

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040781.D
 Acq On : 22 Mar 2024 15:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 05:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	15778	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	89182	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	80704	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	44373	28.159	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.867%		
60) 4-Bromofluorobenzene	11.079	95	42354	30.596	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.000%		
63) Toluene-d8	8.647	98	111183	31.174	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19708	18.416	ug/l	91
3) Chloromethane	1.301	50	17769	16.206	ug/l	95
4) Vinyl Chloride	1.374	62	19092	16.112	ug/l	95
5) Bromomethane	1.611	94	13224	18.272	ug/l	97
6) Chloroethane	1.691	64	12292	17.656	ug/l	98
7) Trichlorofluoromethane	1.892	101	34381	19.056	ug/l	98
8) Diethyl Ether	2.130	74	11783	19.235	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	19339	19.569	ug/l	92
10) 1,1-Dichloroethene	2.325	96	17376	18.468	ug/l	96
11) Methyl Iodide	2.453	142	25589	22.486	ug/l	95
12) Methyl Acetate	2.697	43	31341	20.222	ug/l	99
13) Acrolein	2.233	56	24572	84.097	ug/l	99
14) Acrylonitrile	3.056	53	56370	92.365	ug/l	99
15) Acetone	2.374	58	12891	73.896	ug/l #	60
16) Carbon Disulfide	2.514	76	44209	17.096	ug/l	98
17) Allyl chloride	2.666	41	32484	18.709	ug/l	85
18) Methylene Chloride	2.788	84	21362	19.886	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	19127	18.620	ug/l	95
20) Diisopropyl ether	3.751	45	67671	19.488	ug/l #	82
21) 1,1-Dichloroethane	3.605	63	39147	19.591	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	23013	19.292	ug/l	96
23) tert-Butyl Alcohol	2.940	59	20431m	70.855	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	65497	18.862	ug/l	94
25) Chloroform	5.086	83	42984	19.654	ug/l	92
26) Cyclohexane	5.471	56	29297	18.167	ug/l #	94
29) 1,1-Dichloropropene	5.690	75	29556	19.146	ug/l	81
30) 2-Butanone	4.550	43	79479	84.374	ug/l	99
31) 2,2-Dichloropropane	4.477	77	32467	19.487	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	36664	18.849	ug/l	97
33) Carbon Tetrachloride	5.678	117	31730	19.388	ug/l	97
34) Benzene	6.031	78	81776	19.624	ug/l	97
35) Methacrylonitrile	4.916	41	18260	18.883	ug/l	94
36) 1,2-Dichloroethane	6.080	62	36675	19.035	ug/l	95
37) Trichloroethene	7.123	130	21046	18.794	ug/l	97
38) Methylcyclohexane	7.373	83	32144	19.338	ug/l	97
39) 1,2-Dichloropropane	7.421	63	20926	19.722	ug/l	99
40) Dibromomethane	7.580	93	16770	20.119	ug/l	97
41) Bromodichloromethane	7.818	83	33150	19.991	ug/l	99
42) Vinyl Acetate	3.715	43	308517	95.126	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040781.D
 Acq On : 22 Mar 2024 15:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 05:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	33499	18.883	ug/l	97
44) Isopropyl Acetate	6.330	43	52972	18.706	ug/l	95
45) 1,4-Dioxane	7.653	88	8283	284.550	ug/l	93
46) Methyl methacrylate	7.690	41	26555	18.880	ug/l	95
47) n-amyl Acetate	10.842	43	45799	18.765	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	33653	19.201	ug/l	92
49) cis-1,3-Dichloropropene	8.360	75	35361	19.805	ug/l	91
50) 1,1,2-Trichloroethane	9.147	97	21444	19.368	ug/l	95
51) Ethyl methacrylate	9.110	69	33429	19.178	ug/l	94
52) 1,3-Dichloropropane	9.305	76	36009	19.060	ug/l	100
53) Dibromochloromethane	9.519	129	22787	18.054	ug/l	100
54) 1,2-Dibromoethane	9.610	107	22585	18.435	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	95945	108.085	ug/l	99
56) Bromoform	10.799	173	15608	17.434	ug/l #	97
58) 4-Methyl-2-Pentanone	8.568	43	171400	95.377	ug/l	98
59) 2-Hexanone	9.427	43	128871	88.781	ug/l	95
61) Tetrachloroethene	9.269	164	17776	18.558	ug/l	90
62) Toluene	8.714	91	89168	20.061	ug/l	98
64) Chlorobenzene	10.079	112	55052	20.265	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	20020	19.321	ug/l	98
66) Ethyl Benzene	10.189	91	102006	19.904	ug/l	98
67) m/p-Xylenes	10.299	106	72225	38.164	ug/l	96
68) o-Xylene	10.640	106	35081	19.256	ug/l	93
69) Styrene	10.653	104	59346	19.388	ug/l	98
70) Isopropylbenzene	10.963	105	96954	19.695	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	34372	19.917	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	29261m	18.844	ug/l	
73) Bromobenzene	11.195	156	23170	19.882	ug/l	92
74) n-propylbenzene	11.305	91	123014	20.233	ug/l	98
75) 2-Chlorotoluene	11.360	91	70443	19.524	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	85109	19.638	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9475	19.634	ug/l	78
78) 4-Chlorotoluene	11.451	91	84413	19.612	ug/l	100
79) tert-butylbenzene	11.713	119	79006	19.531	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	82171	19.244	ug/l	100
81) sec-Butylbenzene	11.890	105	101542	19.013	ug/l	99
82) p-Isopropyltoluene	12.006	119	86812	19.859	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	44335	19.551	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	45485	19.615	ug/l	98
85) n-Butylbenzene	12.329	91	83470	19.623	ug/l	99
86) Hexachloroethane	12.536	117	14459	18.956	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	43272	19.637	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7504	16.262	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	29646	19.981	ug/l	98
90) Hexachlorobutadiene	13.725	225	11290	18.819	ug/l	98
91) Naphthalene	13.774	128	99633	20.587	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	29031	19.844	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

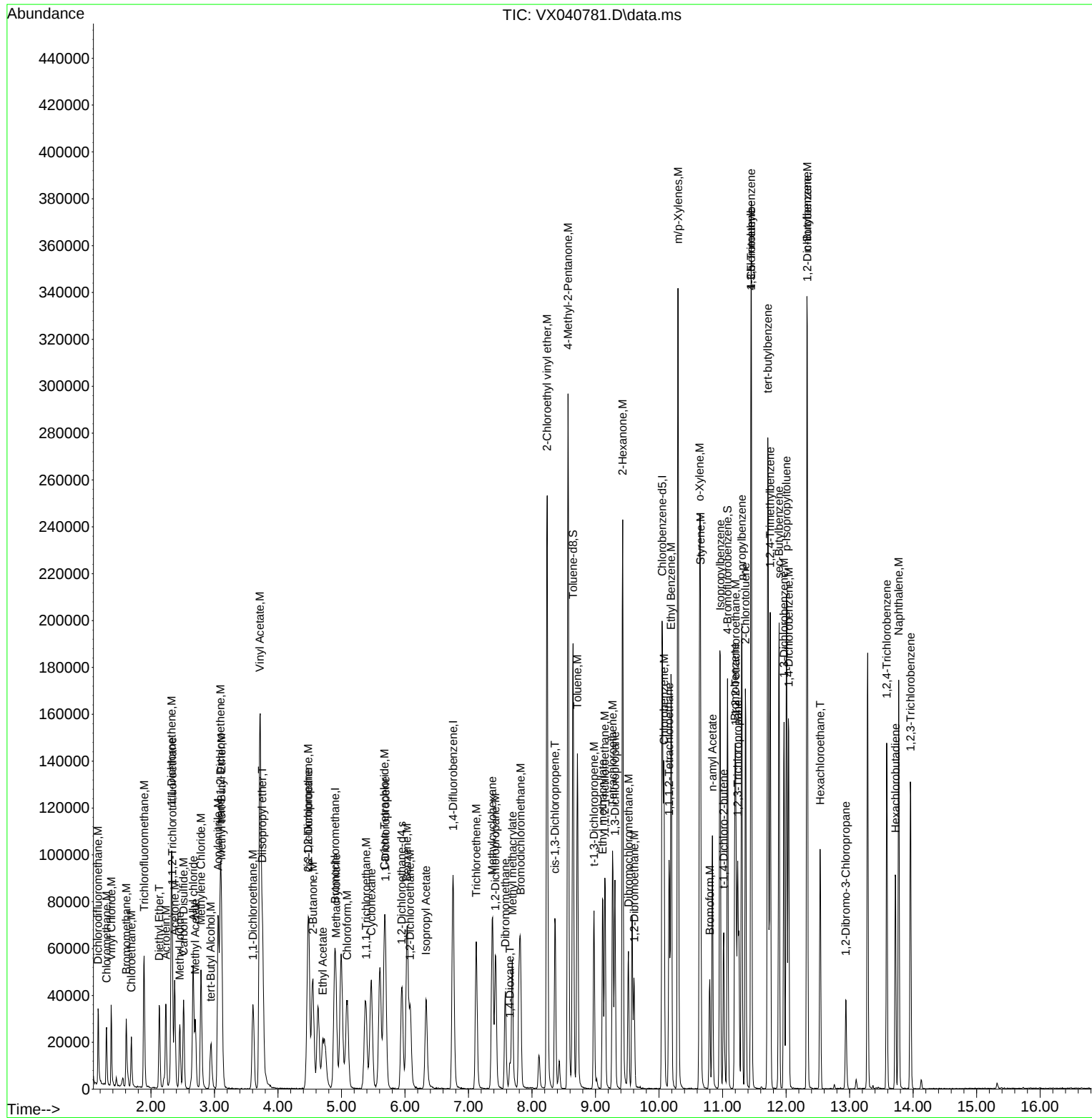
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
Data File : VX040781.D
Acq On : 22 Mar 2024 15:50
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

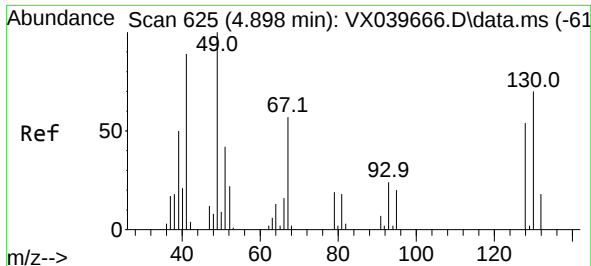
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Mar 23 05:06:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 05 13:21:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

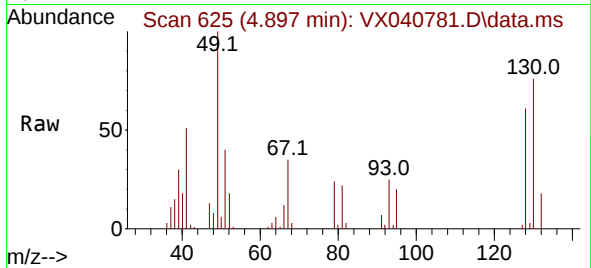
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

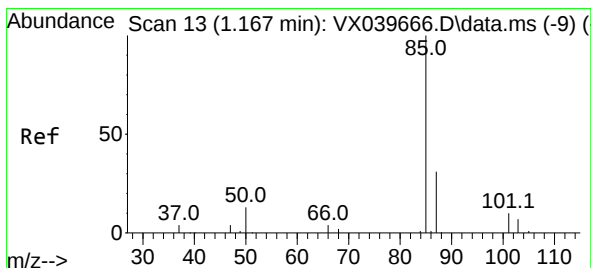
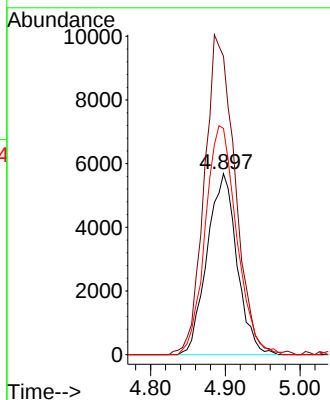
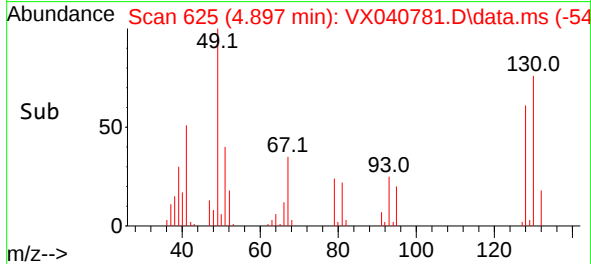
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 15778
Ion Ratio Lower Upper
128 100
49 180.9 0.0 444.0
130 133.1 0.0 297.8

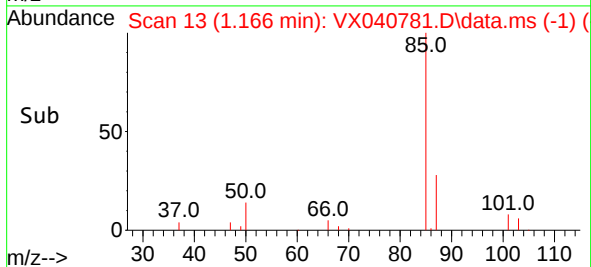
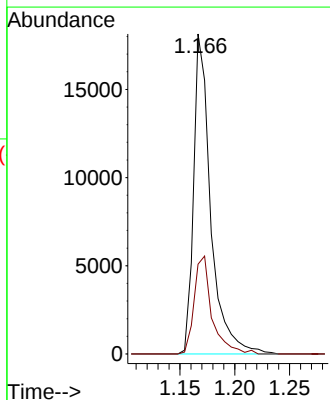
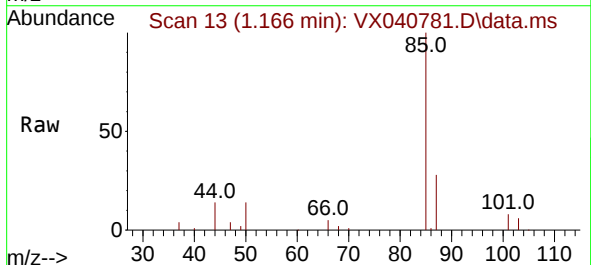
Manual Integrations
APPROVED

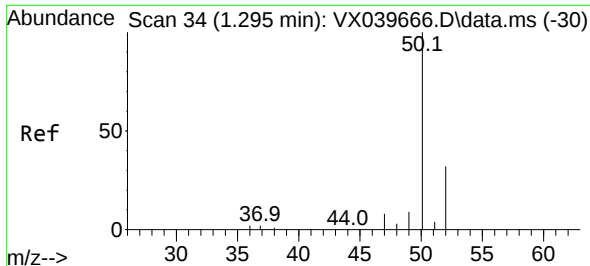
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#2
Dichlorodifluoromethane
Concen: 18.416 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 85 Resp: 19708
Ion Ratio Lower Upper
85 100
87 28.1 16.7 50.1





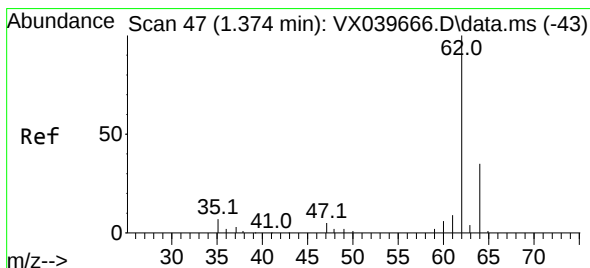
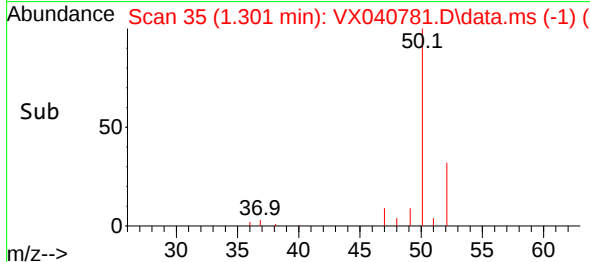
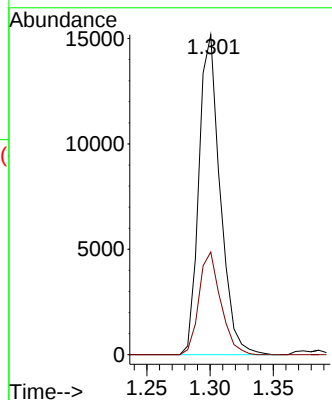
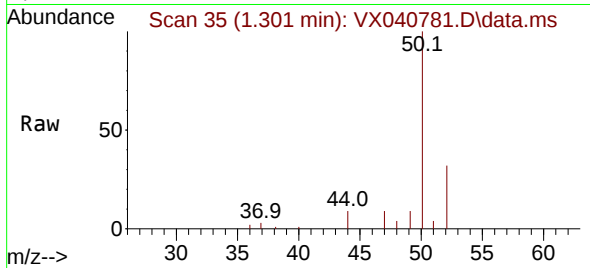
#3
Chloromethane
Concen: 16.206 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 17769
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8

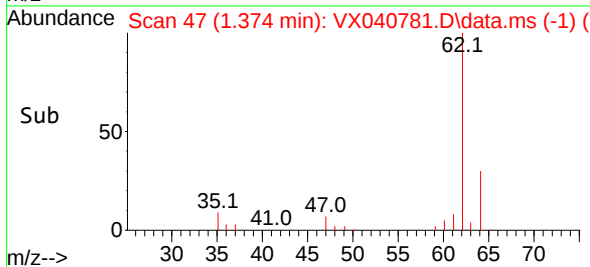
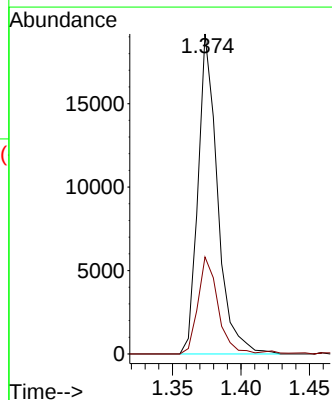
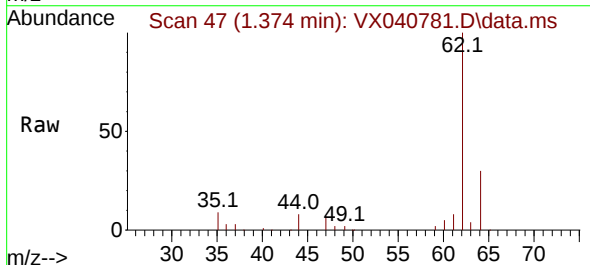
Manual Integrations
APPROVED

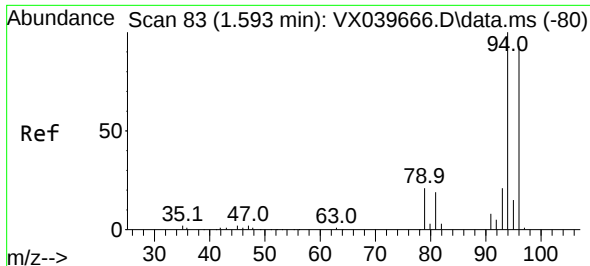
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#4
Vinyl Chloride
Concen: 16.112 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 62 Resp: 19092
Ion Ratio Lower Upper
62 100
64 30.3 26.3 39.5





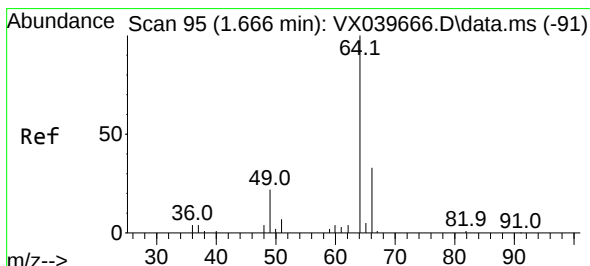
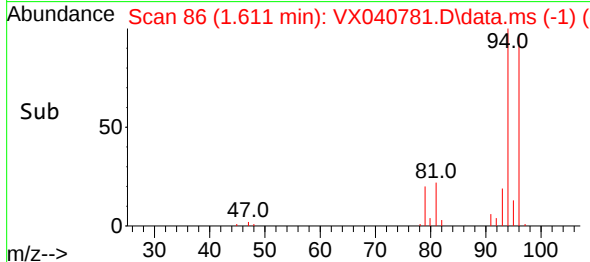
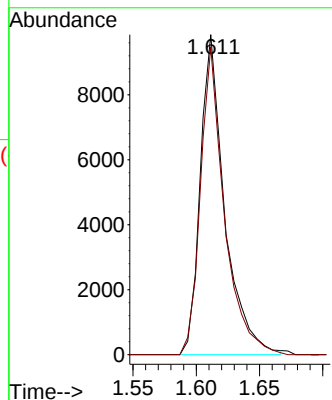
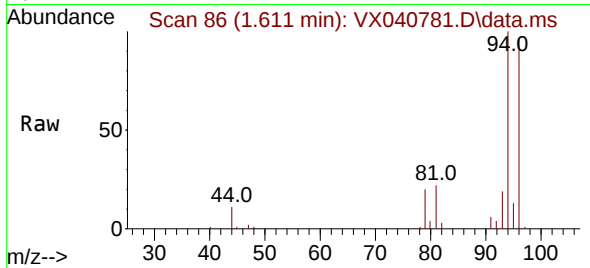
#5
Bromomethane
Concen: 18.272 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 13224
Ion Ratio Lower Upper
94 100
96 96.2 74.9 112.3

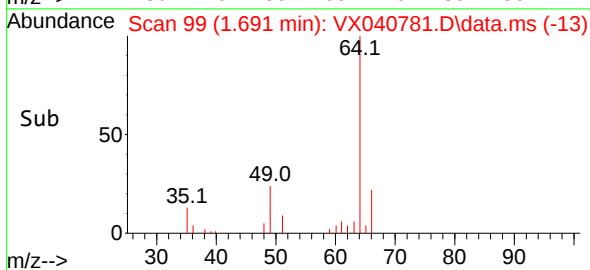
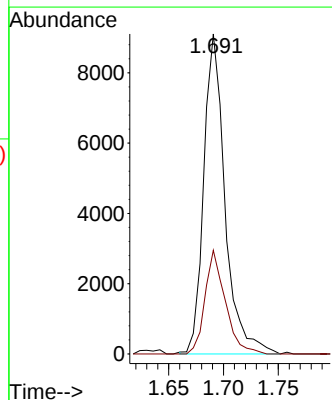
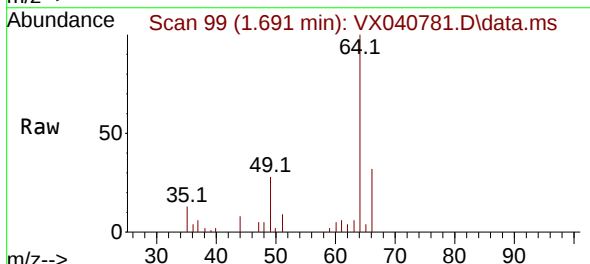
Manual Integrations
APPROVED

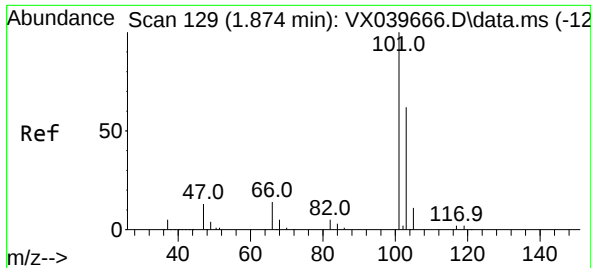
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#6
Chloroethane
Concen: 17.656 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 64 Resp: 12292
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.6





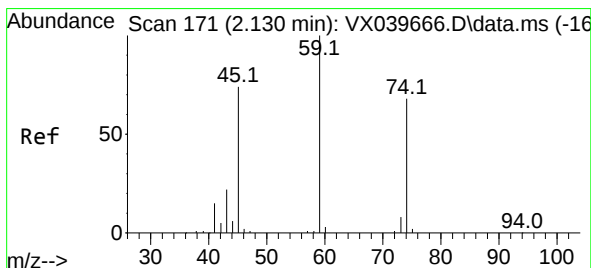
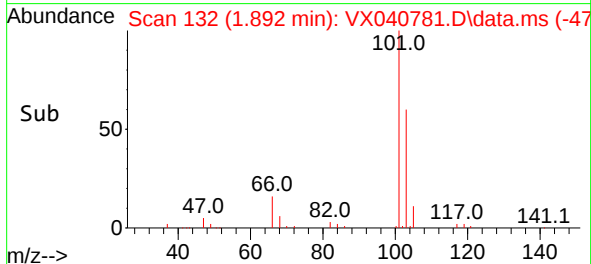
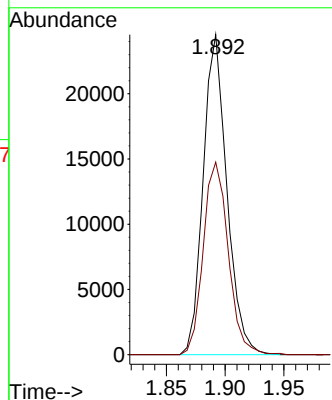
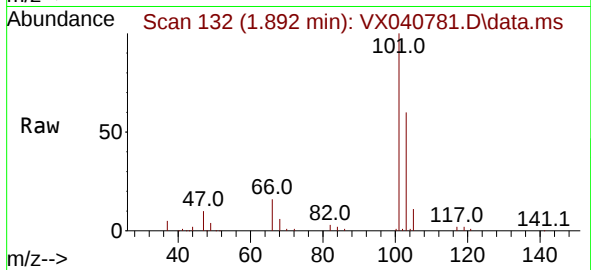
#7
Trichlorofluoromethane
Concen: 19.056 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3438
Ion Ratio Lower Upper
101 100
103 60.2 49.1 73.7

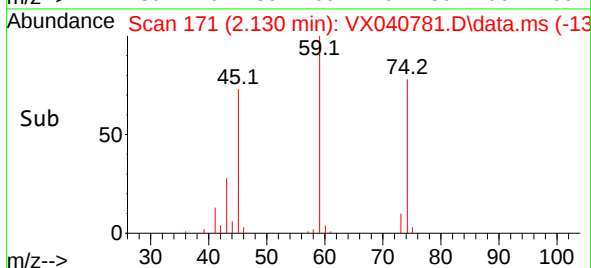
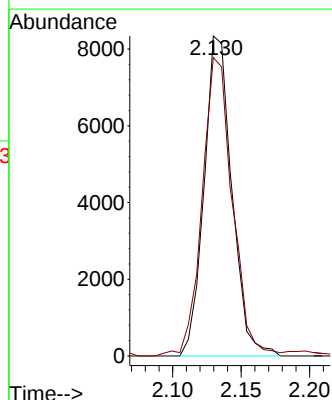
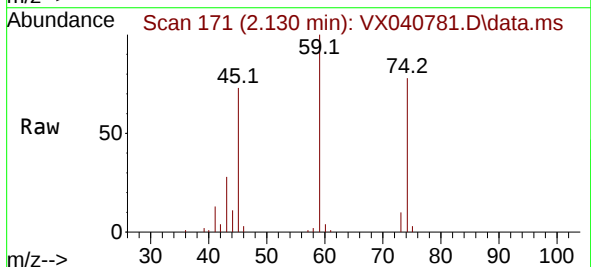
Manual Integrations
APPROVED

