

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044769.D
 Acq On : 30 Jan 2025 09:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025

Quant Time: Jan 30 12:08:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	29832	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	163814	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	150220	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	76004	26.391	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.967%#		
60) 4-Bromofluorobenzene	11.079	95	84010	28.793	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.967%		
63) Toluene-d8	8.641	98	240747	29.466	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.233%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52103	19.644	ug/l	98
3) Chloromethane	1.300	50	60083	21.534	ug/l	100
4) Vinyl Chloride	1.374	62	58555	21.449	ug/l	98
5) Bromomethane	1.593	94	14886	22.562	ug/l	95
6) Chloroethane	1.666	64	19092	44.108	ug/l	92
7) Trichlorofluoromethane	1.867	101	69133	23.124	ug/l	100
8) Diethyl Ether	2.130	74	22458	19.472	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	49250	22.994	ug/l	99
10) 1,1-Dichloroethene	2.312	96	47633	21.617	ug/l	98
11) Methyl Iodide	2.440	142	63536	20.807	ug/l	99
12) Methyl Acetate	2.697	43	71655	22.274	ug/l	98
13) Acrolein	2.233	56	37951	106.677	ug/l	100
14) Acrylonitrile	3.056	53	130976	111.732	ug/l	99
15) Acetone	2.380	58	38443	122.217	ug/l	92
16) Carbon Disulfide	2.501	76	125491	20.493	ug/l	100
17) Allyl chloride	2.654	41	84961	21.380	ug/l	94
18) Methylene Chloride	2.782	84	53119	21.541	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	46748	21.336	ug/l	98
20) Diisopropyl ether	3.757	45	161574	22.401	ug/l	94
21) 1,1-Dichloroethane	3.599	63	91287	21.336	ug/l	97
22) cis-1,2-Dichloroethene	4.477	96	57883	21.344	ug/l	99
23) tert-Butyl Alcohol	2.977	59	56235	99.185	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	153130	20.057	ug/l	99
25) Chloroform	5.086	83	86026	20.235	ug/l	100
26) Cyclohexane	5.452	56	82905	23.055	ug/l #	97
29) 1,1-Dichloropropene	5.678	75	60395	21.196	ug/l	97
30) 2-Butanone	4.550	43	176273	112.619	ug/l	100
31) 2,2-Dichloropropane	4.458	77	76791	19.476	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	74051	19.611	ug/l	96
33) Carbon Tetrachloride	5.659	117	63101	19.810	ug/l	97
34) Benzene	6.025	78	198175	21.800	ug/l	97
35) Methacrylonitrile	4.916	41	36109	20.642	ug/l	97
36) 1,2-Dichloroethane	6.080	62	59514	18.311	ug/l	97
37) Trichloroethene	7.116	130	46534	21.202	ug/l	95
38) Methylcyclohexane	7.372	83	85204	22.009	ug/l	99
39) 1,2-Dichloropropane	7.421	63	47781	21.078	ug/l	98
40) Dibromomethane	7.574	93	33318	19.770	ug/l	98
41) Bromodichloromethane	7.818	83	68688	19.739	ug/l	100
42) Vinyl Acetate	3.715	43	660882	106.320	ug/l	99

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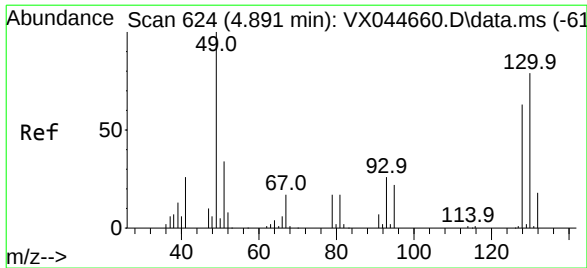
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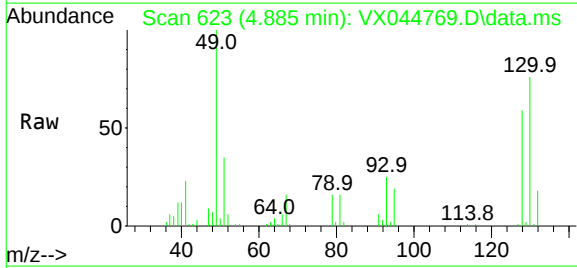
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43) Ethyl Acetate	4.702	43	67620	22.024	ug/l	# 94
44) Isopropyl Acetate	6.330	43	112378	20.373	ug/l	99
45) 1,4-Dioxane	7.659	88	24038	457.656	ug/l	95
46) Methyl methacrylate	7.690	41	54603	20.223	ug/l	98
47) n-amyl Acetate	10.841	43	99874	21.575	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	71397	19.438	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	79025	20.065	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	47302	21.793	ug/l	97
51) Ethyl methacrylate	9.110	69	77875	20.653	ug/l	99
52) 1,3-Dichloropropane	9.305	76	81376	21.677	ug/l	99
53) Dibromochloromethane	9.518	129	52690	20.315	ug/l	100
54) 1,2-Dibromoethane	9.604	107	48266	21.036	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	233333	127.538	ug/l	98
56) Bromoform	10.799	173	34306	19.947	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	339513	107.223	ug/l	99
59) 2-Hexanone	9.427	43	249683	107.708	ug/l	99
61) Tetrachloroethene	9.268	164	37755	20.953	ug/l	98
62) Toluene	8.714	91	208807	21.110	ug/l	99
64) Chlorobenzene	10.073	112	131027	21.329	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	42864	19.424	ug/l	98
66) Ethyl Benzene	10.189	91	225942	20.931	ug/l	97
67) m/p-Xylenes	10.299	106	175917	44.334	ug/l	94
68) o-Xylene	10.640	106	86089	21.617	ug/l	97
69) Styrene	10.652	104	142158	21.741	ug/l	99
70) Isopropylbenzene	10.957	105	219191	21.894	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	72490	21.538	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	57752m	20.396	ug/l	
73) Bromobenzene	11.195	156	50866	21.809	ug/l	94
74) n-propylbenzene	11.299	91	252990	22.248	ug/l	99
75) 2-Chlorotoluene	11.360	91	150507	21.052	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	181381	22.309	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	25474	19.017	ug/l	92
78) 4-Chlorotoluene	11.451	91	168899	21.440	ug/l	97
79) tert-butylbenzene	11.713	119	185558	22.216	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	176588	21.527	ug/l	97
81) sec-Butylbenzene	11.884	105	233927	23.454	ug/l	100
82) p-Isopropyltoluene	12.006	119	187942	22.896	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	90729	21.901	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	91517	22.535	ug/l	98
85) n-Butylbenzene	12.329	91	166628	23.418	ug/l	100
86) Hexachloroethane	12.536	117	36829	20.395	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	92167	22.280	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13700	16.900	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	55884	21.738	ug/l	99
90) Hexachlorobutadiene	13.719	225	22719	22.847	ug/l	98
91) Naphthalene	13.774	128	199347	20.727	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	56235	21.507	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

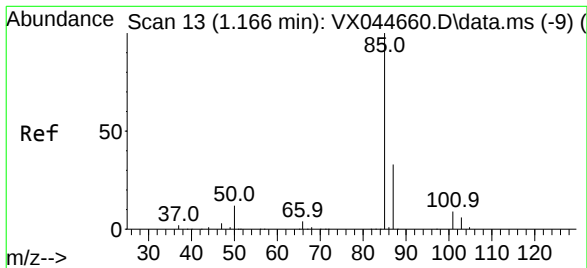
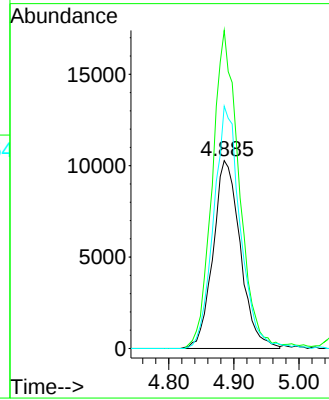
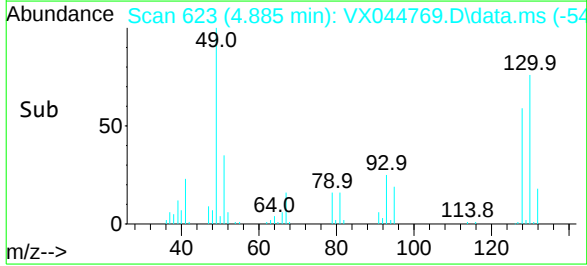
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 29832
Ion Ratio Lower Upper
128 100
49 166.0 0.0 411.5
130 125.2 0.0 324.3

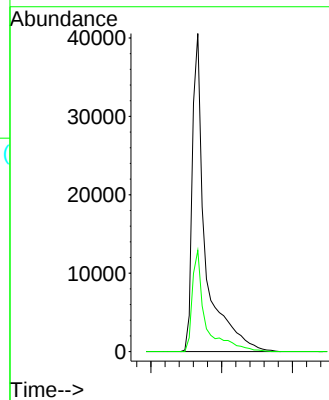
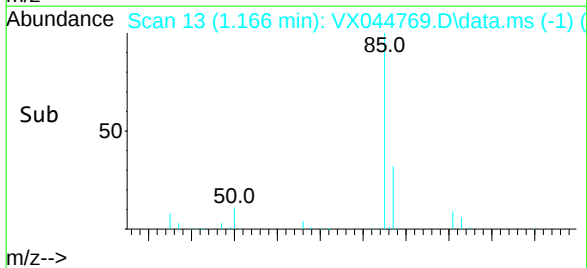
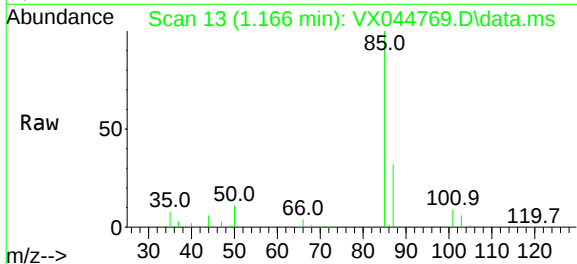
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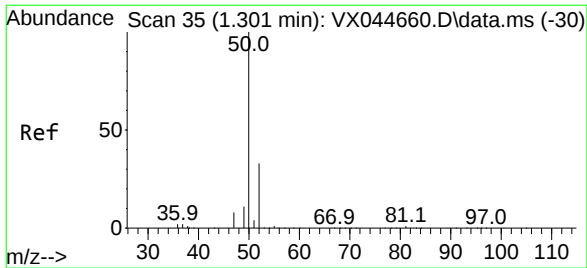
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#2
Dichlorodifluoromethane
Concen: 19.644 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 85 Resp: 52103
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8





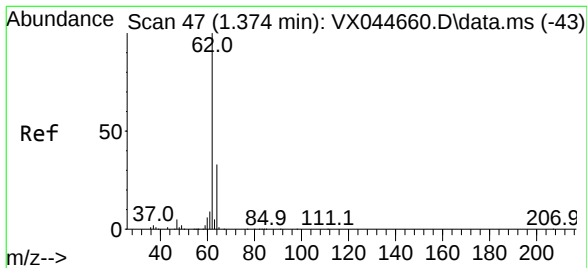
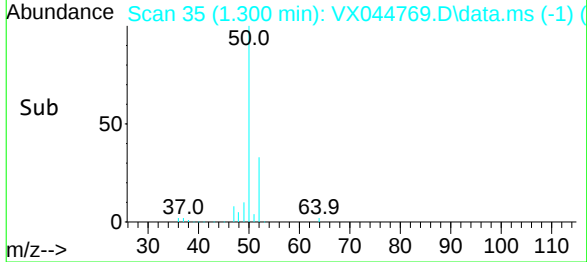
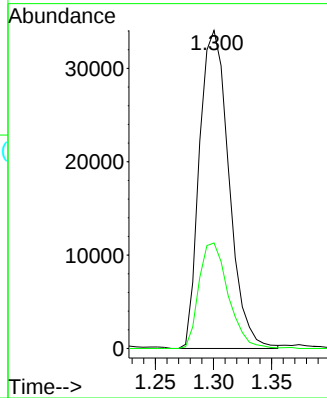
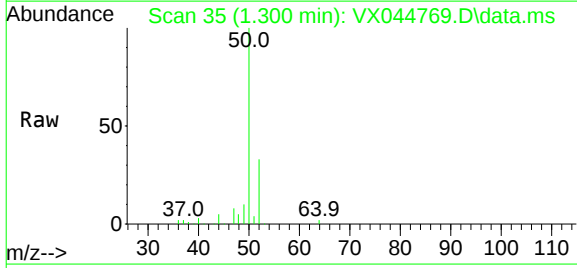
#3
Chloromethane
Concen: 21.534 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 60083
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

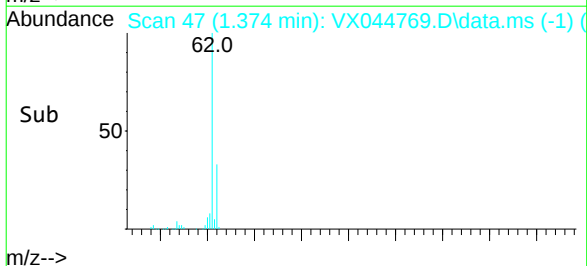
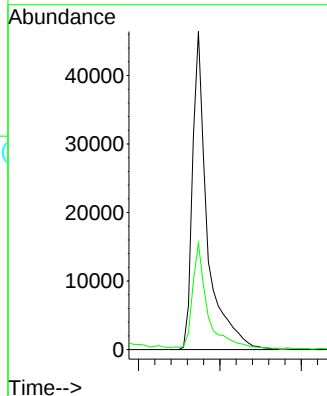
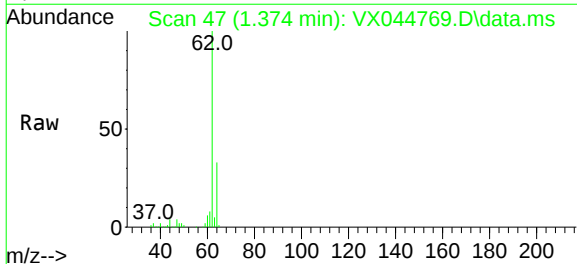
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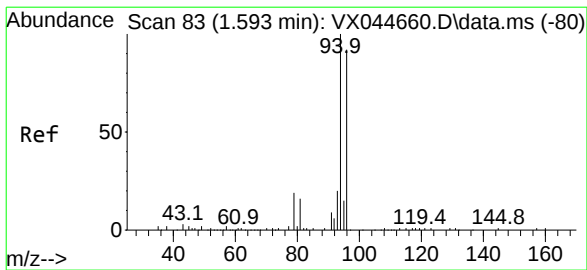
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#4
Vinyl Chloride
Concen: 21.449 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 62 Resp: 58555
Ion Ratio Lower Upper
62 100
64 33.0 27.3 40.9





#5

Bromomethane

Concen: 22.562 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 94 Resp: 14886

Ion Ratio Lower Upper

94 100

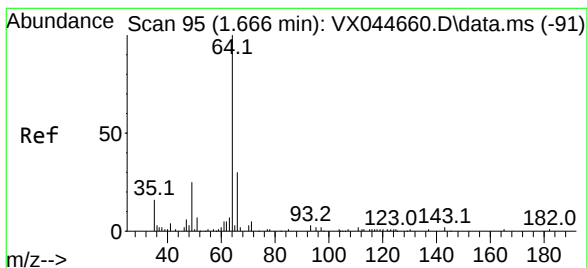
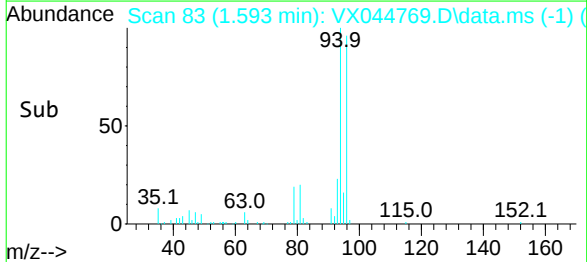
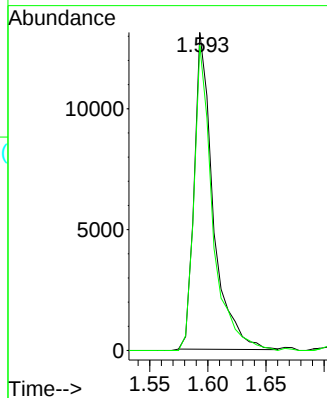
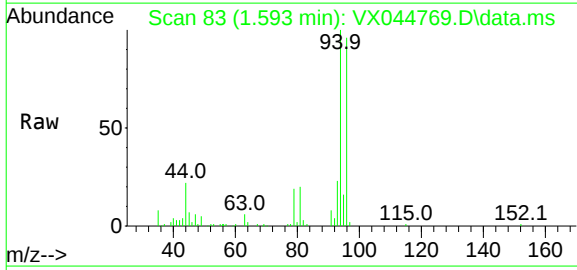
96 96.4 73.3 109.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/31/2025



#6

Chloroethane

Concen: 44.108 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044769.D

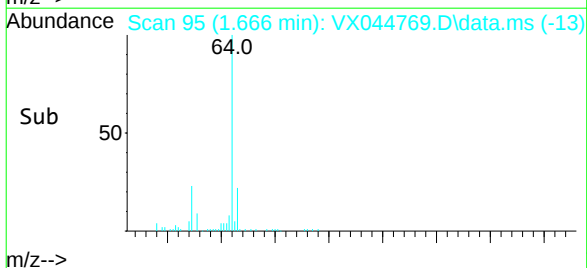
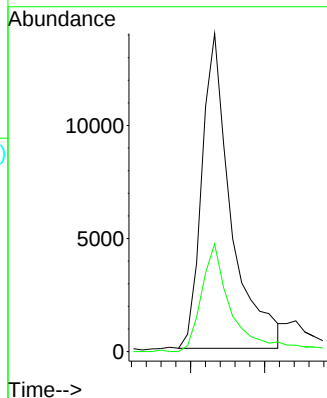
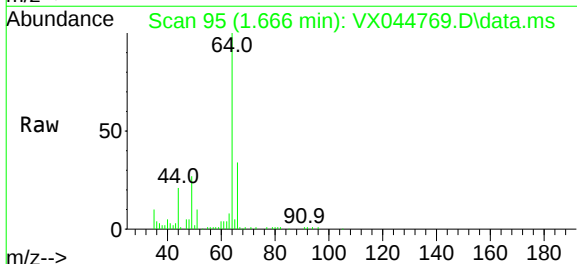
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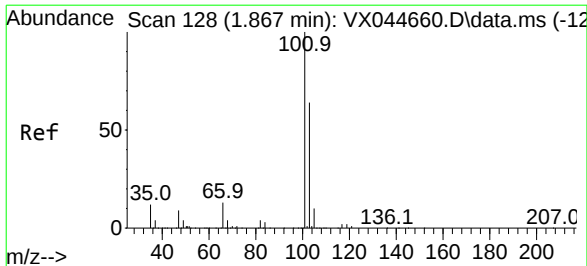
Tgt Ion: 64 Resp: 19092

Ion Ratio Lower Upper

64 100

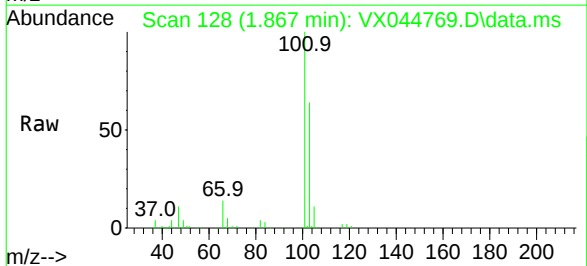
66 34.2 23.8 35.6





Trichlorofluoromethane
 Concen: 23.124 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

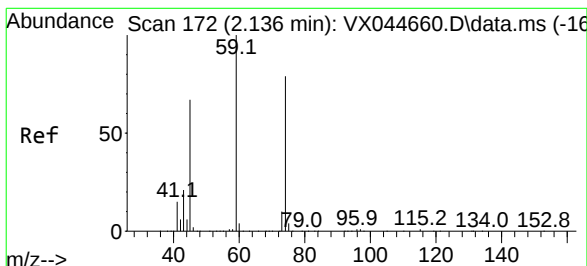
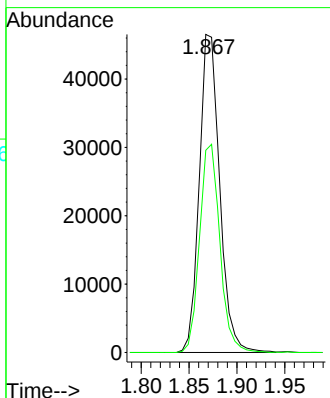
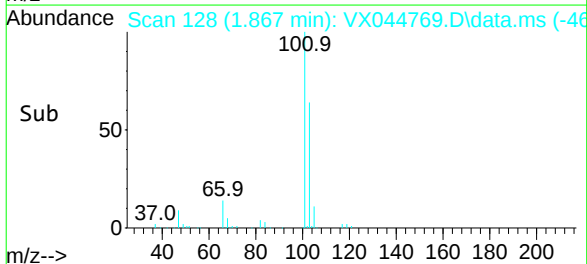
Instrument : MSVOA_X
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Tgt Ion: 101 Resp: 69133
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.1 76.7

