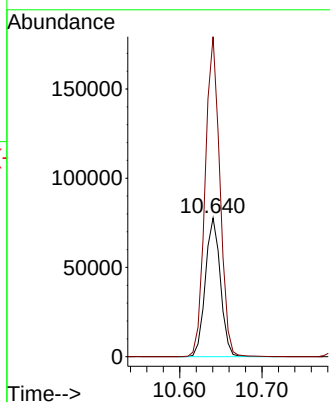
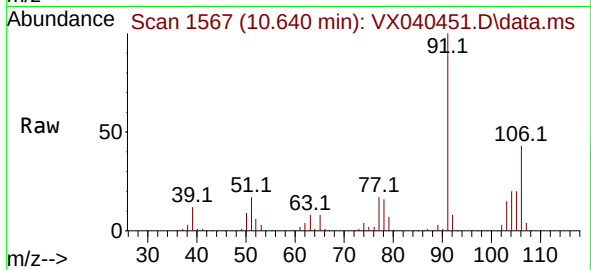
#69
o-Xylene
Concen: 49.146 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 9872
Ion Ratio Lower Upper
106 100
91 226.4 108.9 326.8

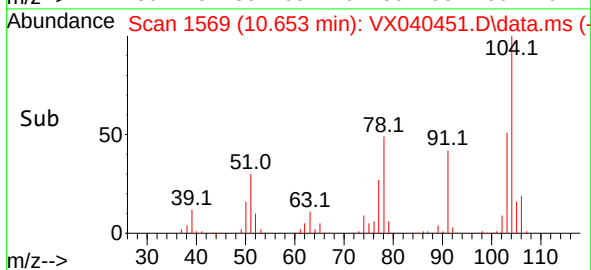
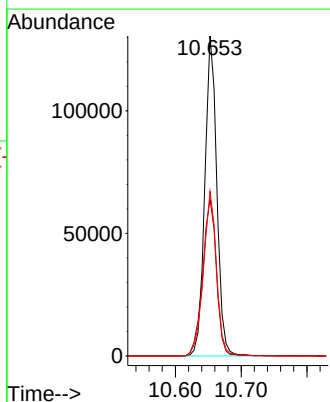
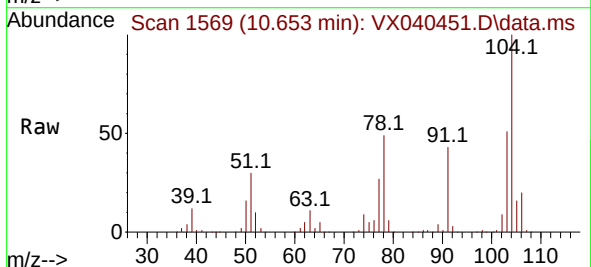
Manual Integrations
APPROVED

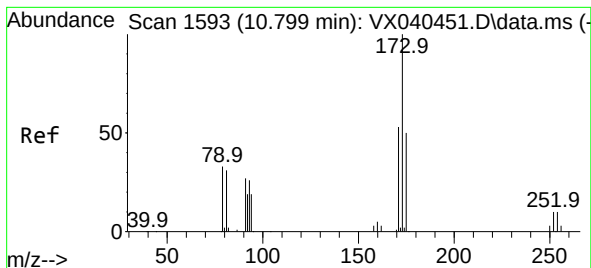
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#70
Styrene
Concen: 49.620 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion:104 Resp: 166169
Ion Ratio Lower Upper
104 100
78 56.0 43.6 65.4
103 56.2 43.6 65.4





#71

Bromoform

Concen: 49.987 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

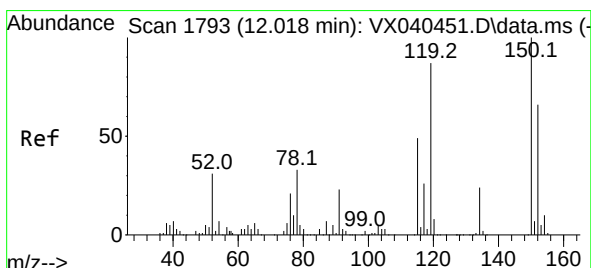
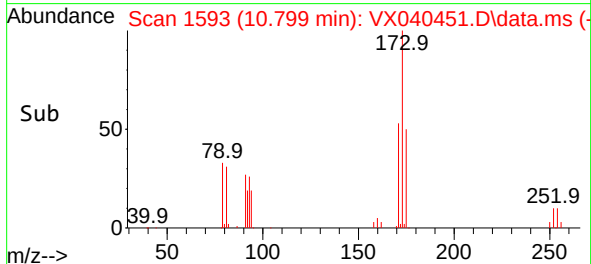
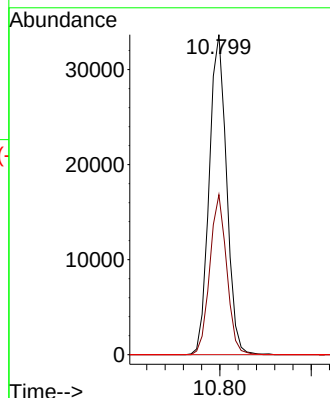
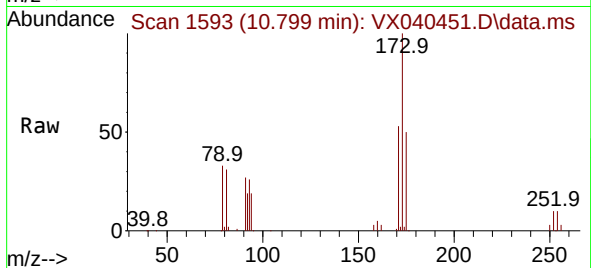
Tgt Ion:173 Resp: 44309
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.1 72.4
 254 0.0 0.0 0.0

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

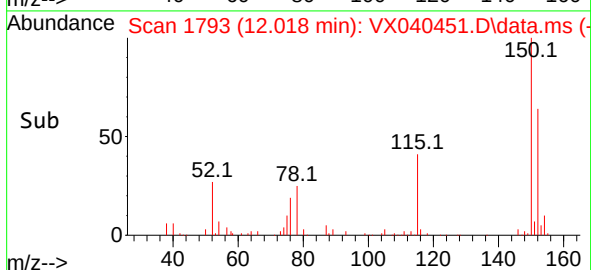
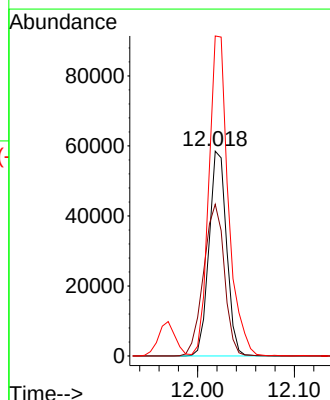
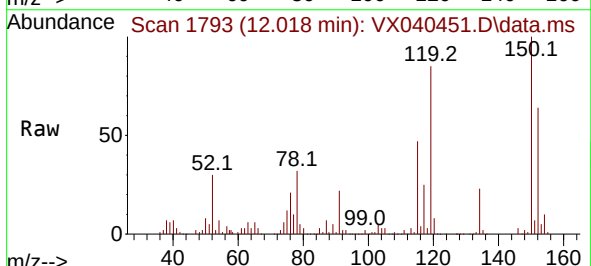
RT: 12.018 min Scan# 1793