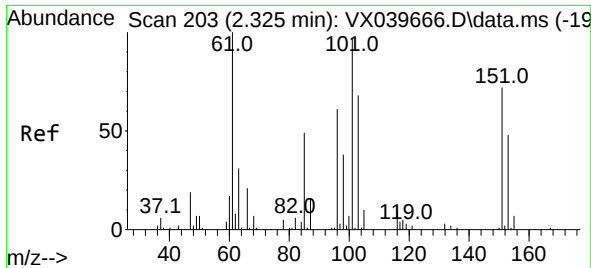
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#8
Diethyl Ether
Concen: 19.235 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 74 Resp: 11783
Ion Ratio Lower Upper
74 100
45 100.2 20.5 184.5





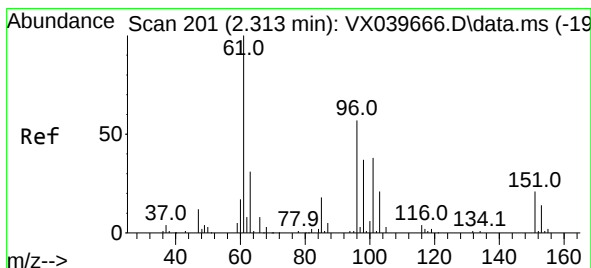
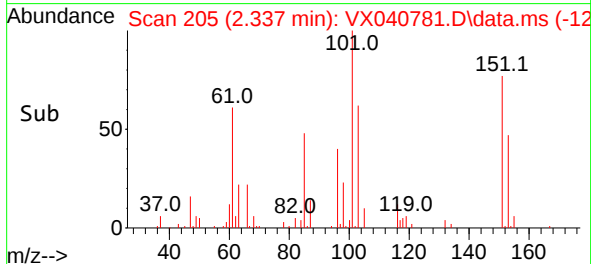
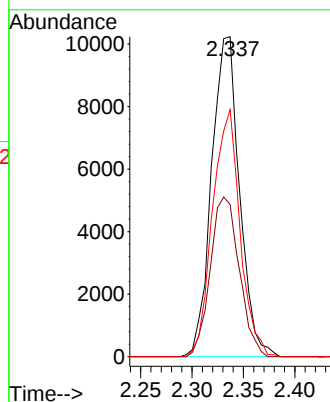
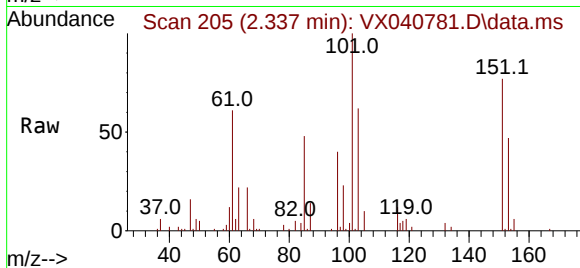
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.569 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.012 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 19339
 Ion Ratio Lower Upper
 101 100
 85 51.6 0.0 95.2
 151 75.8 0.0 136.8

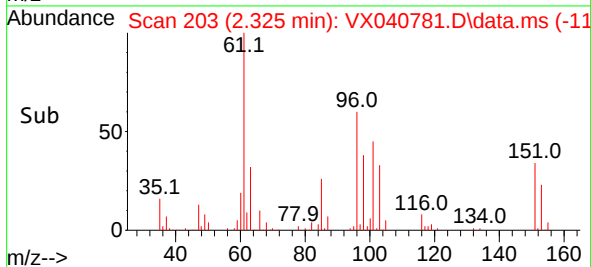
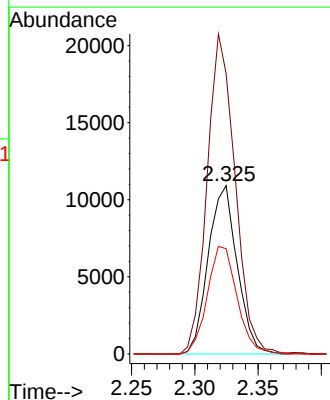
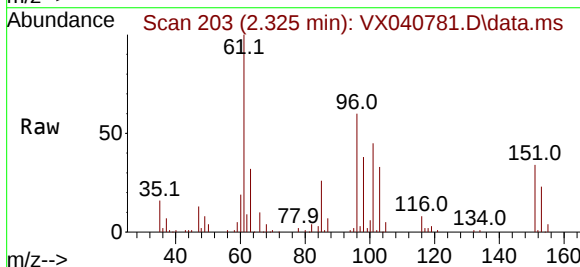
Manual Integrations
 APPROVED

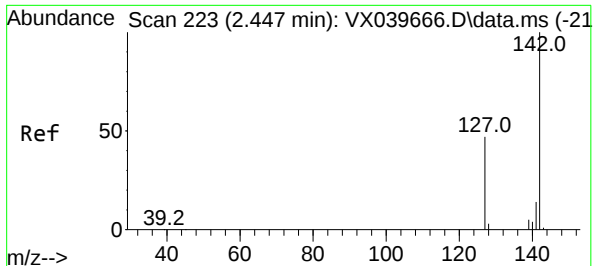
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#10
 1,1-Dichloroethene
 Concen: 18.468 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.012 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Tgt Ion: 96 Resp: 17376
 Ion Ratio Lower Upper
 96 100
 61 166.5 138.3 207.5
 98 62.5 49.8 74.6





#11

Methyl Iodide

Concen: 22.486 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

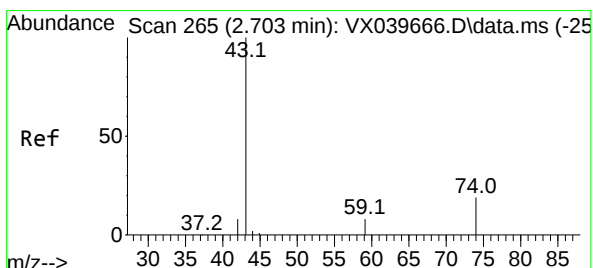
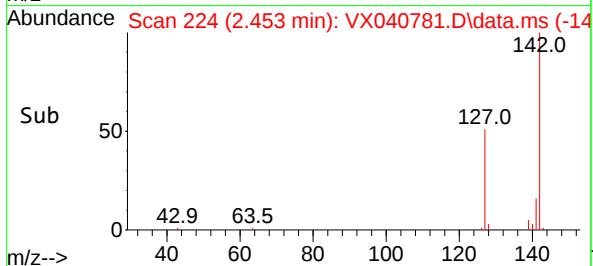
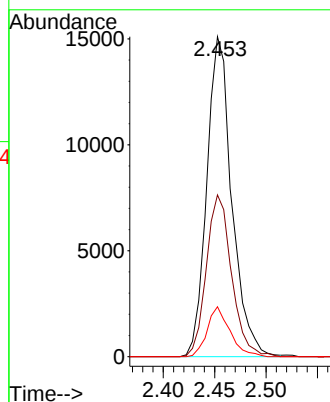
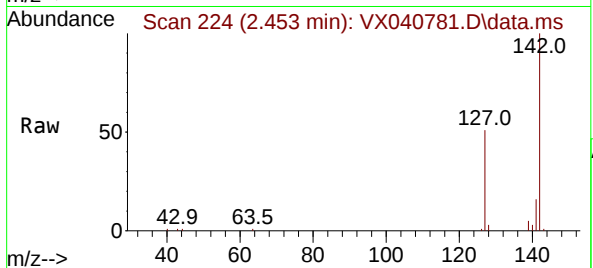
Tgt Ion:142 Resp: 25589
 Ion Ratio Lower Upper
 142 100
 127 50.7 23.8 71.4
 141 15.6 6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#12

Methyl Acetate

Concen: 20.222 ug/l

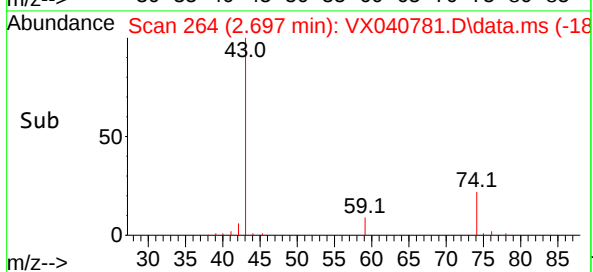
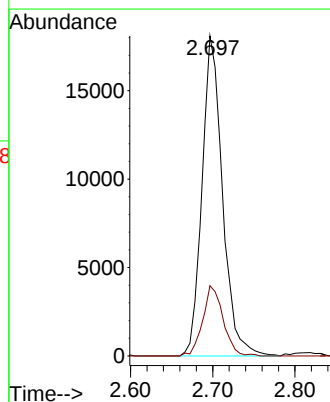
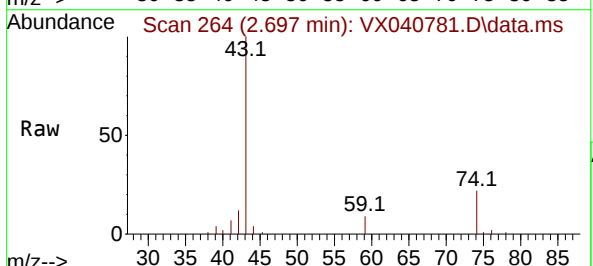
RT: 2.697 min Scan# 264

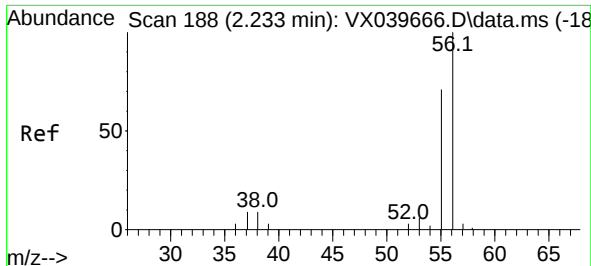
Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Tgt Ion: 43 Resp: 31341
 Ion Ratio Lower Upper
 43 100
 74 22.0 17.8 26.6





#13

Acrolein

Concen: 84.097 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 24572

Ion Ratio Lower Upper

56 100

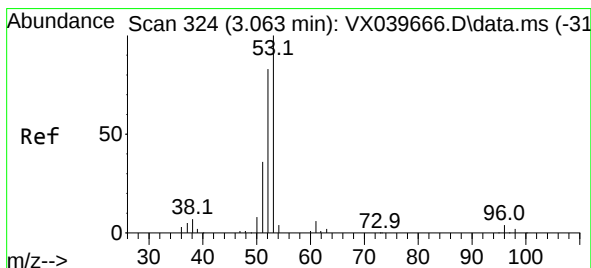
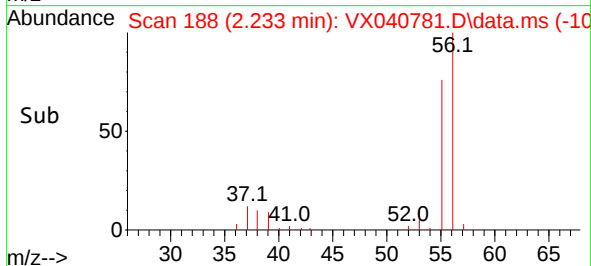
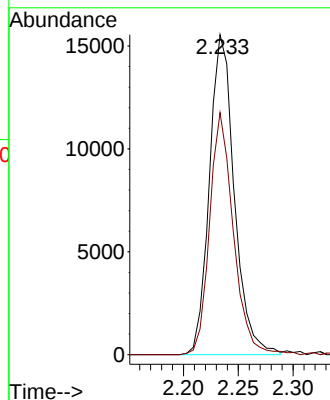
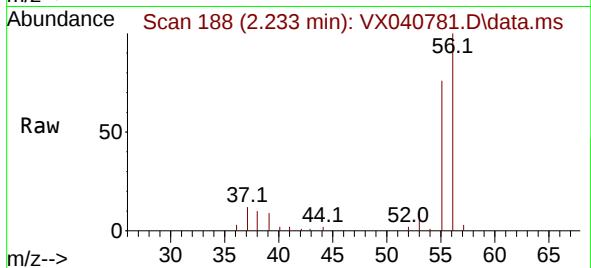
55 72.1 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#14

Acrylonitrile

Concen: 92.365 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

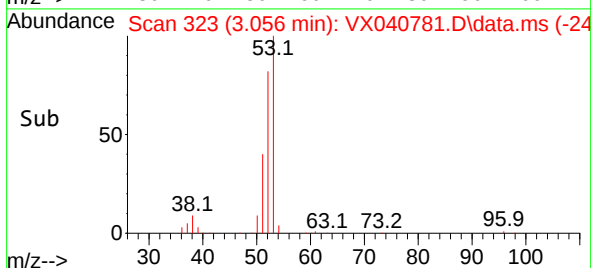
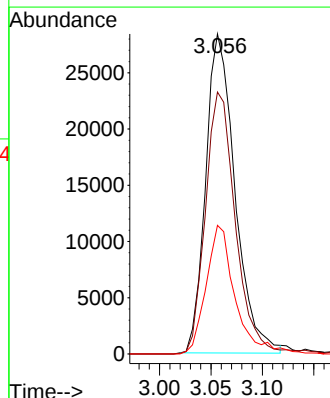
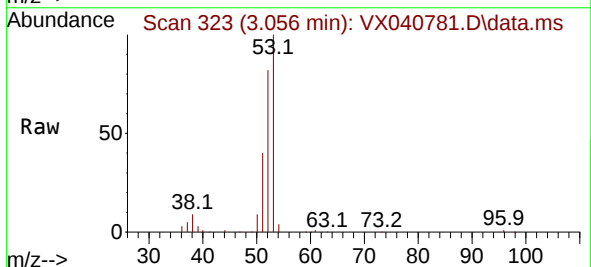
Tgt Ion: 53 Resp: 56370

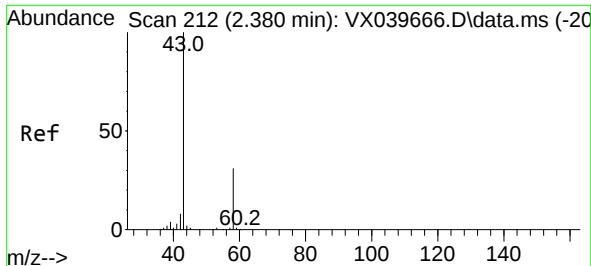
Ion Ratio Lower Upper

53 100

52 83.8 41.9 125.6

51 37.8 18.3 54.9





#15

Acetone

Concen: 73.896 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1289

Ion Ratio Lower Upper

58 100

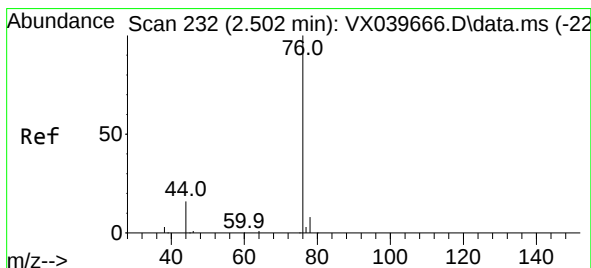
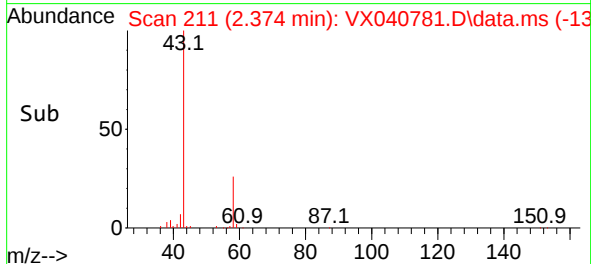
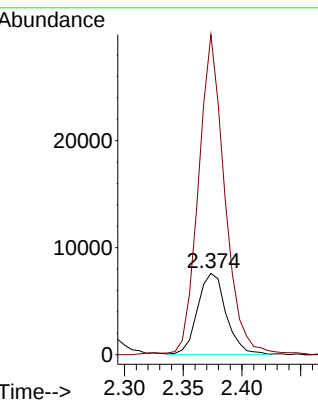
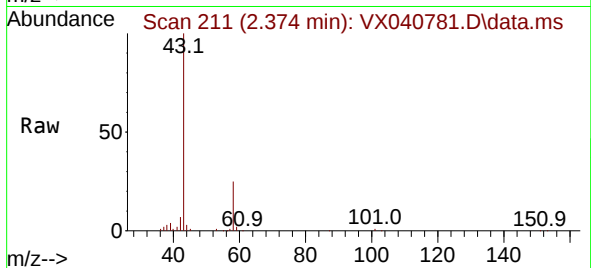
43 393.9 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#16

Carbon Disulfide

Concen: 17.096 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.012 min

Lab File: VX040781.D

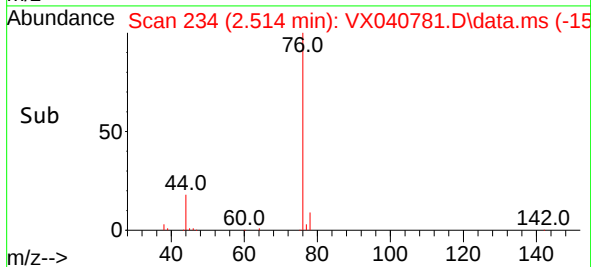
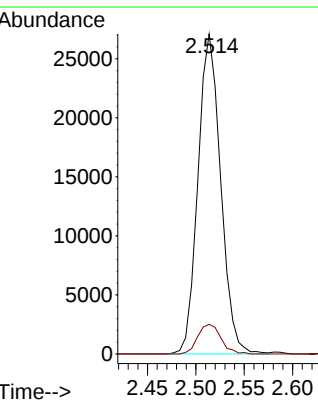
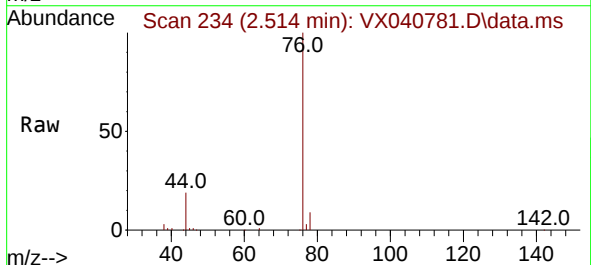
Acq: 22 Mar 2024 15:50

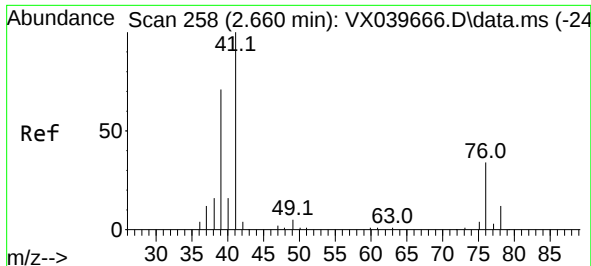
Tgt Ion: 76 Resp: 44209

Ion Ratio Lower Upper

76 100

78 9.2 8.0 12.0





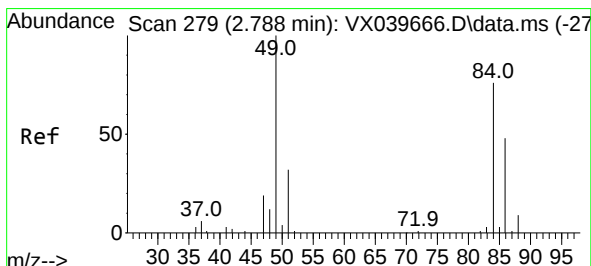
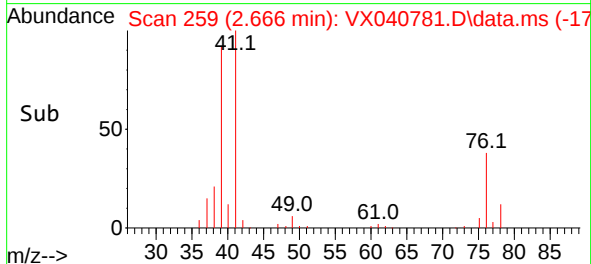
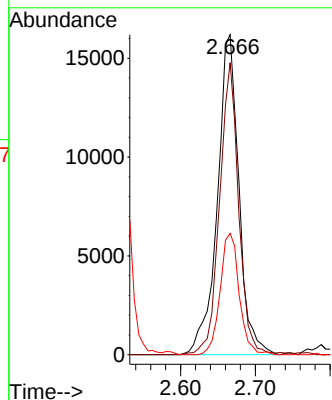
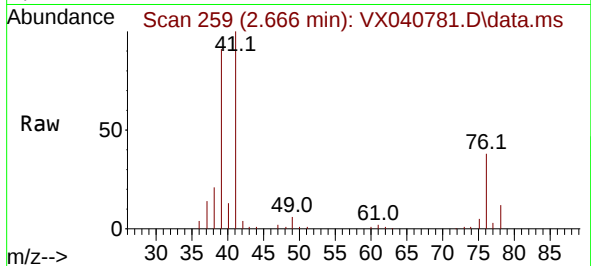
#17
 Allyl chloride
 Concen: 18.709 ug/l
 RT: 2.666 min Scan# 258
 Delta R.T. 0.006 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41 Resp: 32484
 Ion Ratio Lower Upper
 41 100
 39 91.3 36.5 109.5
 76 37.9 19.7 59.0

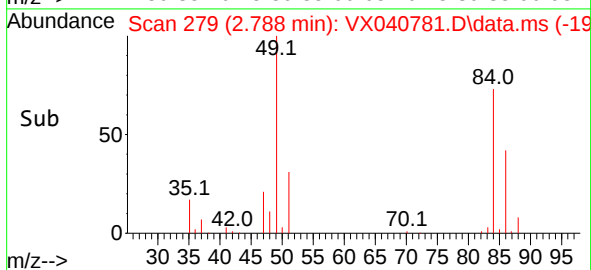
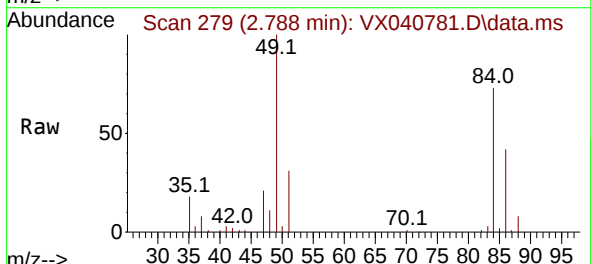
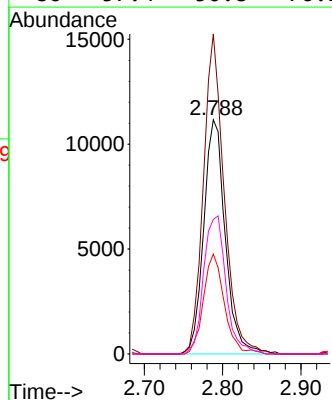
Manual Integrations
 APPROVED

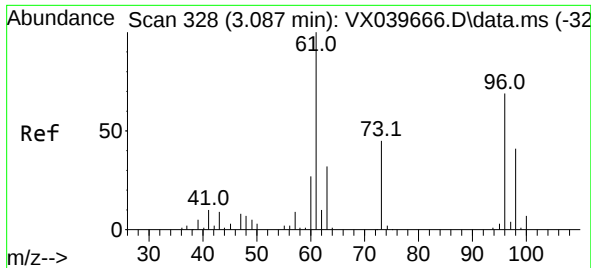
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#18
 Methylene Chloride
 Concen: 19.886 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Tgt Ion: 84 Resp: 21362
 Ion Ratio Lower Upper
 84 100
 49 136.6 103.8 155.8
 51 42.7 31.8 47.6
 86 57.4 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 18.620 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

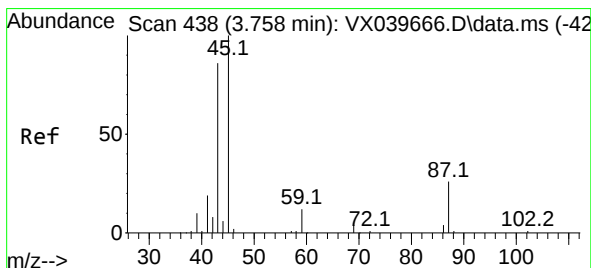
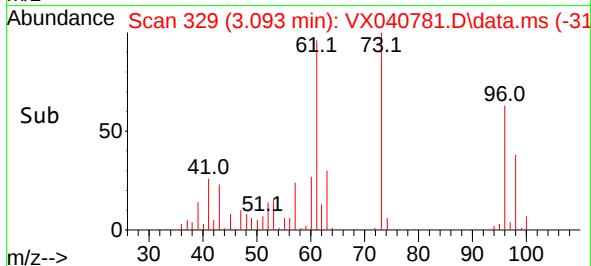
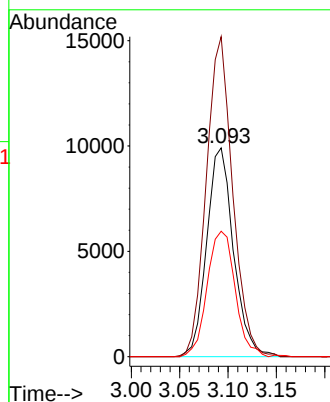
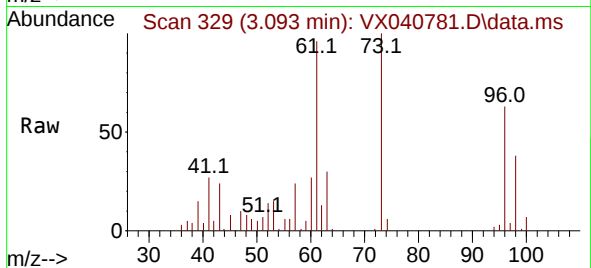
VSTDCCC020EC

Tgt Ion: 96 Resp: 1912
Ion Ratio Lower Upper
96 100
61 153.3 117.9 176.9
98 60.1 51.0 76.6