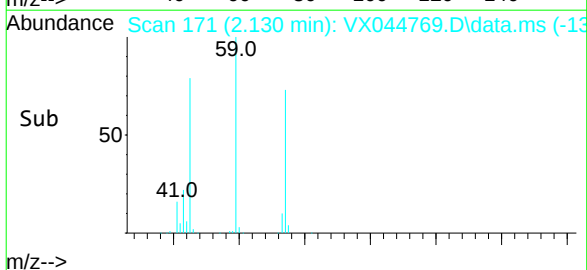
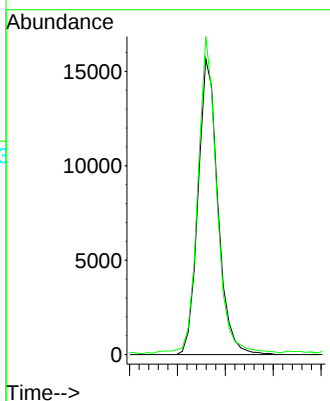
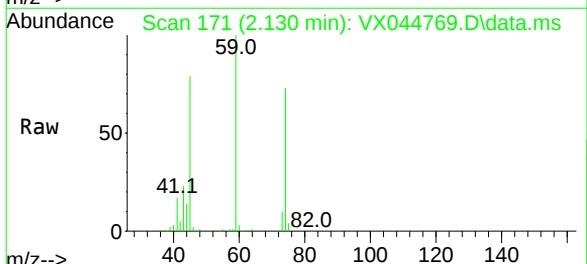
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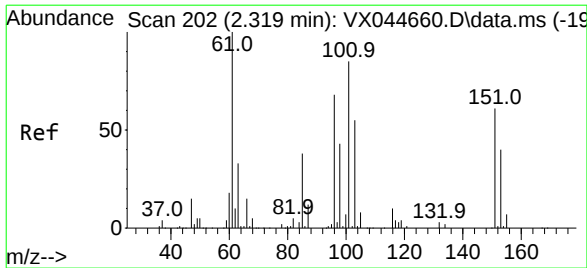
Reviewed By : John Carlone 01/30/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025



Diethyl Ether
 Concen: 19.472 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Tgt Ion: 74 Resp: 22458
 Ion Ratio Lower Upper
 74 100
 45 104.3 18.8 168.8





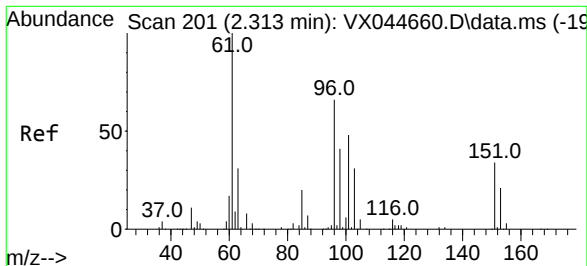
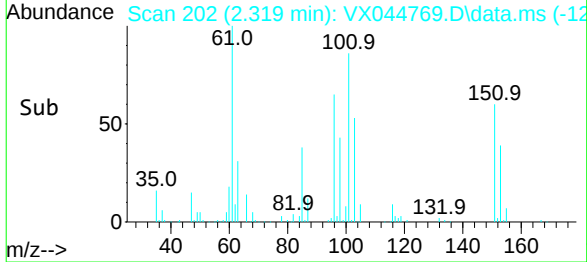
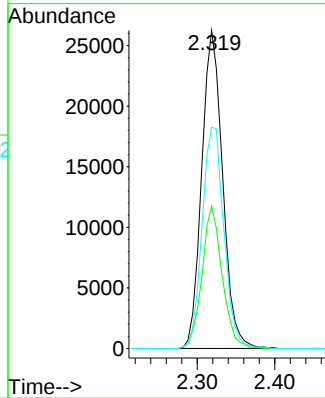
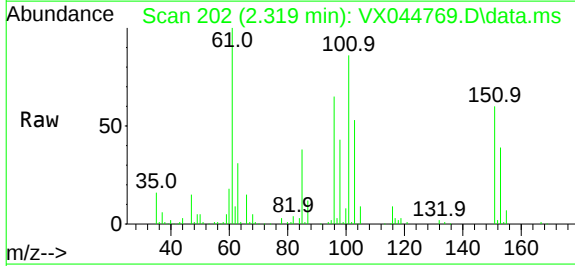
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.994 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 49250
Ion Ratio Lower Upper
101 100
85 43.1 0.0 88.0
151 72.3 0.0 147.0

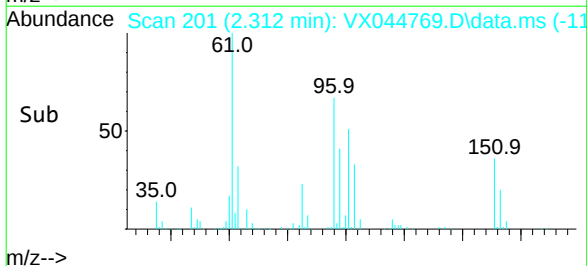
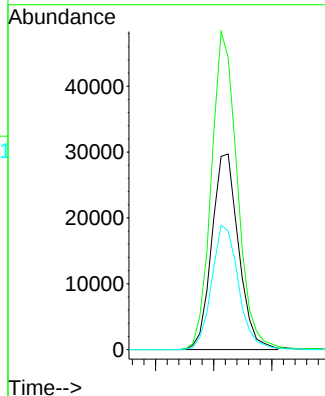
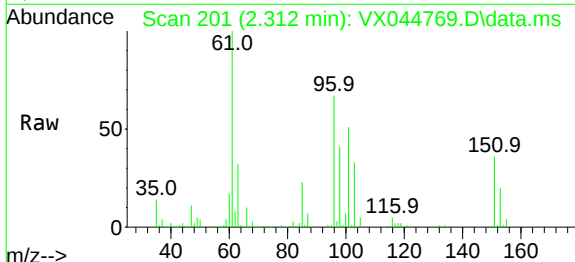
Manual Integrations
APPROVED

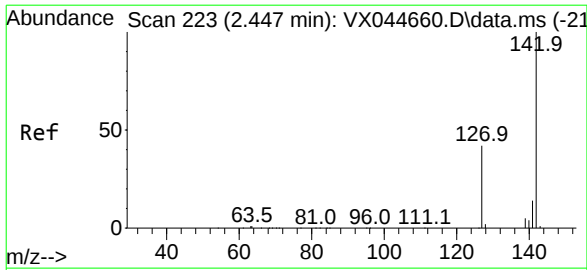
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
1,1-Dichloroethene
Concen: 21.617 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

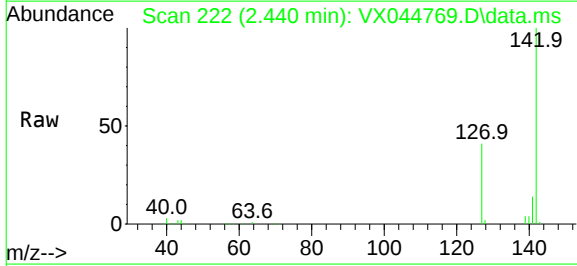
Tgt Ion: 96 Resp: 47633
Ion Ratio Lower Upper
96 100
61 149.5 121.6 182.4
98 60.6 50.3 75.5





#11
Methyl Iodide
Concen: 20.807 ug/l
RT: 2.440 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

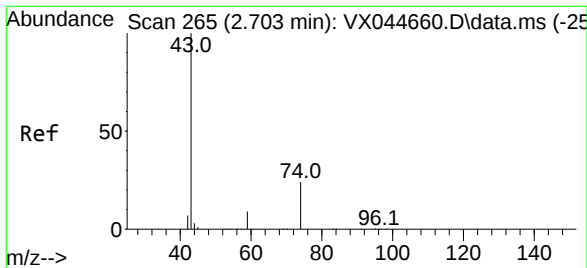
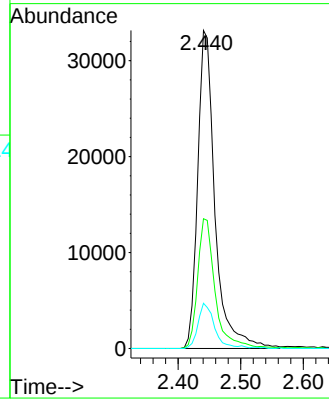
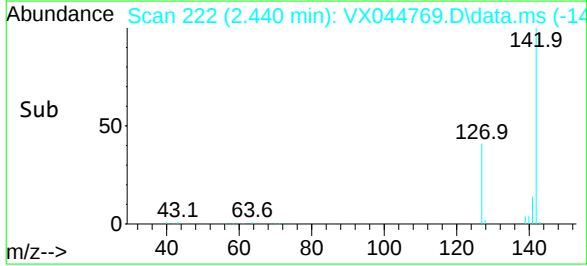
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



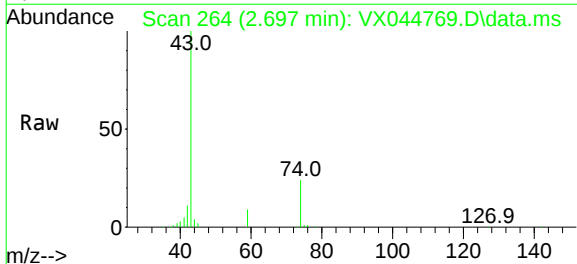
Tgt Ion: 142 Resp: 63536
Ion Ratio Lower Upper
142 100
127 40.7 20.8 62.4
141 14.2 7.0 20.9

Manual Integrations
APPROVED

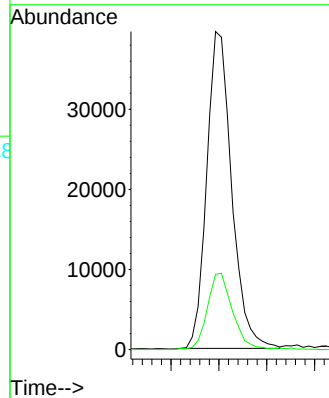
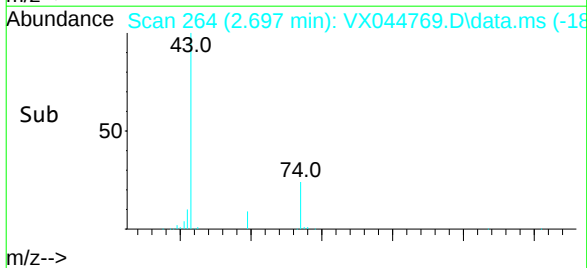
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

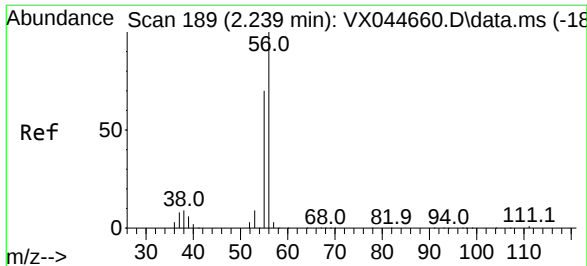


#12
Methyl Acetate
Concen: 22.274 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23



Tgt Ion: 43 Resp: 71655
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2





#13

Acrolein

Concen: 106.677 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 37951

Ion Ratio Lower Upper

56 100

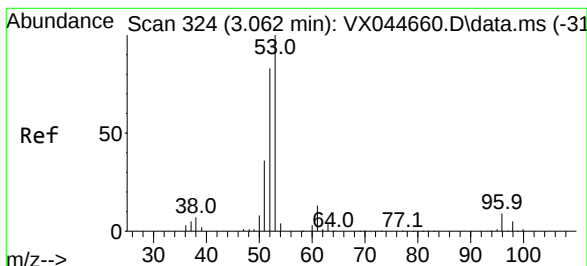
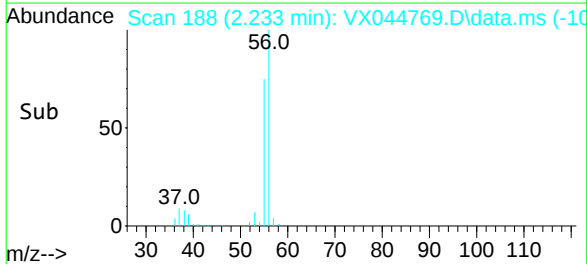
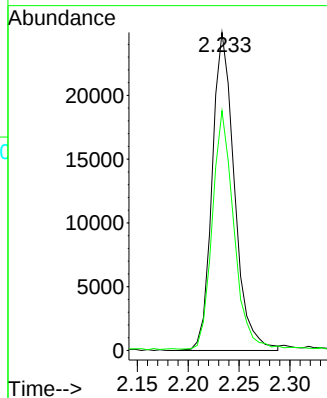
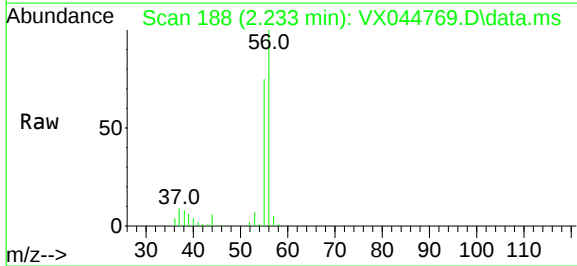
55 71.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Acrylonitrile

Concen: 111.732 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

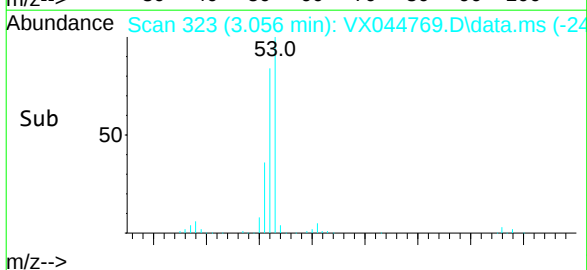
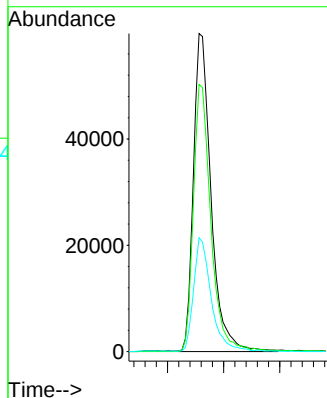
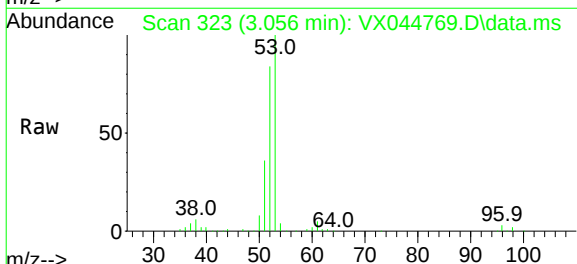
Tgt Ion: 53 Resp: 130976

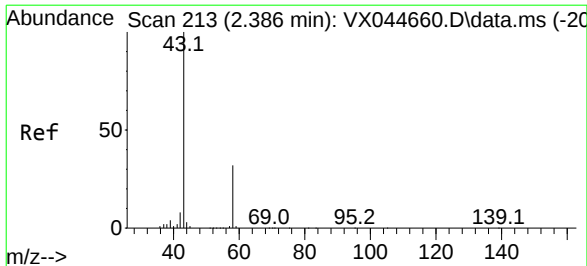
Ion Ratio Lower Upper

53 100

52 82.2 41.4 124.2

51 35.6 18.1 54.4





#15

Acetone

Concen: 122.217 ug/l

RT: 2.380 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Tgt Ion: 58 Resp: 38443

Ion Ratio Lower Upper

58 100

43 298.0 251.0 376.4

Instrument :

MSVOA_X

ClientSampleId :

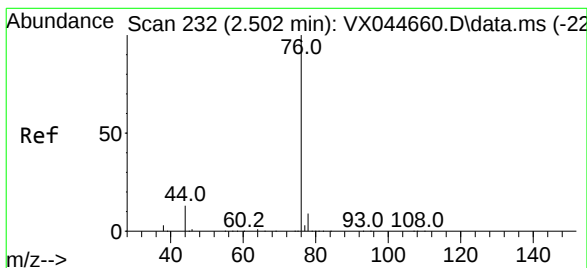
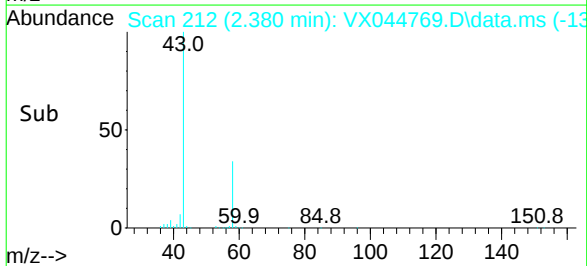
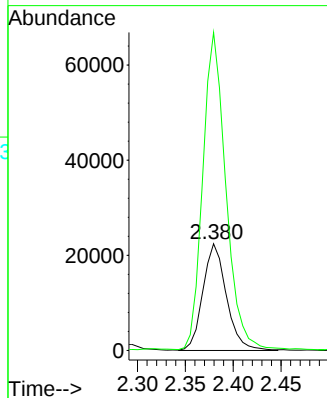
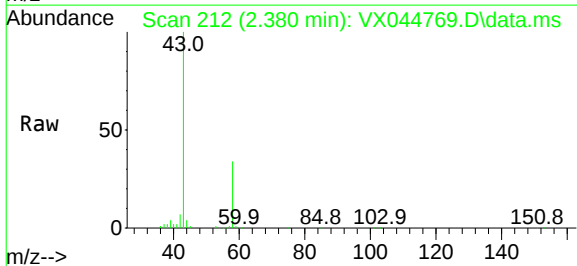
VSTDCCC020

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Carbon Disulfide

Concen: 20.493 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044769.D

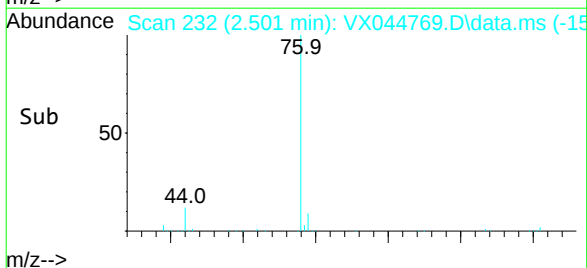
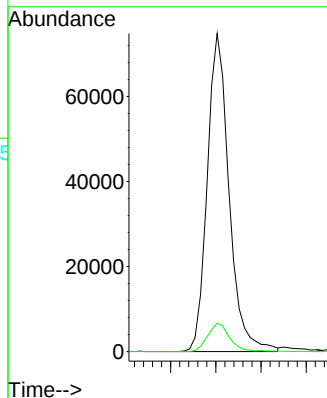
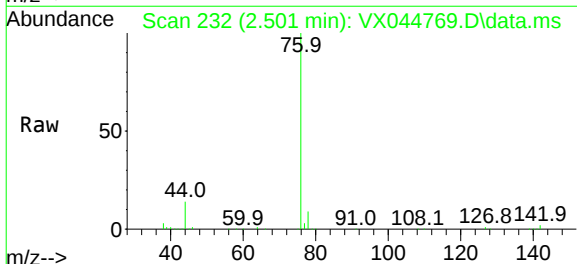
Acq: 30 Jan 2025 09:23

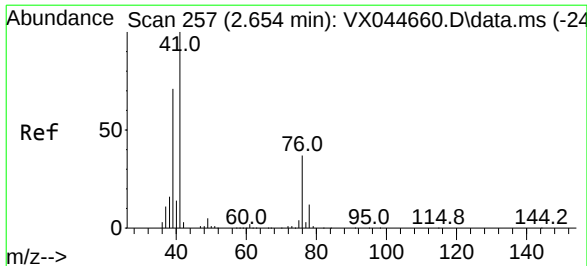
Tgt Ion: 76 Resp: 125491

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





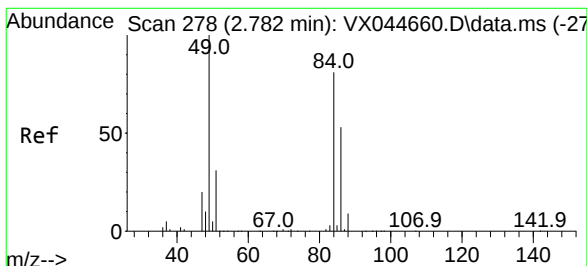
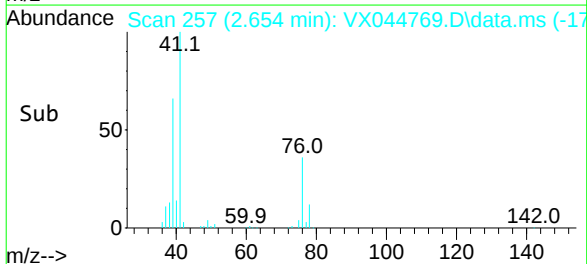
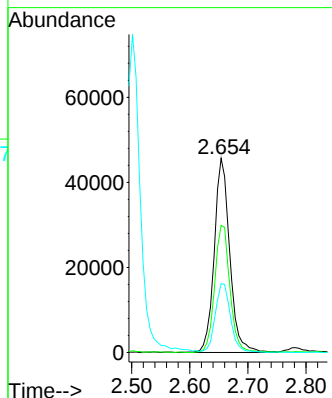
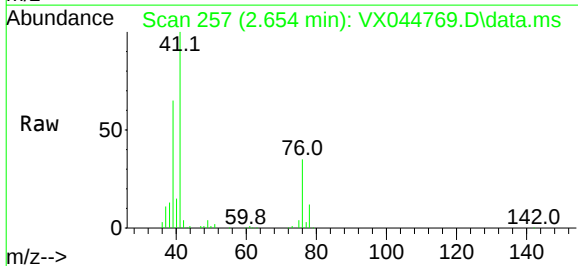
#17
 Allyl chloride
 Concen: 21.380 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41	Resp: 84961
Ion Ratio	Lower Upper
41 100	
39 65.3	35.6 106.8
76 35.3	18.9 56.5