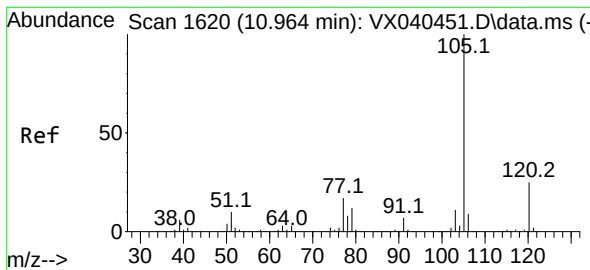
Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Tgt Ion:152 Resp: 73831
 Ion Ratio Lower Upper
 152 100
 115 88.0 43.3 129.9
 150 173.4 0.0 345.0





#73

Isopropylbenzene

Concen: 48.963 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 26622

Ion Ratio Lower Upper

105 100

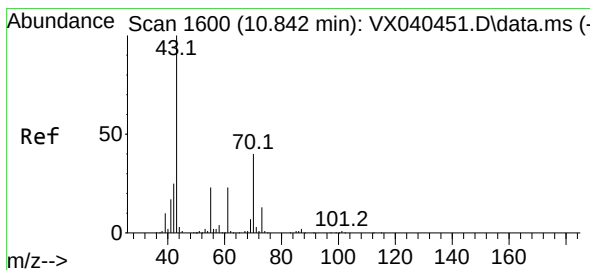
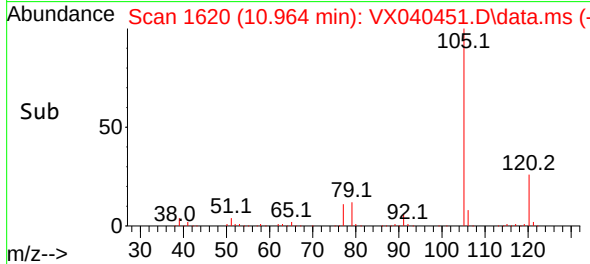
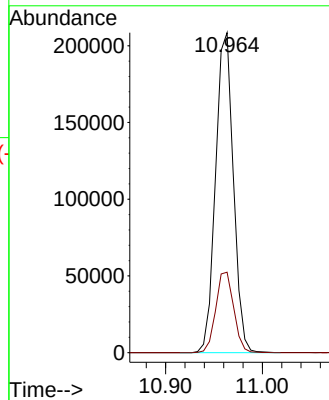
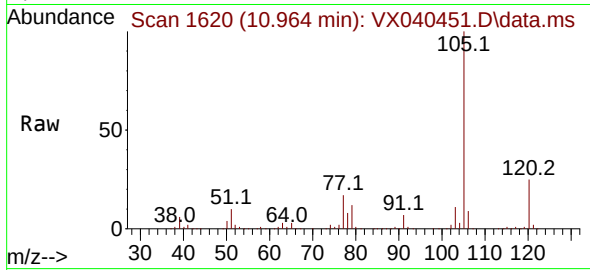
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#74

N-ethyl acetate

Concen: 50.703 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Tgt Ion: 43 Resp: 128042

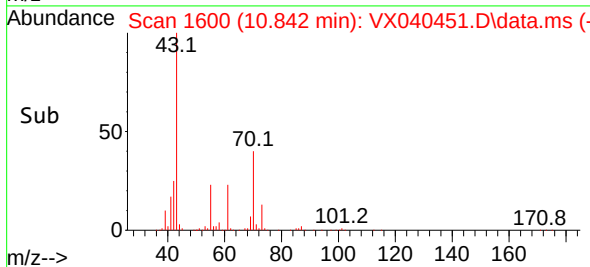
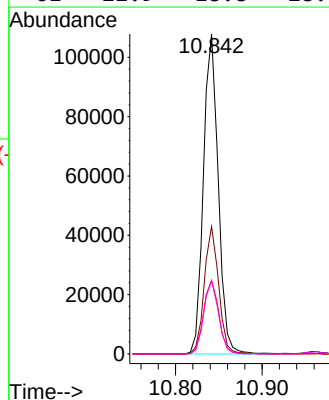
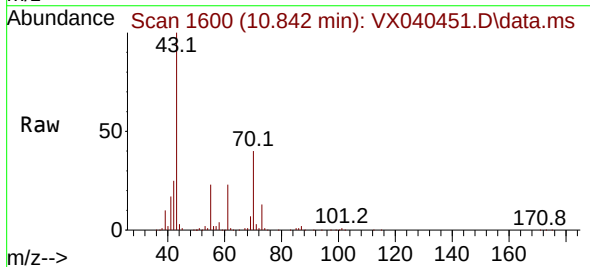
Ion Ratio Lower Upper

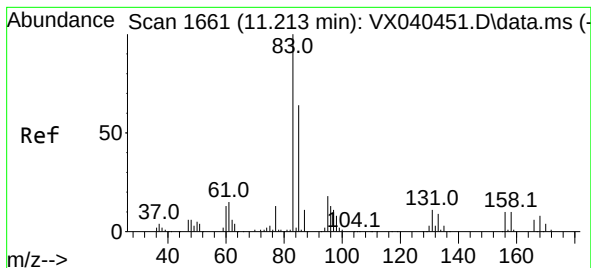
43 100

70 38.7 32.9 49.3

55 23.8 19.3 28.9

61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.051 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 9448

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

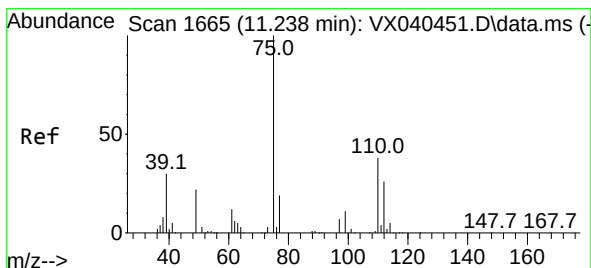
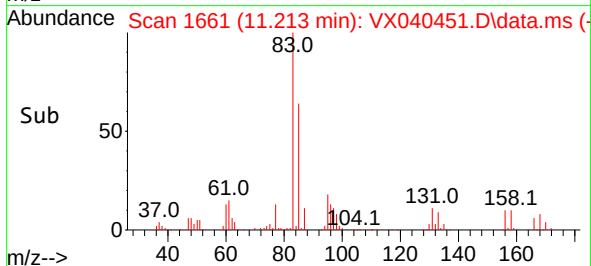
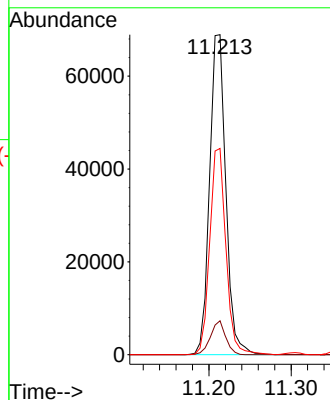
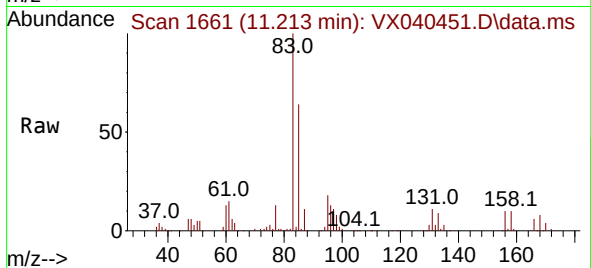
85 64.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#76