Manual Integrations

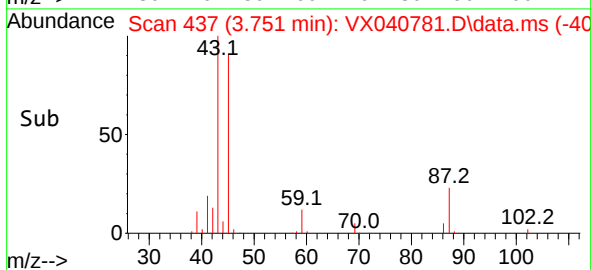
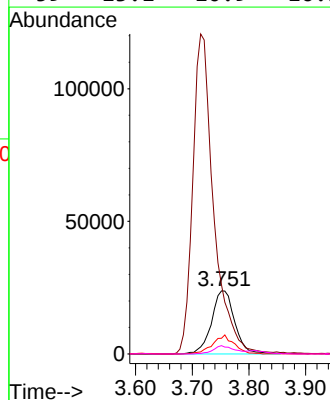
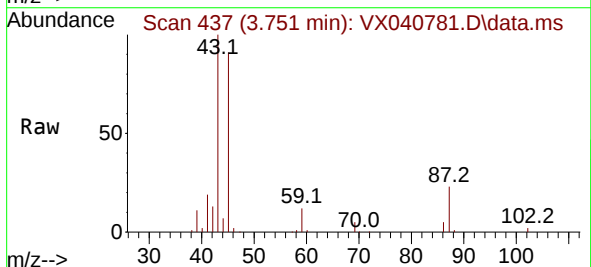
APPROVED

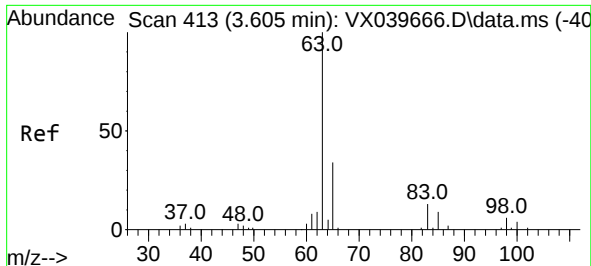
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#20
Diisopropyl ether
Concen: 19.488 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 45 Resp: 67671
Ion Ratio Lower Upper
45 100
43 107.4 67.7 101.5#
87 24.9 21.5 32.3
59 13.1 10.9 16.3





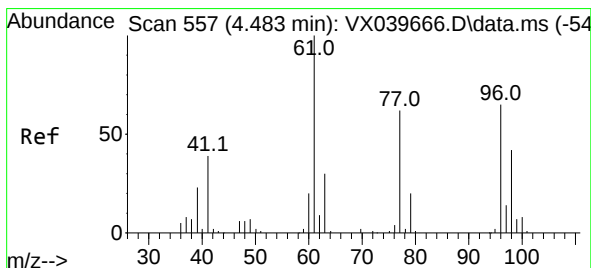
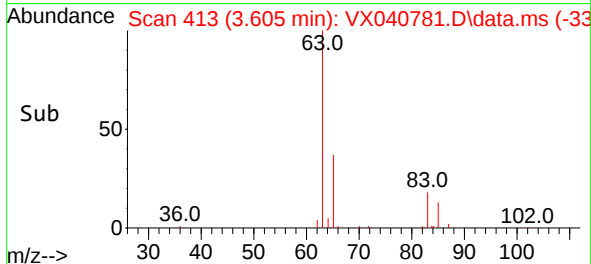
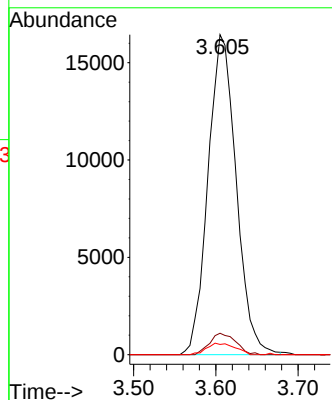
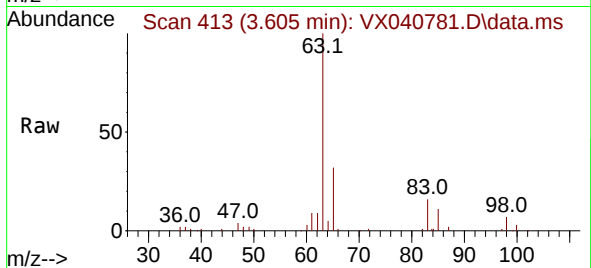
#21
1,1-Dichloroethane
Concen: 19.591 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 3914
Ion Ratio Lower Upper
63 100
98 6.7 2.9 8.8
100 3.2 2.0 5.8

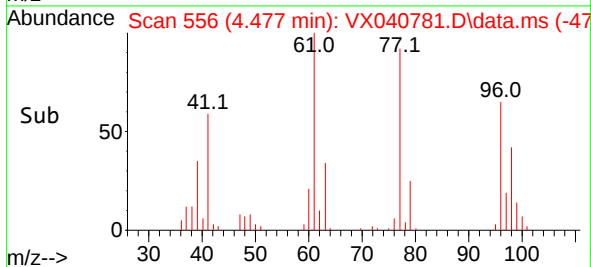
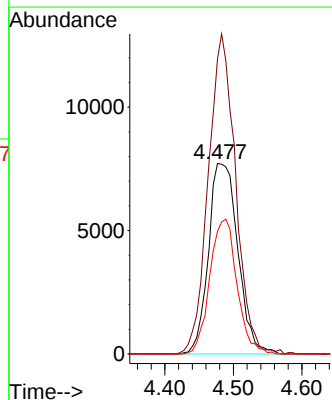
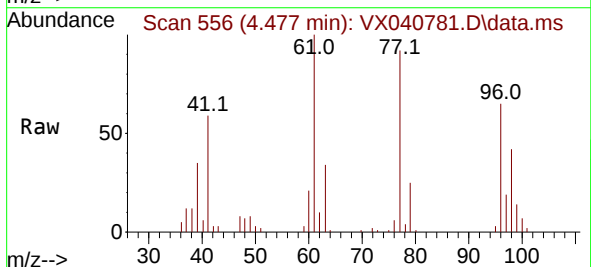
Manual Integrations
APPROVED

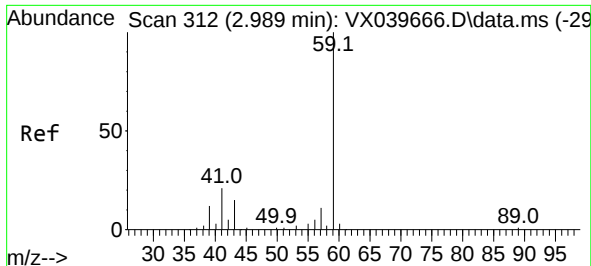
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#22
cis-1,2-Dichloroethene
Concen: 19.292 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

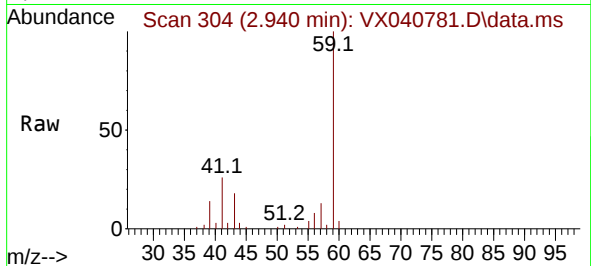
Tgt Ion: 96 Resp: 23013
Ion Ratio Lower Upper
96 100
61 155.5 119.8 179.6
98 65.2 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 70.855 ug/l m
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

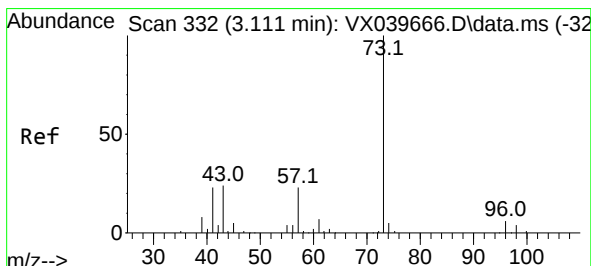
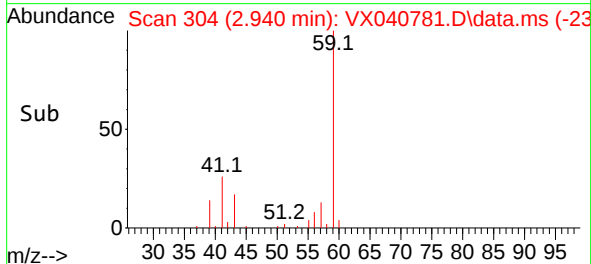
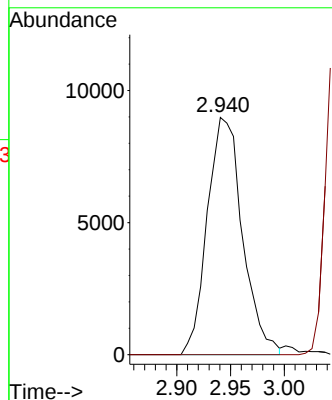
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 2043
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

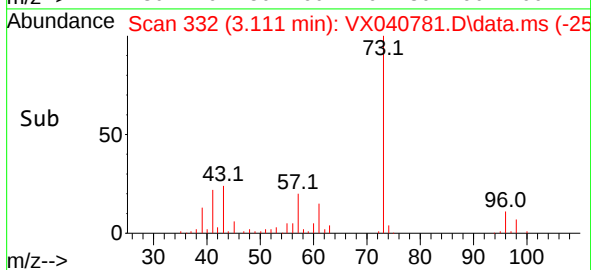
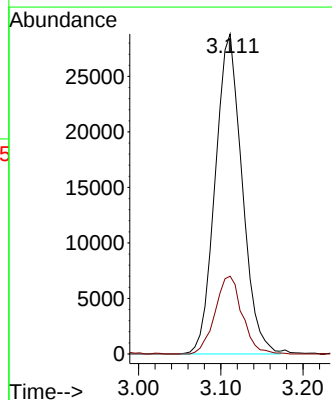
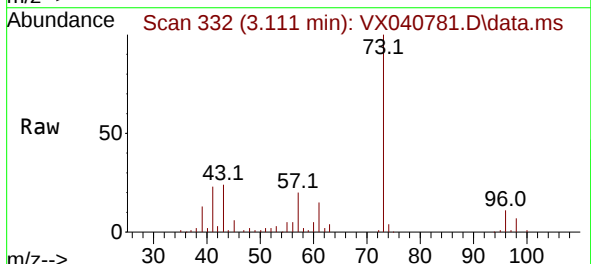
Manual Integrations
APPROVED

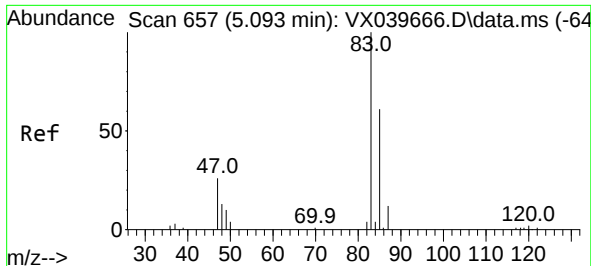
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#24
Methyl tert-Butyl Ether
Concen: 18.862 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 73 Resp: 65497
Ion Ratio Lower Upper
73 100
43 24.3 17.0 25.6





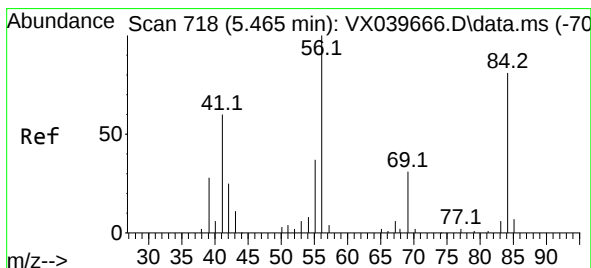
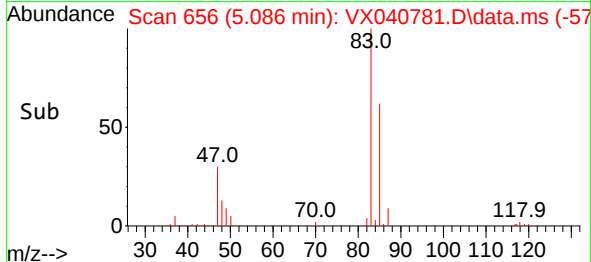
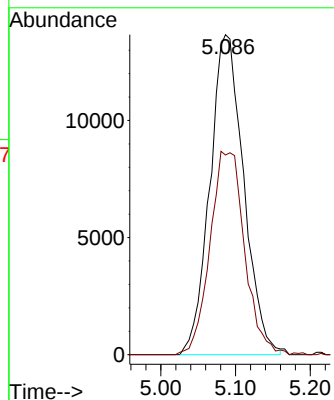
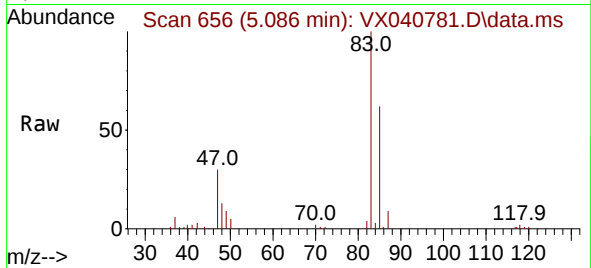
#25
Chloroform
Concen: 19.654 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 42984
Ion Ratio Lower Upper
83 100
85 61.7 54.6 81.8

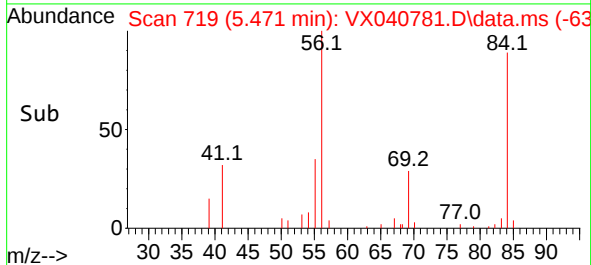
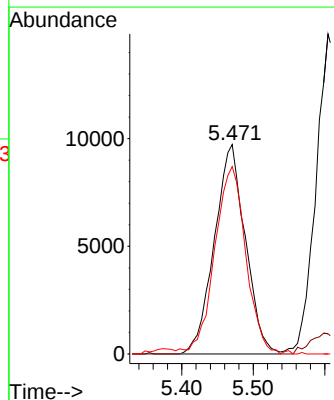
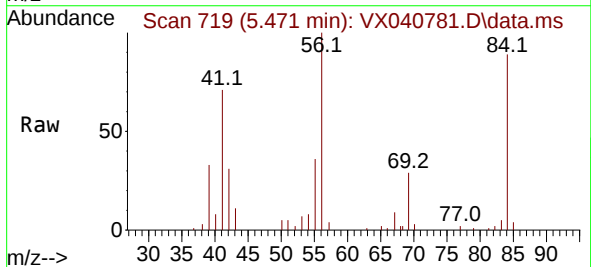
Manual Integrations
APPROVED

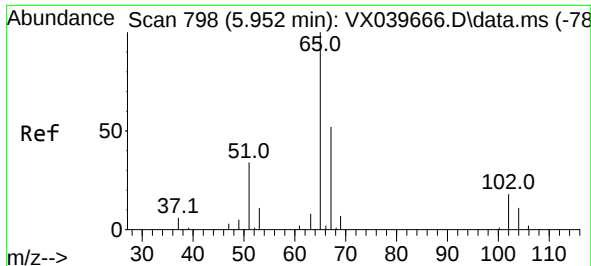
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#26
Cyclohexane
Concen: 18.167 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 56 Resp: 29297
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.1 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 28.159 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 4437

Ion Ratio Lower Upper

65 100

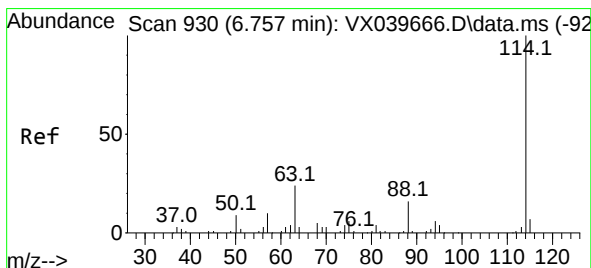
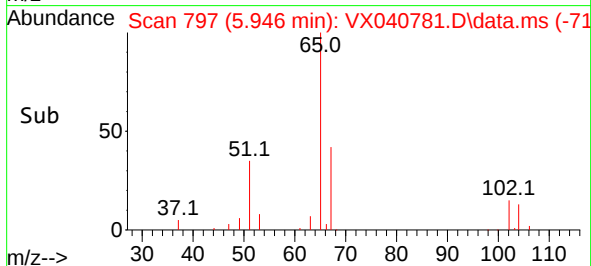
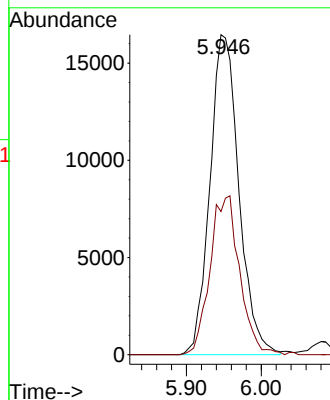
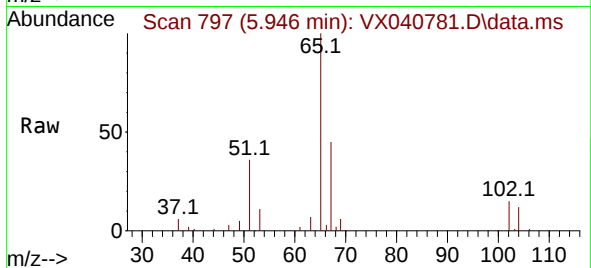
67 22.6 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

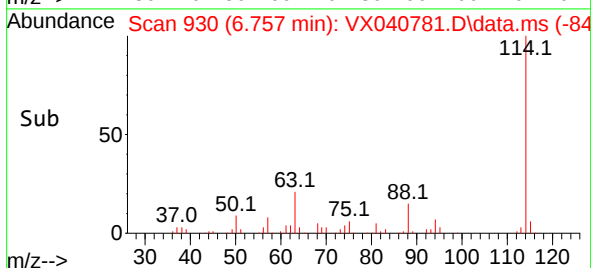
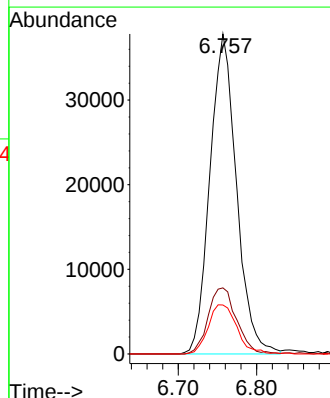
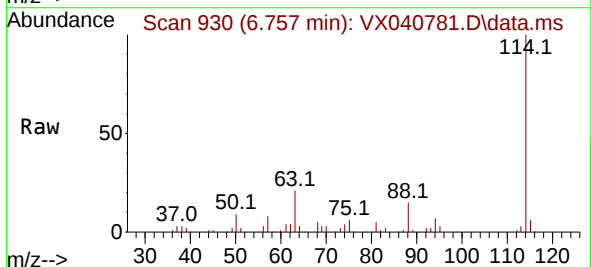
Tgt Ion:114 Resp: 89182

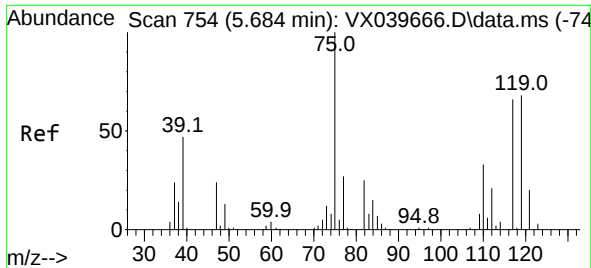
Ion Ratio Lower Upper

114 100

63 21.8 17.0 25.4

88 16.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.146 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

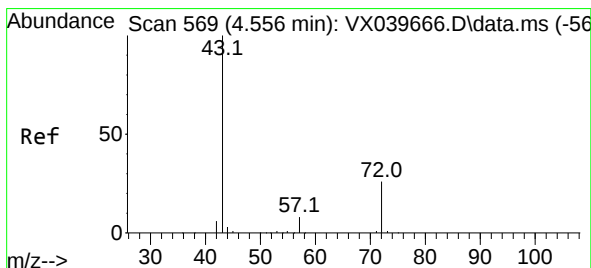
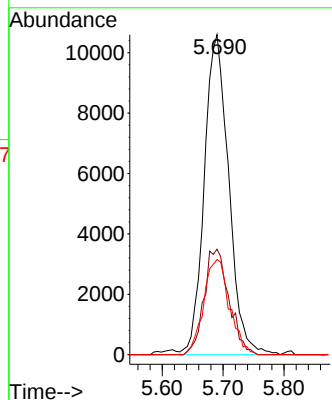
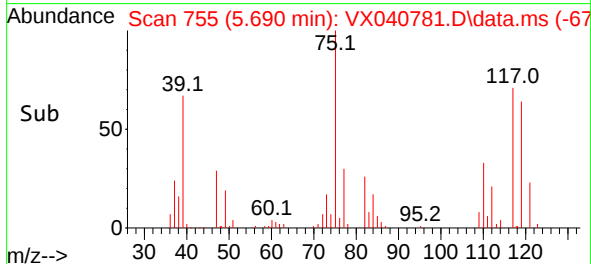
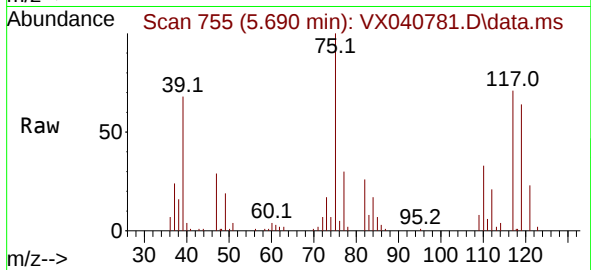
Tgt Ion: 75 Resp: 29550
Ion Ratio Lower Upper
75 100
110 14.9 0.0 71.2
77 31.4 0.0 62.6

Manual Integrations

APPROVED

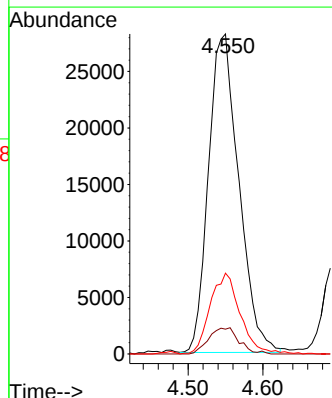
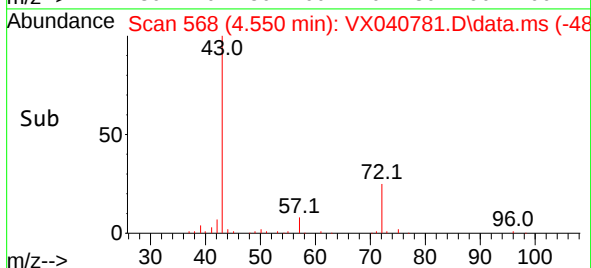
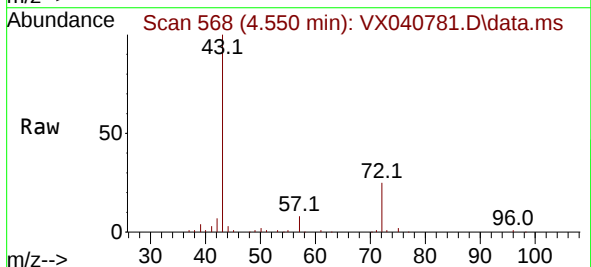
Reviewed By :John Carlone 03/25/2024

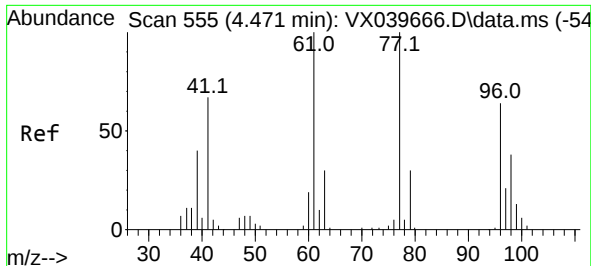
Supervised By :Semsettin Yesilyurt 03/25/2024



#30
2-Butanone
Concen: 84.374 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 43 Resp: 79479
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.1 20.6 31.0





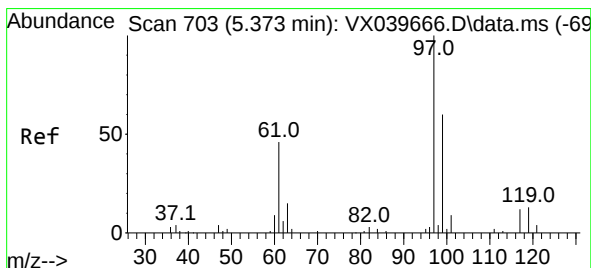
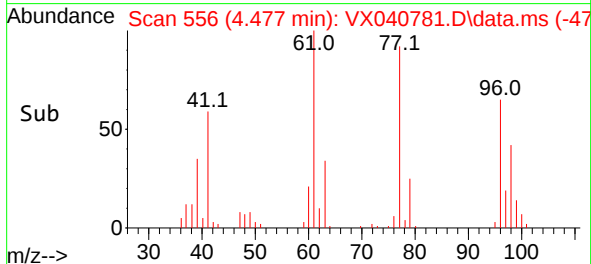
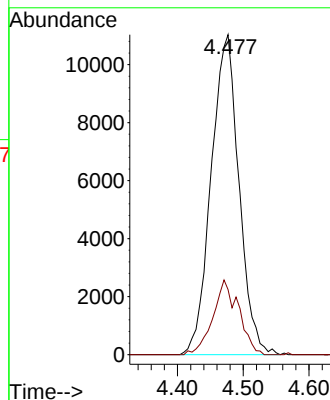
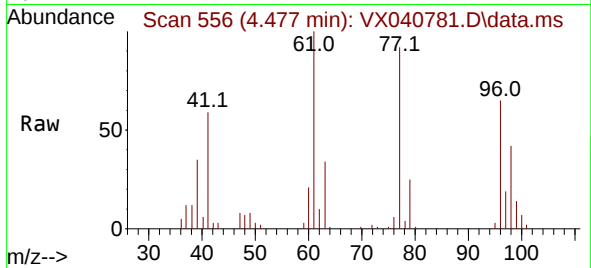
#31
2,2-Dichloropropane
Concen: 19.487 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3246
Ion Ratio Lower Upper
77 100
97 15.3 18.2 27.4