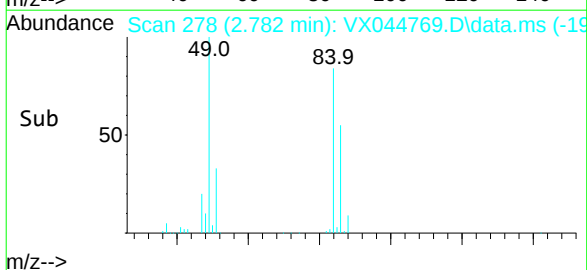
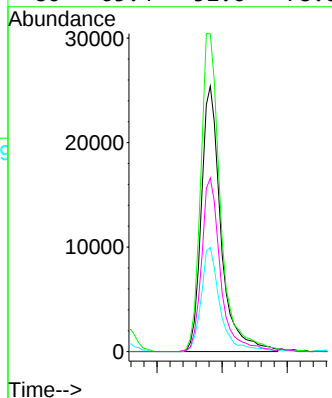
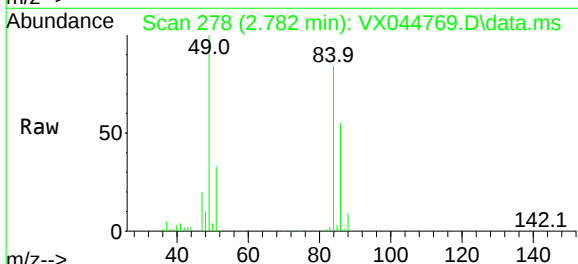
Manual Integrations
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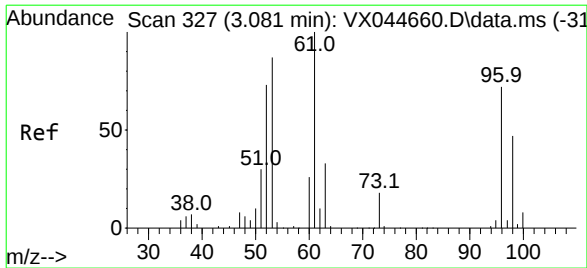
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#18
 Methylene Chloride
 Concen: 21.541 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

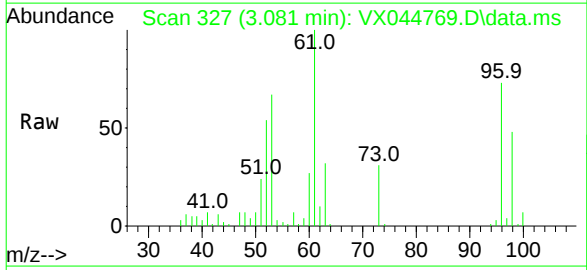
Tgt Ion: 84	Resp: 53119
Ion Ratio	Lower Upper
84 100	
49 119.7	98.3 147.5
51 39.2	30.6 46.0
86 65.4	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 21.336 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

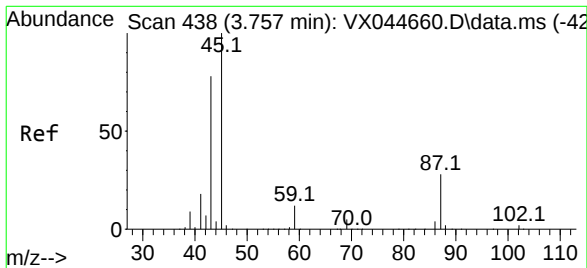
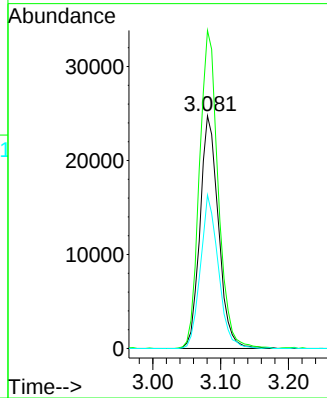
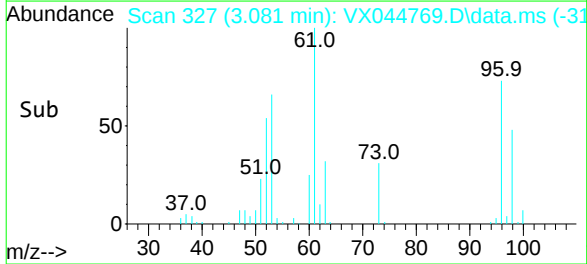
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



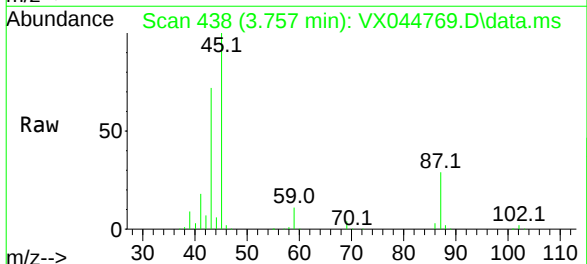
Tgt Ion: 96 Resp: 46748
Ion Ratio Lower Upper
96 100
61 136.7 111.5 167.3
98 66.0 52.6 79.0

Manual Integrations
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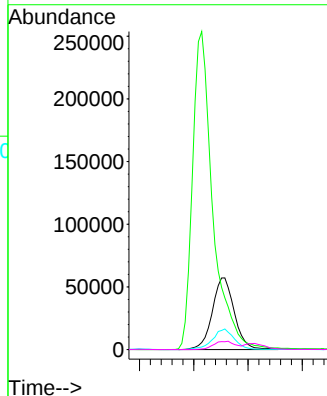
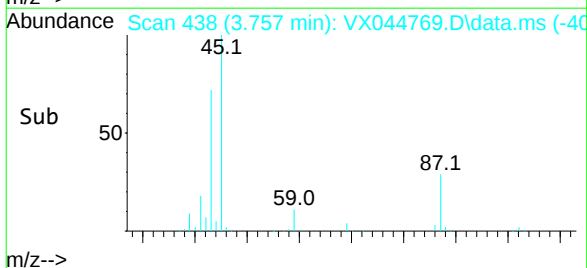
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

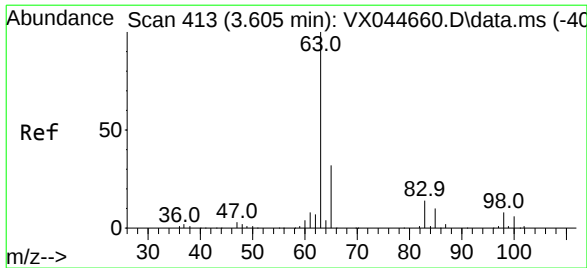


#20
Diisopropyl ether
Concen: 22.401 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23



Tgt Ion: 45 Resp: 161574
Ion Ratio Lower Upper
45 100
43 70.8 62.6 94.0
87 28.8 22.7 34.1
59 10.9 9.4 14.2





#21

1,1-Dichloroethane

Concen: 21.336 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

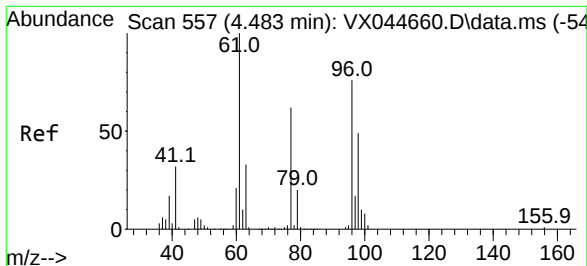
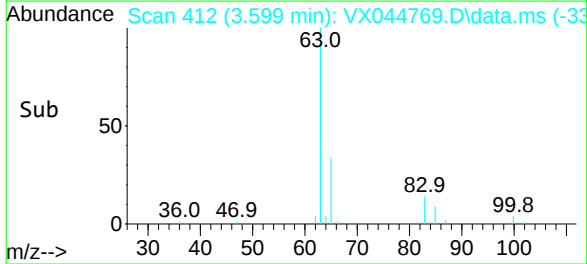
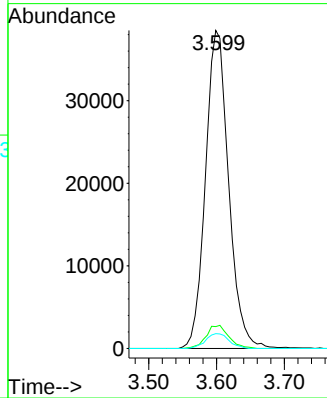
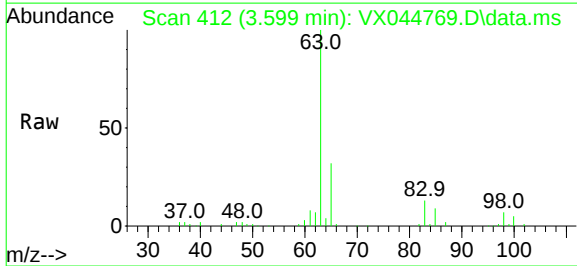
Tgt Ion:	63	Resp:	91287
Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.0	11.9
100	4.7	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#22

cis-1,2-Dichloroethene

Concen: 21.344 ug/l

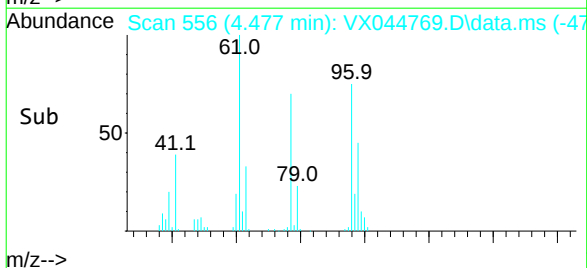
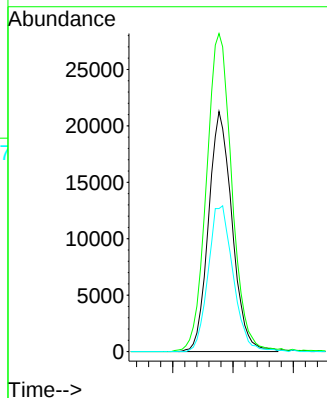
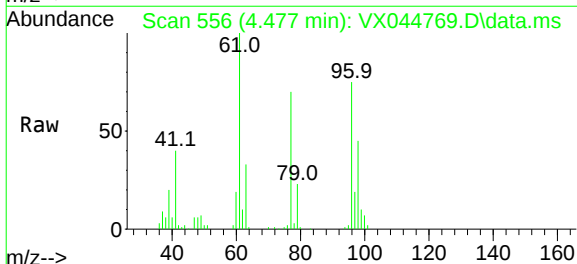
RT: 4.477 min Scan# 556

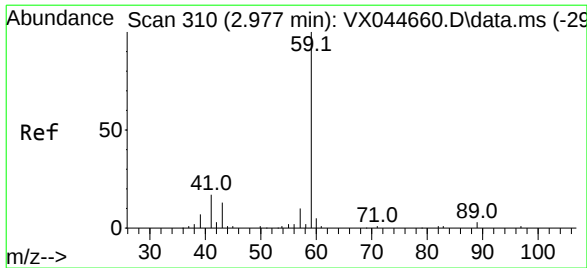
Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Tgt Ion:	96	Resp:	57883
Ion	Ratio	Lower	Upper
96	100		
61	142.4	115.2	172.8
98	63.9	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 99.185 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 56235

Ion Ratio Lower Upper

59 100

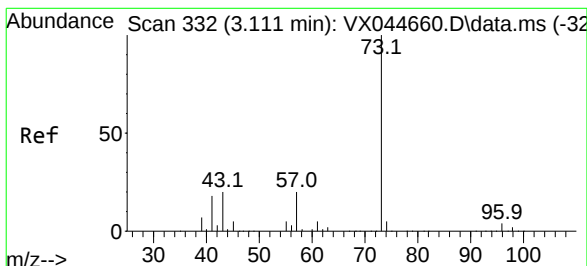
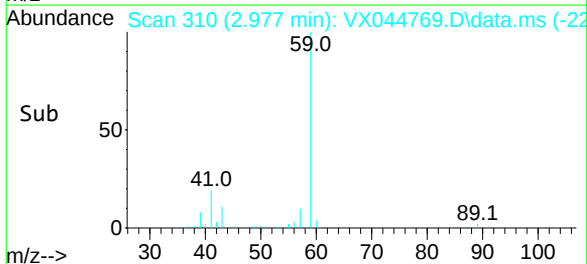
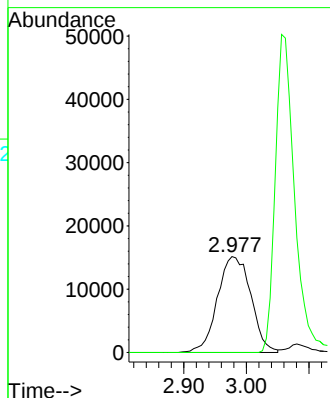
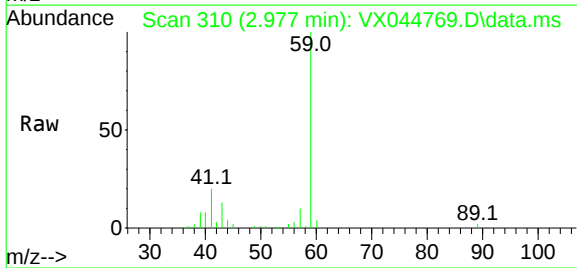
52 0.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#24

Methyl tert-Butyl Ether

Concen: 20.057 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044769.D

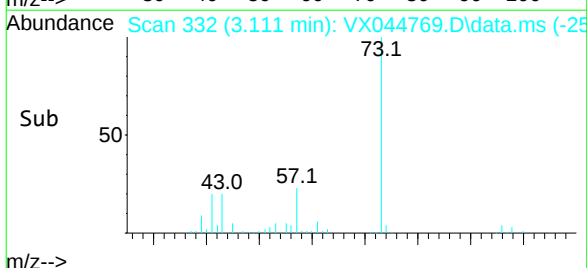
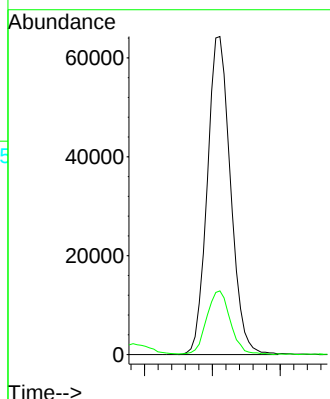
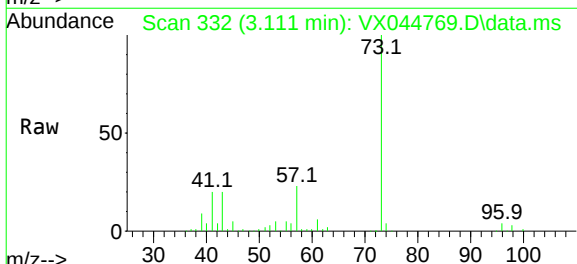
Acq: 30 Jan 2025 09:23

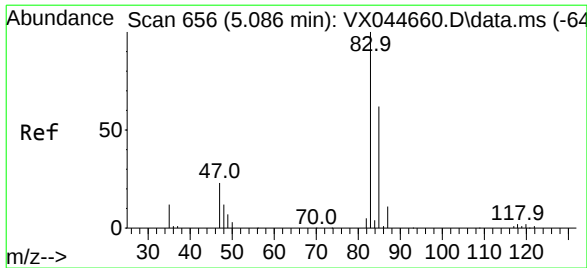
Tgt Ion: 73 Resp: 153130

Ion Ratio Lower Upper

73 100

43 20.5 16.9 25.3





#25

Chloroform

Concen: 20.235 ug/l

RT: 5.086 min Scan# 65

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 86026

Ion Ratio Lower Upper

83 100

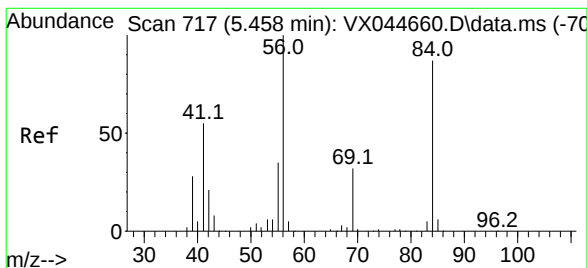
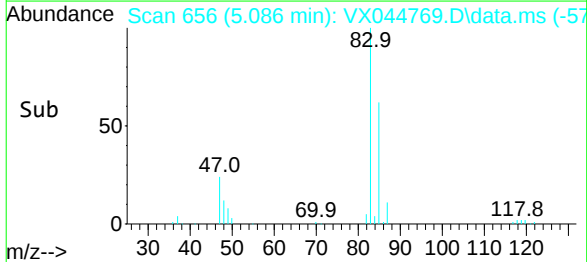
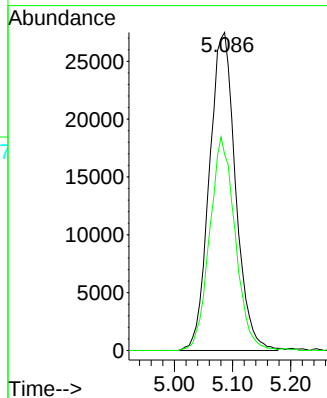
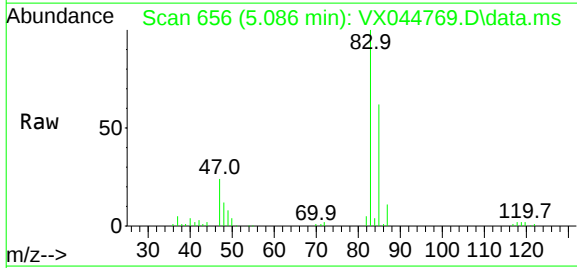
85 61.7 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#26

Cyclohexane

Concen: 23.055 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

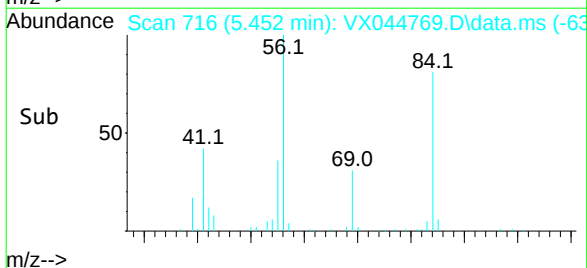
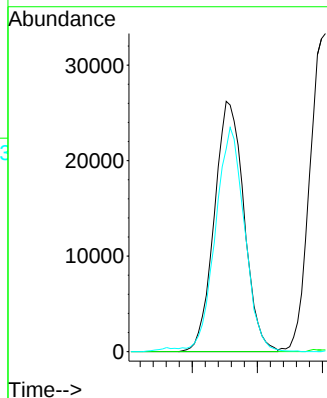
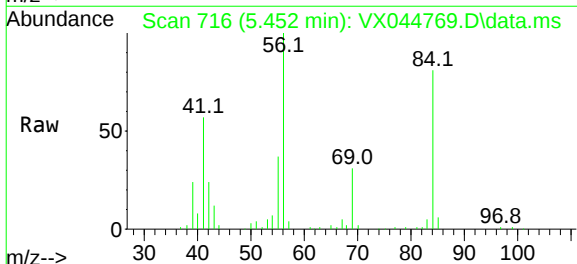
Tgt Ion: 56 Resp: 82905

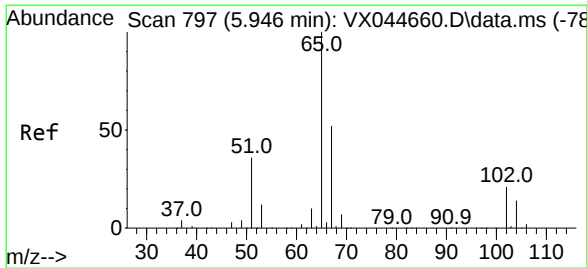
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.9 72.2 108.4