1,2,3-Trichloropropane

Concen: 50.027 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040451.D

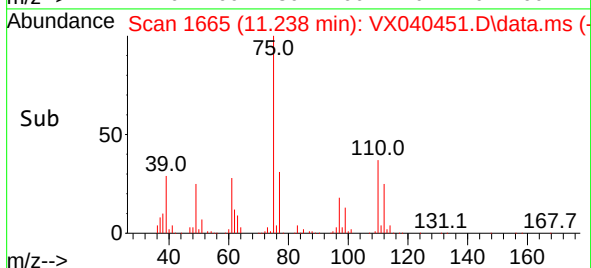
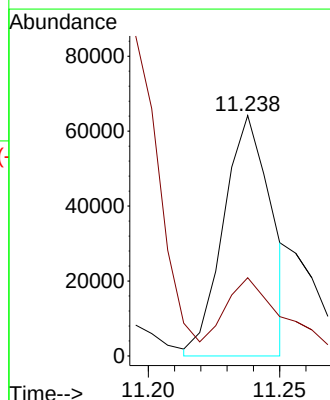
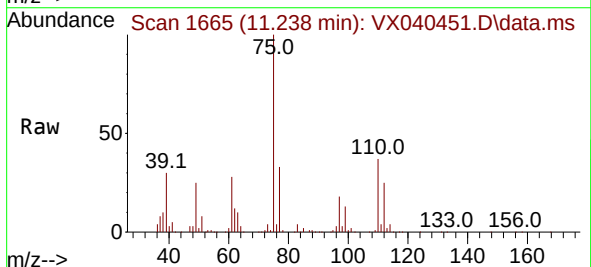
Acq: 26 Feb 2024 10:53

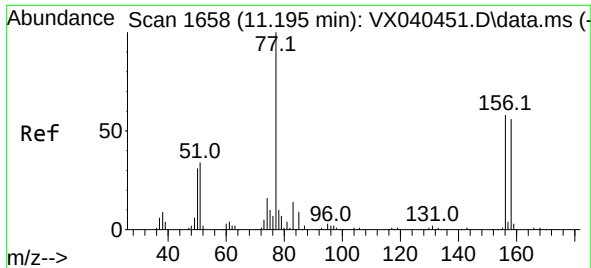
Tgt Ion: 75 Resp: 81288

Ion Ratio Lower Upper

75 100

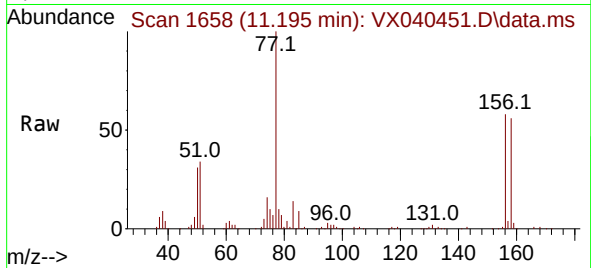
77 41.2 19.1 57.5





#77
Bromobenzene
Concen: 49.336 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

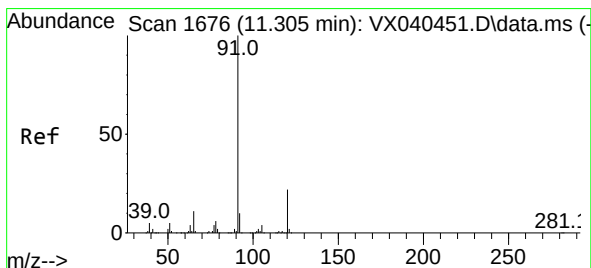
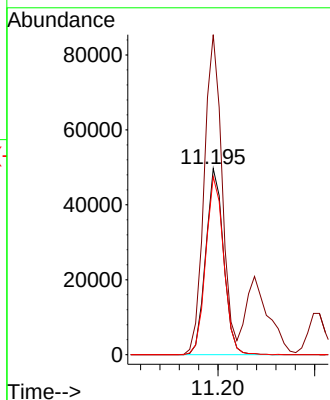
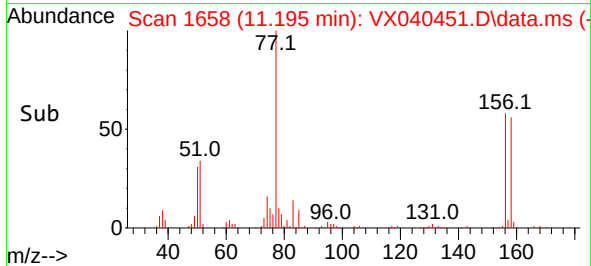
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



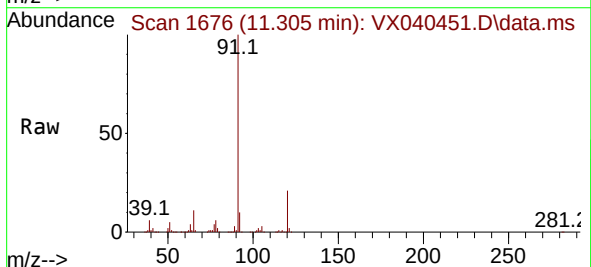
Tgt Ion:156 Resp: 63429
Ion Ratio Lower Upper
156 100
77 173.5 88.4 265.3
158 96.7 48.0 144.0

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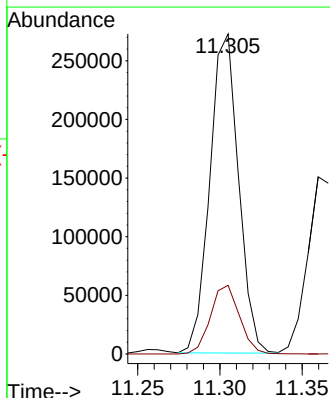
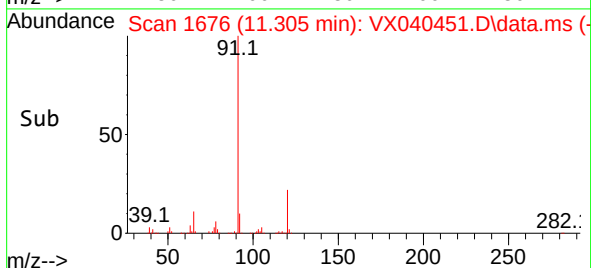
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

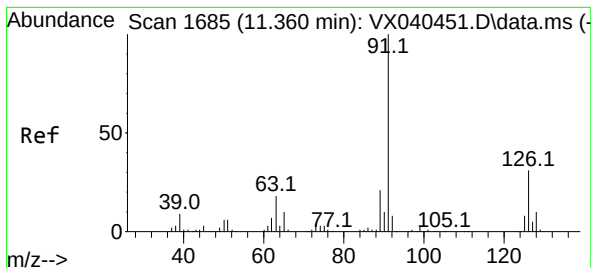


#78
n-propylbenzene
Concen: 49.056 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