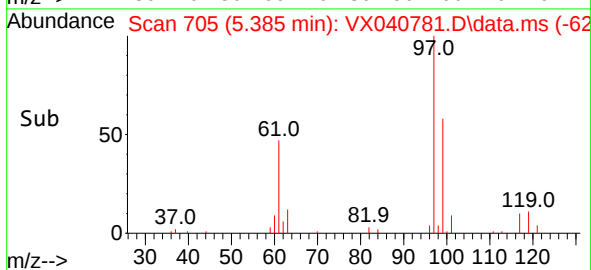
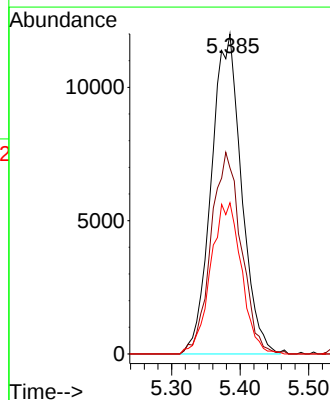
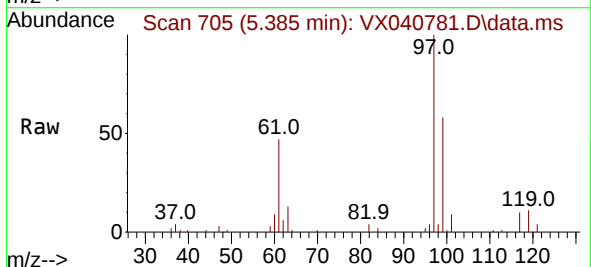
Manual Integrations
APPROVED

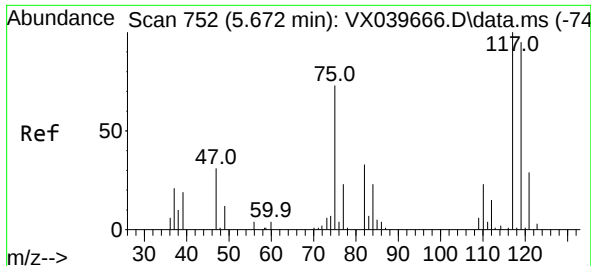
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#32
1,1,1-Trichloroethane
Concen: 18.849 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 97 Resp: 36664
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 48.4 36.9 55.3





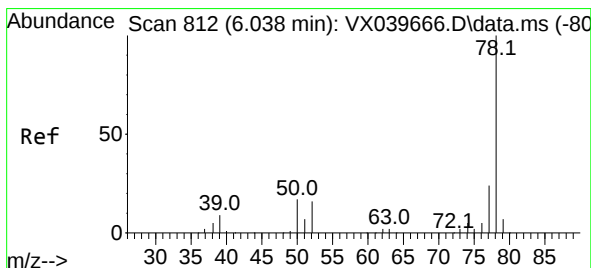
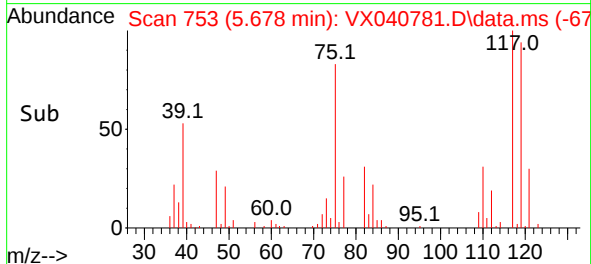
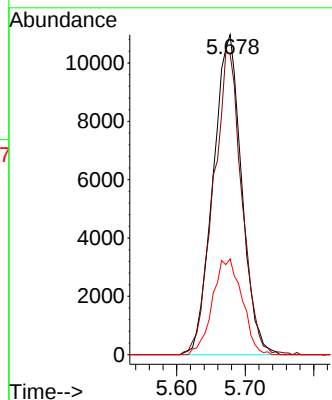
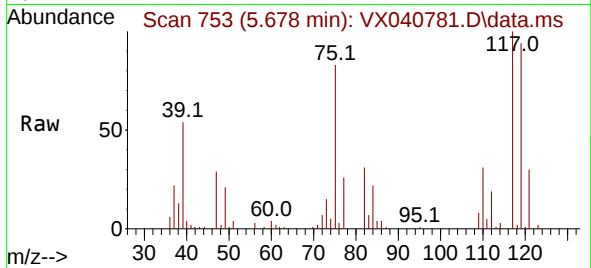
#33
Carbon Tetrachloride
Concen: 19.388 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 31730
Ion Ratio Lower Upper
117 100
119 93.9 78.2 117.4
121 30.0 24.7 37.1

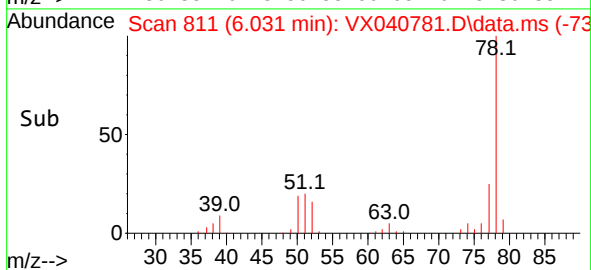
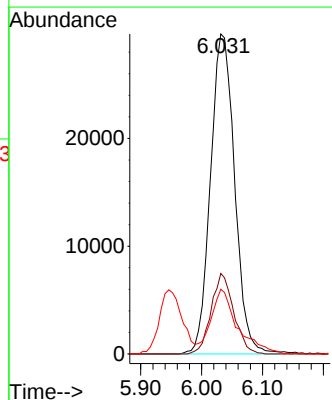
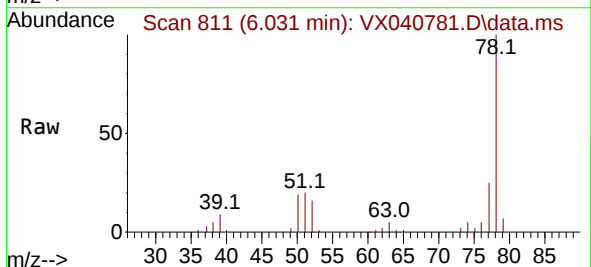
Manual Integrations
APPROVED

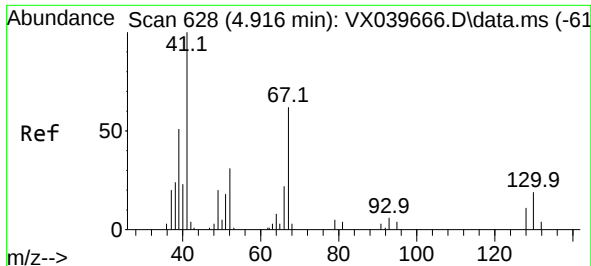
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#34
Benzene
Concen: 19.624 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

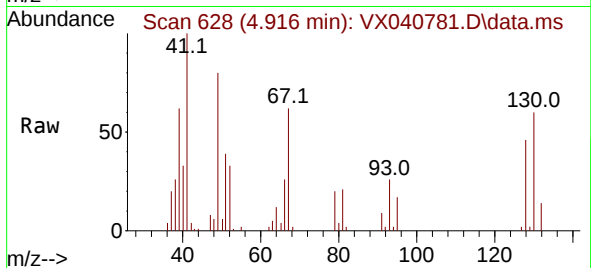
Tgt Ion: 78 Resp: 81776
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9
51 19.6 14.4 21.6





#35
Methacrylonitrile
Concen: 18.883 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

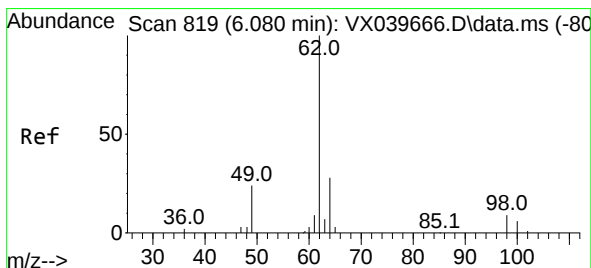
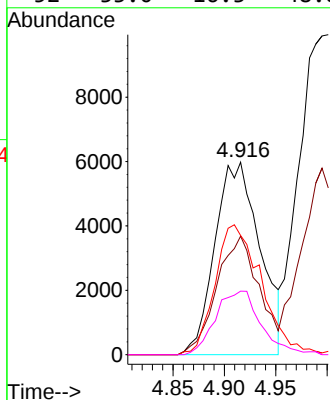
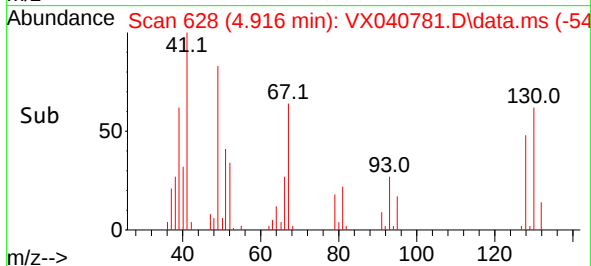
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 18260
Ion Ratio Lower Upper
41 100
39 61.6 28.2 84.7
67 61.9 34.5 103.5
52 33.0 16.3 48.8

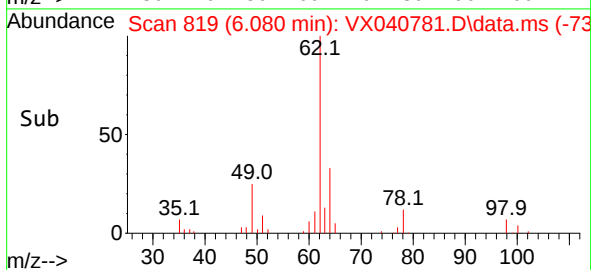
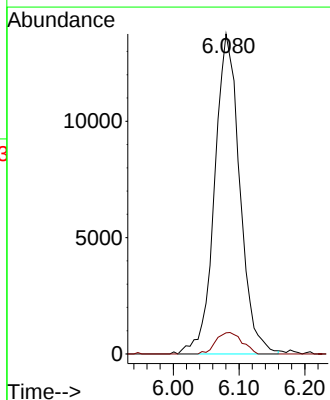
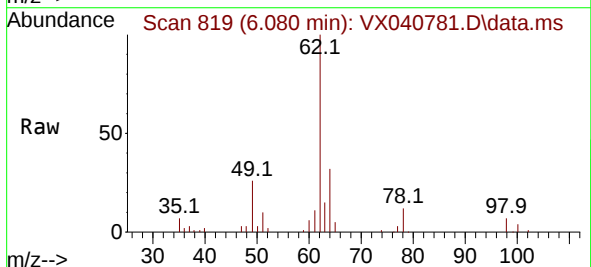
Manual Integrations
APPROVED

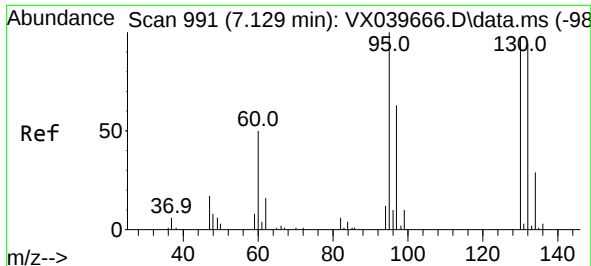
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#36
1,2-Dichloroethane
Concen: 19.035 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 62 Resp: 36675
Ion Ratio Lower Upper
62 100
98 7.0 7.0 10.4





#37

Trichloroethene

Concen: 18.794 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 2104

Ion Ratio Lower Upper

130 100

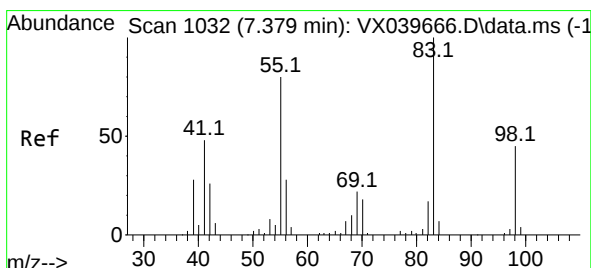
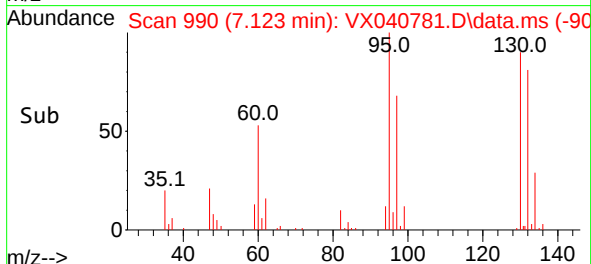
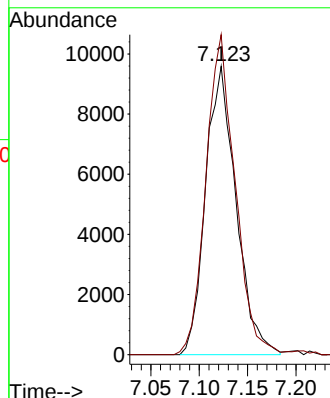
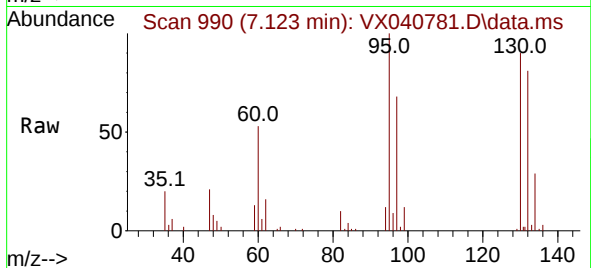
95 110.1 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#38

Methylcyclohexane

Concen: 19.338 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

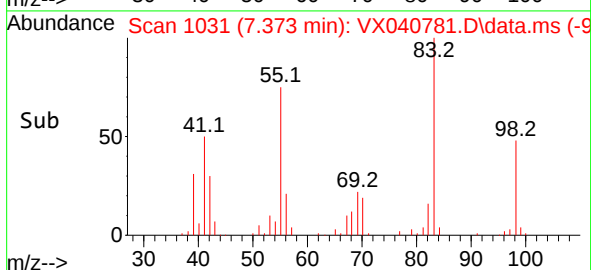
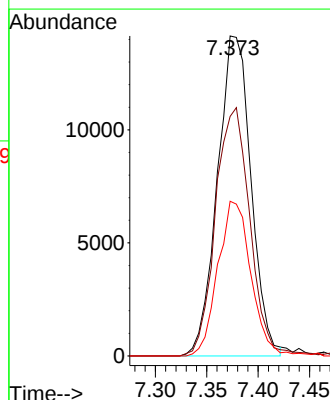
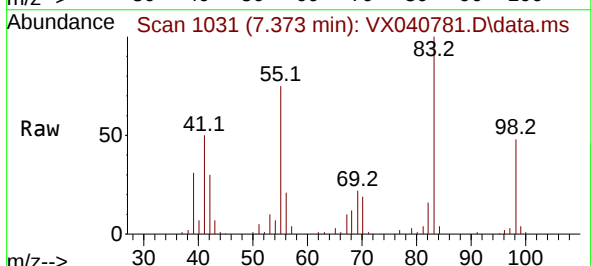
Tgt Ion: 83 Resp: 32144

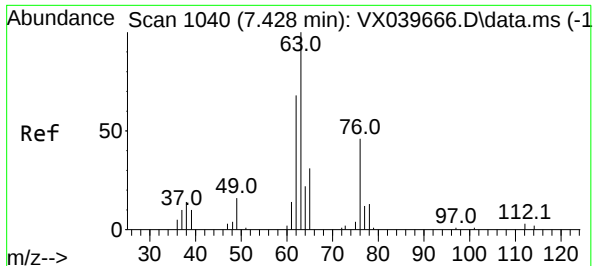
Ion Ratio Lower Upper

83 100

55 79.7 38.6 116.0

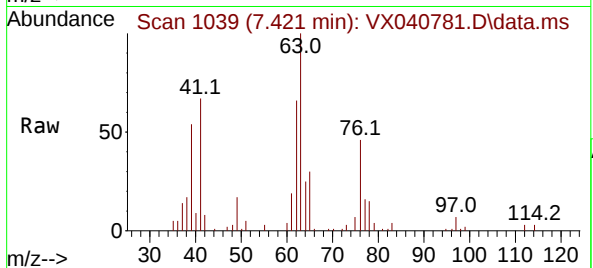
98 47.5 22.3 66.8





#39
1,2-Dichloropropane
Concen: 19.722 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

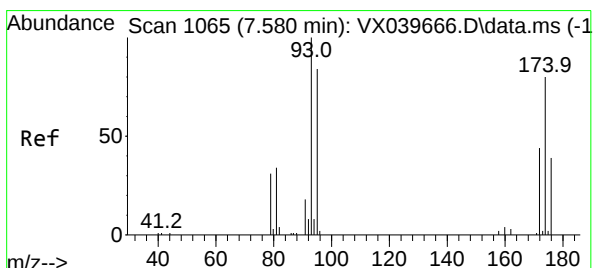
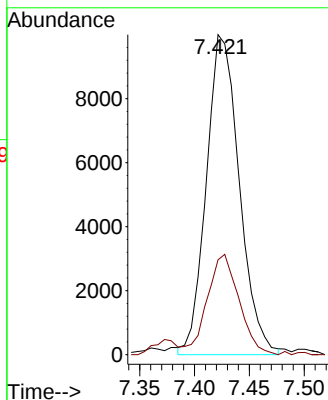
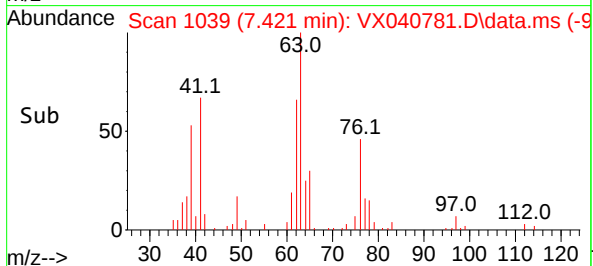
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 20920
Ion Ratio Lower Upper
63 100
65 30.2 24.6 37.0

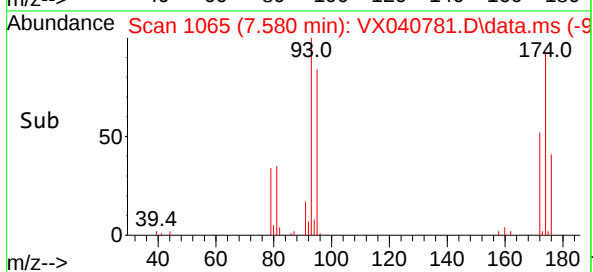
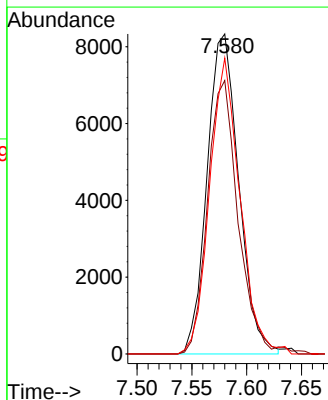
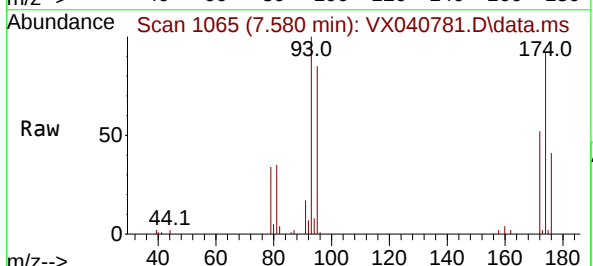
Manual Integrations
APPROVED

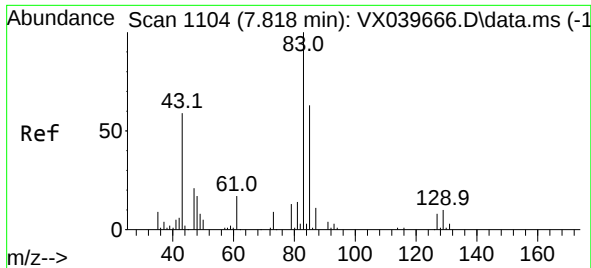
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#40
Dibromomethane
Concen: 20.119 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 93 Resp: 16770
Ion Ratio Lower Upper
93 100
95 81.7 0.0 163.4
174 88.1 0.0 166.4





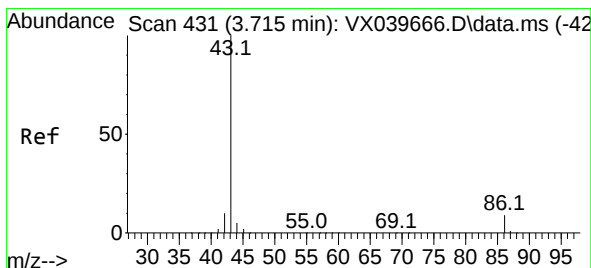
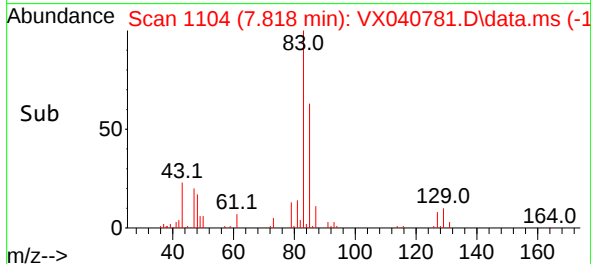
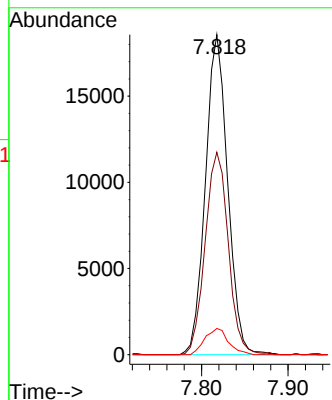
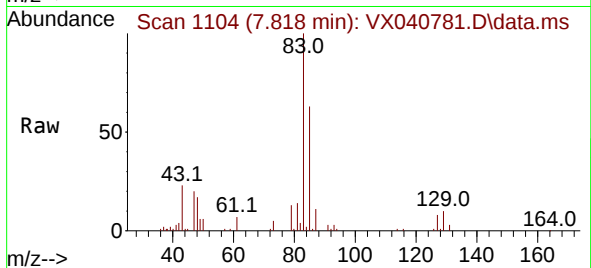
#41
Bromodichloromethane
Concen: 19.991 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 33150
Ion Ratio Lower Upper
83 100
85 63.2 50.8 76.2
127 8.2 5.9 8.9

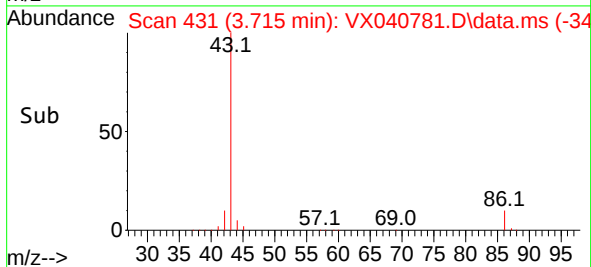
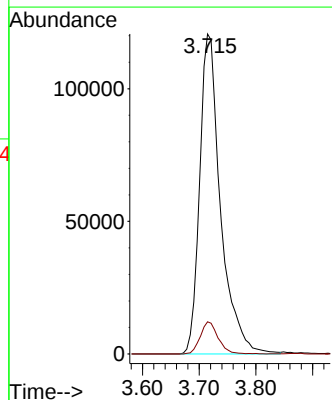
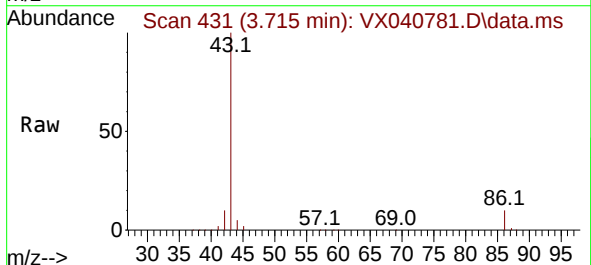
Manual Integrations
APPROVED

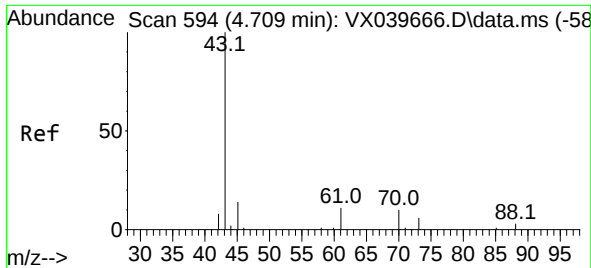
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#42
Vinyl Acetate
Concen: 95.126 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

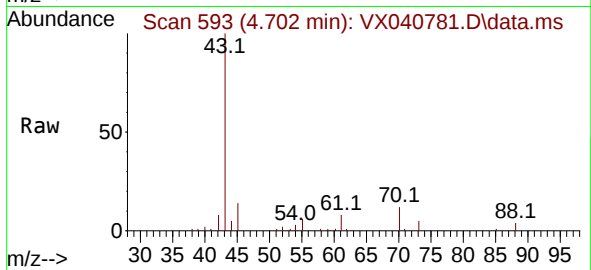
Tgt Ion: 43 Resp: 308517
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 18.883 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

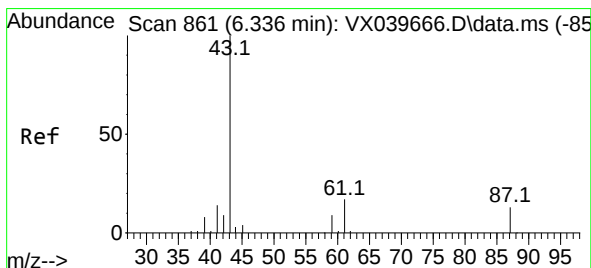
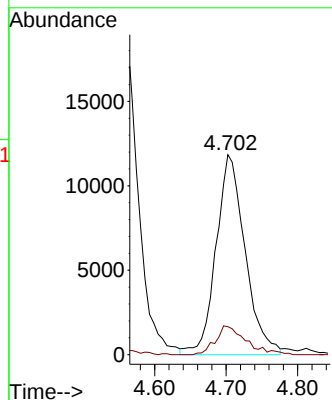
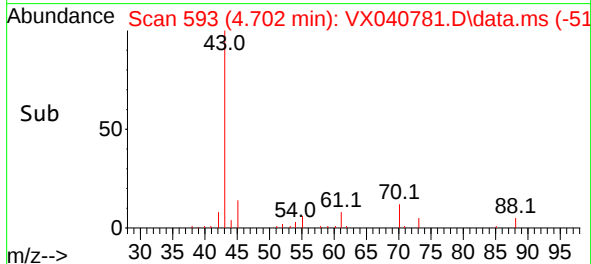
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 33499
Ion Ratio Lower Upper
43 100
45 13.7 11.8 17.8