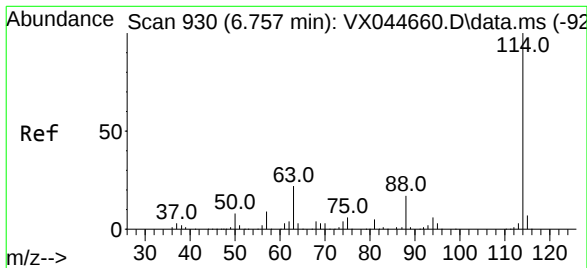
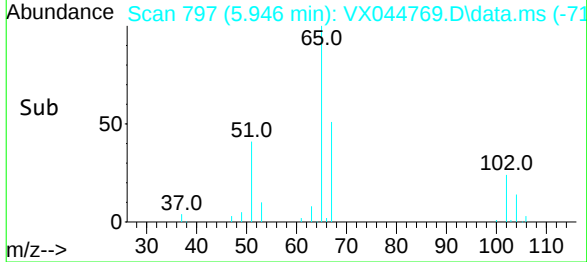
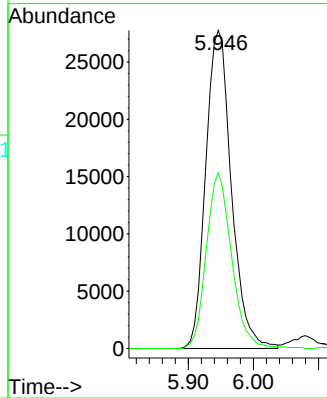
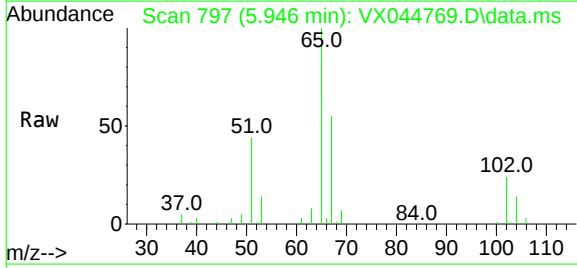
#27
1,2-Dichloroethane-d4
Concen: 26.391 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 76004
Ion Ratio Lower Upper
65 100
67 54.2 41.4 62.2

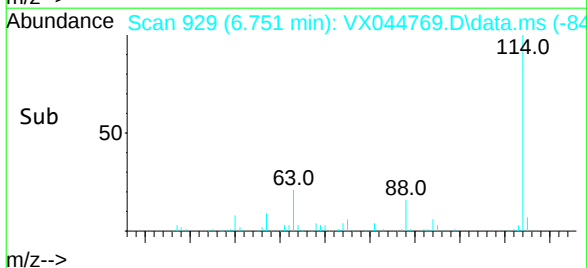
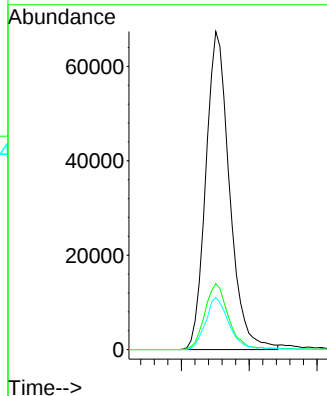
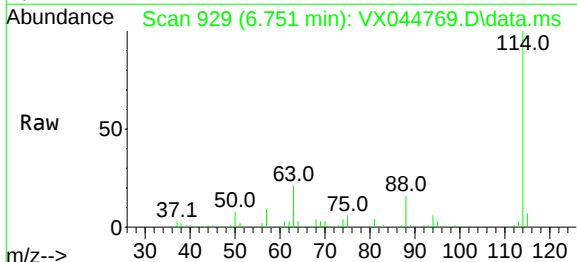
Manual Integrations
APPROVED

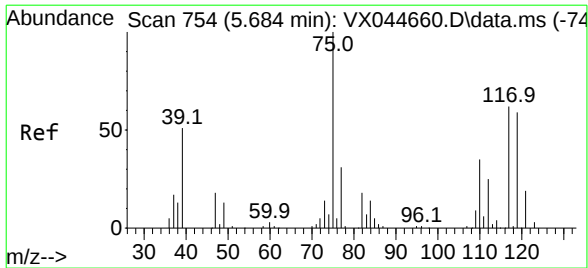
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:114 Resp: 163814
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 16.0 13.4 20.2





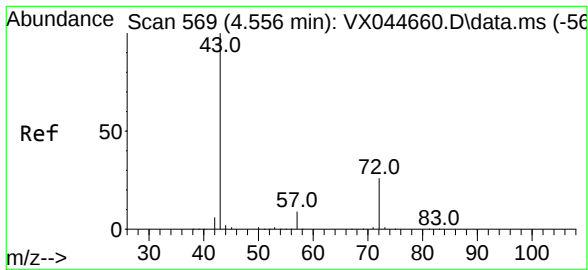
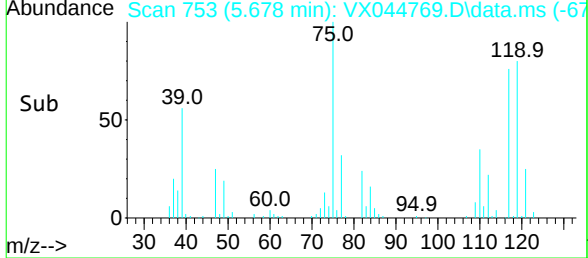
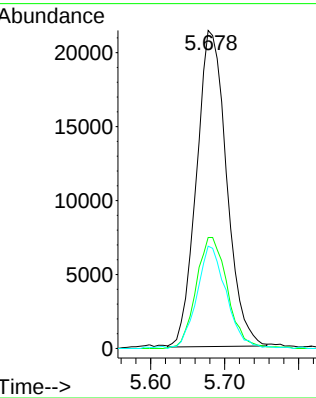
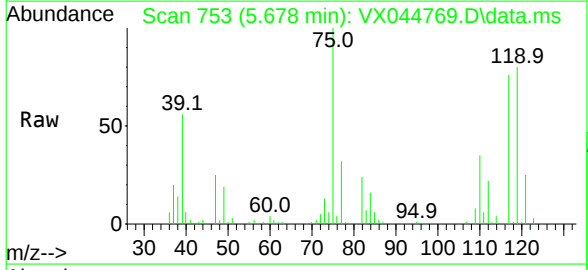
#29
1,1-Dichloropropene
Concen: 21.196 ug/l
RT: 5.678 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75	Resp: 60395
Ion Ratio	Lower Upper
75 100	
110 36.5	0.0 69.4
77 31.5	0.0 59.8

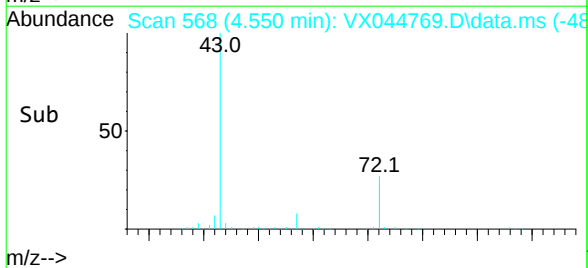
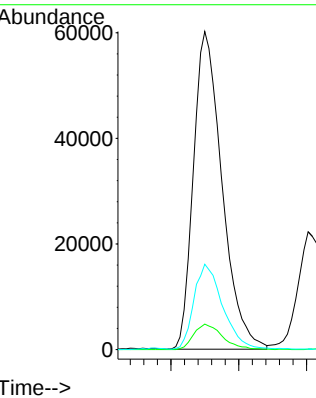
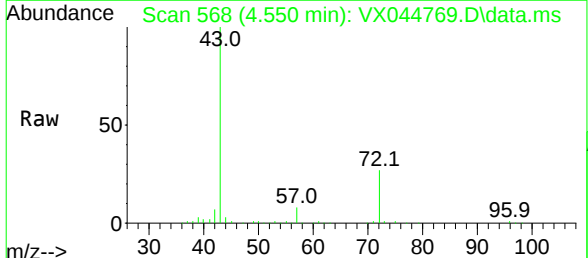
Manual Integrations
APPROVED

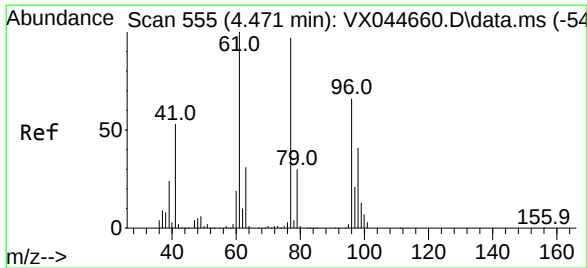
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
2-Butanone
Concen: 112.619 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 43	Resp: 176273
Ion Ratio	Lower Upper
43 100	
57 8.1	6.4 9.6
72 26.8	21.5 32.3





#31

2,2-Dichloropropane

Concen: 19.476 ug/l

RT: 4.458 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 76791

Ion Ratio Lower Upper

77 100

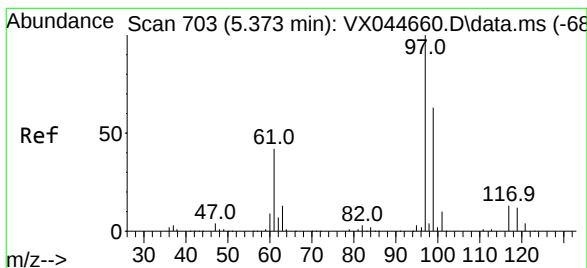
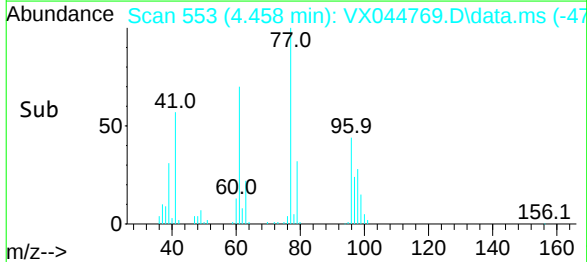
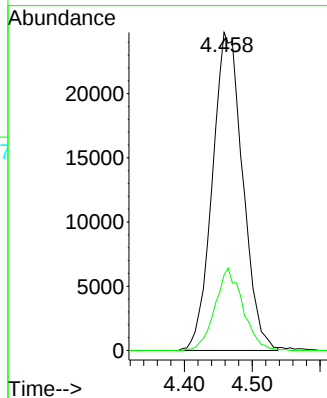
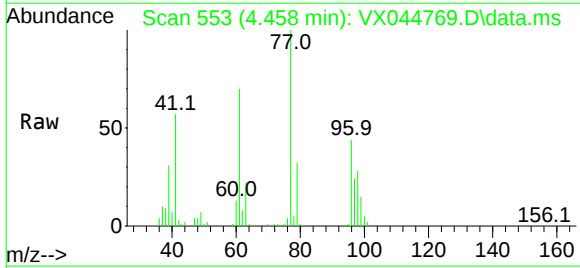
97 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#32

1,1,1-Trichloroethane

Concen: 19.611 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

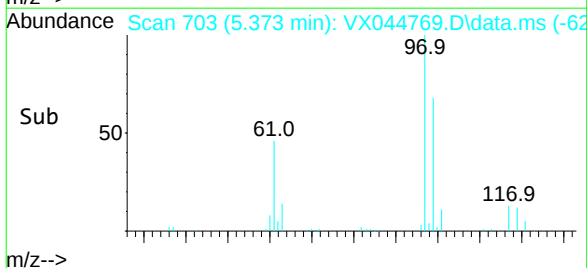
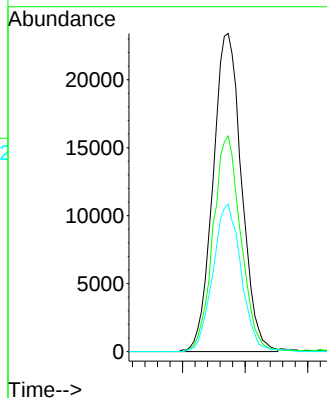
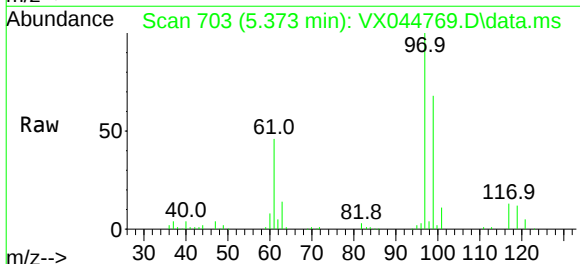
Tgt Ion: 97 Resp: 74051

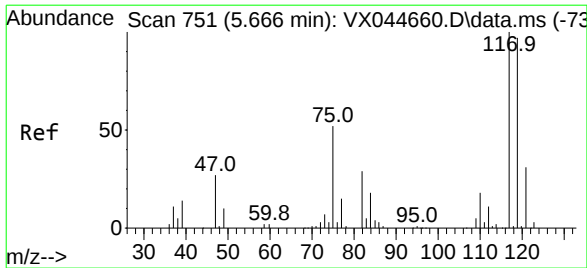
Ion Ratio Lower Upper

97 100

99 65.8 50.5 75.7

61 45.8 34.6 51.8





#33

Carbon Tetrachloride

Concen: 19.810 ug/l

RT: 5.659 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

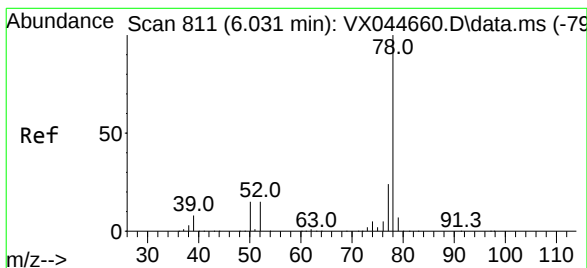
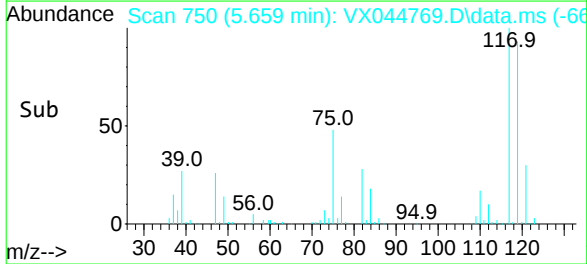
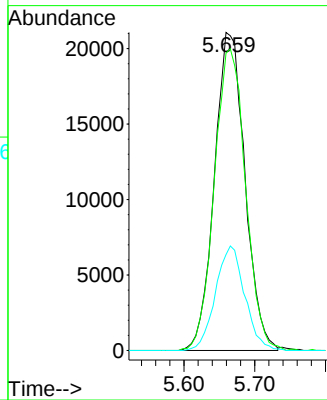
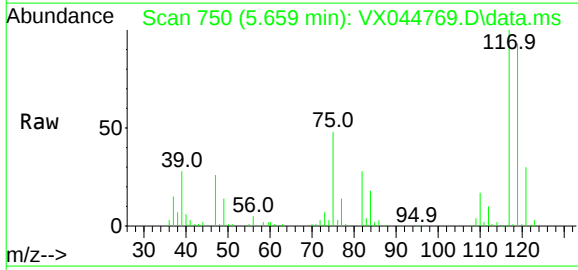
Tgt Ion:	117	Resp:	63101
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.3	115.9
121	30.1	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#34

Benzene

Concen: 21.800 ug/l

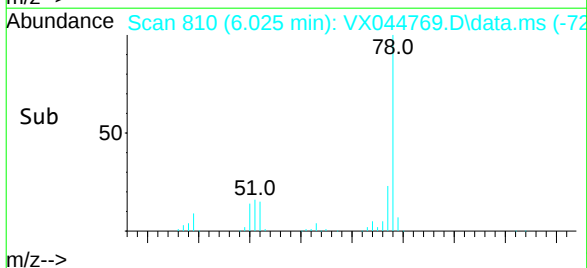
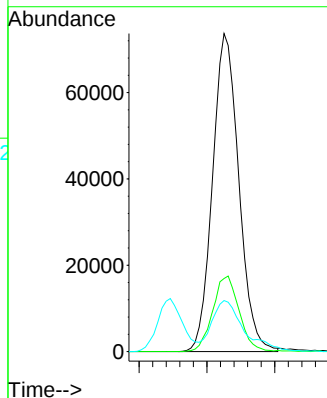
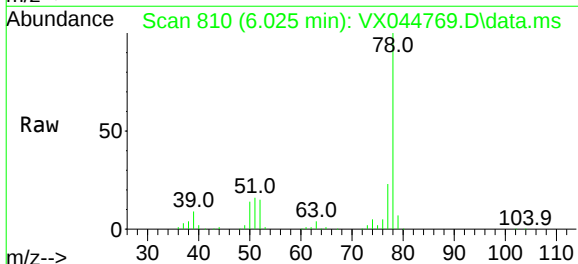
RT: 6.025 min Scan# 810

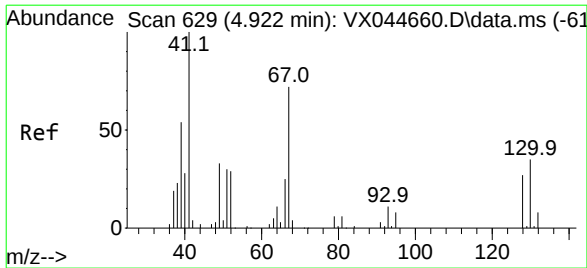
Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Tgt Ion:	78	Resp:	198175
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9
51	14.7	12.7	19.1





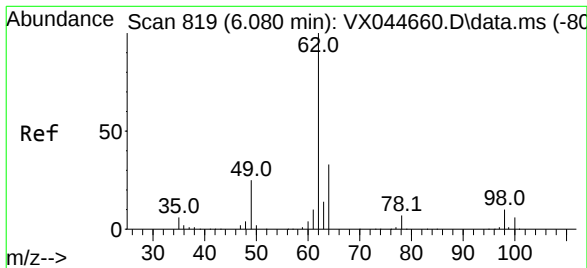
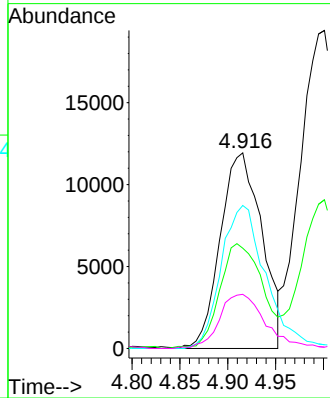
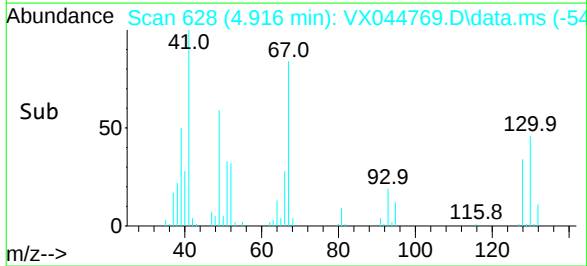
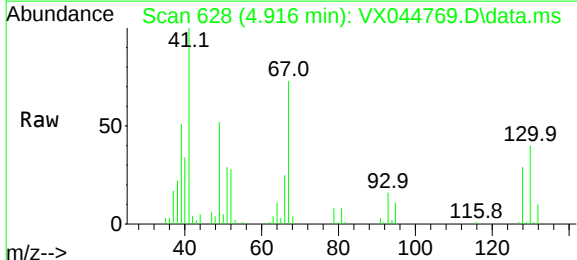
#35
Methacrylonitrile
Concen: 20.642 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	36109
Ion	Ratio	Lower	Upper
41	100		
39	50.2	27.1	81.3
67	73.1	35.8	107.4
52	27.1	14.4	43.2

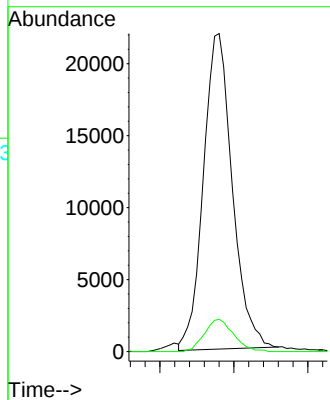
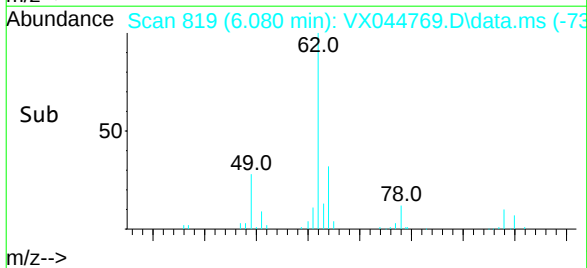
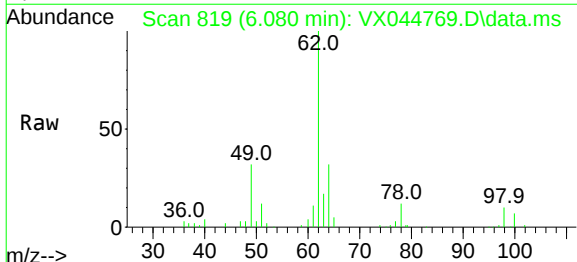
Manual Integrations
APPROVED

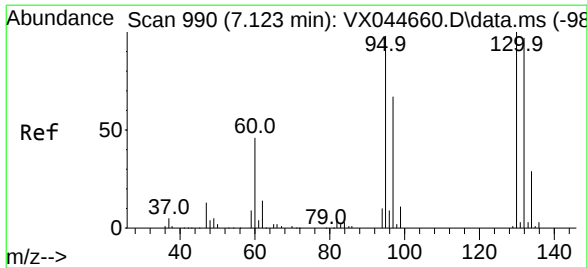
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#36
1,2-Dichloroethane
Concen: 18.311 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