Tgt Ion: 91 Resp: 330854
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





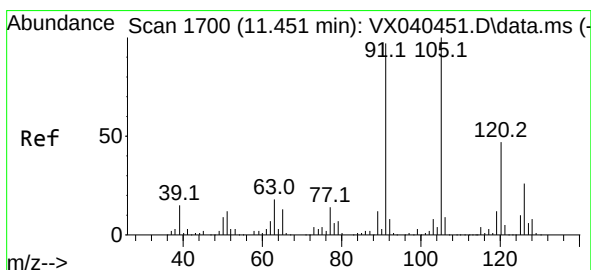
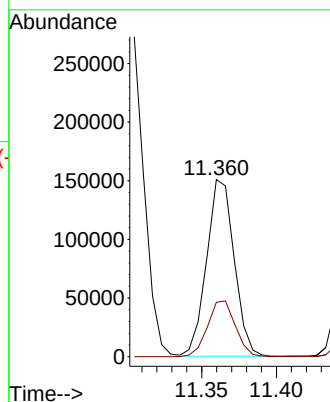
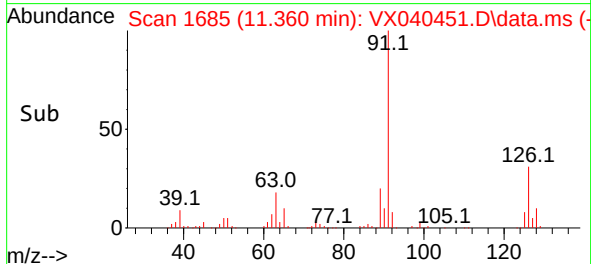
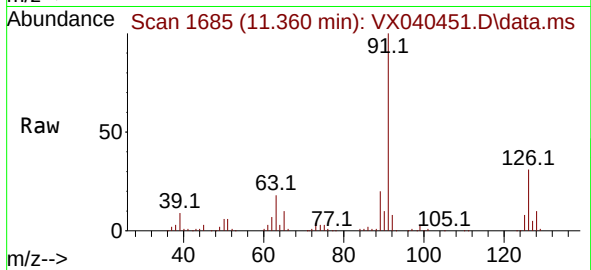
#79
2-Chlorotoluene
Concen: 47.634 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 193390
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

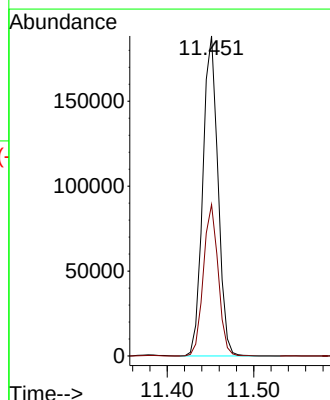
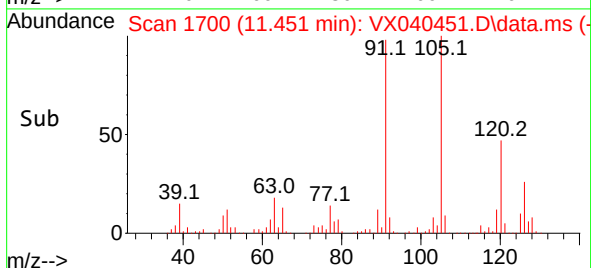
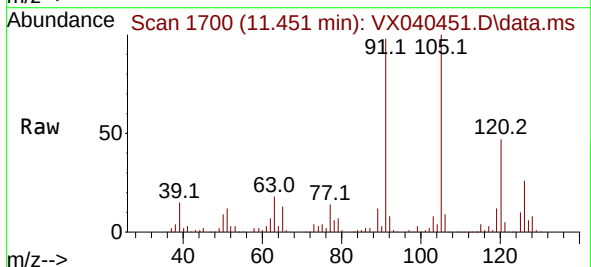
Manual Integrations
APPROVED

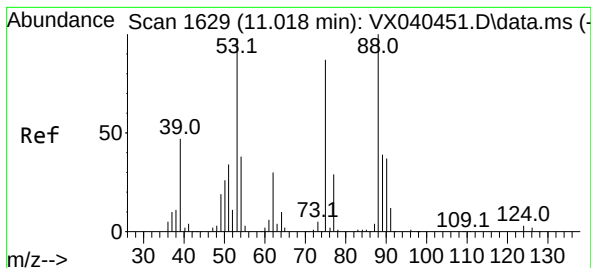
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.483 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion:105 Resp: 228821
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





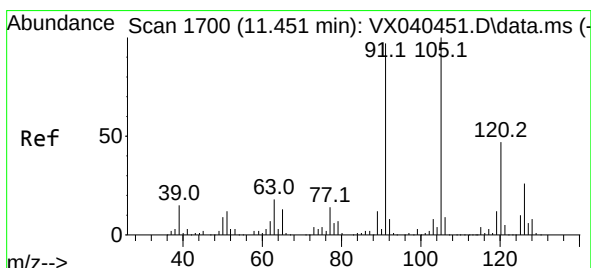
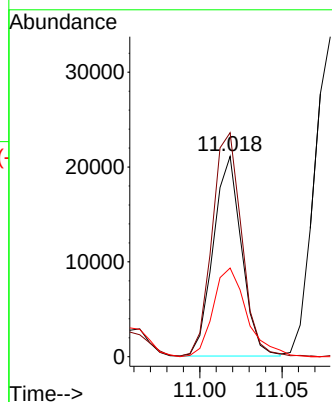
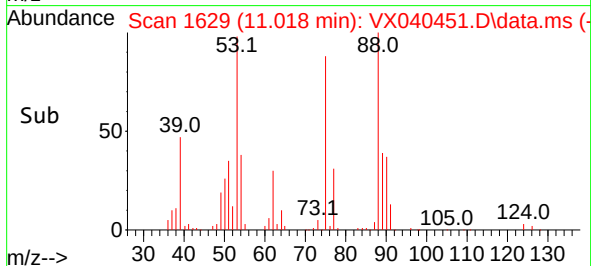
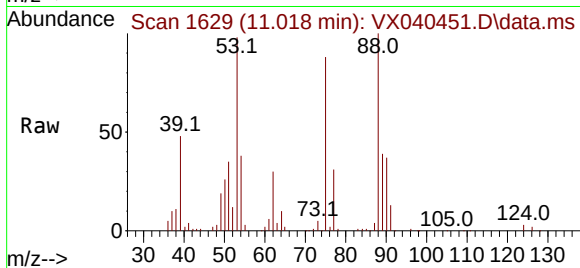
#81
trans-1,4-Dichloro-2-butene
Concen: 47.119 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 25239
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 52.9 36.9 55.3

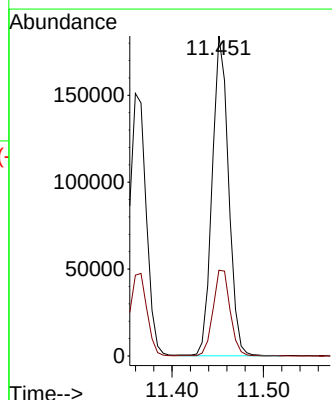
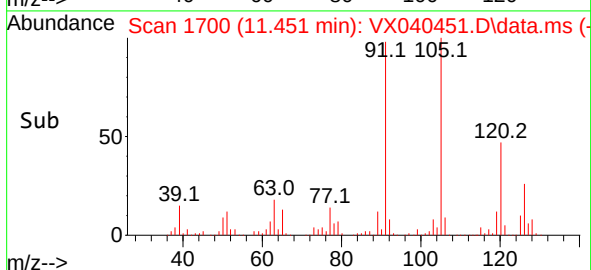
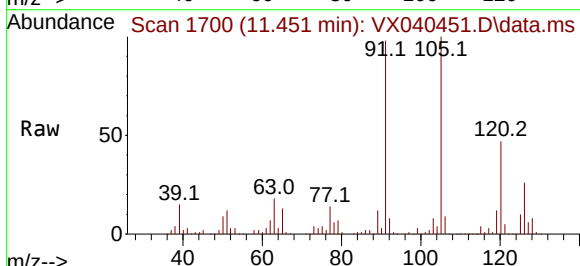
Manual Integrations
APPROVED

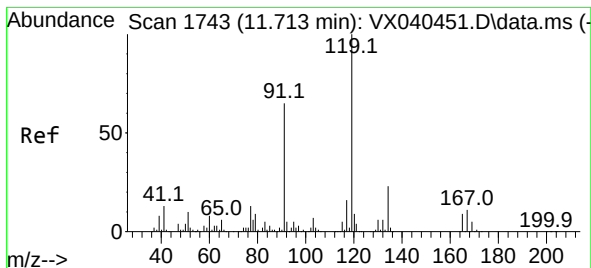
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#82
4-Chlorotoluene
Concen: 48.699 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