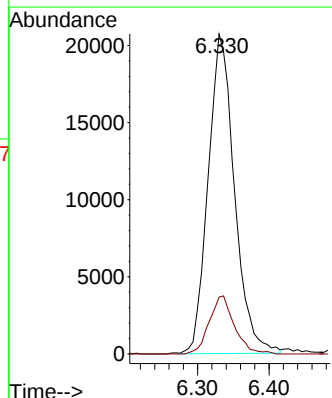
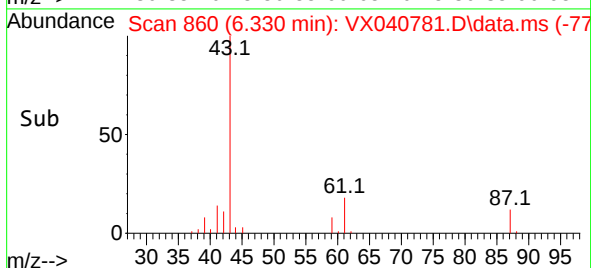
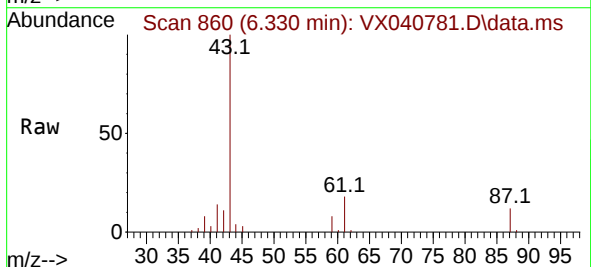
Manual Integrations
APPROVED

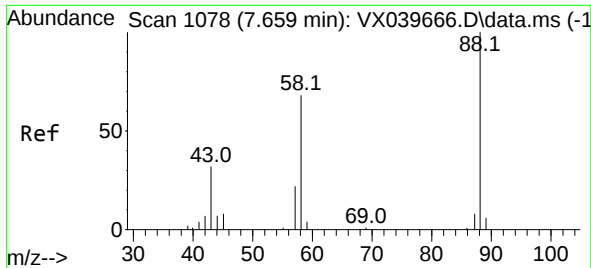
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#44
Isopropyl Acetate
Concen: 18.706 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 43 Resp: 52972
Ion Ratio Lower Upper
43 100
61 17.2 15.6 23.4





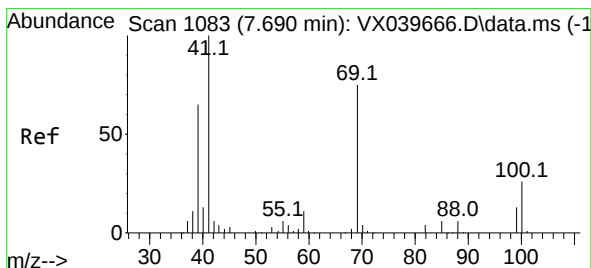
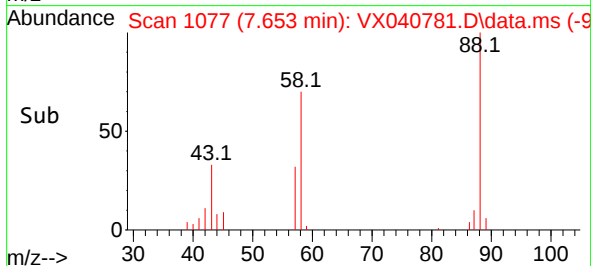
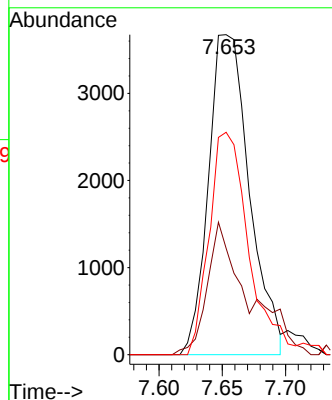
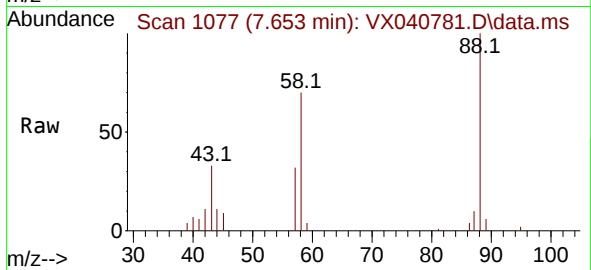
#45
1,4-Dioxane
Concen: 284.550 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 828
Ion Ratio Lower Upper
88 100
43 30.1 28.1 42.1
58 66.8 57.7 86.5

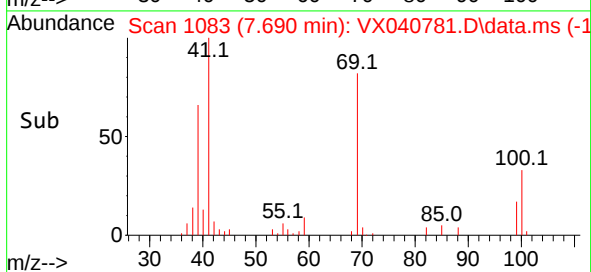
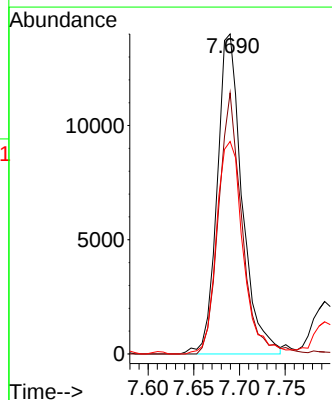
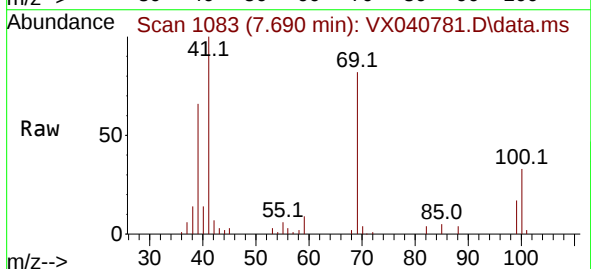
Manual Integrations
APPROVED

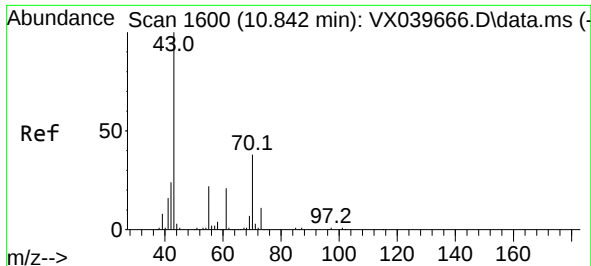
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#46
Methyl methacrylate
Concen: 18.880 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

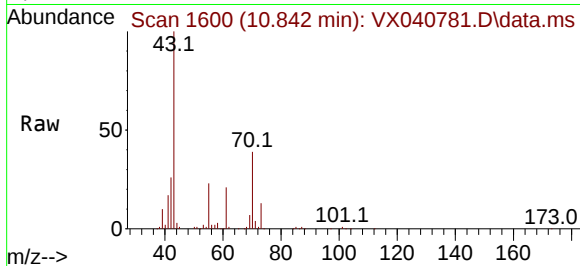
Tgt Ion: 41 Resp: 26555
Ion Ratio Lower Upper
41 100
69 81.6 39.6 118.8
39 66.4 30.1 90.3





#47
n-amyl acetate
Concen: 18.765 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

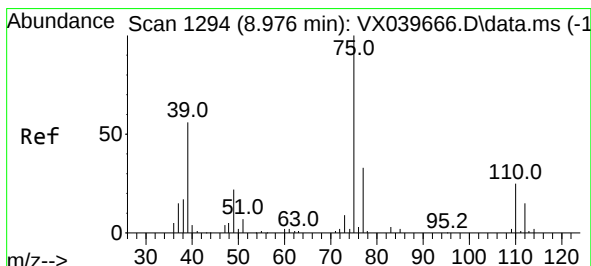
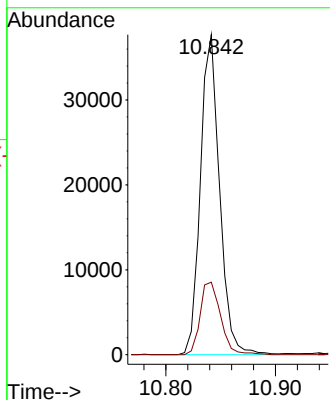
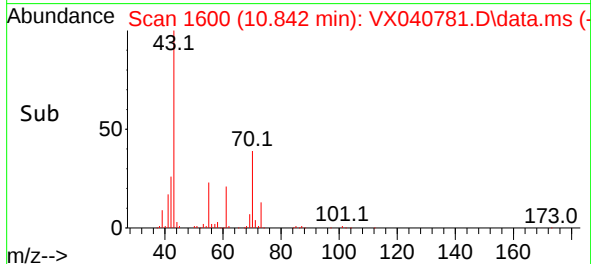
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 45799
Ion Ratio Lower Upper
43 100
55 24.2 18.2 27.2

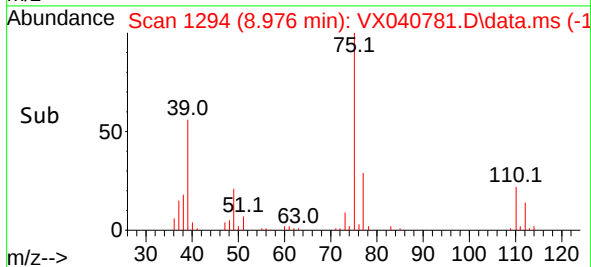
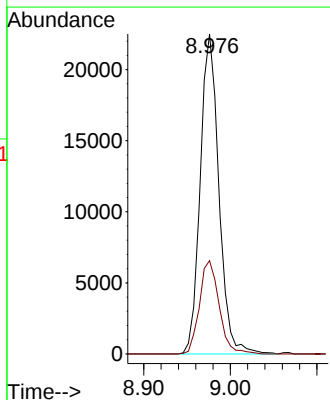
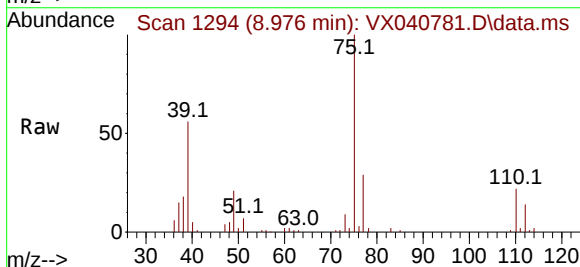
Manual Integrations
APPROVED

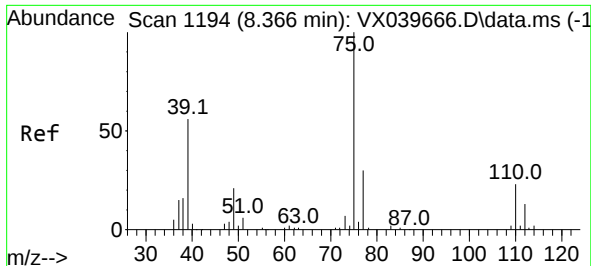
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#48
t-1,3-Dichloropropene
Concen: 19.201 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 75 Resp: 33653
Ion Ratio Lower Upper
75 100
77 29.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.805 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3536

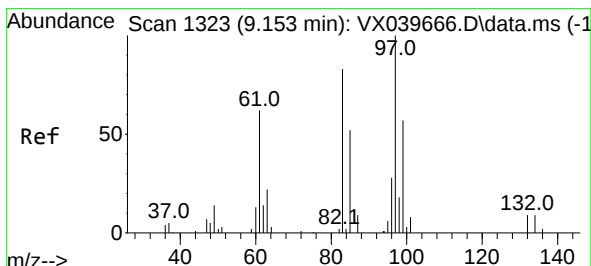
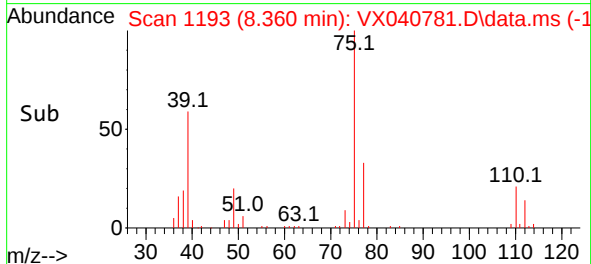
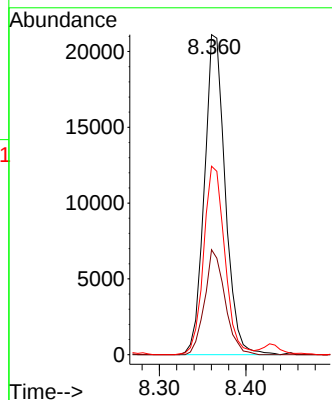
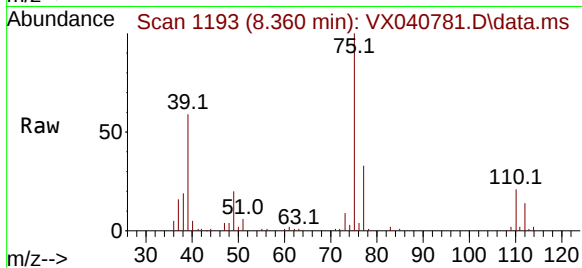
Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.4	36.6
39	58.6	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#50

1,1,2-Trichloroethane

Concen: 19.368 ug/l

RT: 9.147 min Scan# 1322

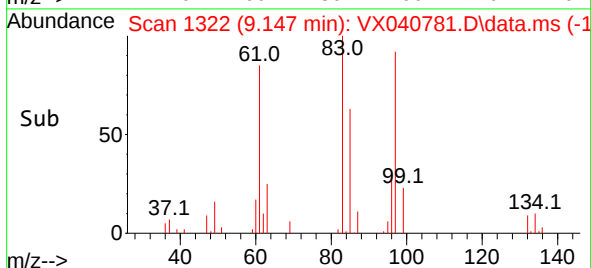
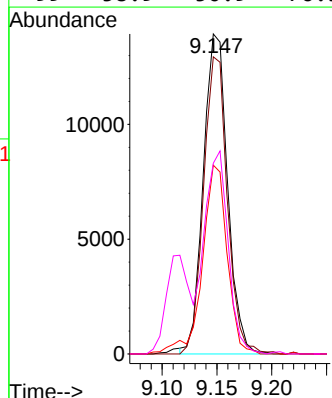
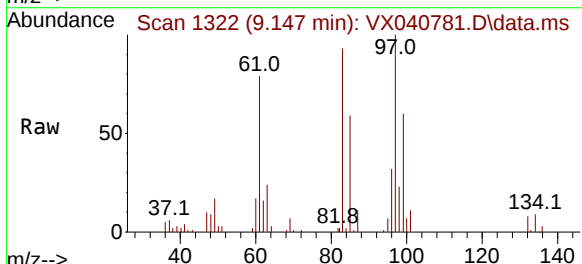
Delta R.T. -0.006 min

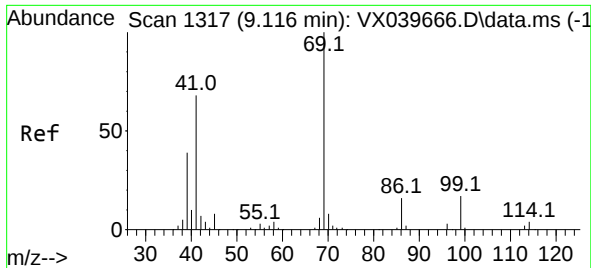
Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Tgt Ion: 97 Resp: 21444

Ion	Ratio	Lower	Upper
97	100		
83	92.8	69.0	103.6
85	59.0	46.3	69.5
99	58.9	50.9	76.3





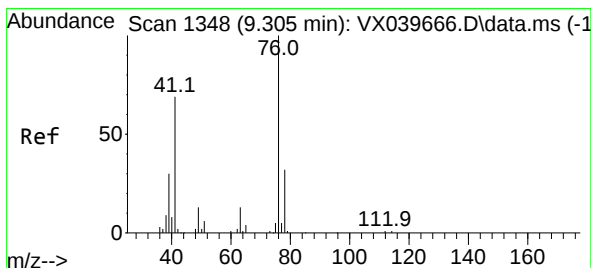
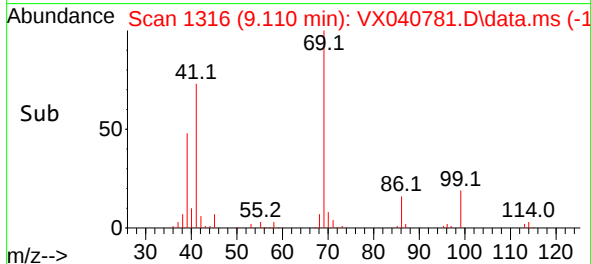
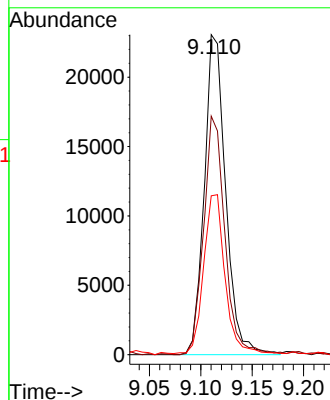
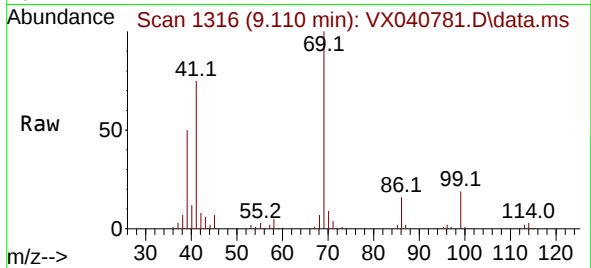
#51
Ethyl methacrylate
Concen: 19.178 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 33429
Ion Ratio Lower Upper
69 100
41 74.6 36.2 108.6
39 49.3 21.1 63.4

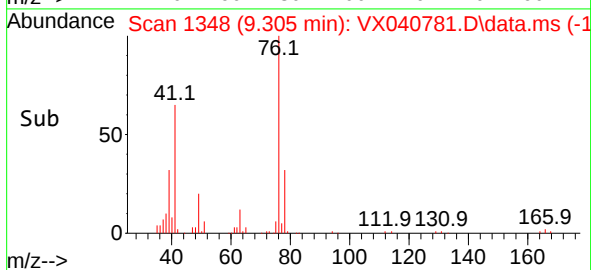
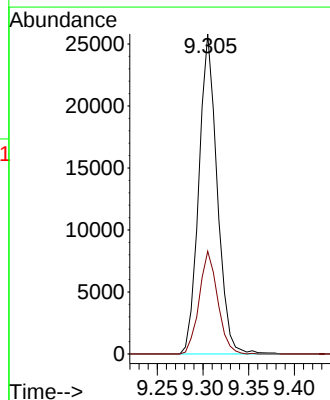
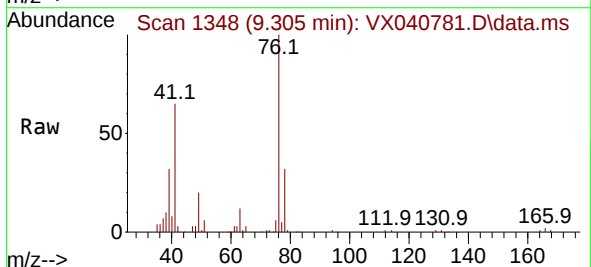
Manual Integrations
APPROVED

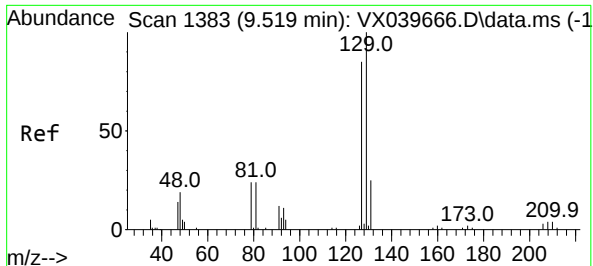
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#52
1,3-Dichloropropane
Concen: 19.060 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

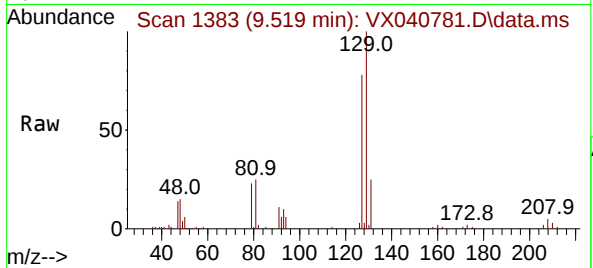
Tgt Ion: 76 Resp: 36009
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 18.054 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

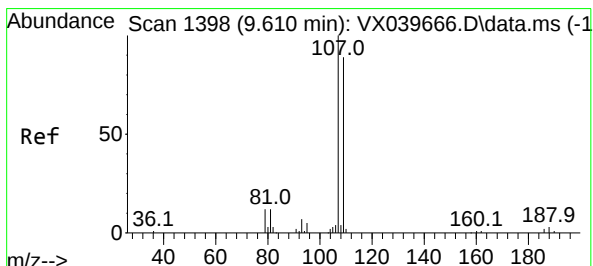
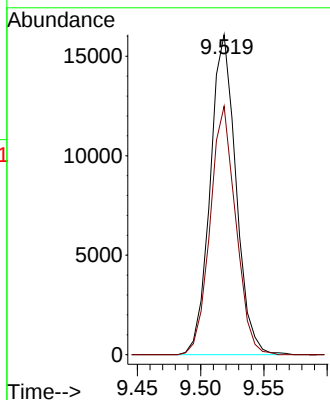
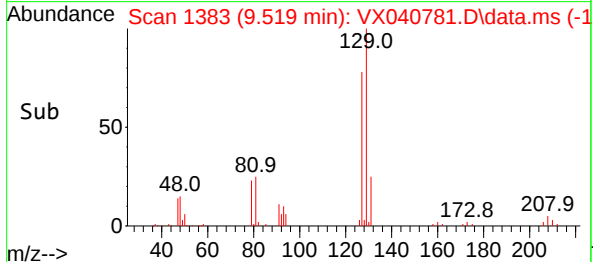
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 22785
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

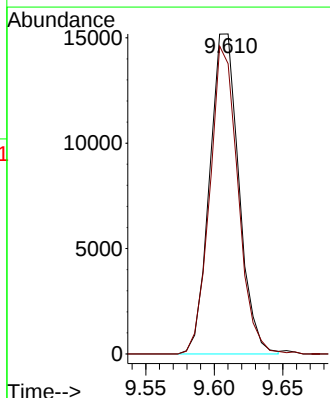
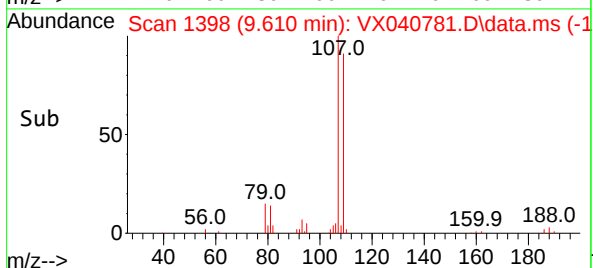
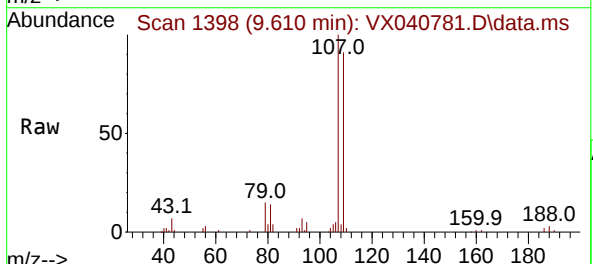
Manual Integrations
APPROVED

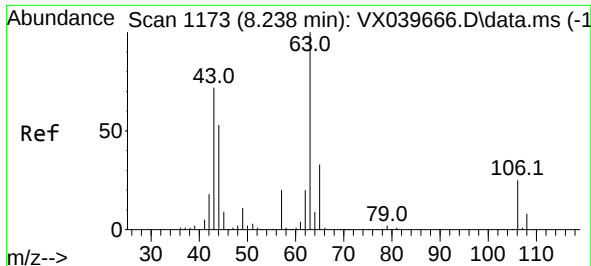
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#54
1,2-Dibromoethane
Concen: 18.435 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion:107 Resp: 22585
Ion Ratio Lower Upper
107 100
109 92.6 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 108.085 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

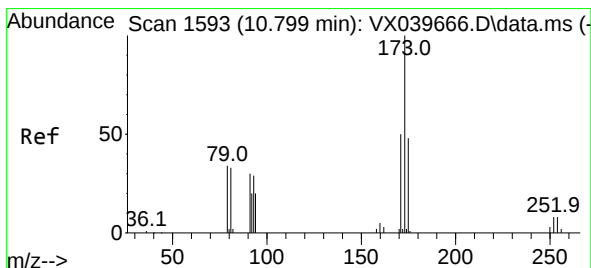
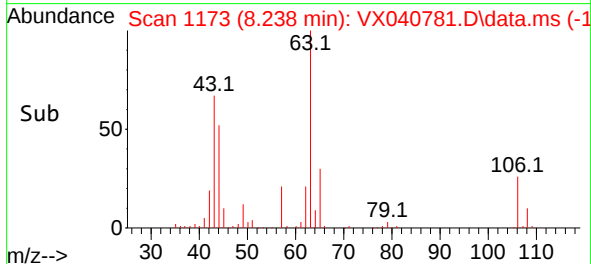
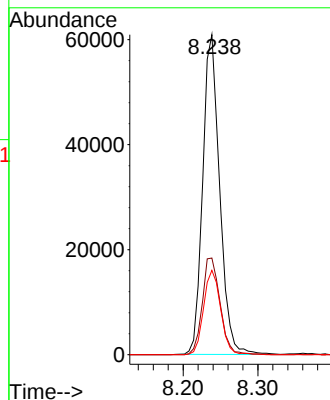
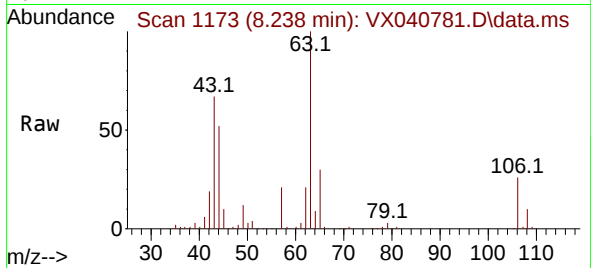
Tgt Ion: 63	Resp: 9594
Ion Ratio	Lower Upper
63 100	
65 31.7	25.8 38.6
106 26.3	20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#56