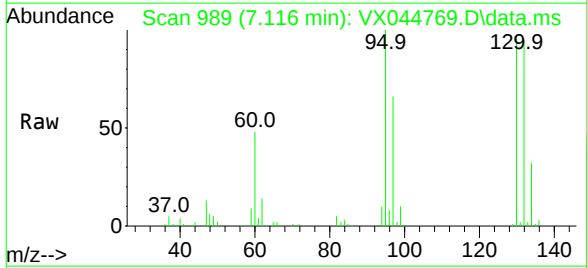
Tgt Ion:	62	Resp:	59514
Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.4	11.2





#37
Trichloroethene
Concen: 21.202 ug/l
RT: 7.116 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

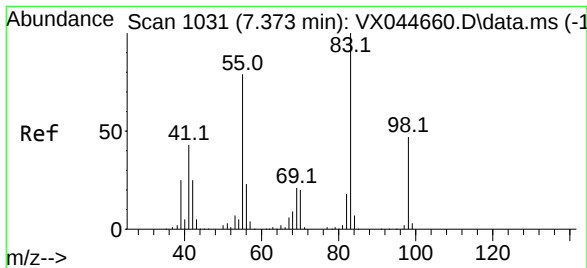
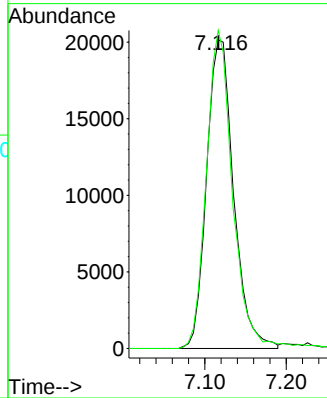
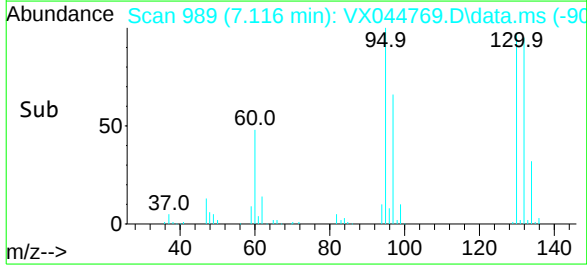
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



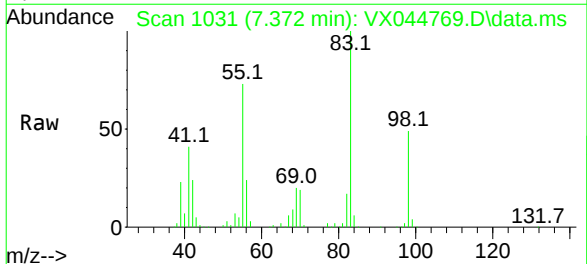
Tgt Ion:130 Resp: 46534
Ion Ratio Lower Upper
130 100
95 103.1 78.2 117.4

Manual Integrations
APPROVED

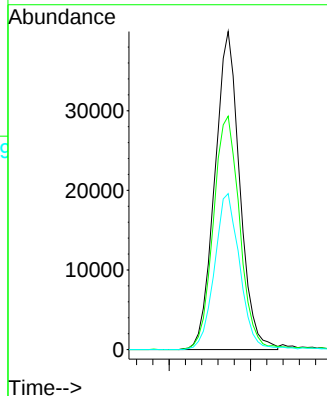
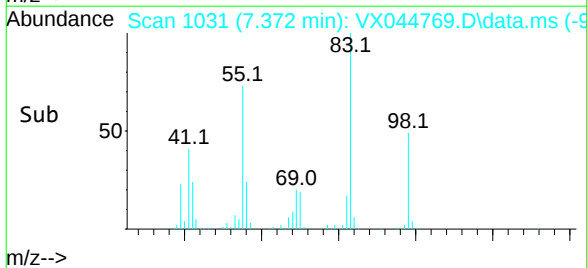
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

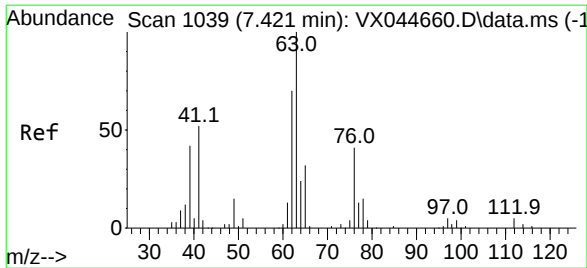


#38
Methylcyclohexane
Concen: 22.009 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23



Tgt Ion: 83 Resp: 85204
Ion Ratio Lower Upper
83 100
55 77.7 38.4 115.2
98 49.4 24.4 73.4





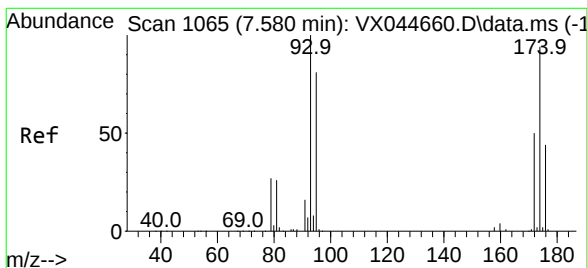
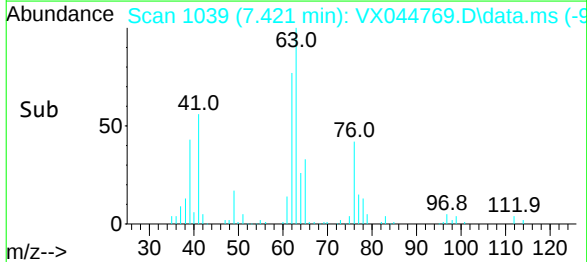
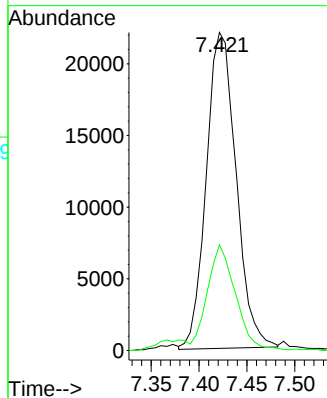
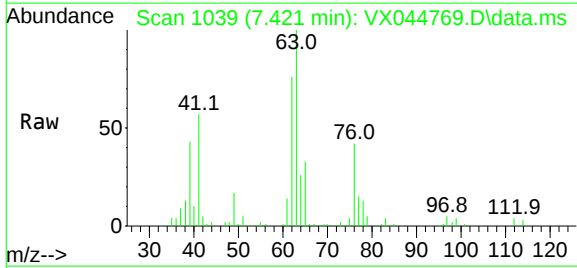
#39
1,2-Dichloropropane
Concen: 21.078 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 47781
Ion Ratio Lower Upper
63 100
65 33.0 25.5 38.3

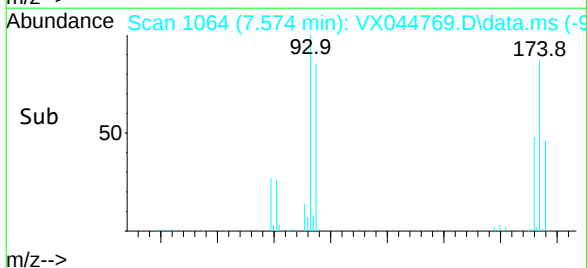
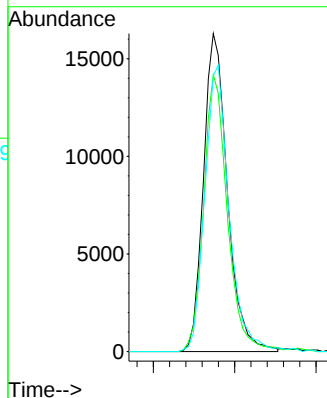
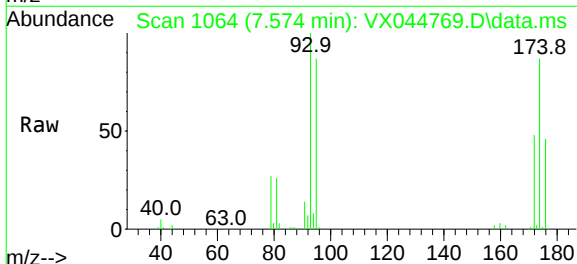
Manual Integrations
APPROVED

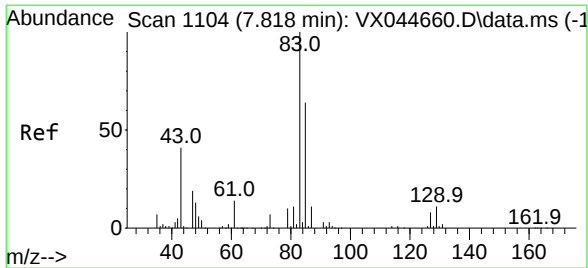
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Dibromomethane
Concen: 19.770 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 93 Resp: 33318
Ion Ratio Lower Upper
93 100
95 86.2 0.0 167.0
174 90.8 0.0 182.0





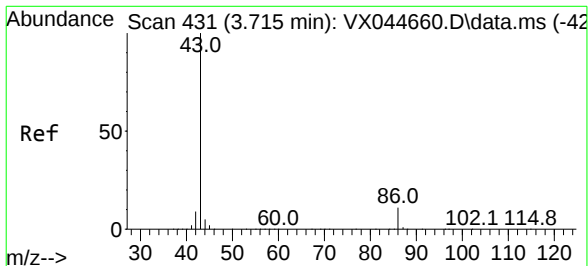
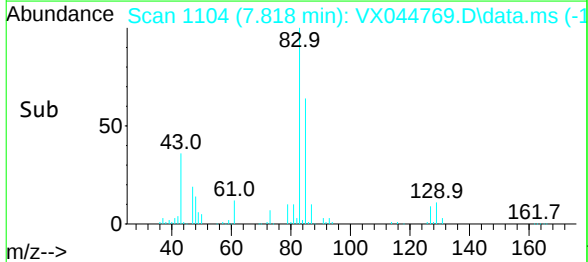
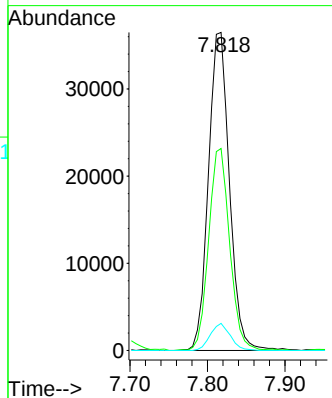
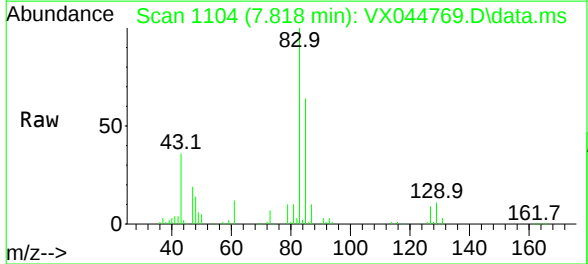
#41
 Bromodichloromethane
 Concen: 19.739 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	83	Resp:	68688
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	8.5	6.5	9.7

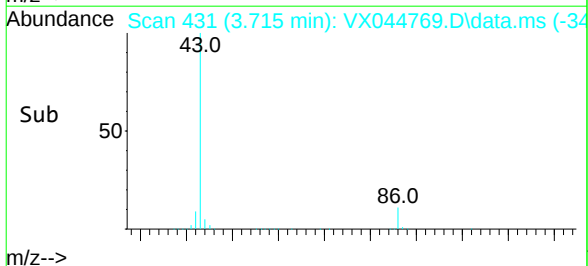
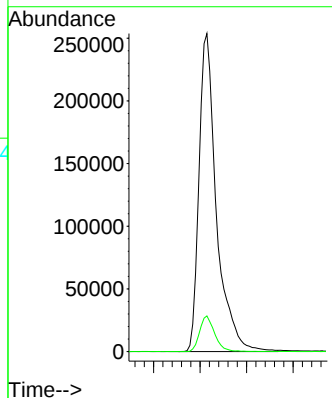
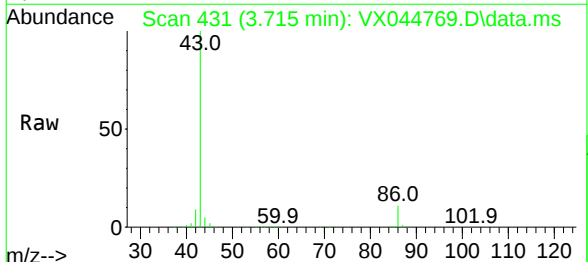
Manual Integrations
 APPROVED

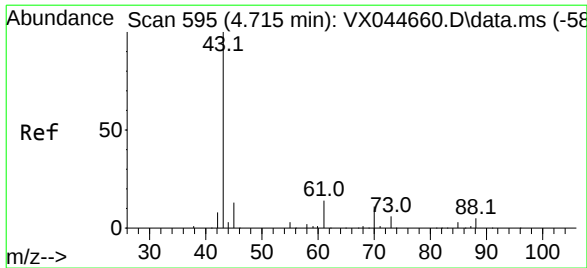
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#42
 Vinyl Acetate
 Concen: 106.320 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Tgt Ion:	43	Resp:	660882
Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.0	12.0





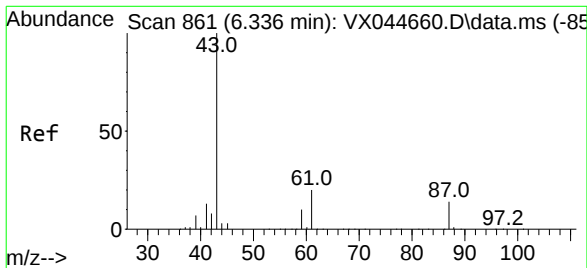
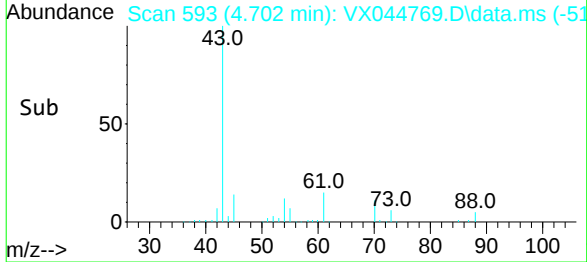
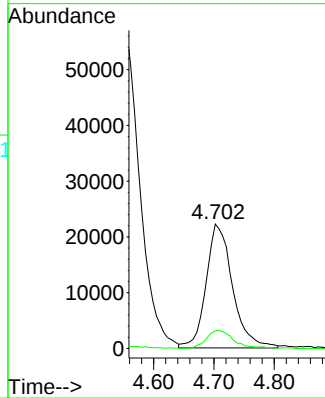
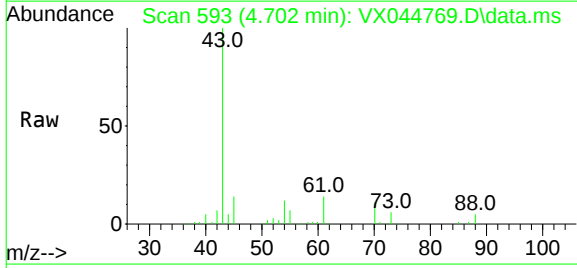
#43
Ethyl Acetate
Concen: 22.024 ug/l
RT: 4.702 min Scan# 59
Delta R.T. -0.012 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 67620
Ion Ratio Lower Upper
43 100
45 14.6 0.1 0.1#

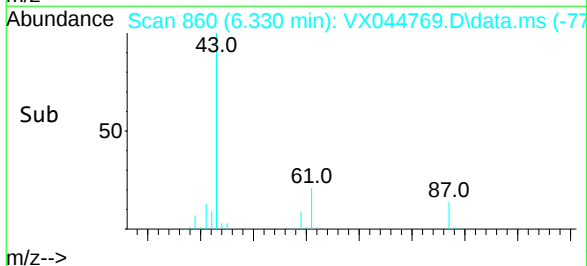
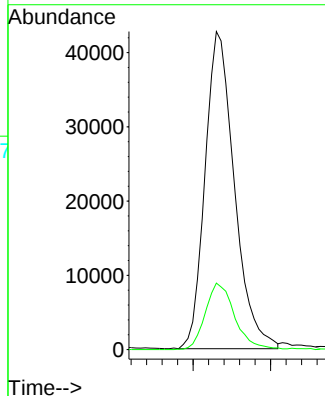
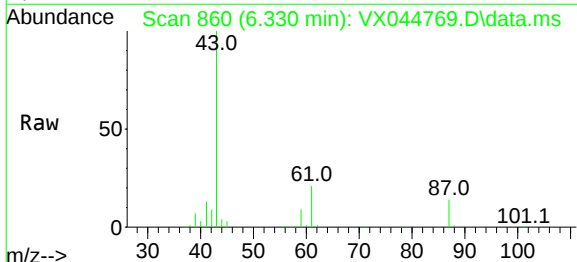
Manual Integrations
APPROVED

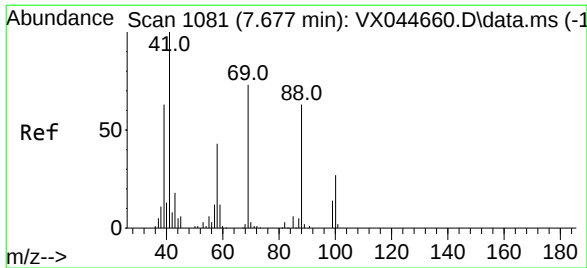
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#44
Isopropyl Acetate
Concen: 20.373 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

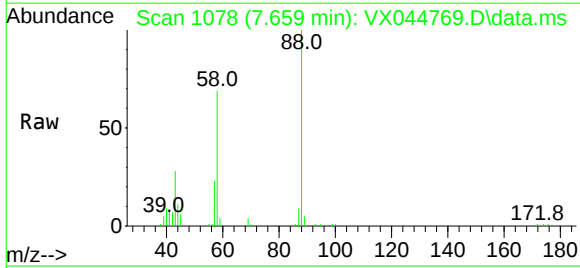
Tgt Ion: 43 Resp: 112378
Ion Ratio Lower Upper
43 100
61 21.0 16.2 24.4





#45
1,4-Dioxane
Concen: 457.656 ug/l
RT: 7.659 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

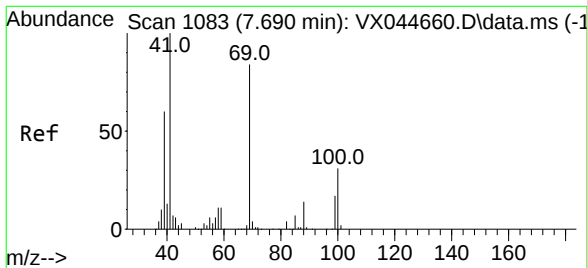
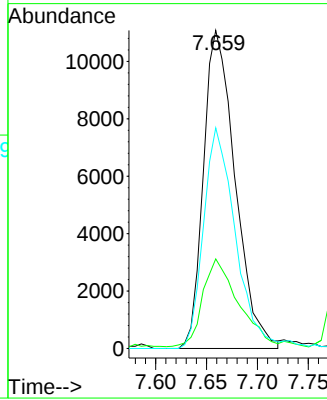
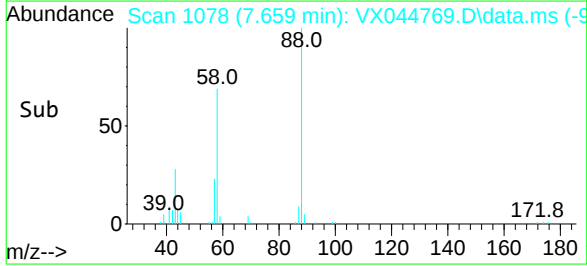
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 24038
Ion Ratio Lower Upper
88 100
43 30.7 25.9 38.9
58 69.2 58.9 88.3

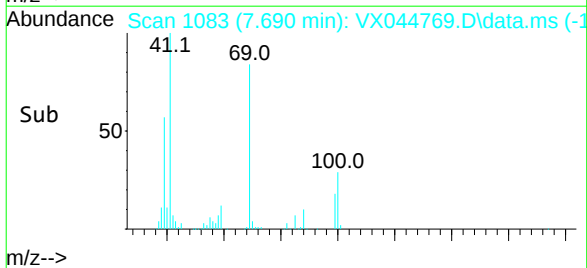
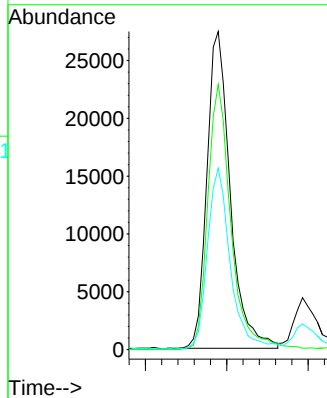
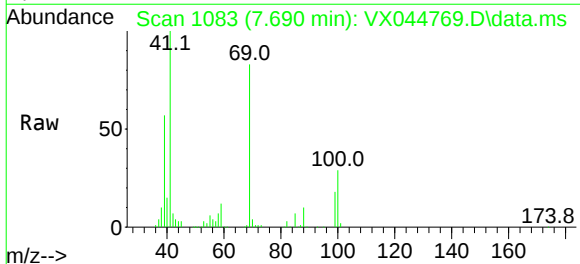
Manual Integrations
APPROVED