Tgt Ion: 91 Resp: 228643
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.632 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 216370

Ion Ratio Lower Upper

119 100

91 63.6 31.2 93.6

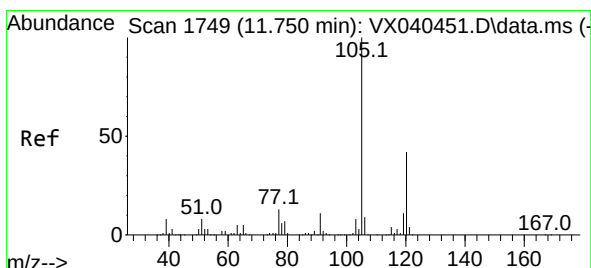
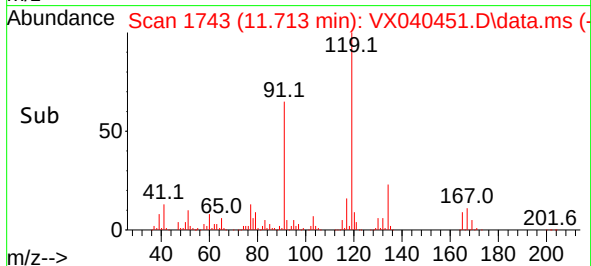
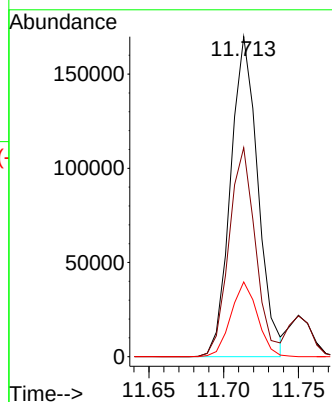
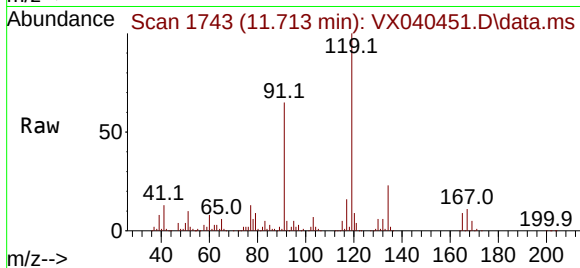
134 22.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.062 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040451.D

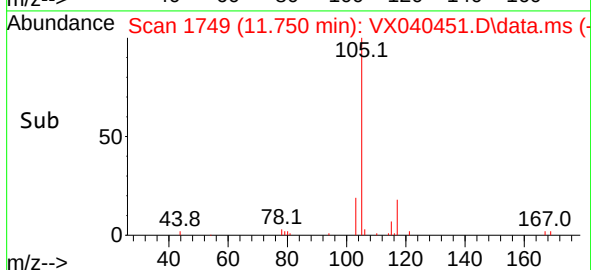
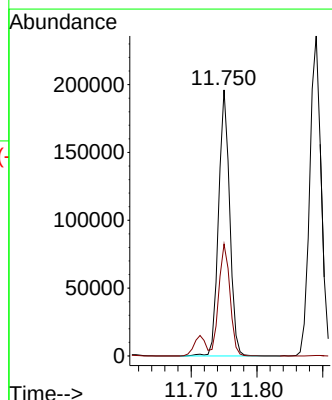
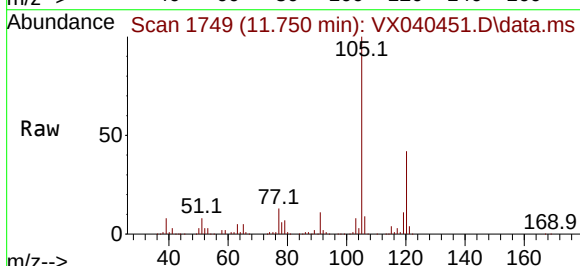
Acq: 26 Feb 2024 10:53

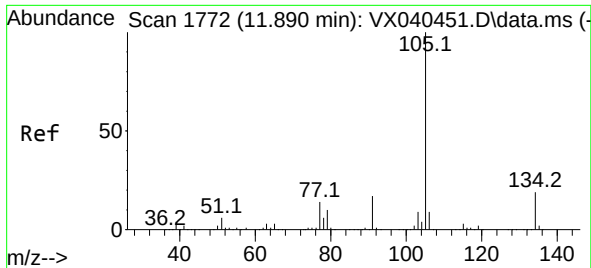
Tgt Ion:105 Resp: 229688

Ion Ratio Lower Upper

105 100

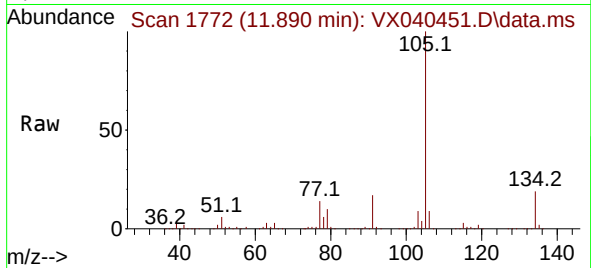
120 42.8 21.2 63.6





#85
sec-Butylbenzene
Concen: 49.561 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

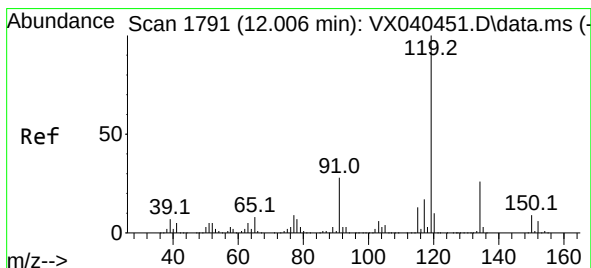
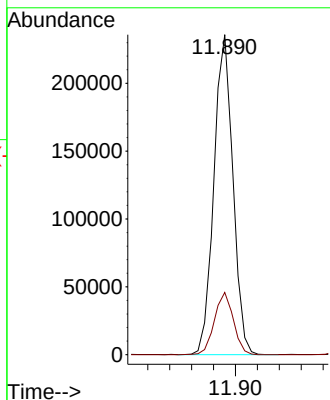
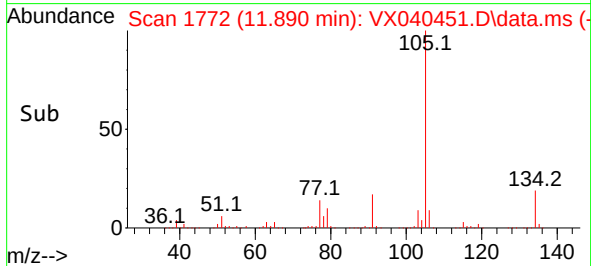
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



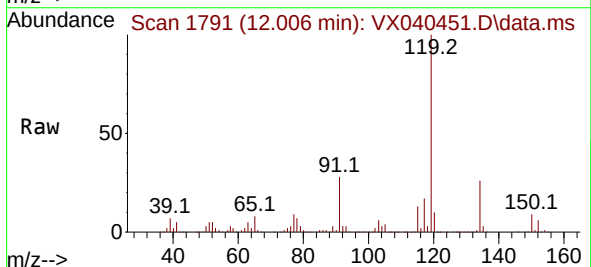
Tgt Ion:105 Resp: 283852
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4