Bromoform

Concen: 17.434 ug/l

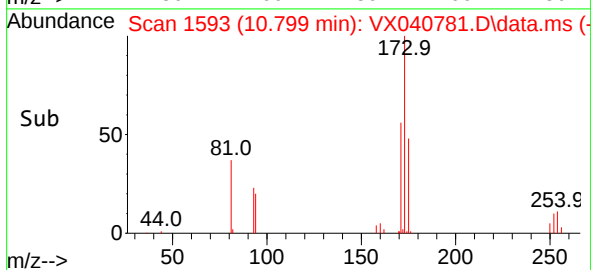
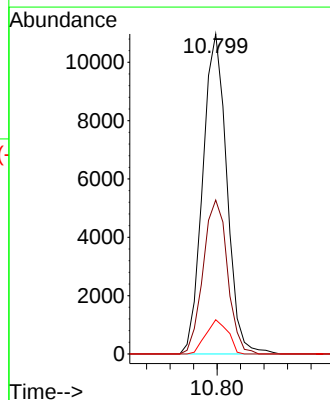
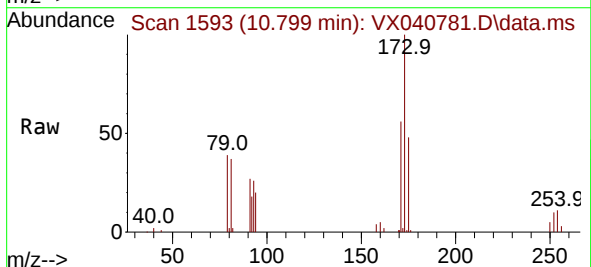
RT: 10.799 min Scan# 1593

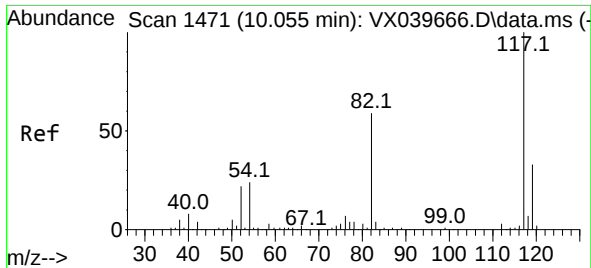
Delta R.T. -0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Tgt Ion: 173	Resp: 15608
Ion Ratio	Lower Upper
173 100	
175 48.6	37.6 56.4
254 9.8	5.8 8.8





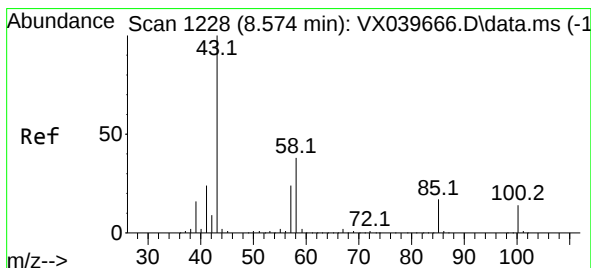
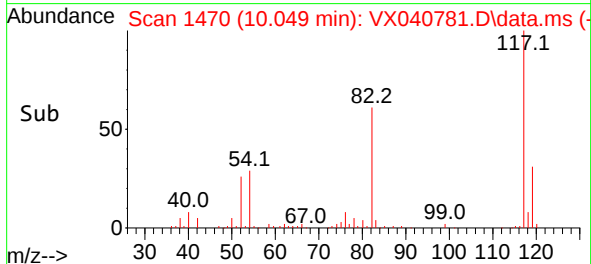
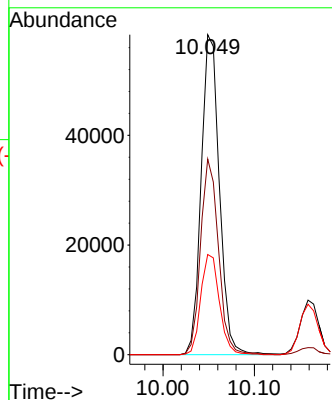
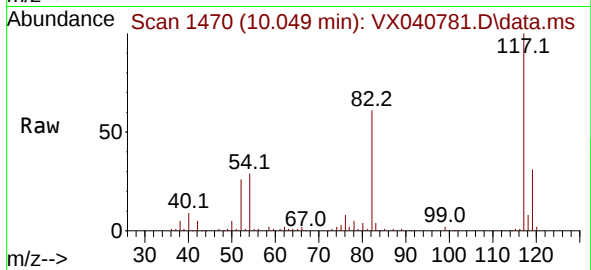
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 80704
Ion Ratio Lower Upper
117 100
82 60.1 47.0 70.6
119 32.1 25.2 37.8

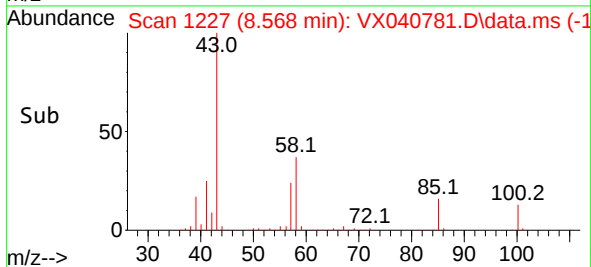
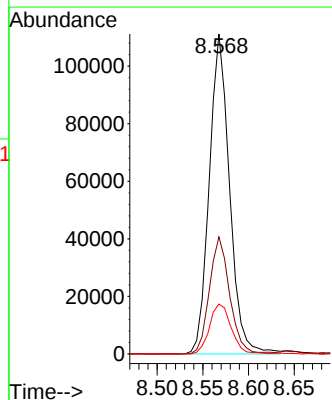
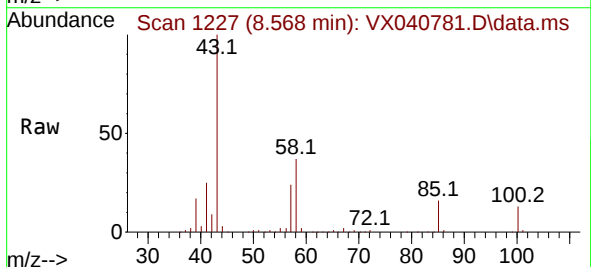
Manual Integrations
APPROVED

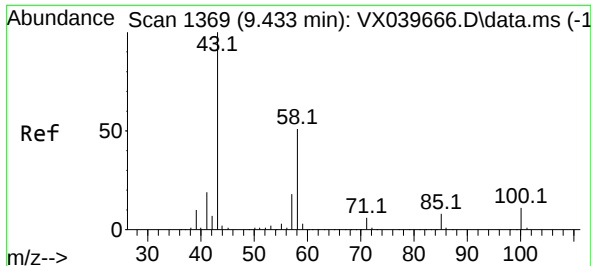
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#58
4-Methyl-2-Pentanone
Concen: 95.377 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

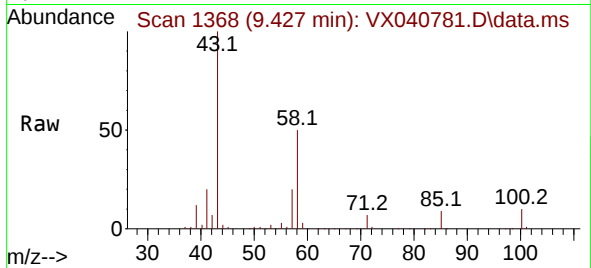
Tgt Ion: 43 Resp: 171400
Ion Ratio Lower Upper
43 100
58 36.2 30.1 45.1
85 16.7 13.9 20.9





#59
2-Hexanone
Concen: 88.781 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

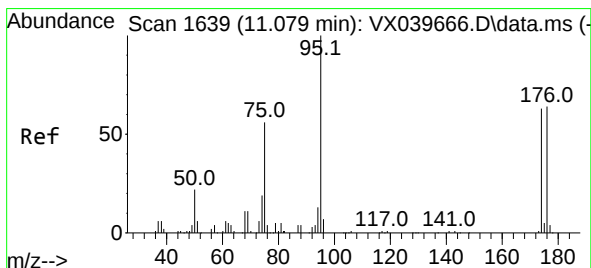
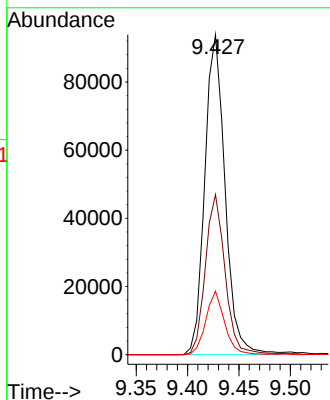
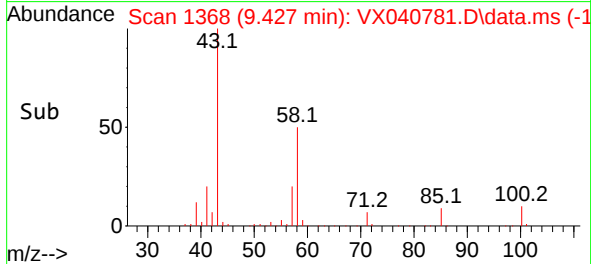
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 12887
Ion Ratio Lower Upper
43 100
58 48.9 42.7 64.1
57 18.4 14.8 22.2

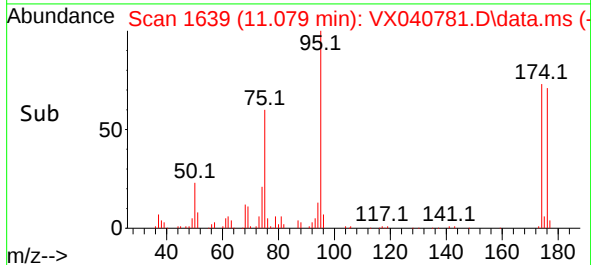
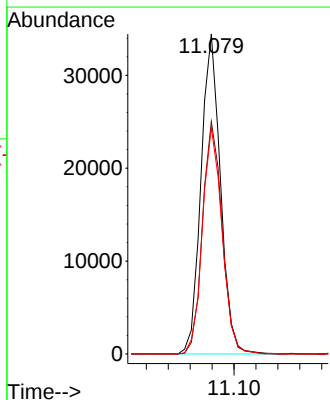
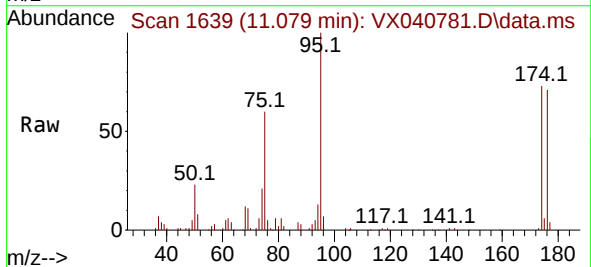
Manual Integrations
APPROVED

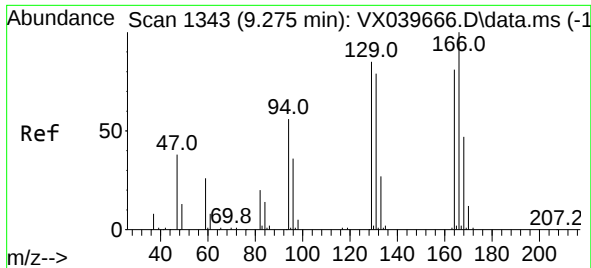
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#60
4-Bromofluorobenzene
Concen: 30.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

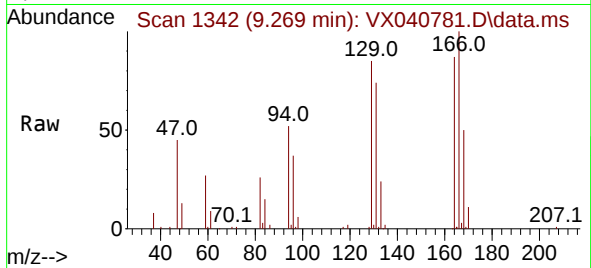
Tgt Ion: 95 Resp: 42354
Ion Ratio Lower Upper
95 100
174 73.4 55.4 83.2
176 71.6 52.6 78.8





#61
Tetrachloroethene
Concen: 18.558 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

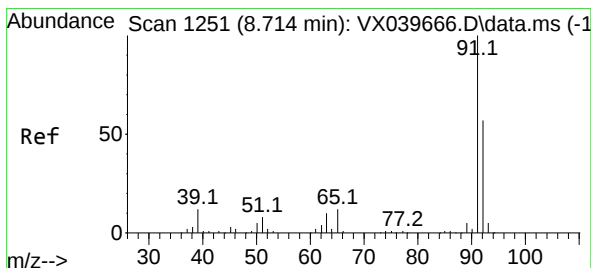
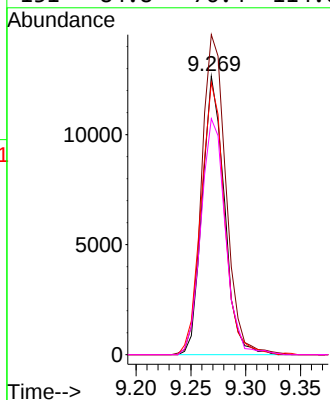
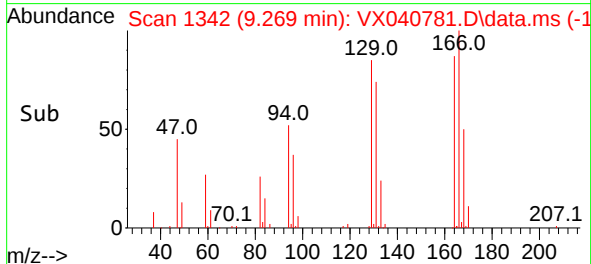
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 17770
Ion Ratio Lower Upper
164 100
166 114.4 104.0 156.0
129 97.7 82.0 123.0
131 84.8 76.4 114.6

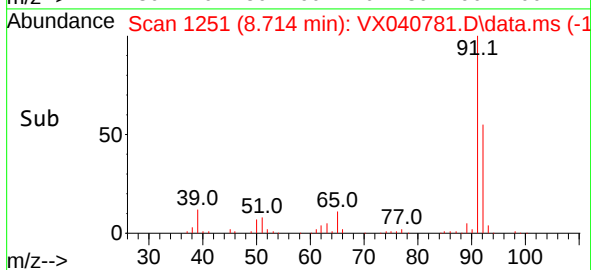
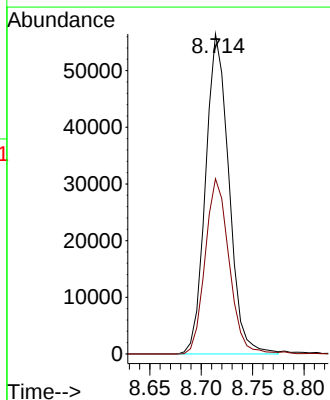
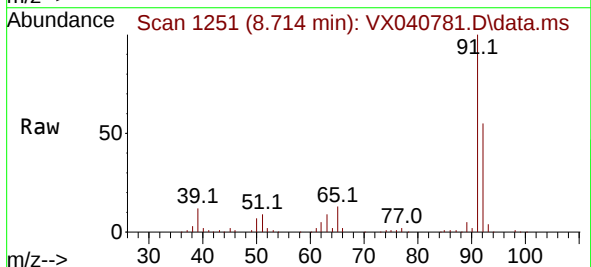
Manual Integrations
APPROVED

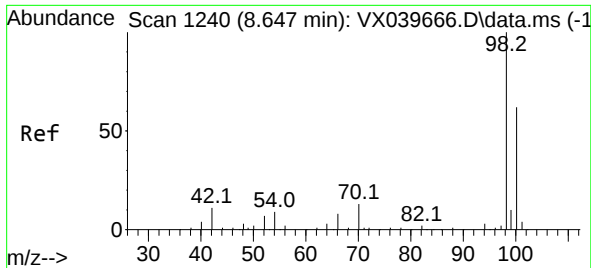
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#62
Toluene
Concen: 20.061 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 91 Resp: 89168
Ion Ratio Lower Upper
91 100
92 56.1 45.9 68.9





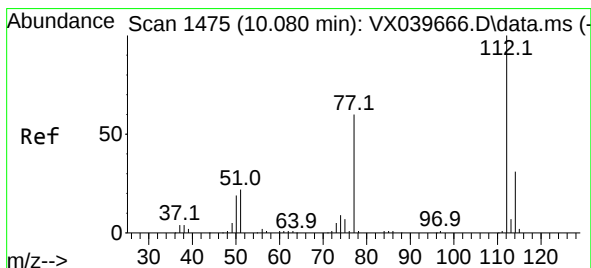
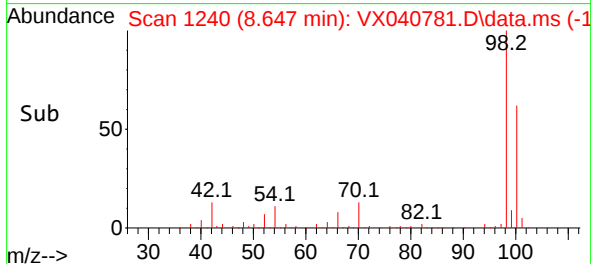
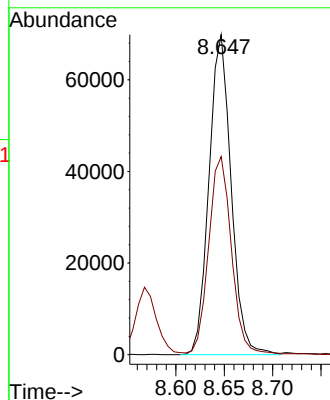
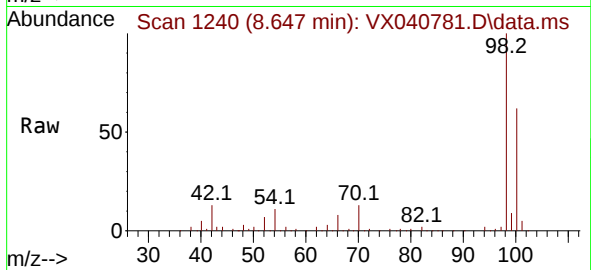
#63
Toluene-d8
Concen: 31.174 ug/l
RT: 8.647 min Scan# 11118
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 11118
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

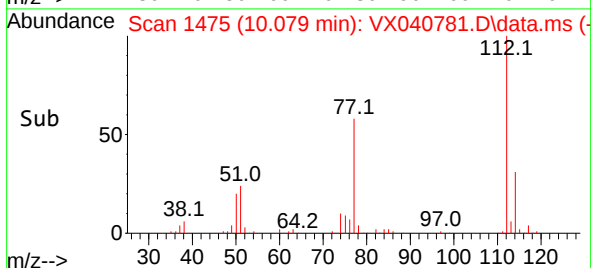
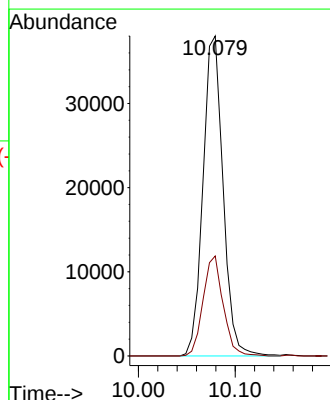
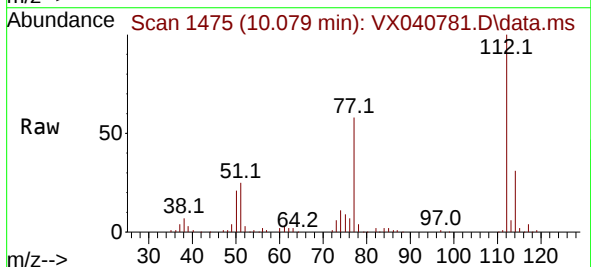
Manual Integrations
APPROVED

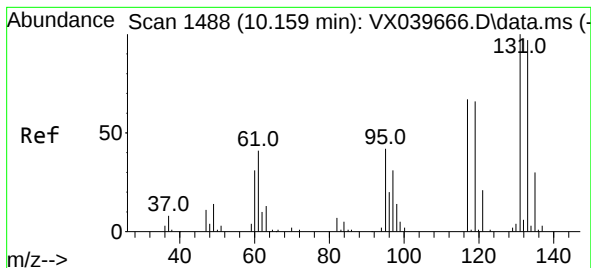
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#64
Chlorobenzene
Concen: 20.265 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion:112 Resp: 55052
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





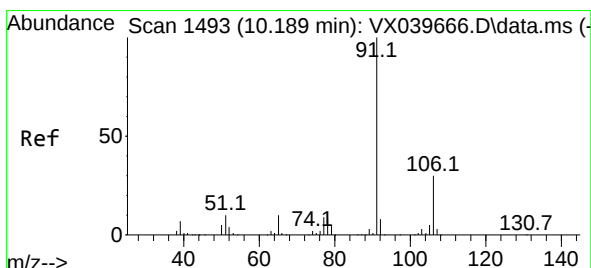
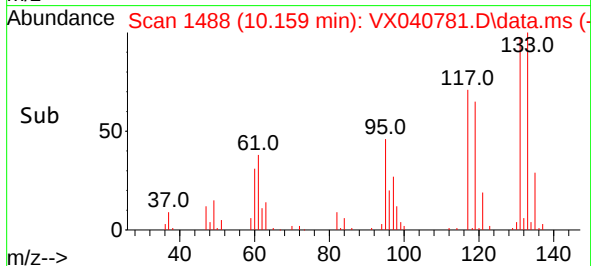
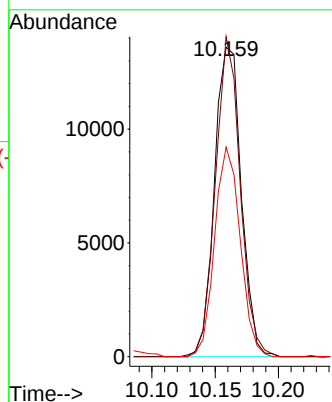
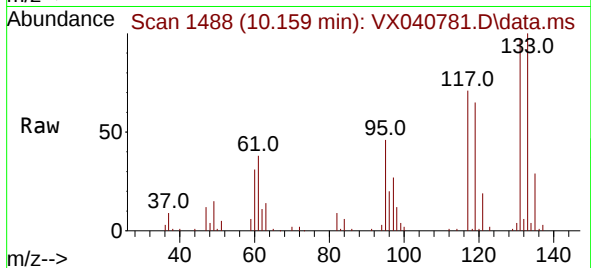
#65
1,1,1,2-Tetrachloroethane
Concen: 19.321 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 20020
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.8
119 64.7 0.0 135.4

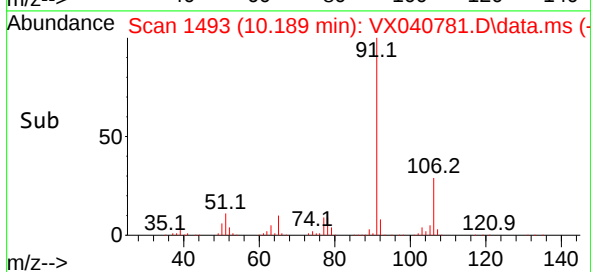
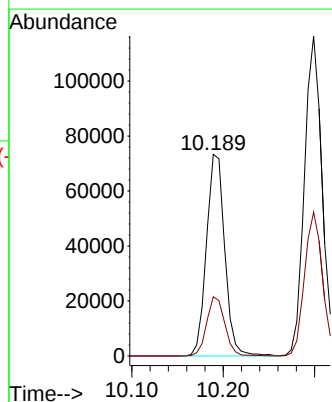
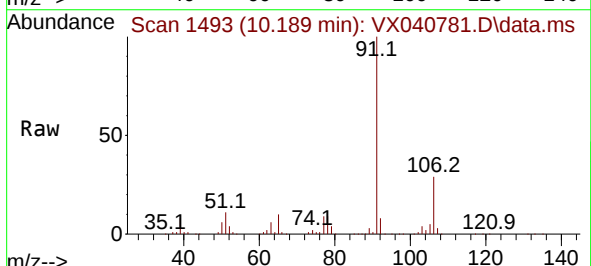
Manual Integrations
APPROVED

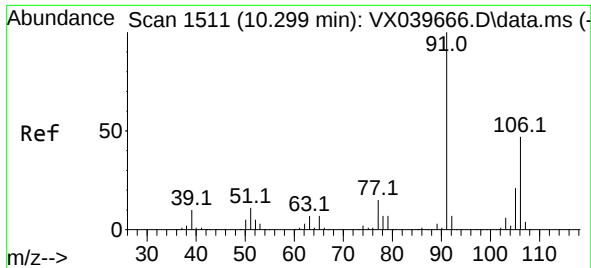
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#66
Ethyl Benzene
Concen: 19.904 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 91 Resp: 102006
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6





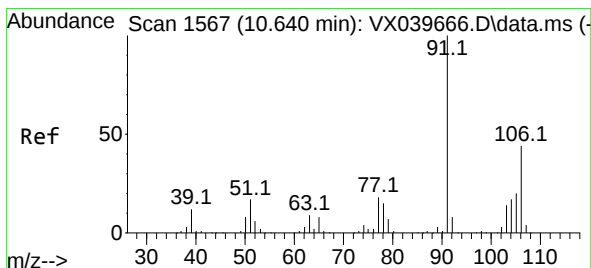
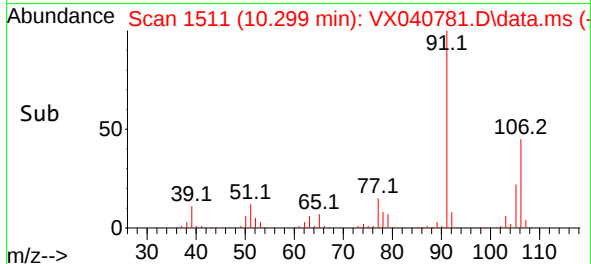
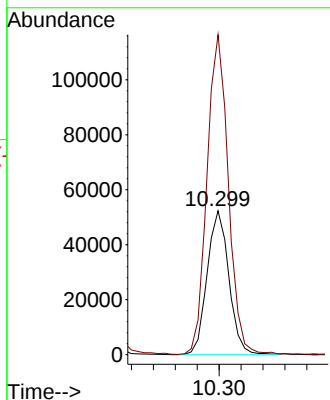
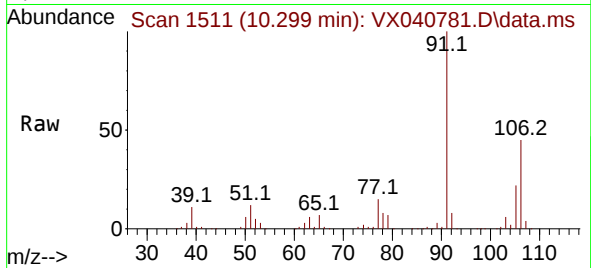
#67
m/p-Xylenes
Concen: 38.164 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 72225
Ion Ratio Lower Upper
106 100
91 217.6 169.4 254.0