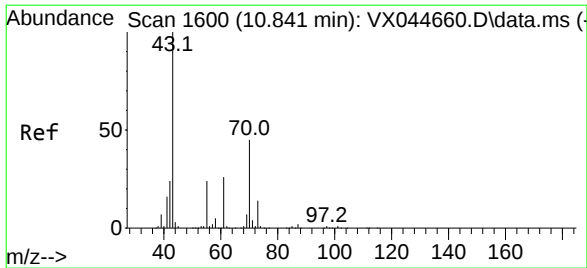
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Methyl methacrylate
Concen: 20.223 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 41 Resp: 54603
Ion Ratio Lower Upper
41 100
69 83.7 41.9 125.7
39 56.9 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.575 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 99874

Ion Ratio Lower Upper

43 100

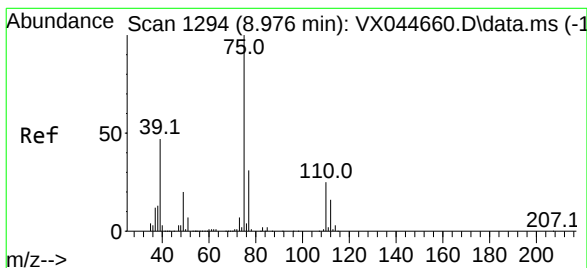
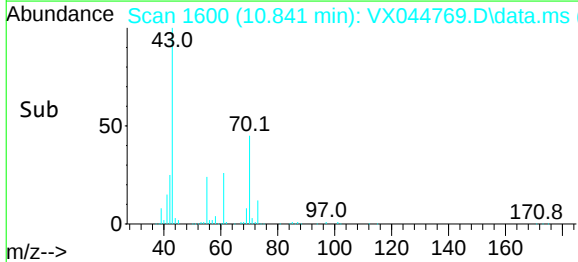
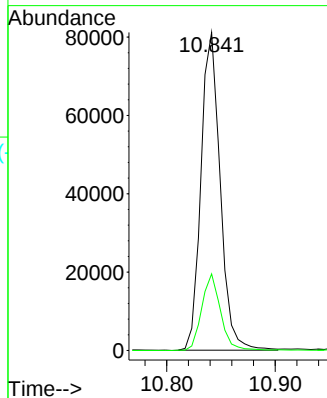
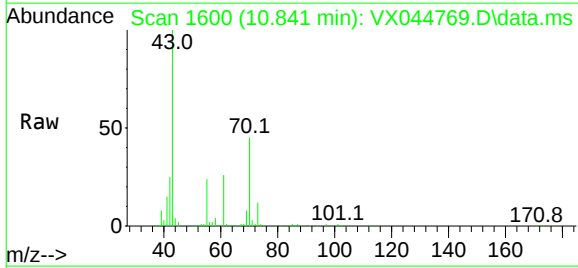
55 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#48

t-1,3-Dichloropropene

Concen: 19.438 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044769.D

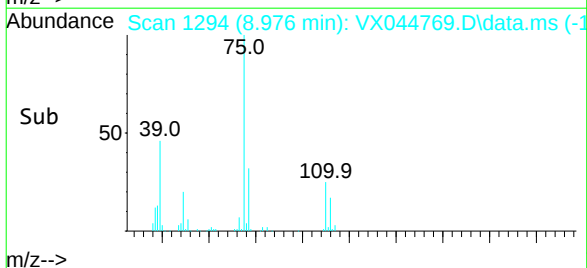
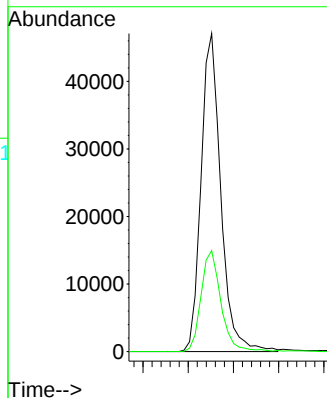
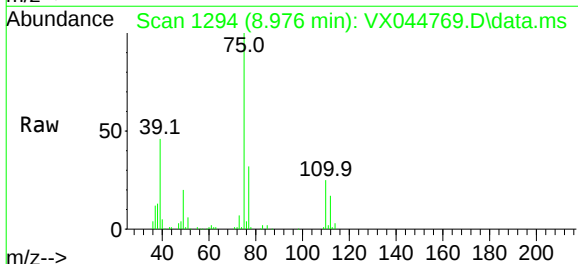
Acq: 30 Jan 2025 09:23

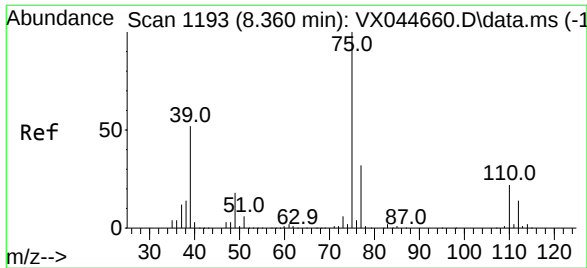
Tgt Ion: 75 Resp: 71397

Ion Ratio Lower Upper

75 100

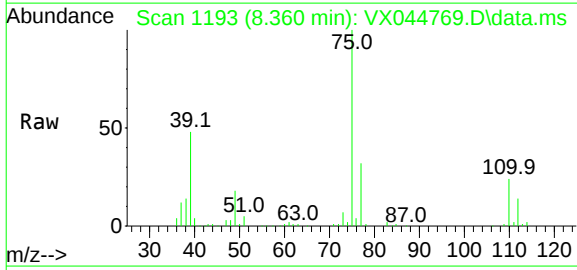
77 31.8 24.8 37.2





#49
 cis-1,3-Dichloropropene
 Concen: 20.065 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

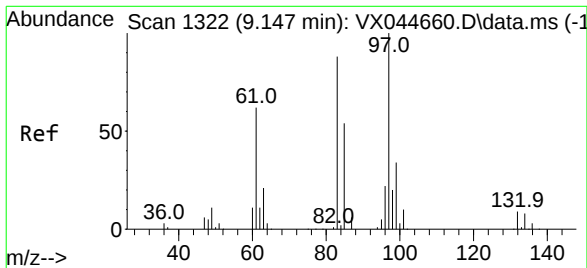
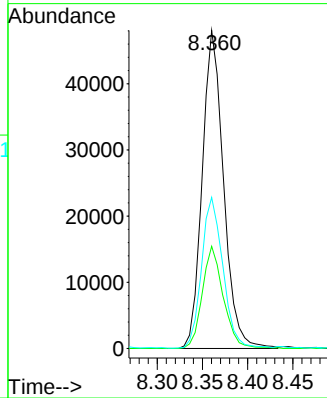
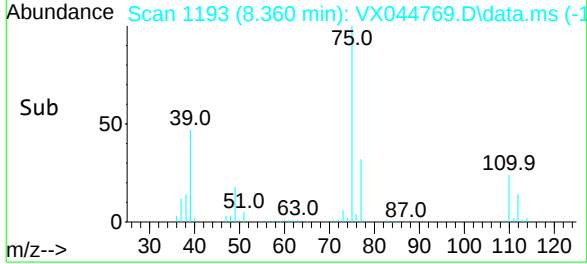
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 79025
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 47.3 41.4 62.0

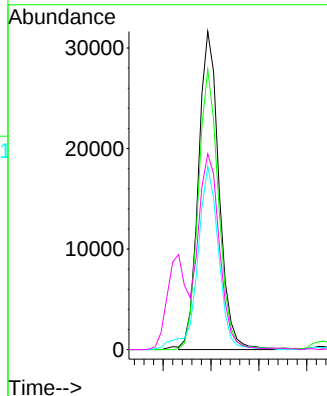
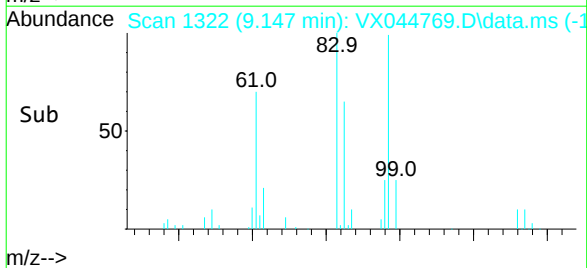
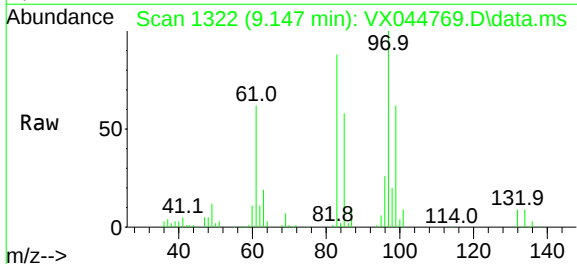
Manual Integrations
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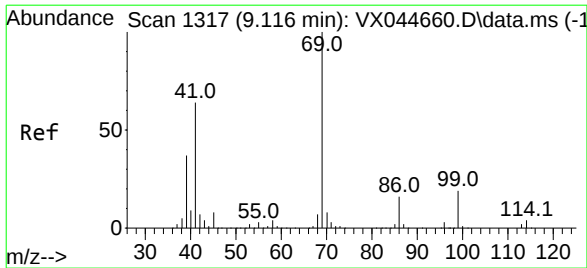
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#50
 1,1,2-Trichloroethane
 Concen: 21.793 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Tgt Ion: 97 Resp: 47302
 Ion Ratio Lower Upper
 97 100
 83 88.0 69.2 103.8
 85 57.8 44.8 67.2
 99 61.3 52.1 78.1





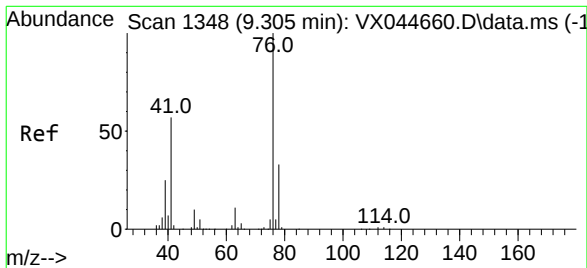
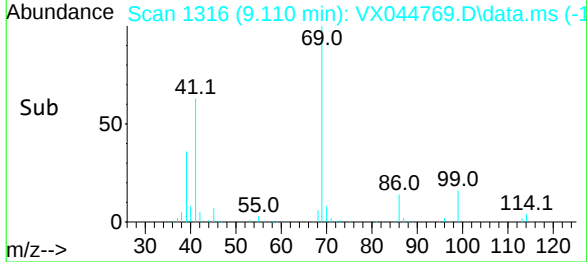
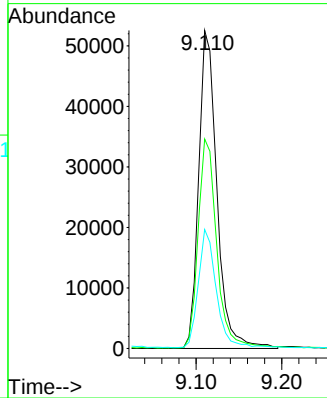
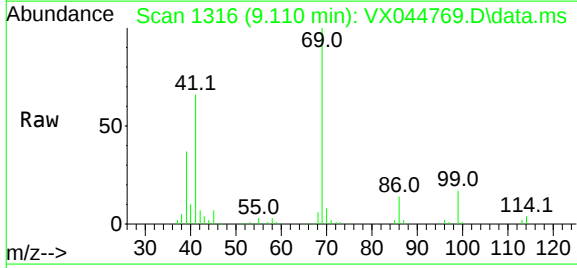
#51
Ethyl methacrylate
Concen: 20.653 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.7	32.0	96.0
39	37.1	18.6	55.6

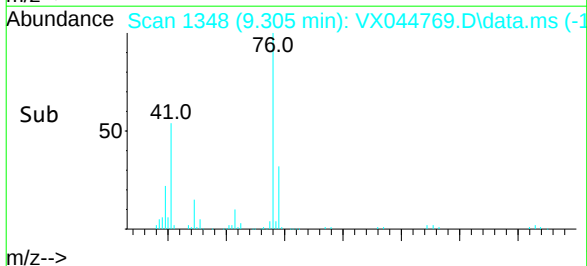
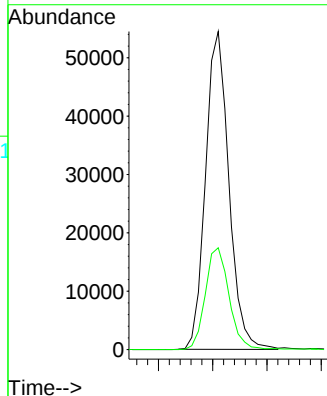
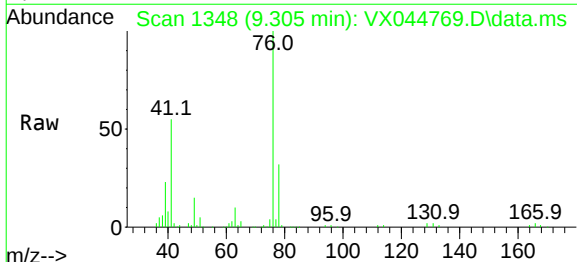
Manual Integrations
APPROVED

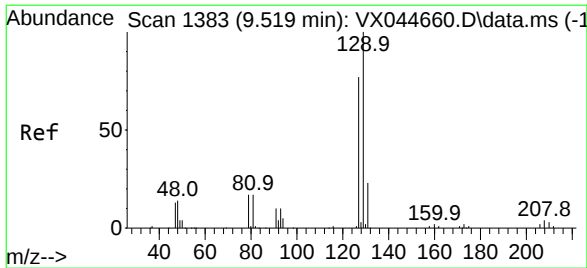
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
1,3-Dichloropropane
Concen: 21.677 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	64.0





#53

Dibromochloromethane

Concen: 20.315 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 52690

Ion Ratio Lower Upper

129 100

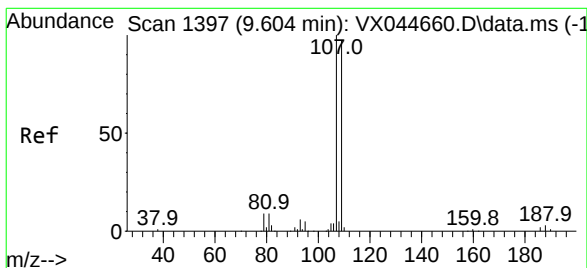
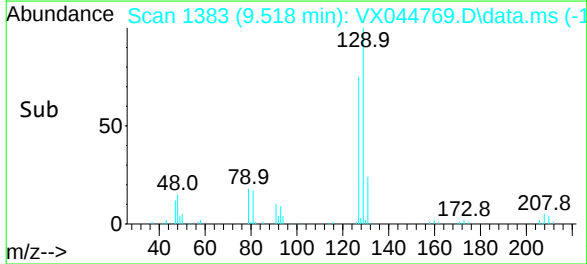
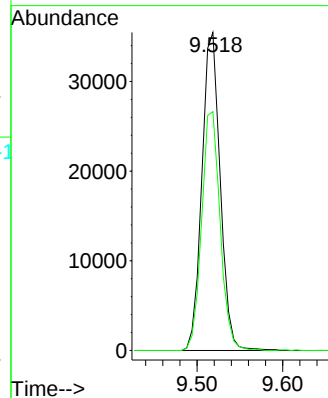
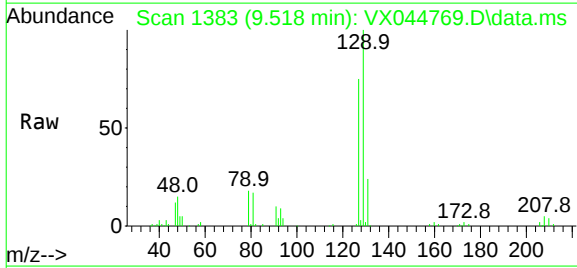
127 75.8 37.8 113.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#54

1,2-Dibromoethane

Concen: 21.036 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX044769.D

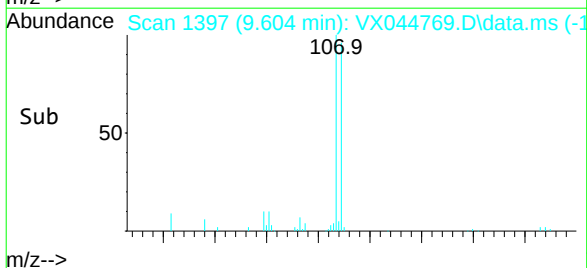
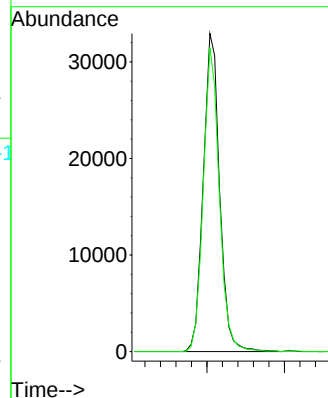
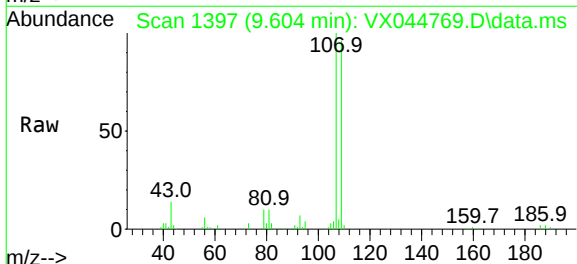
Acq: 30 Jan 2025 09:23

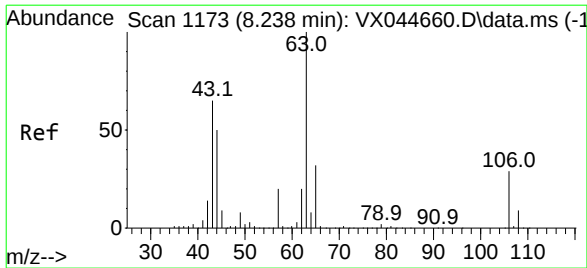
Tgt Ion:107 Resp: 48266

Ion Ratio Lower Upper

107 100

109 93.6 75.5 113.3





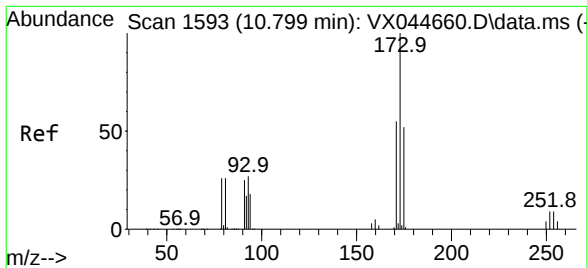
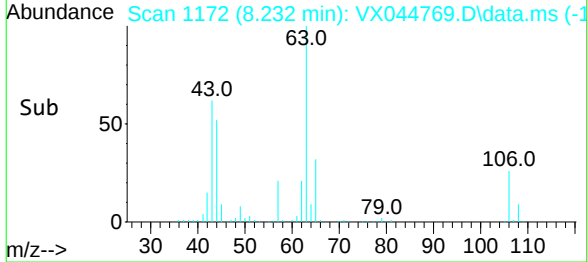
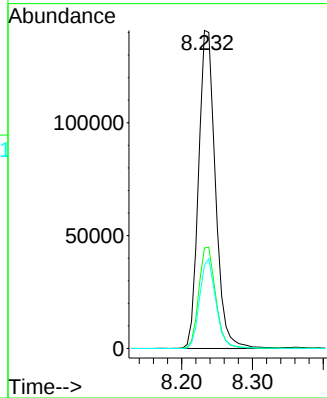
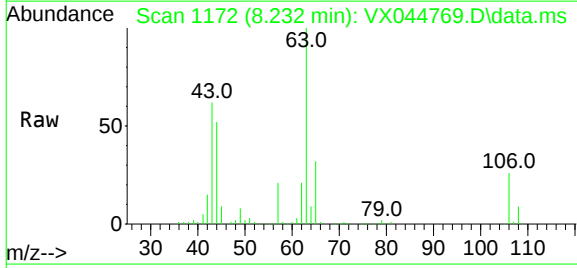
#55
2-Chloroethyl vinyl ether
Concen: 127.538 ug/l
RT: 8.232 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 233333
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.6
106 27.3 23.1 34.7