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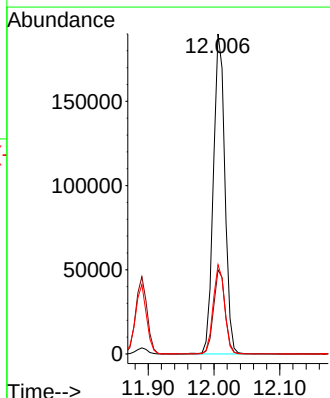
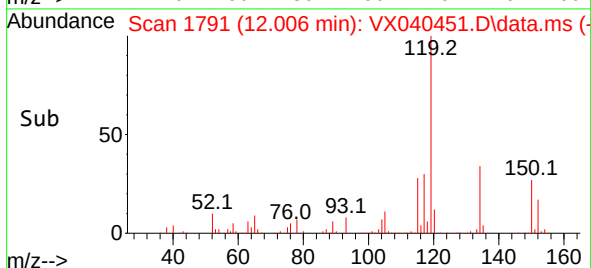
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

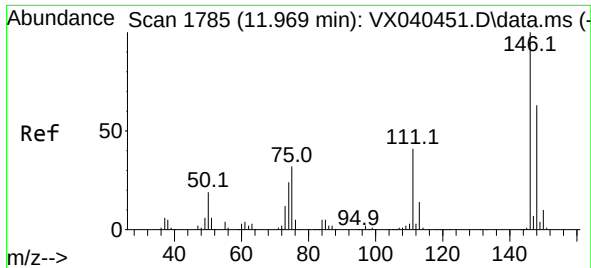


#86
p-Isopropyltoluene
Concen: 48.938 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



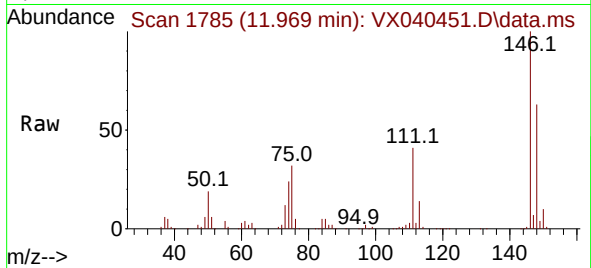
Tgt Ion:119 Resp: 231032
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.3
91 27.6 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 47.778 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

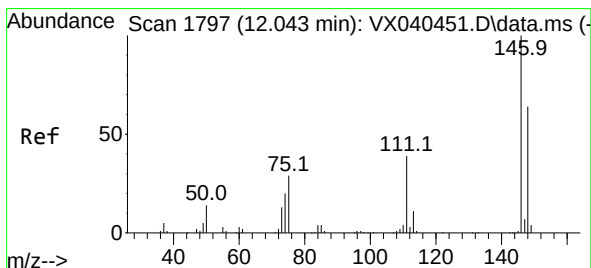
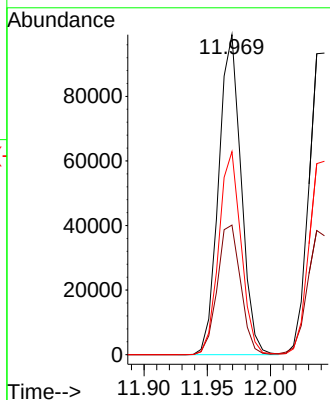
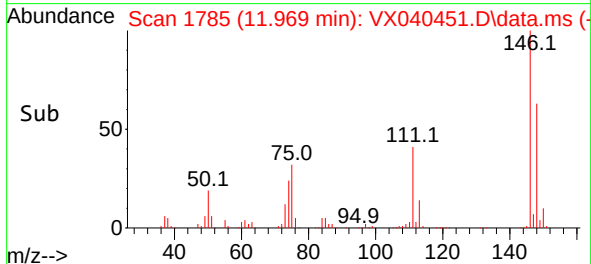
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



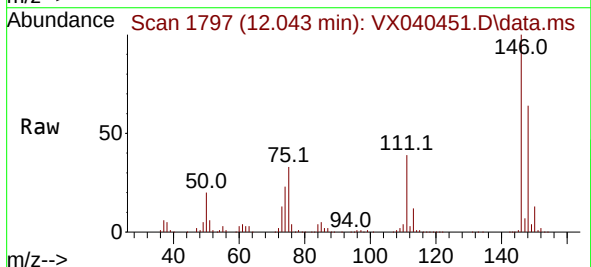
Tgt Ion:146 Resp: 12244
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.1
148 62.9 31.8 95.3

Manual Integrations
APPROVED

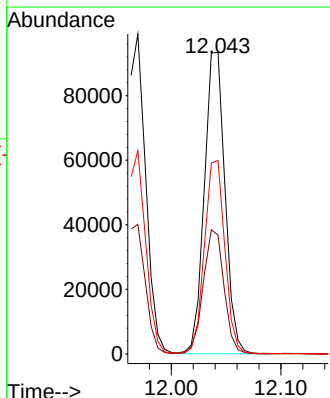
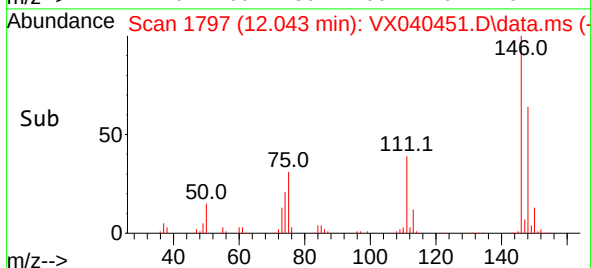
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

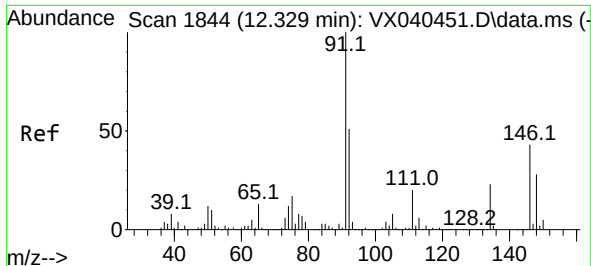


#88
1,4-Dichlorobenzene
Concen: 46.825 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



Tgt Ion:146 Resp: 122155
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.7
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 49.242 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040451.D

Acq: 26 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 228709

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

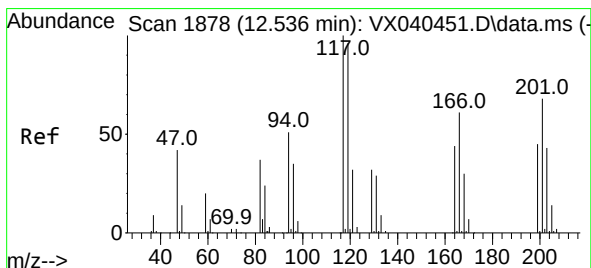
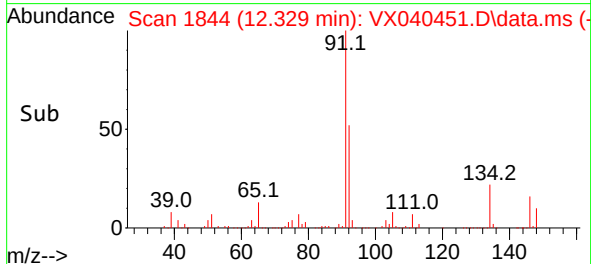
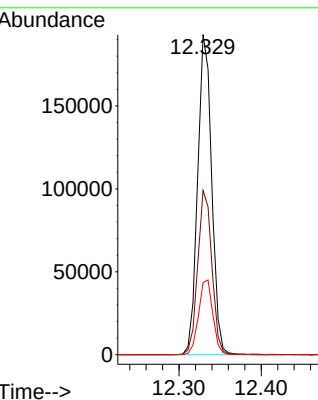
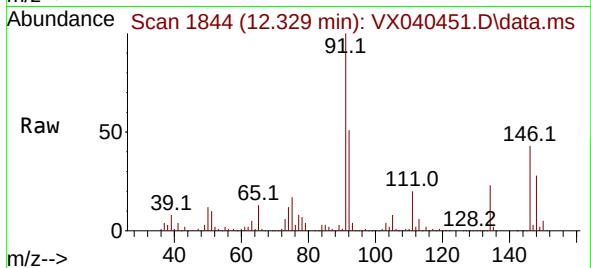
134 23.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#90