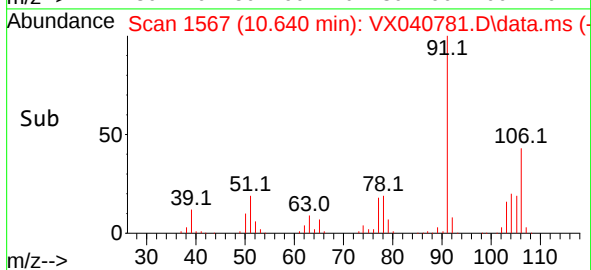
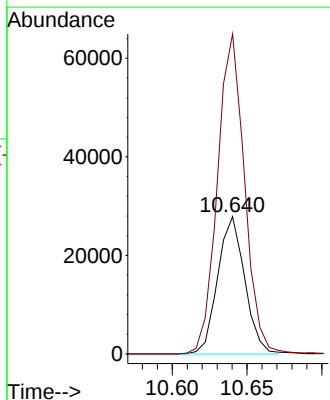
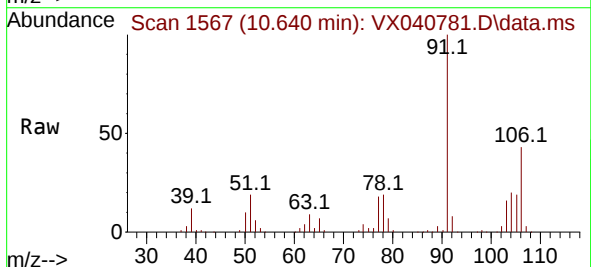
Manual Integrations
APPROVED

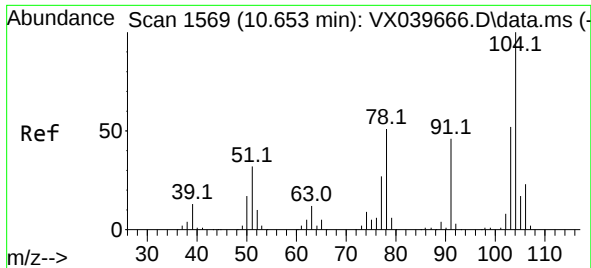
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#68
o-Xylene
Concen: 19.256 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

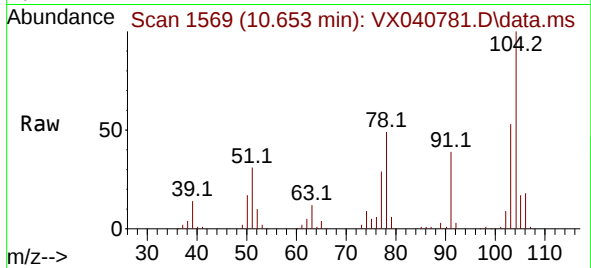
Tgt Ion:106 Resp: 35081
Ion Ratio Lower Upper
106 100
91 233.8 111.2 333.6





#69
Styrene
Concen: 19.388 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

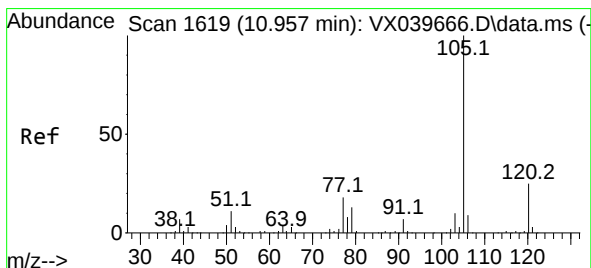
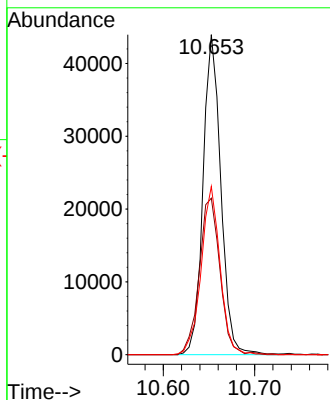
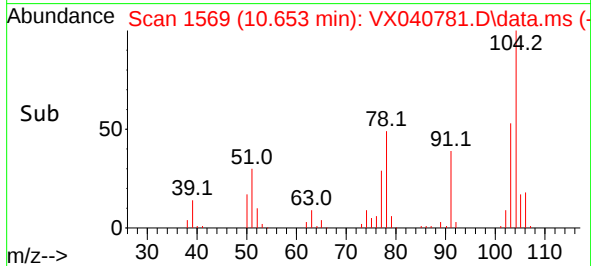
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



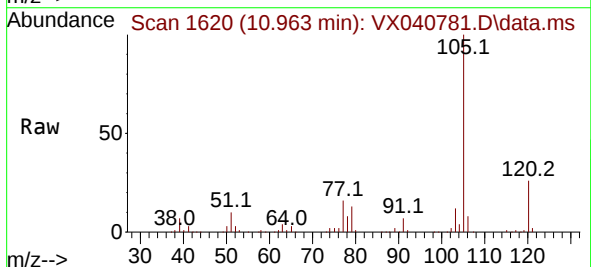
Tgt Ion:104 Resp: 59340
Ion Ratio Lower Upper
104 100
78 56.7 43.7 65.5
103 55.9 44.6 67.0

Manual Integrations
APPROVED

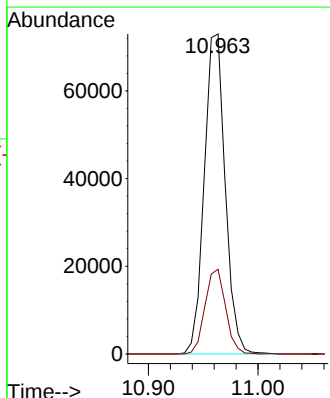
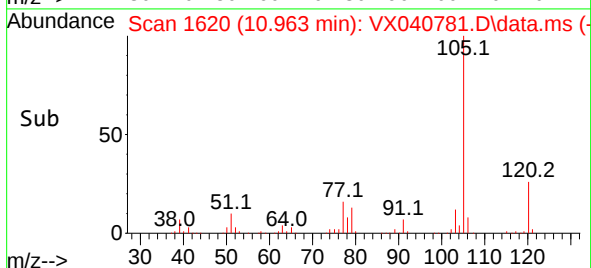
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

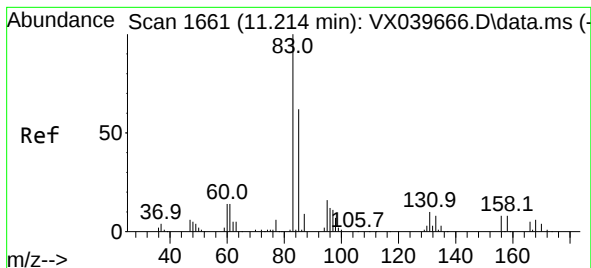


#70
Isopropylbenzene
Concen: 19.695 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50



Tgt Ion:105 Resp: 96954
Ion Ratio Lower Upper
105 100
120 26.0 18.5 34.3





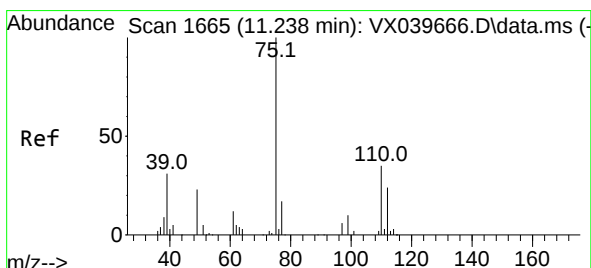
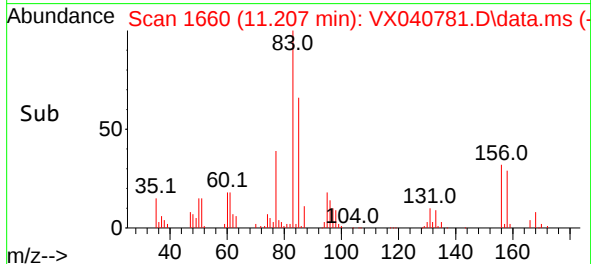
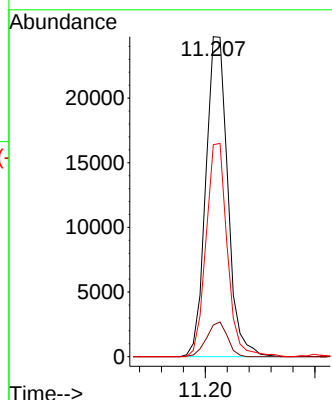
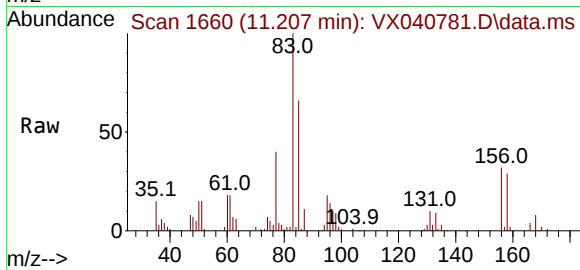
#71
1,1,2,2-Tetrachloroethane
Concen: 19.917 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 34372
Ion Ratio Lower Upper
83 100
131 10.3 4.6 13.8
85 64.4 32.5 97.4

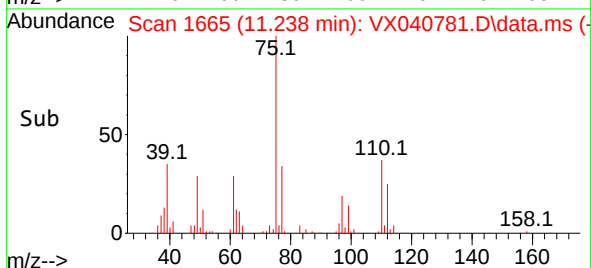
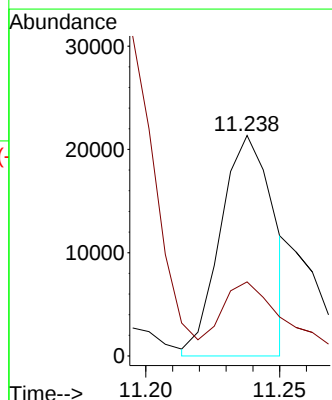
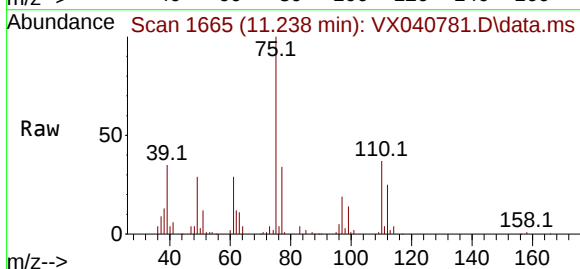
Manual Integrations
APPROVED

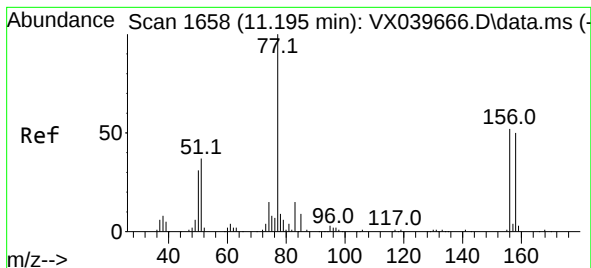
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#72
1,2,3-Trichloropropane
Concen: 18.844 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion: 75 Resp: 29261
Ion Ratio Lower Upper
75 100
77 40.5 0.0 76.4





#73

Bromobenzene

Concen: 19.882 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

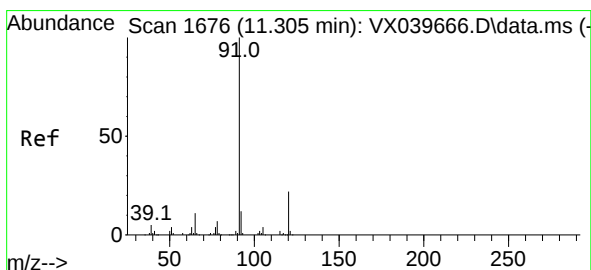
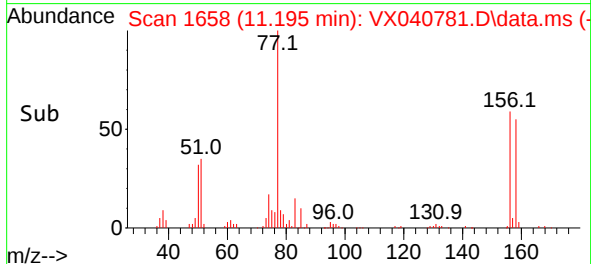
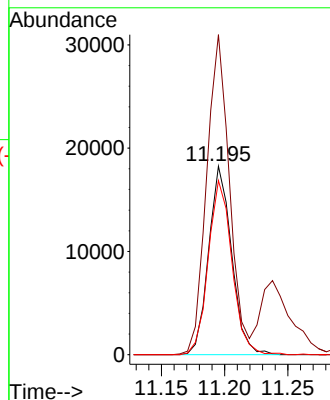
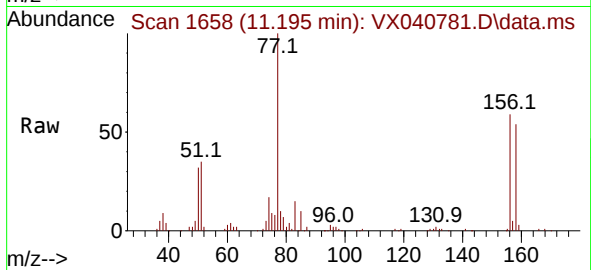
Tgt Ion:	156	Resp:	23170
Ion Ratio	Lower	Upper	
156	100		
77	167.7	0.0	363.2
158	94.4	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#74

n-propylbenzene

Concen: 20.233 ug/l

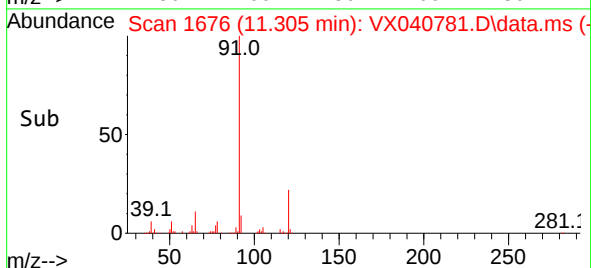
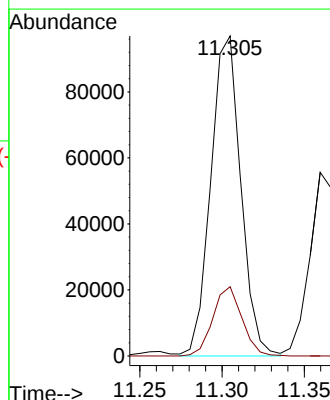
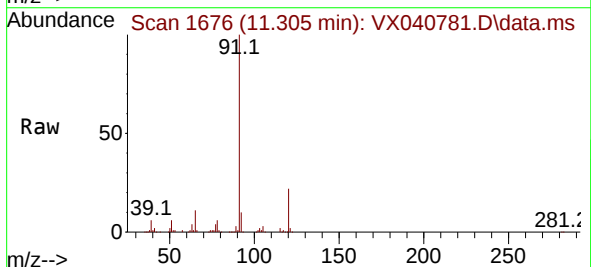
RT: 11.305 min Scan# 1676

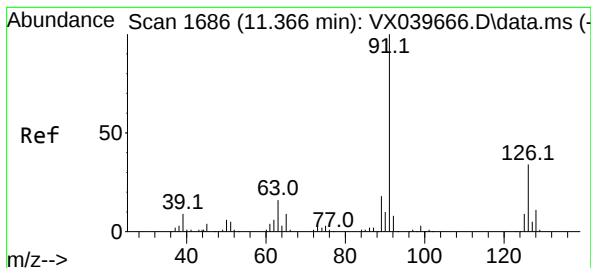
Delta R.T. -0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Tgt Ion:	91	Resp:	123014
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	43.4





#75

2-Chlorotoluene

Concen: 19.524 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 7044

Ion Ratio Lower Upper

91 100

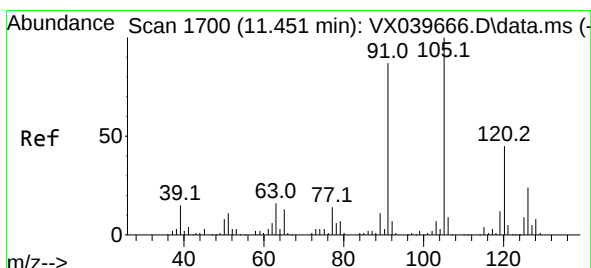
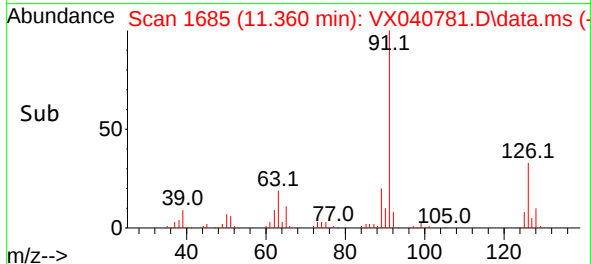
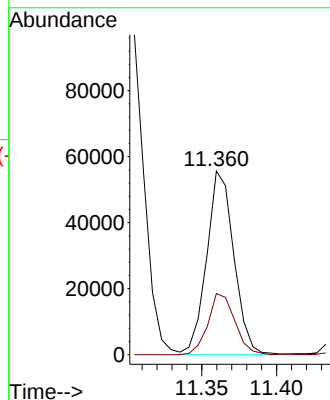
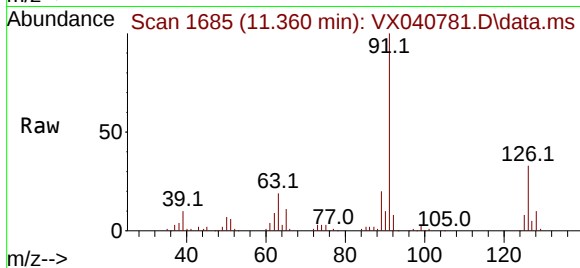
126 32.8 0.0 64.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.638 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040781.D

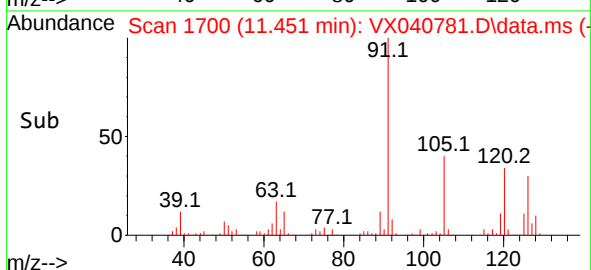
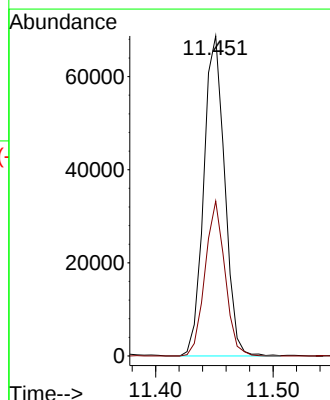
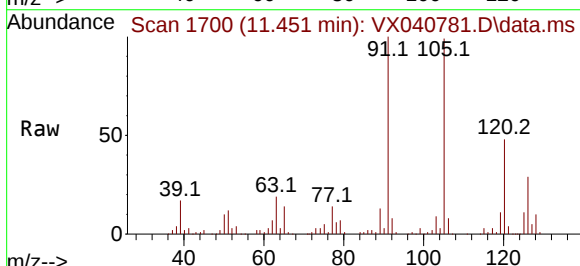
Acq: 22 Mar 2024 15:50

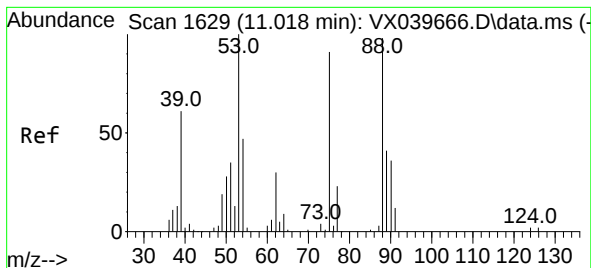
Tgt Ion:105 Resp: 85109

Ion Ratio Lower Upper

105 100

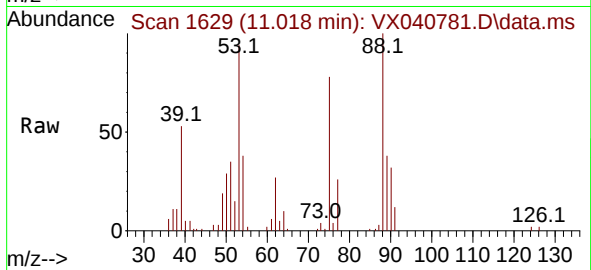
120 46.0 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.634 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

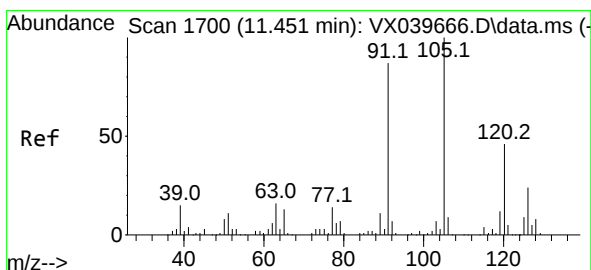
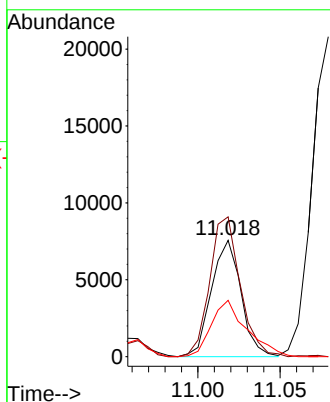
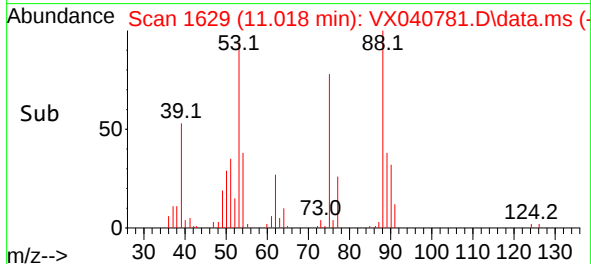
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 9475
Ion Ratio Lower Upper
75 100
53 120.1 46.9 140.8
89 48.3 21.3 63.7

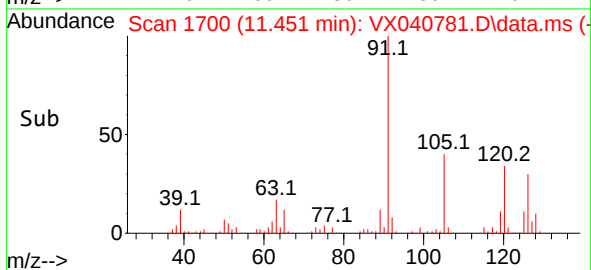
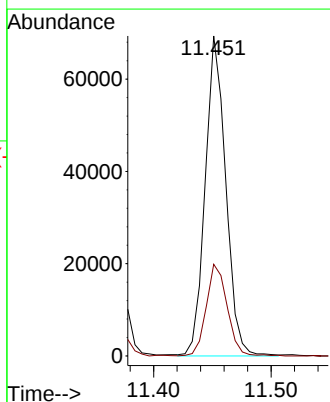
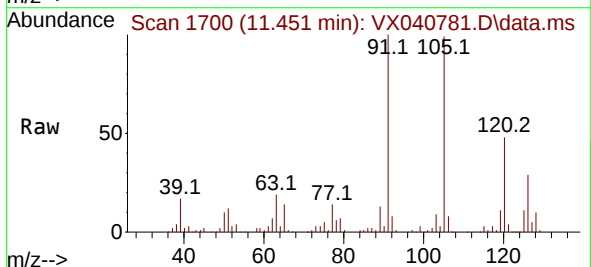
Manual Integrations
APPROVED

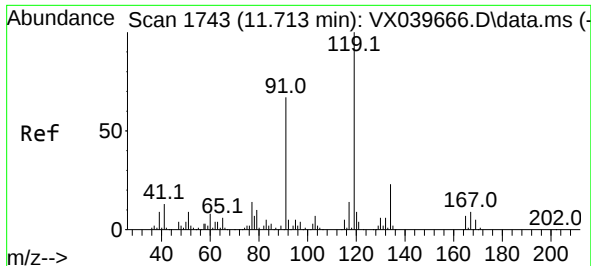
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#78
4-Chlorotoluene
Concen: 19.612 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

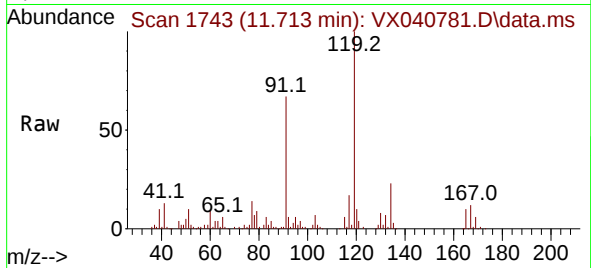
Tgt Ion: 91 Resp: 84413
Ion Ratio Lower Upper
91 100
126 28.9 0.0 57.4





#79
tert-butylbenzene
Concen: 19.531 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

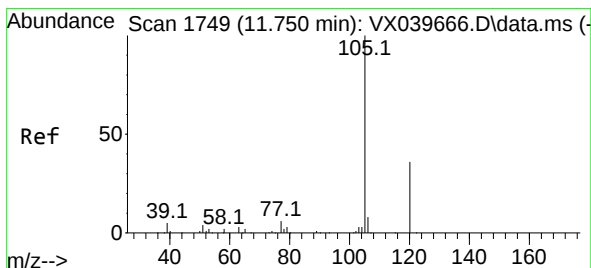
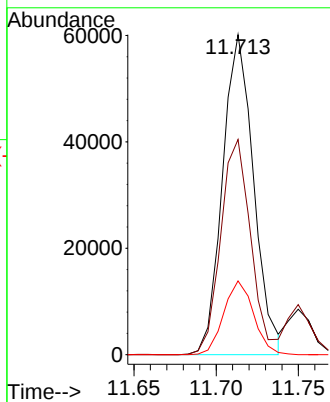
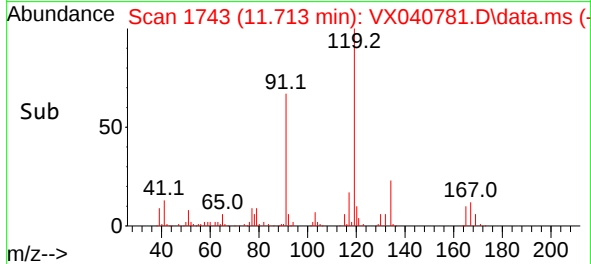
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 79000
Ion Ratio Lower Upper
119 100
91 64.2 0.0 125.6
134 22.1 0.0 43.8