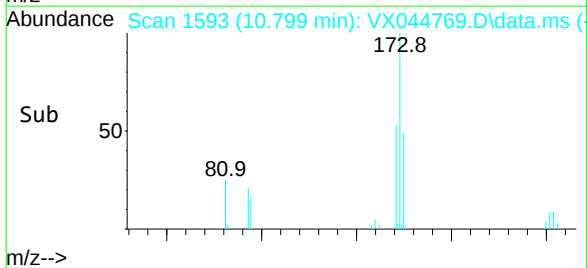
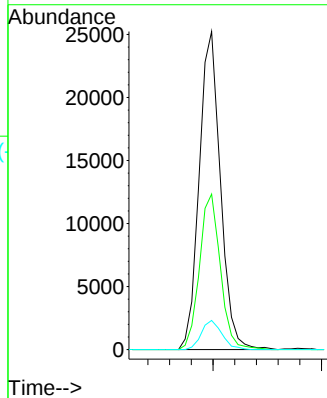
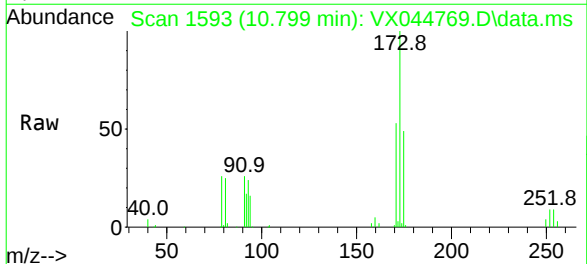
Manual Integrations
APPROVED

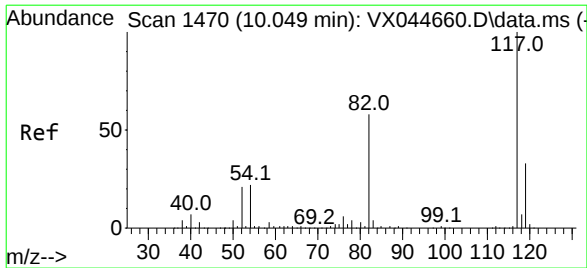
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#56
Bromoform
Concen: 19.947 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:173 Resp: 34306
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 8.9 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

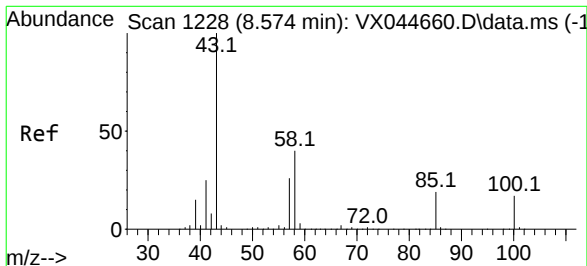
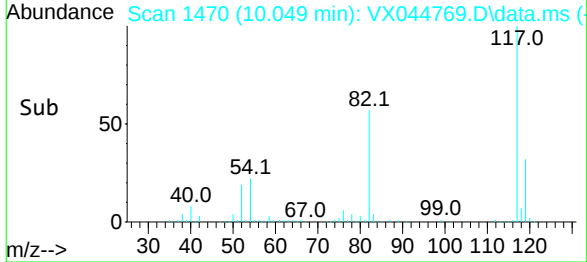
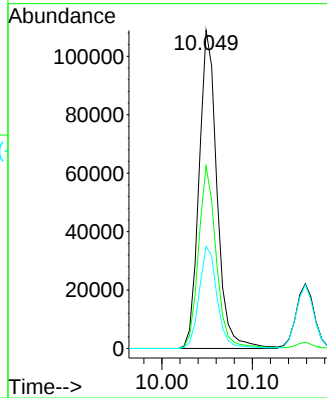
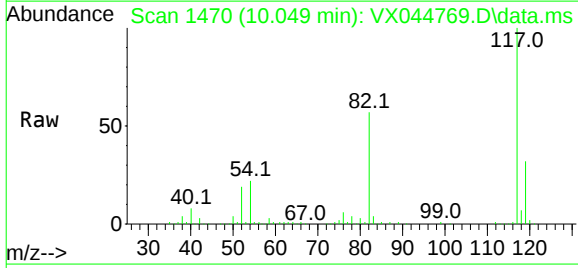
Tgt Ion:	117	Resp:	150220
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.6
119	32.3	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#58

4-Methyl-2-Pentanone

Concen: 107.223 ug/l

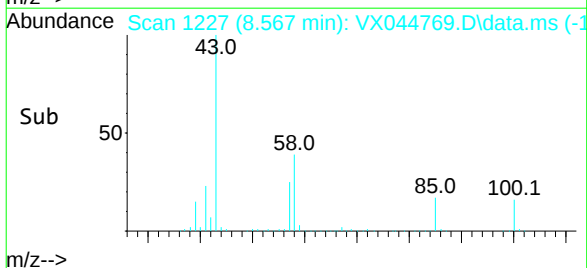
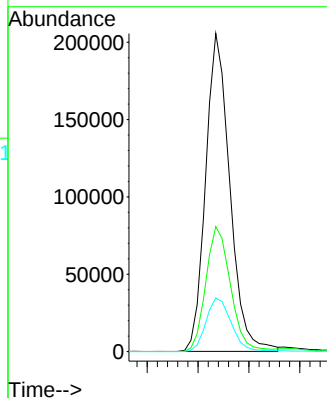
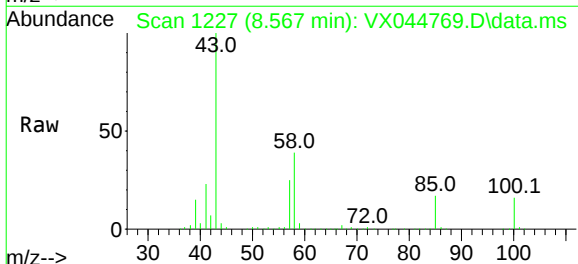
RT: 8.567 min Scan# 1227

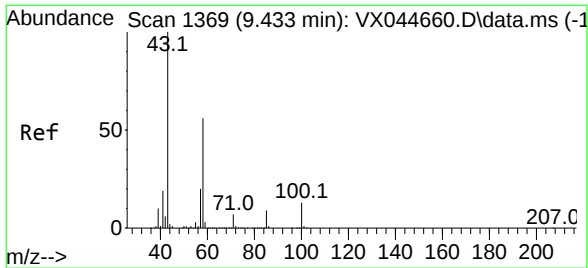
Delta R.T. -0.006 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

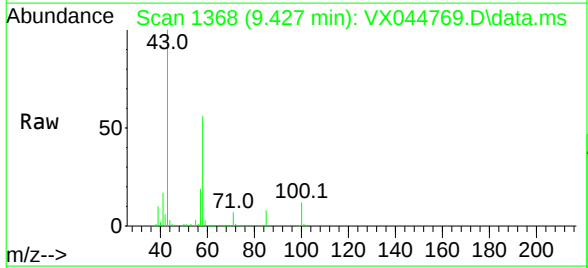
Tgt Ion:	43	Resp:	339513
Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.7	47.5
85	17.7	15.0	22.6





#59
2-Hexanone
Concen: 107.708 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

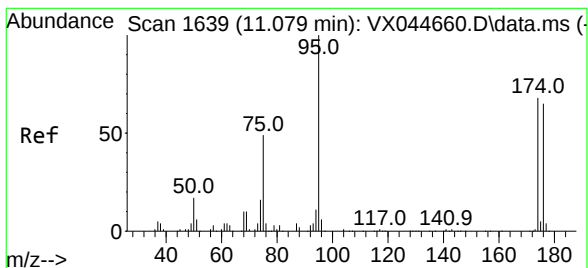
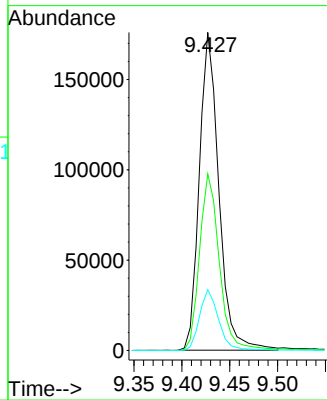
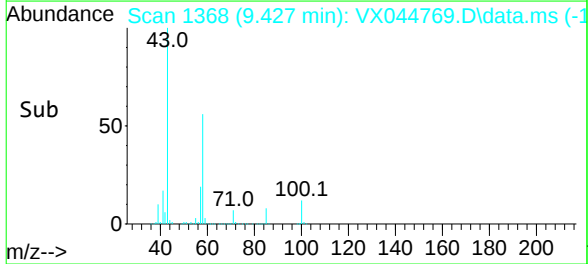
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 249683
Ion Ratio Lower Upper
43 100
58 56.3 44.4 66.6
57 18.5 15.5 23.3

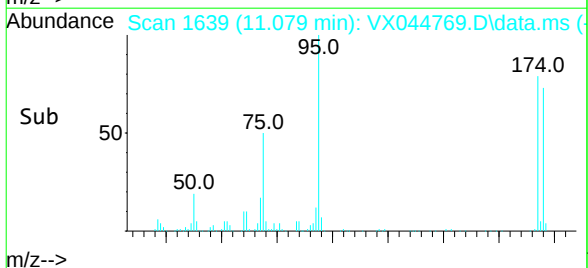
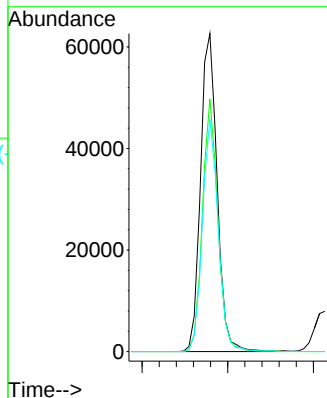
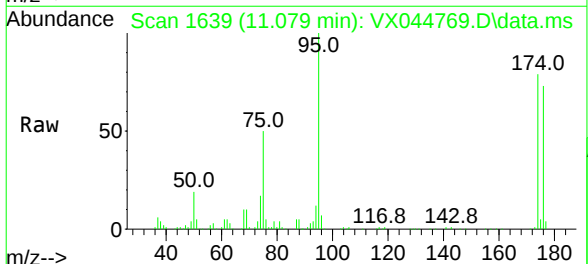
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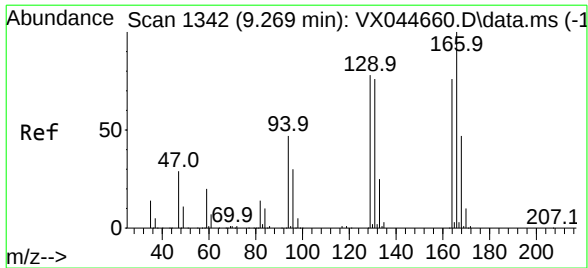
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
4-Bromofluorobenzene
Concen: 28.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

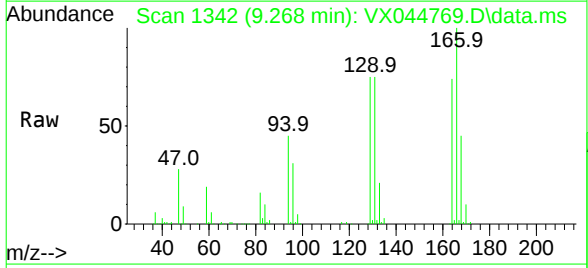
Tgt Ion: 95 Resp: 84010
Ion Ratio Lower Upper
95 100
174 74.0 54.6 81.8
176 69.8 52.8 79.2





#61
 Tetrachloroethene
 Concen: 20.953 ug/l
 RT: 9.268 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

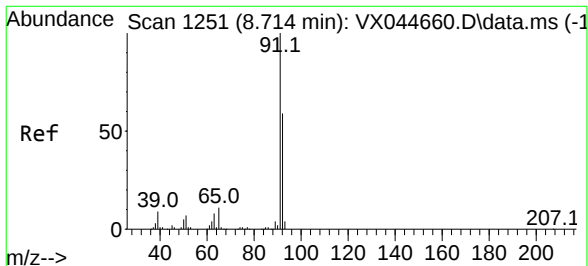
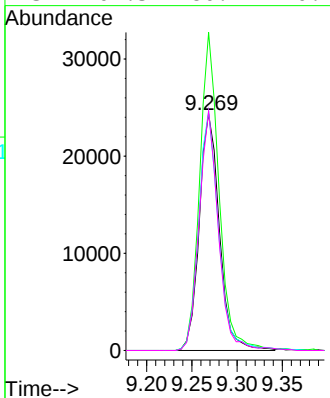
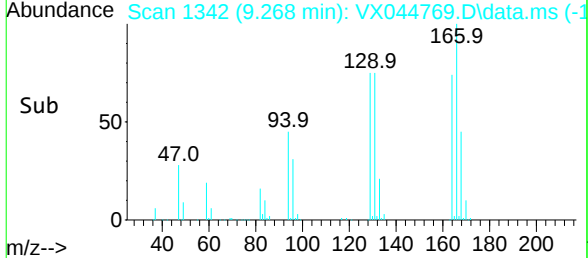
Instrument : MSVOA_X
 ClientSampleId : VSTDCCC020



Tgt Ion:	164	Resp:	37755
Ion	Ratio	Lower	Upper
164	100		
166	134.5	105.6	158.4
129	101.2	82.8	124.2
131	101.3	80.2	120.4

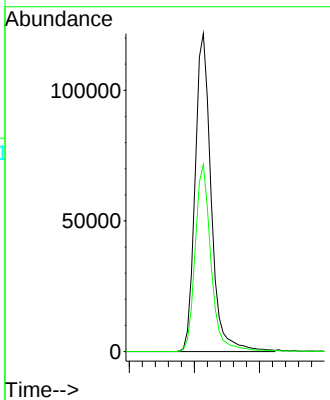
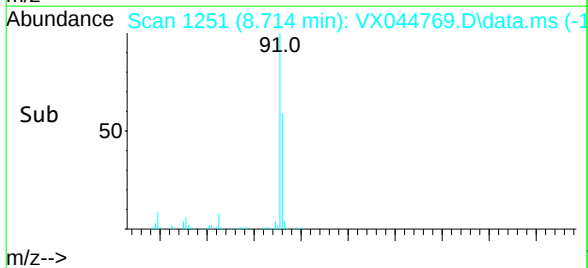
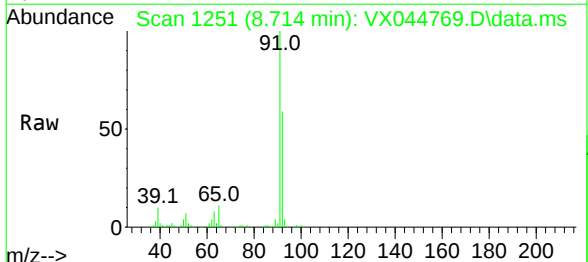
Manual Integrations
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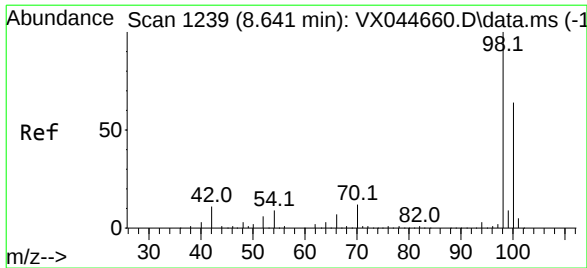
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#62
 Toluene
 Concen: 21.110 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VX044769.D
 Acq: 30 Jan 2025 09:23

Tgt Ion:	91	Resp:	208807
Ion	Ratio	Lower	Upper
91	100		
92	58.3	47.3	70.9





#63

Toluene-d8

Concen: 29.466 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 240747

Ion Ratio Lower Upper

98 100

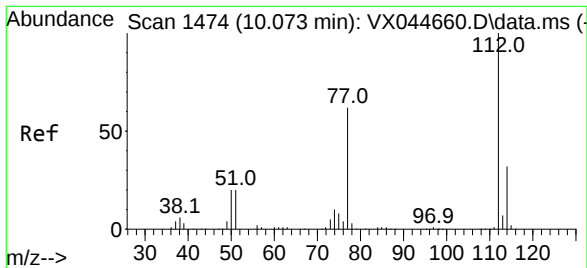
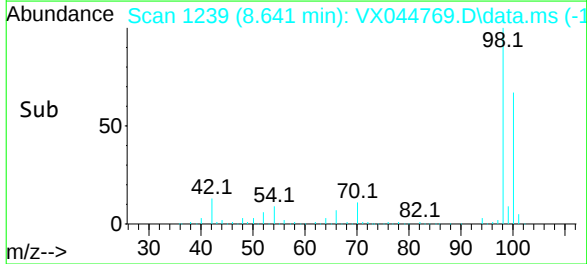
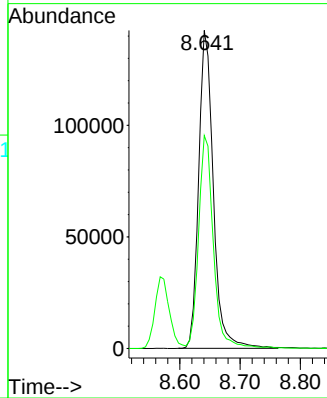
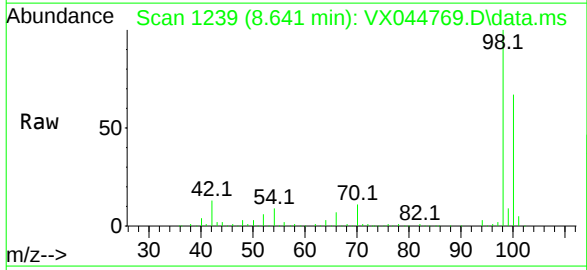
100 64.7 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#64

Chlorobenzene

Concen: 21.329 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX044769.D

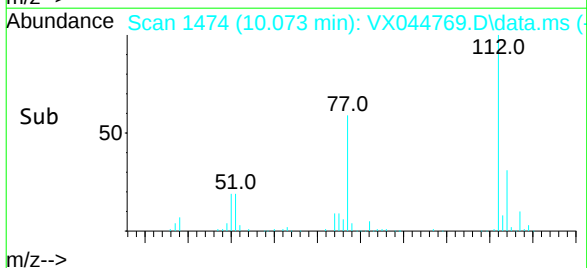
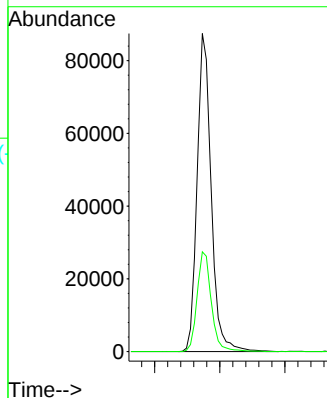
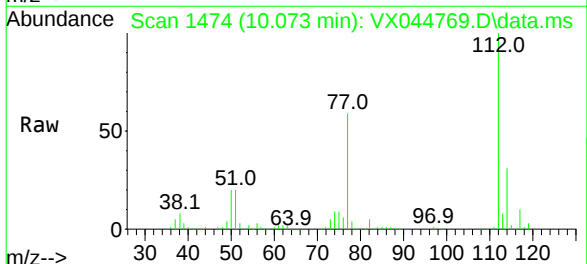
Acq: 30 Jan 2025 09:23

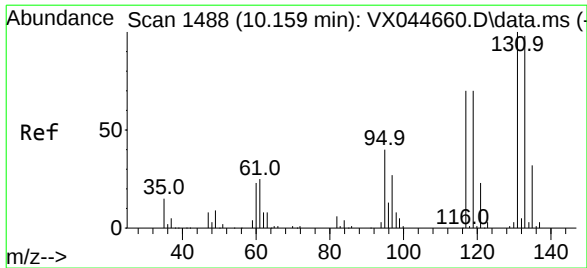
Tgt Ion:112 Resp: 131027

Ion Ratio Lower Upper

112 100

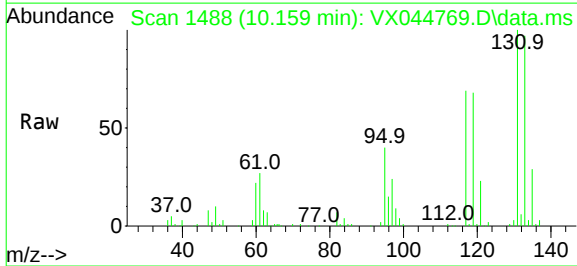
114 31.4 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 19.424 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

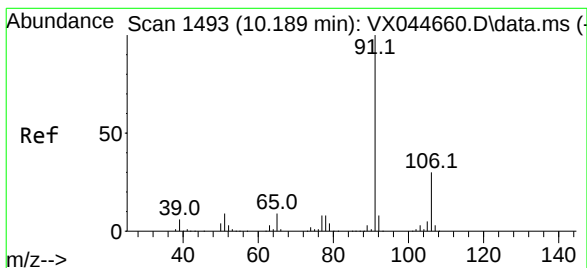
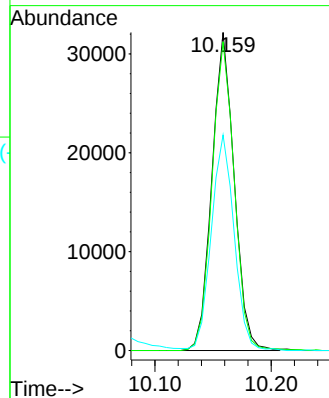
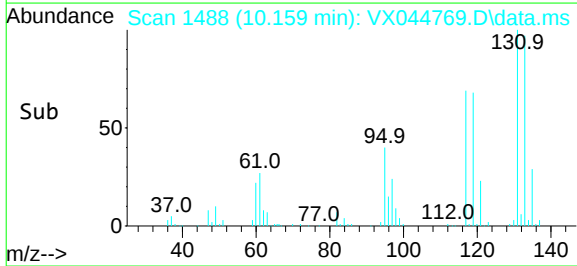
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 131 Resp: 42864
Ion Ratio Lower Upper
131 100
133 97.0 0.0 192.4
119 69.3 0.0 133.4