Hexachloroethane

Concen: 49.807 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040451.D

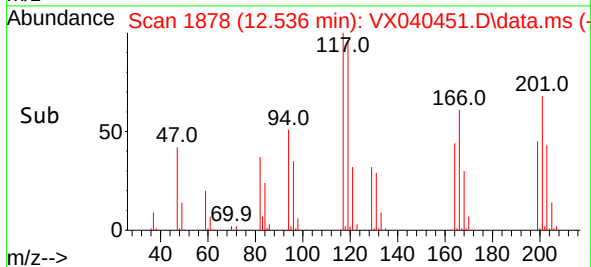
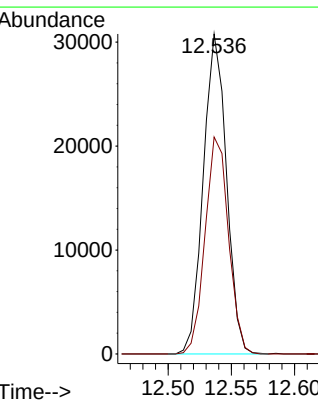
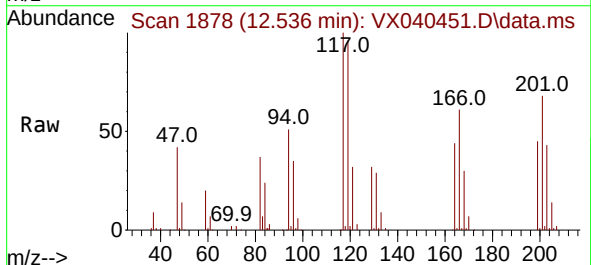
Acq: 26 Feb 2024 10:53

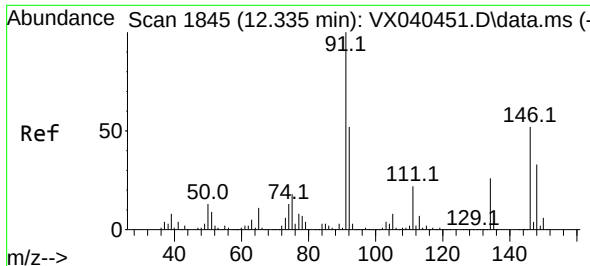
Tgt Ion:117 Resp: 39134

Ion Ratio Lower Upper

117 100

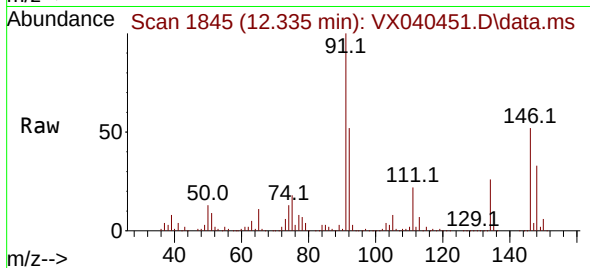
201 68.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.416 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

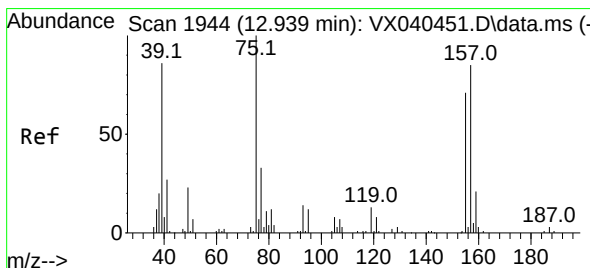
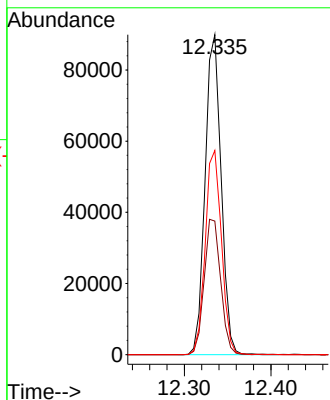
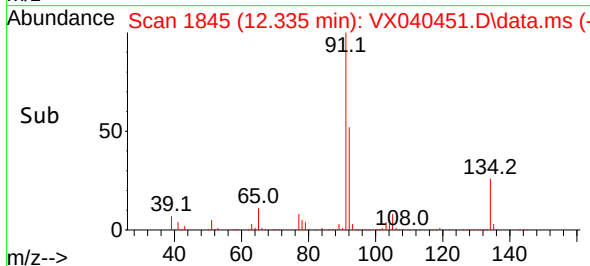
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



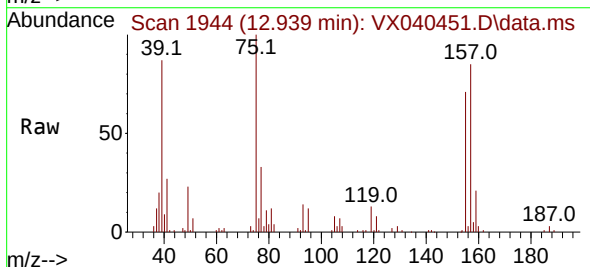
Tgt Ion:146 Resp: 115794
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 64.5 31.6 95.0

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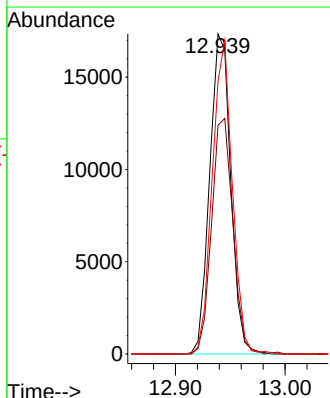
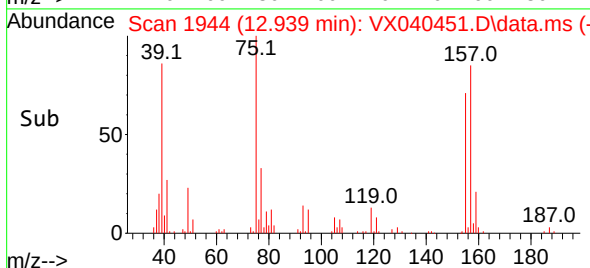
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

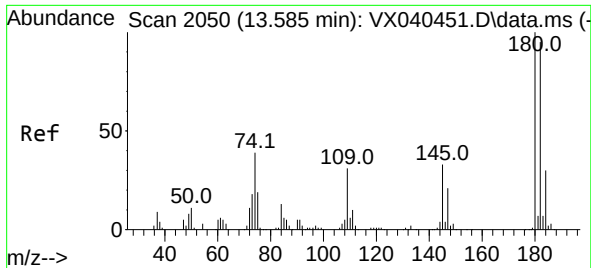


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.442 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