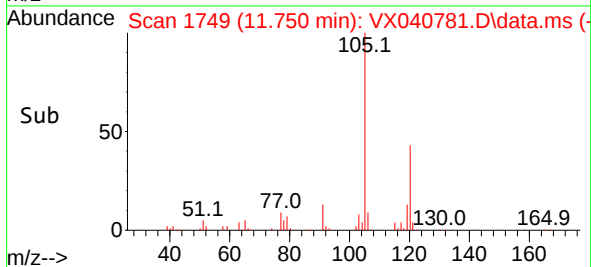
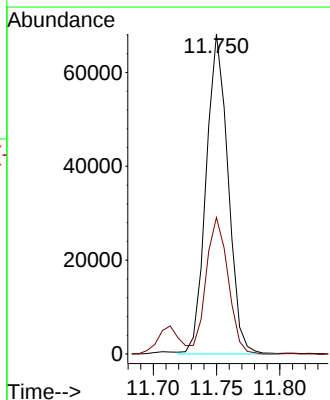
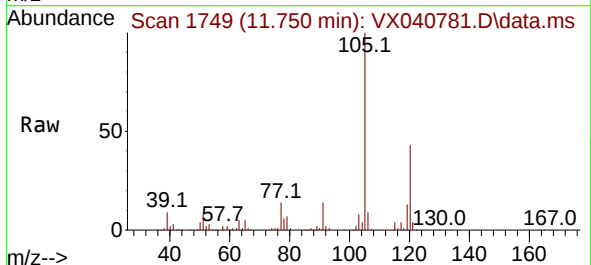
Manual Integrations
APPROVED

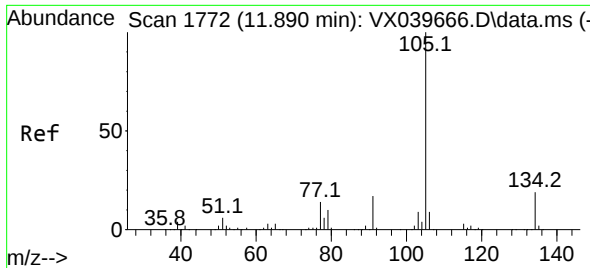
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.244 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

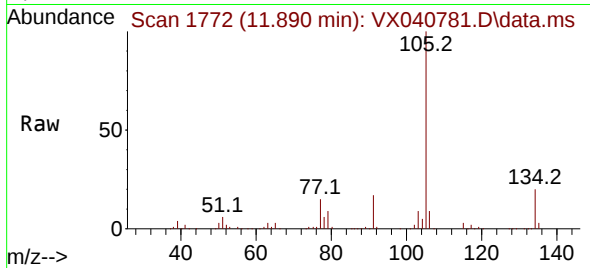
Tgt Ion:105 Resp: 82171
Ion Ratio Lower Upper
105 100
120 43.1 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.013 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

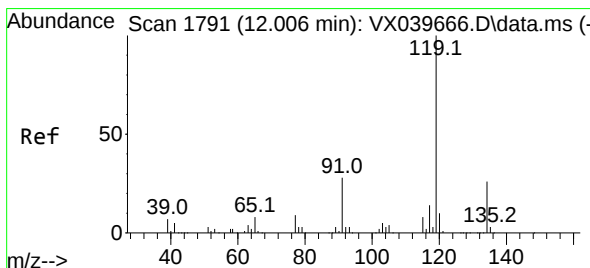
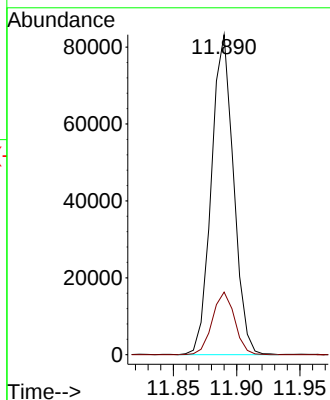
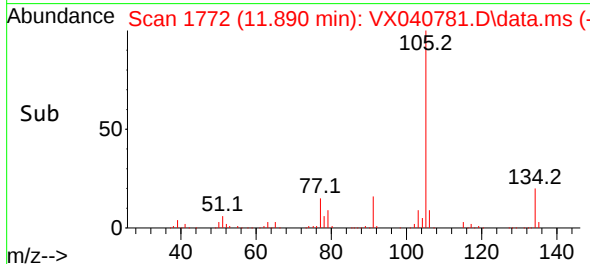
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



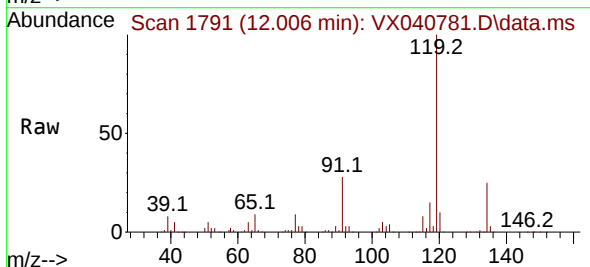
Tgt Ion:105 Resp: 10154
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4

Manual Integrations
 APPROVED

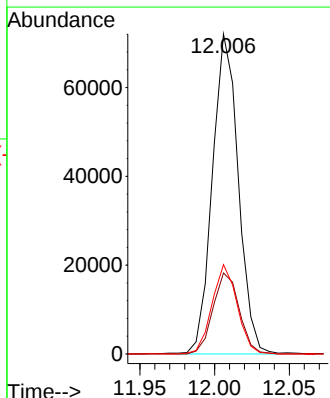
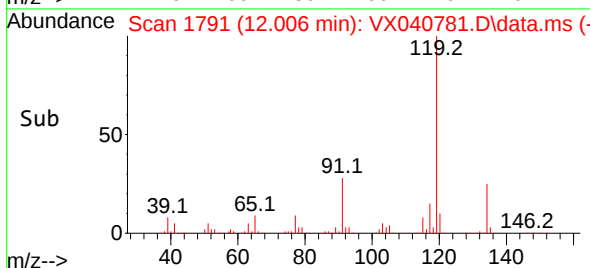
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024

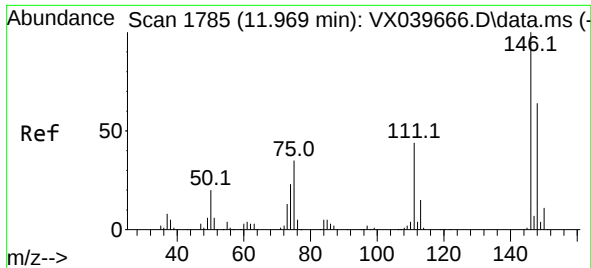


#82
 p-Isopropyltoluene
 Concen: 19.859 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50



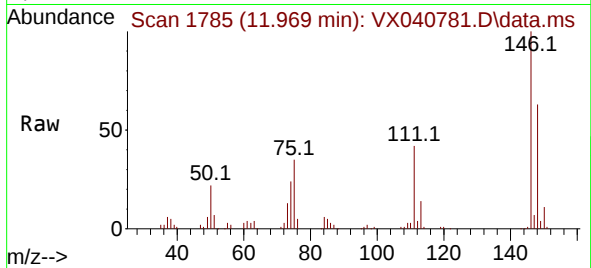
Tgt Ion:119 Resp: 86812
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 27.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 19.551 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

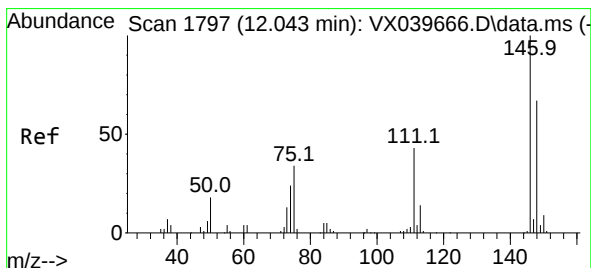
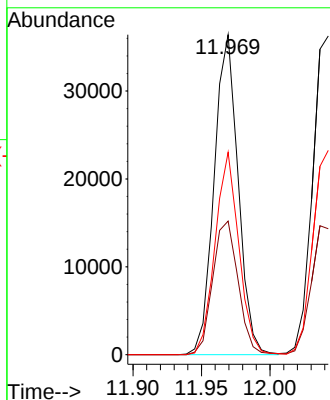
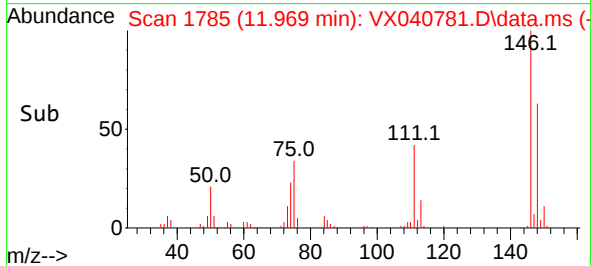
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



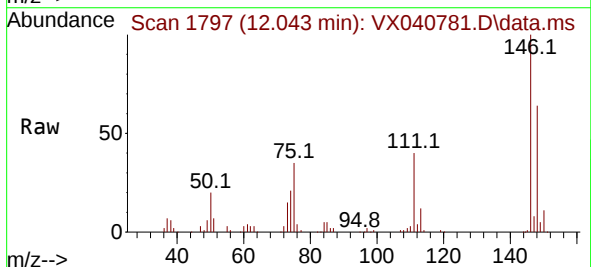
Tgt Ion:146 Resp: 44335
Ion Ratio Lower Upper
146 100
111 44.2 22.3 66.9
148 62.7 32.8 98.3

Manual Integrations
APPROVED

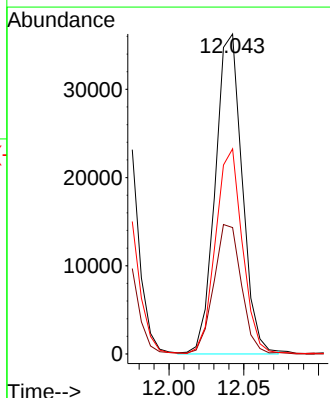
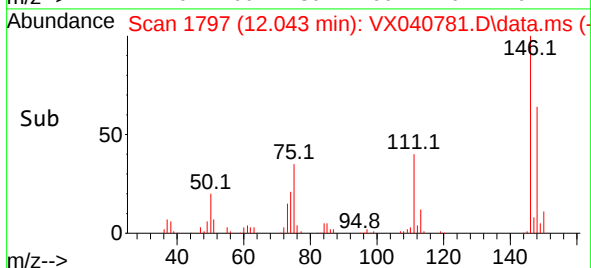
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

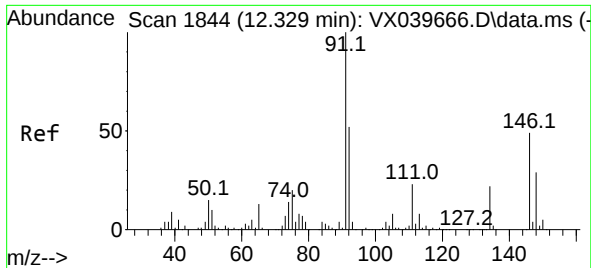


#84
1,4-Dichlorobenzene
Concen: 19.615 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50



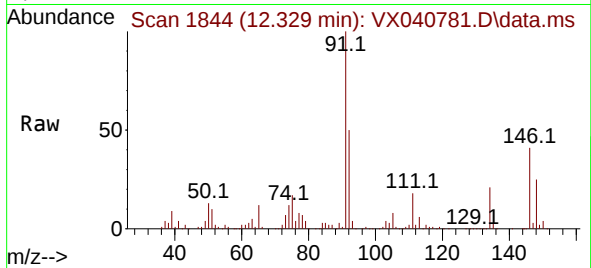
Tgt Ion:146 Resp: 45485
Ion Ratio Lower Upper
146 100
111 41.2 21.4 64.2
148 64.3 31.8 95.4





#85
n-Butylbenzene
Concen: 19.623 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

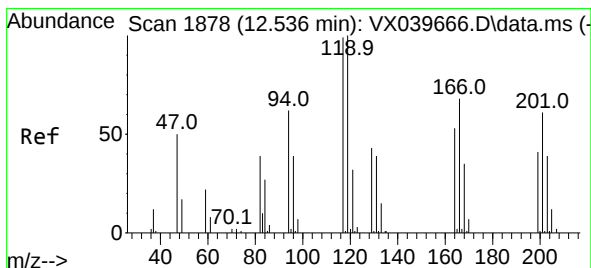
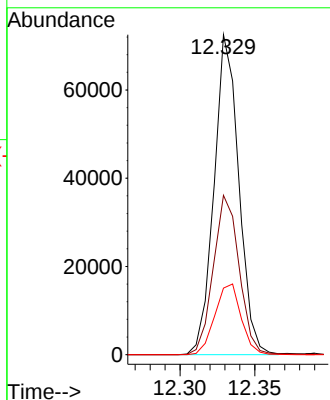
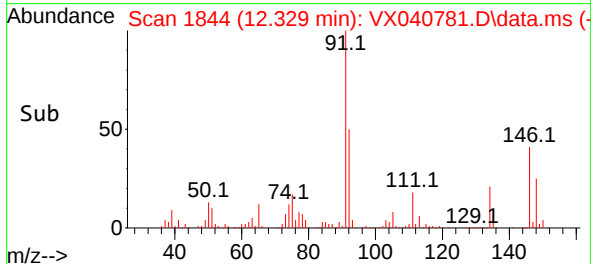
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 83470
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.2
134 23.5 0.0 48.8

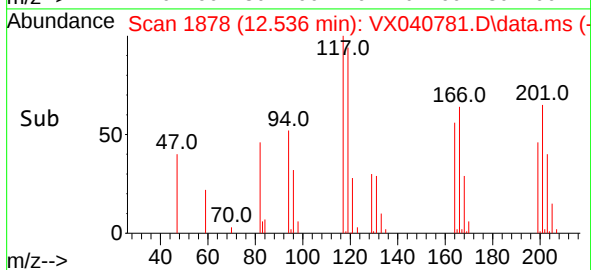
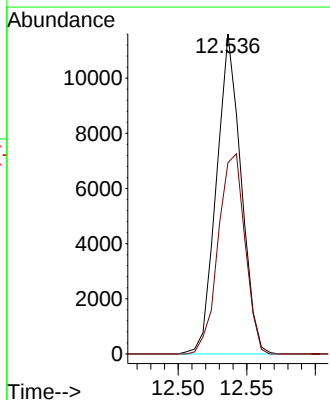
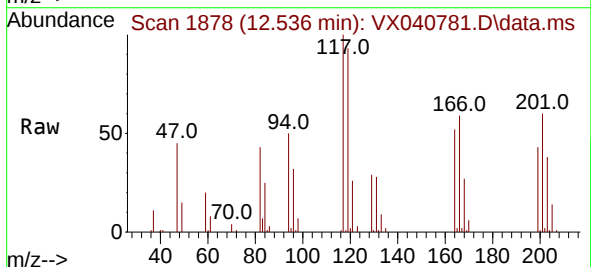
Manual Integrations
APPROVED

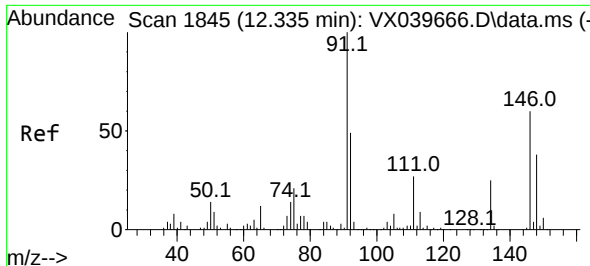
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#86
Hexachloroethane
Concen: 18.956 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Tgt Ion:117 Resp: 14459
Ion Ratio Lower Upper
117 100
201 68.4 31.8 95.3





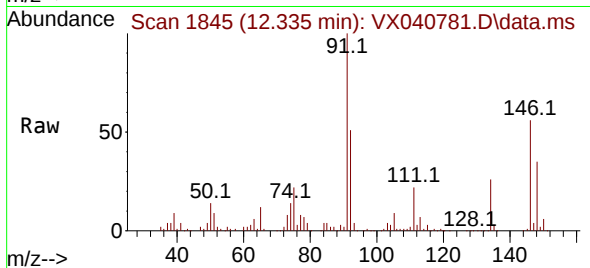
#87
1,2-Dichlorobenzene
Concen: 19.637 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



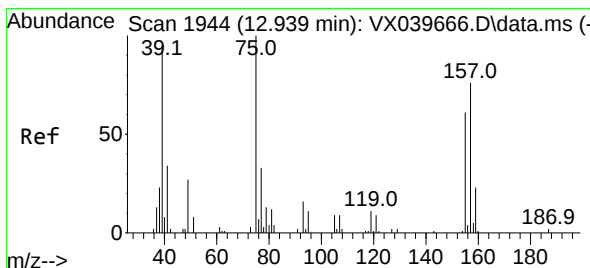
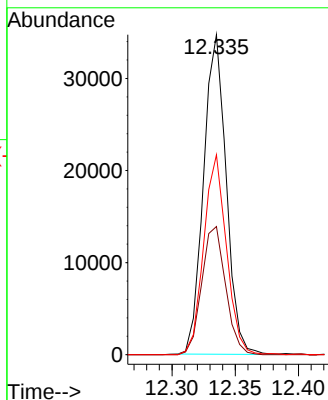
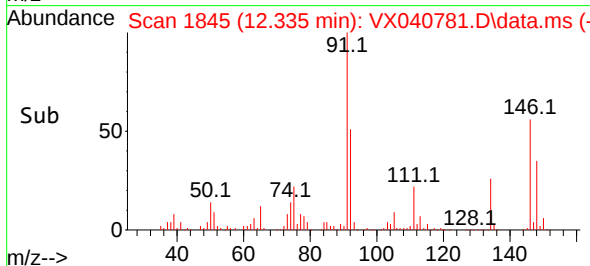
Tgt Ion:146 Resp: 43272
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.2
148 62.7 31.9 95.7

Manual Integrations

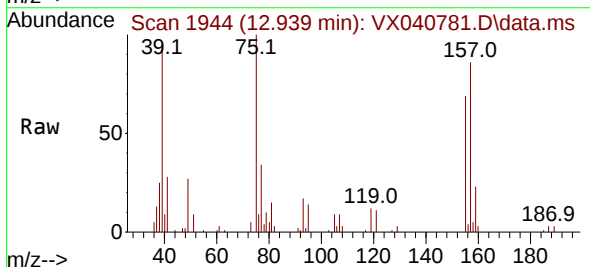
APPROVED

Reviewed By :John Carlone 03/25/2024

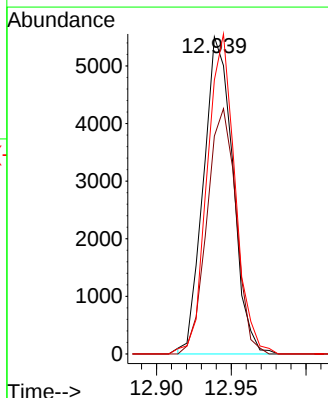
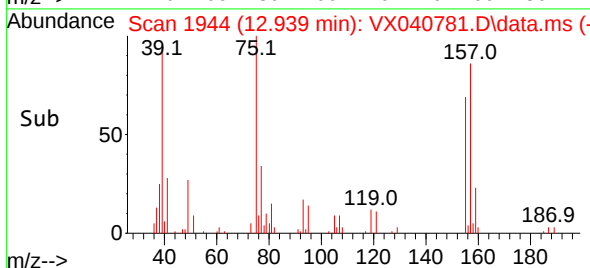
Supervised By :Semsettin Yesilyurt 03/25/2024

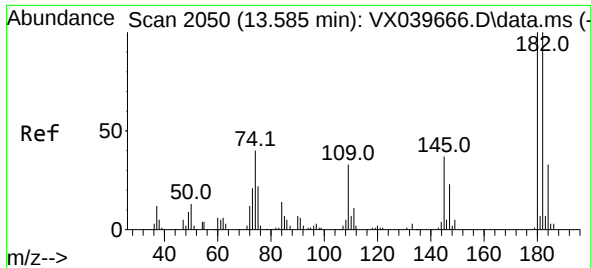


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.262 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040781.D
Acq: 22 Mar 2024 15:50



Tgt Ion: 75 Resp: 7504
Ion Ratio Lower Upper
75 100
155 76.8 58.2 87.4
157 95.8 76.5 114.7





#89
 1,2,4-Trichlorobenzene
 Concen: 19.981 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

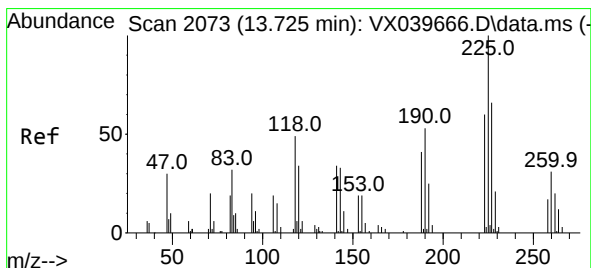
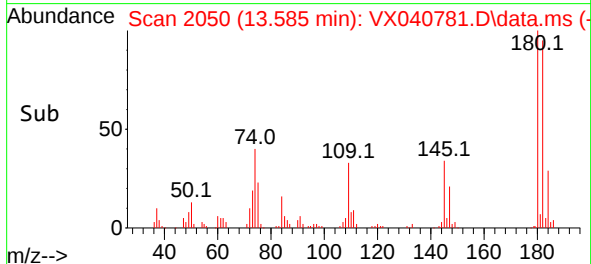
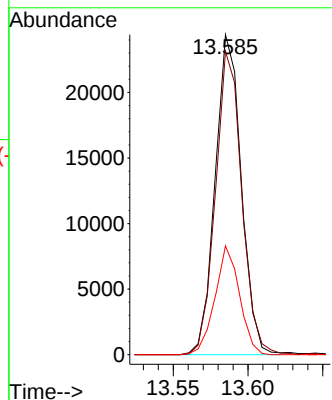
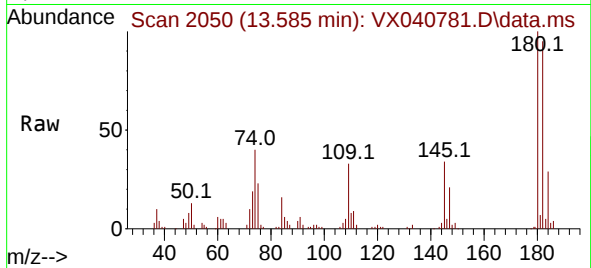
VSTDCCC020EC

Tgt Ion:180 Resp: 29640
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.5 111.7
 145 32.0 26.6 40.0

Manual Integrations

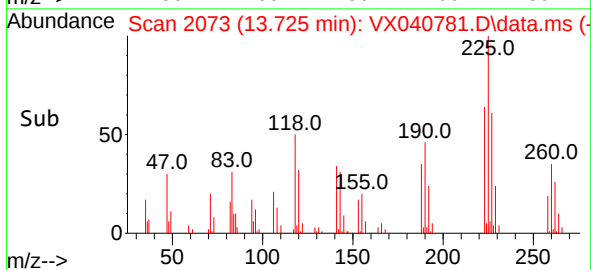
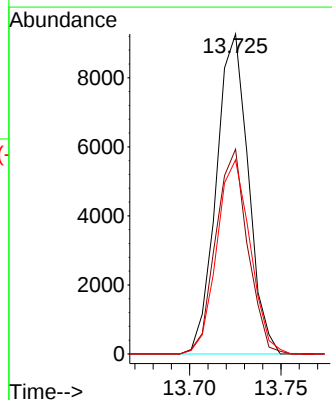
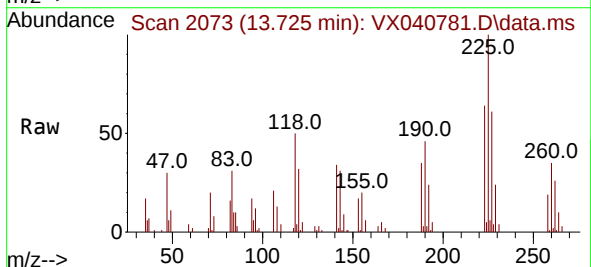
APPROVED

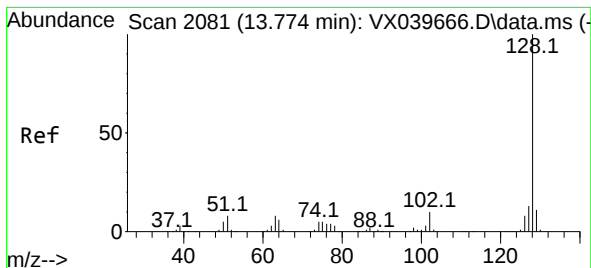
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#90
 Hexachlorobutadiene
 Concen: 18.819 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX040781.D
 Acq: 22 Mar 2024 15:50

Tgt Ion:225 Resp: 11290
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 124.4
 227 63.5 0.0 124.4





#91

Naphthalene

Concen: 20.587 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

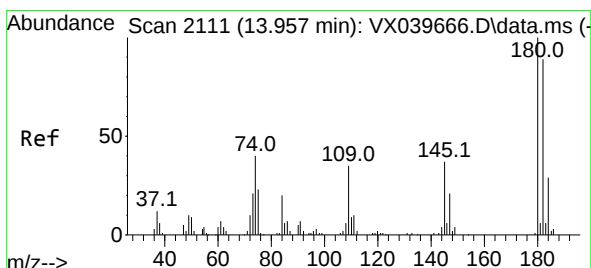
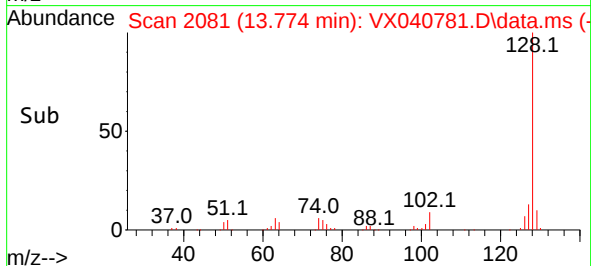
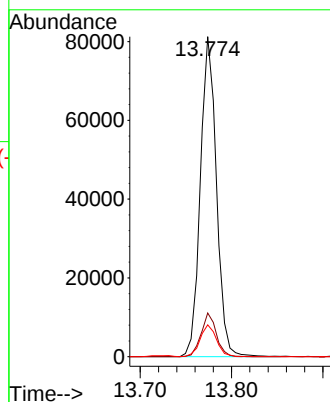
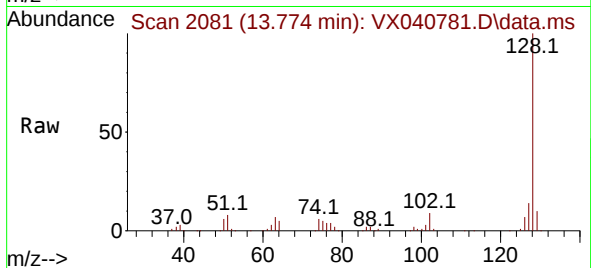
Tgt Ion:128	Resp:	9963
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.2
129	10.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#92

1,2,3-Trichlorobenzene

Concen: 19.844 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040781.D

Acq: 22 Mar 2024 15:50

Tgt Ion:180	Resp:	29031
Ion Ratio	Lower	Upper
180	100	
182	93.0	0.0 191.6
145	33.6	0.0 69.6