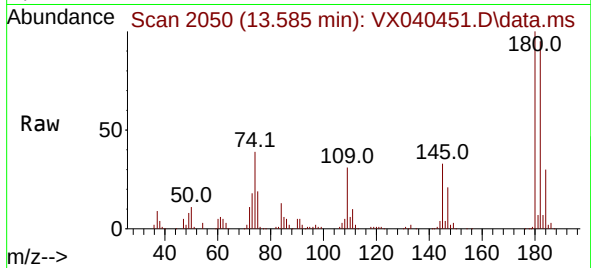
Tgt Ion: 75 Resp: 23124
Ion Ratio Lower Upper
75 100
155 74.3 36.1 108.5
157 93.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.118 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

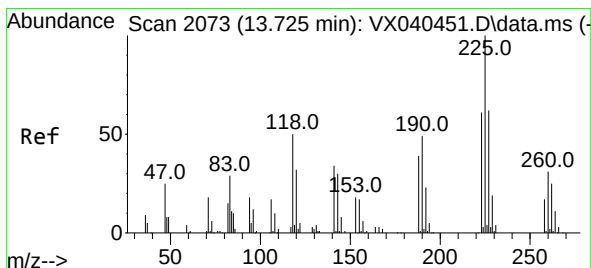
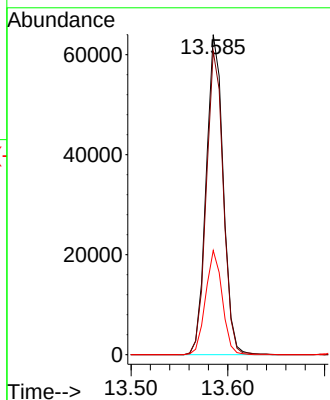
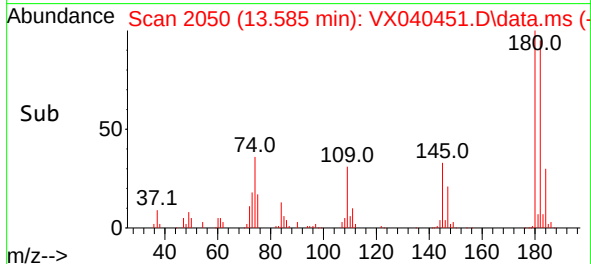
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



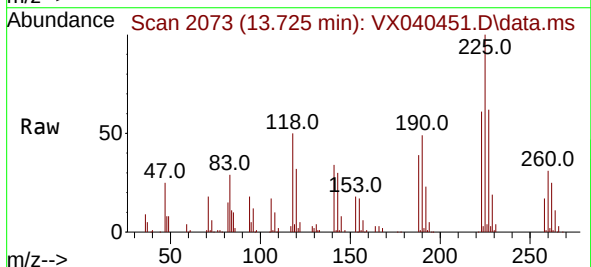
Tgt Ion:180 Resp: 7828
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.8
145 31.8 18.0 54.0

Manual Integrations
APPROVED

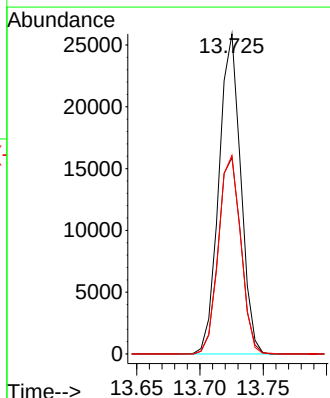
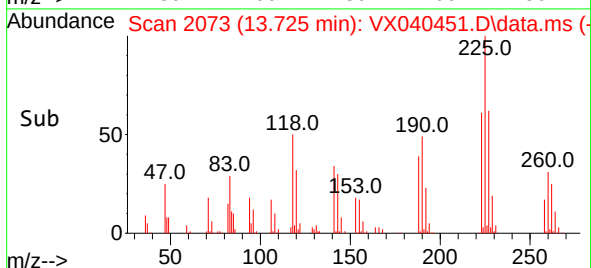
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

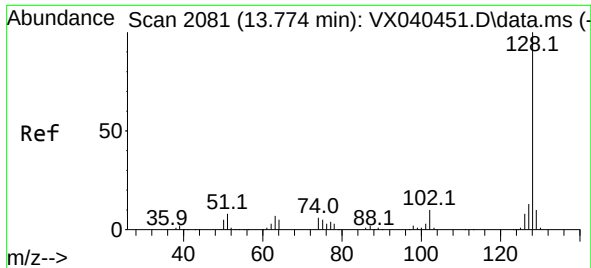


#94
Hexachlorobutadiene
Concen: 47.549 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



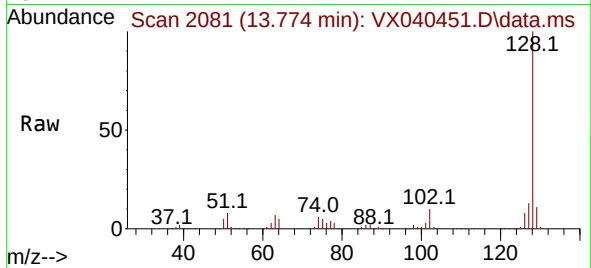
Tgt Ion:225 Resp: 30972
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 63.2 32.5 97.5





#95
Naphthalene
Concen: 50.752 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53

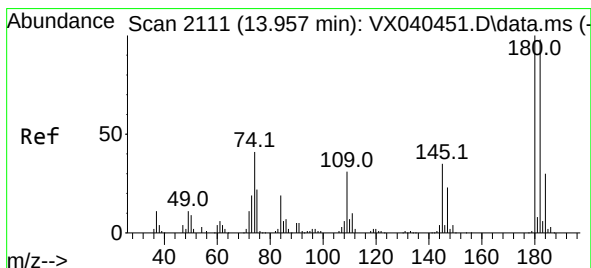
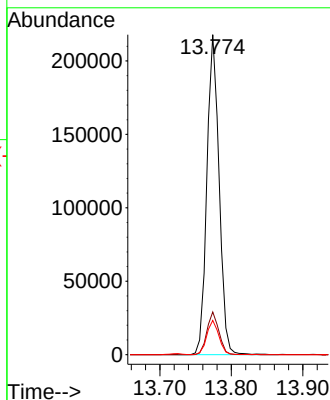
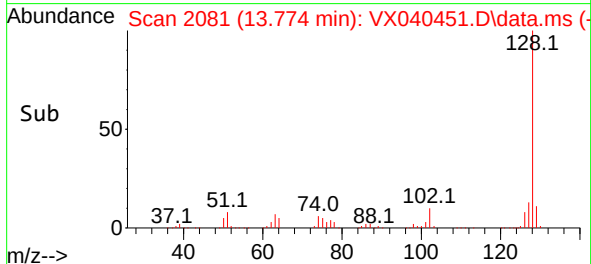
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



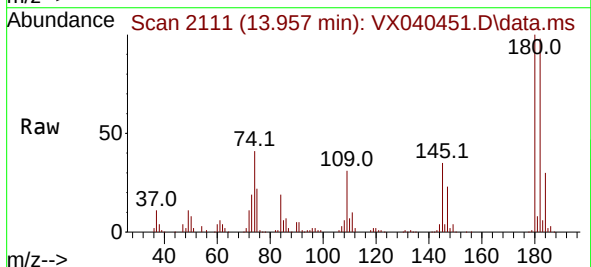
Tgt Ion:128 Resp: 258484
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.203 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX040451.D
Acq: 26 Feb 2024 10:53



Tgt Ion:180 Resp: 74544
Ion Ratio Lower Upper
180 100
182 98.1 46.9 140.6
145 34.3 17.8 53.5