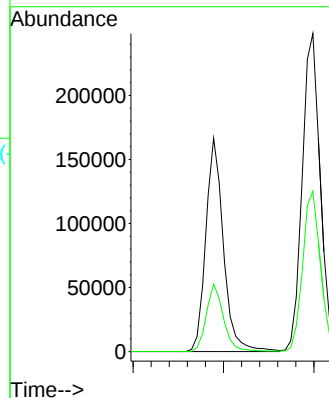
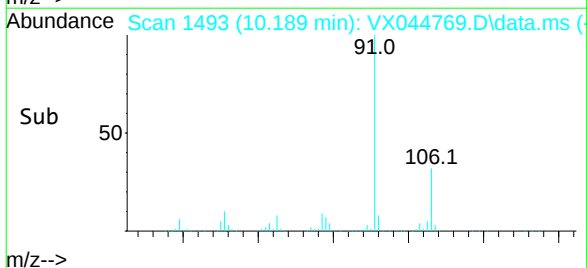
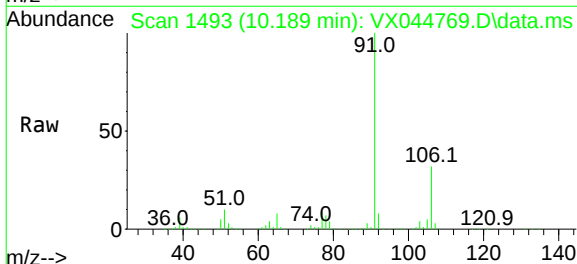
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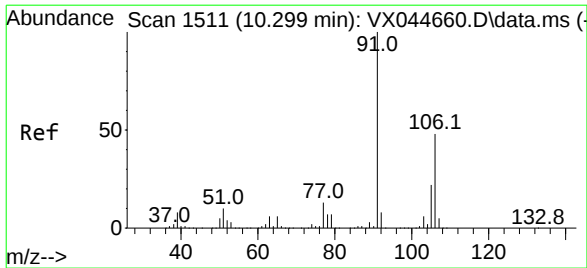
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
Ethyl Benzene
Concen: 20.931 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 91 Resp: 225942
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0





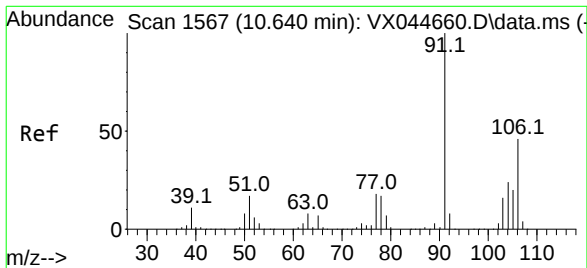
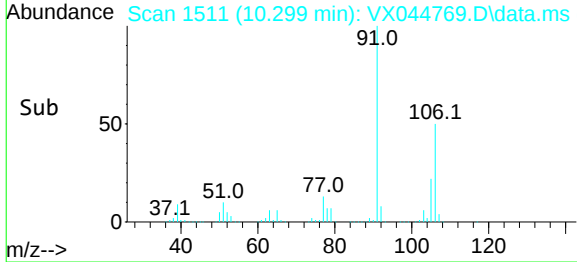
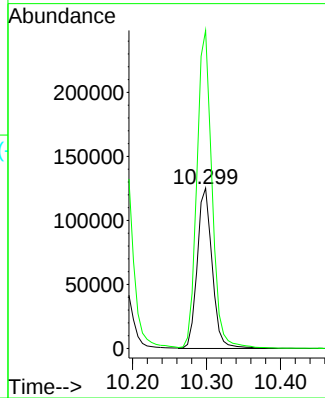
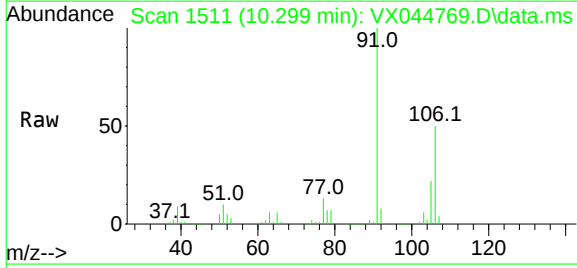
#67
m/p-Xylenes
Concen: 44.334 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 175917
Ion Ratio Lower Upper
106 100
91 199.9 166.8 250.2

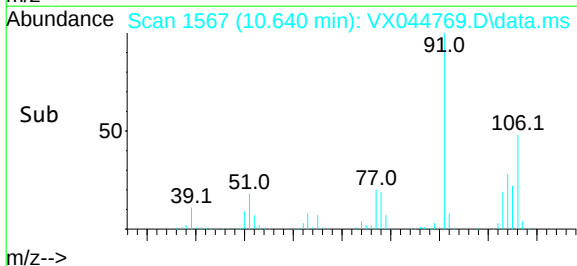
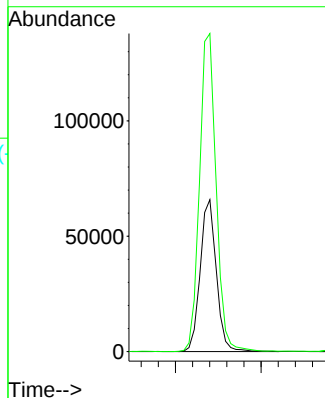
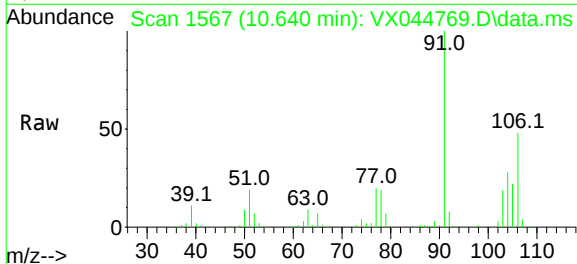
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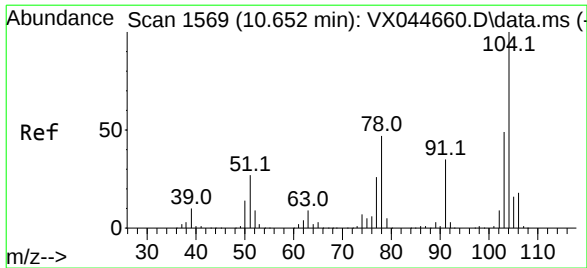
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#68
o-Xylene
Concen: 21.617 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:106 Resp: 86089
Ion Ratio Lower Upper
106 100
91 215.3 109.7 329.1





#69

Styrene

Concen: 21.741 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

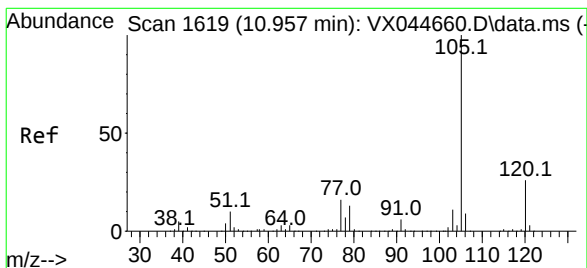
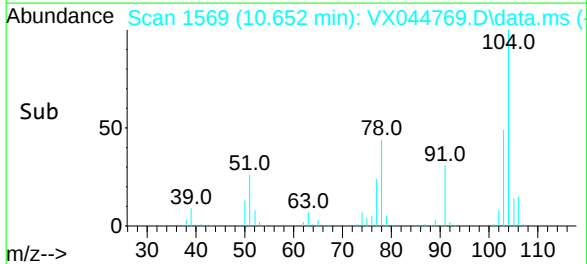
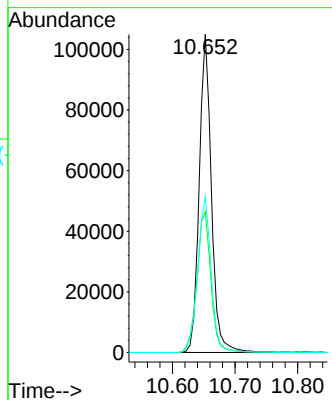
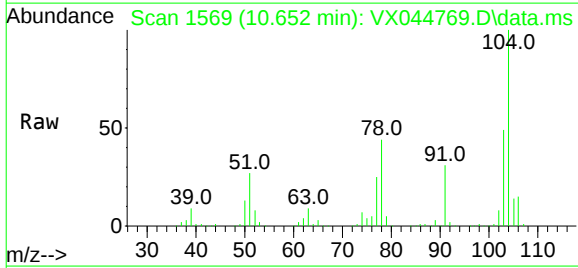
Tgt Ion:	104	Resp:	142158
Ion Ratio	Lower	Upper	
104	100		
78	50.8	42.0	63.0
103	54.0	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#70

Isopropylbenzene

Concen: 21.894 ug/l

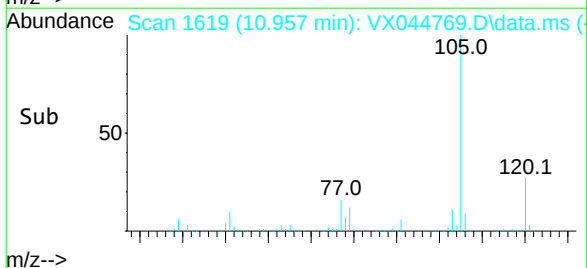
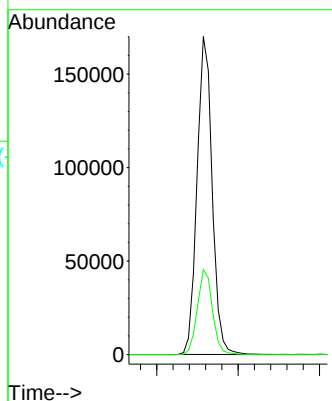
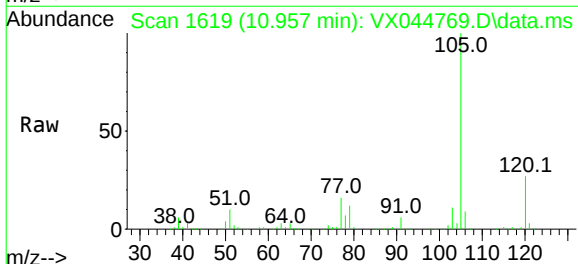
RT: 10.957 min Scan# 1619

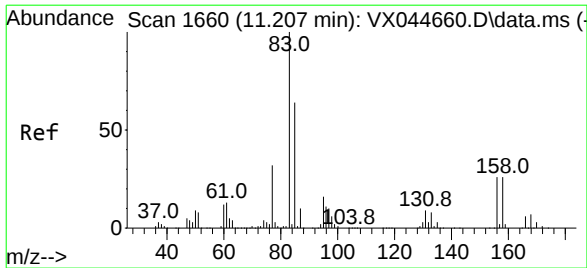
Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Tgt Ion:	105	Resp:	219191
Ion Ratio	Lower	Upper	
105	100		
120	26.7	18.6	34.6





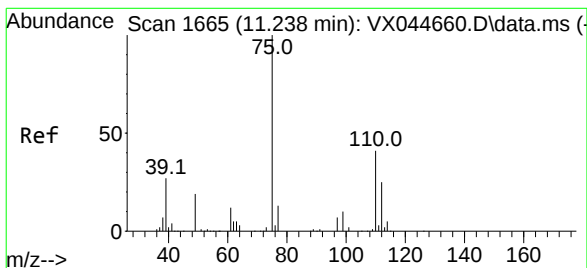
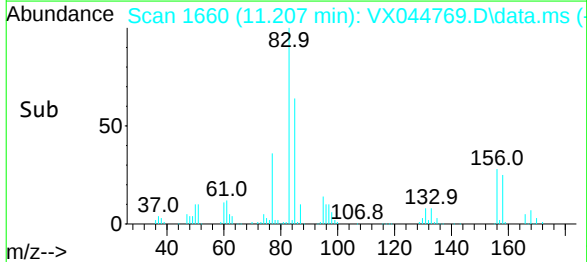
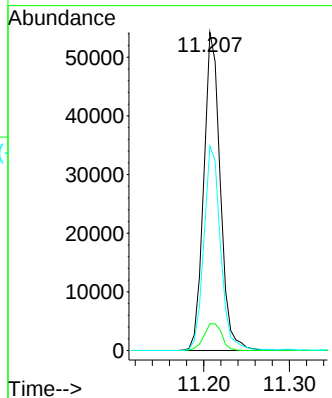
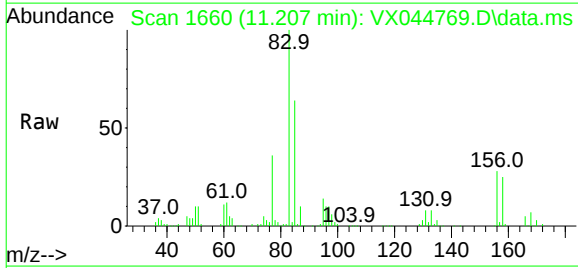
#71
1,1,2,2-Tetrachloroethane
Concen: 21.538 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	83	Resp:	72496
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	64.9	33.0	99.0

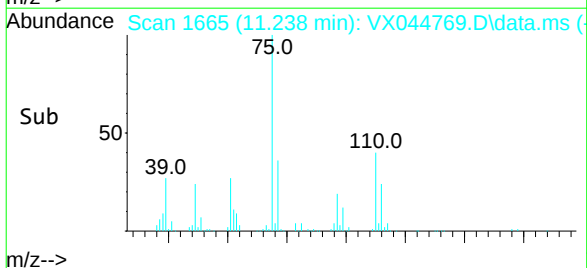
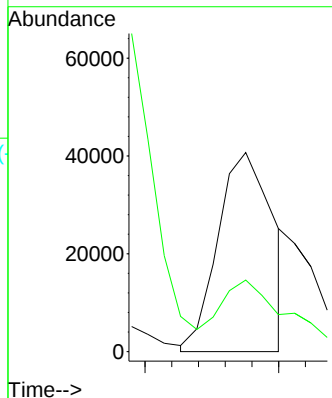
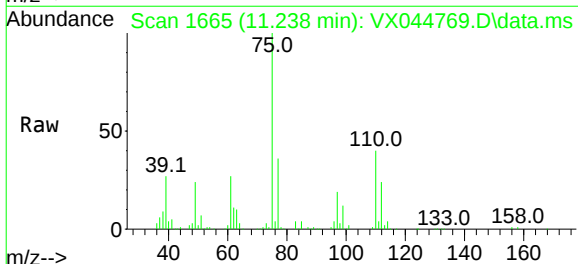
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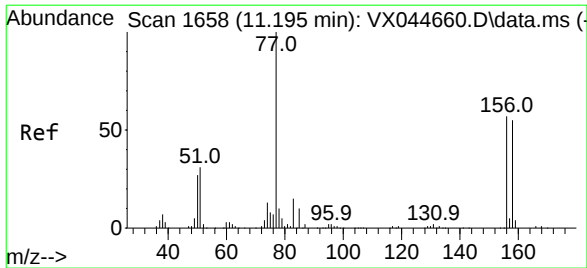
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#72
1,2,3-Trichloropropane
Concen: 20.396 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:	75	Resp:	57752
Ion	Ratio	Lower	Upper
75	100		
77	45.3	0.0	83.0





#73

Bromobenzene

Concen: 21.809 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

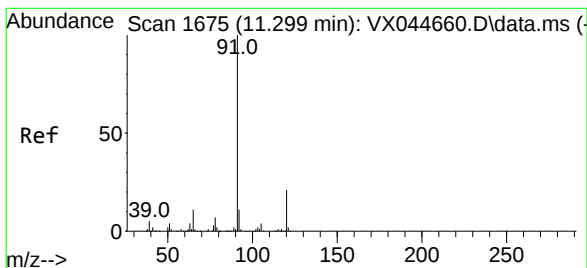
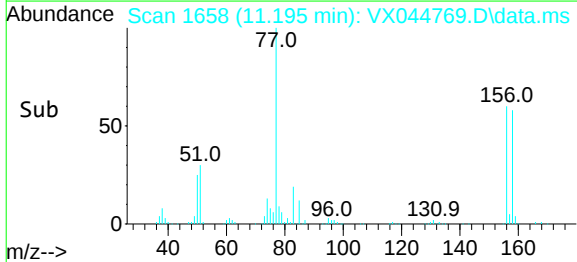
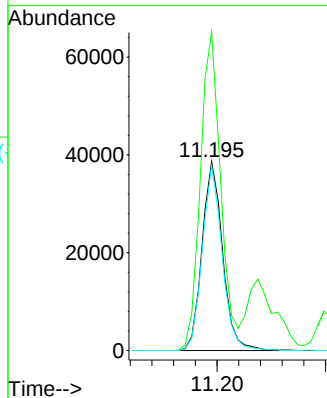
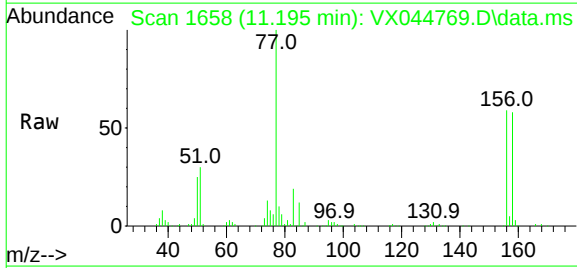
Tgt Ion:	156	Resp:	50866
Ion	Ratio	Lower	Upper
156	100		
77	166.5	0.0	354.6
158	94.2	0.0	193.6

Manual Integrations

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Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

n-propylbenzene

Concen: 22.248 ug/l

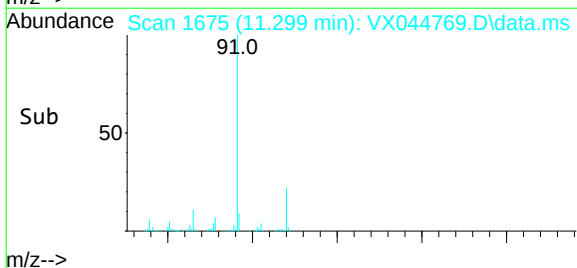
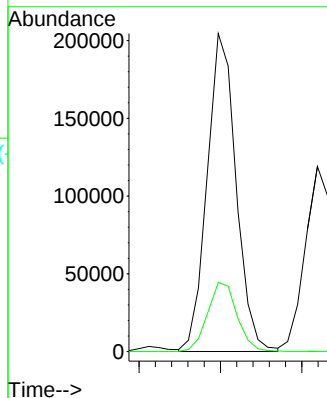
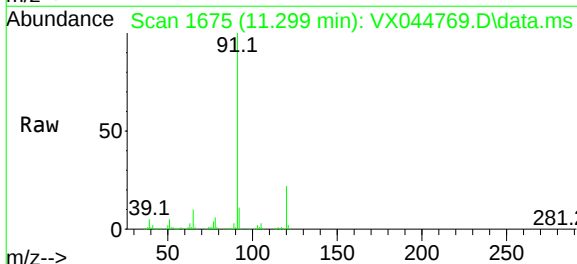
RT: 11.299 min Scan# 1675

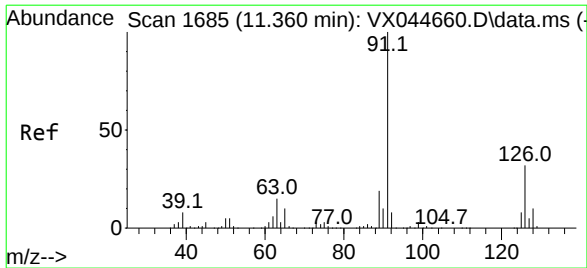
Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Tgt Ion:	91	Resp:	252990
Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.0





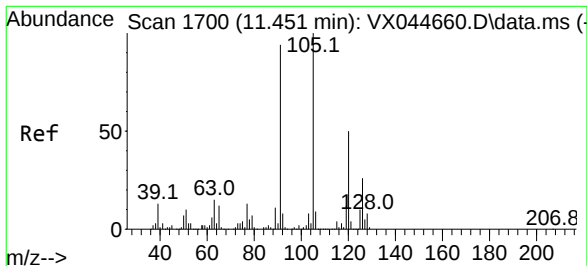
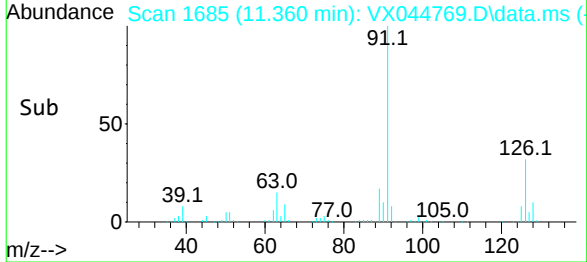
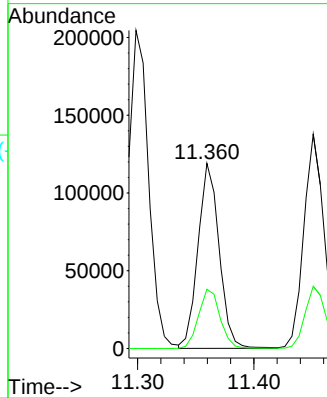
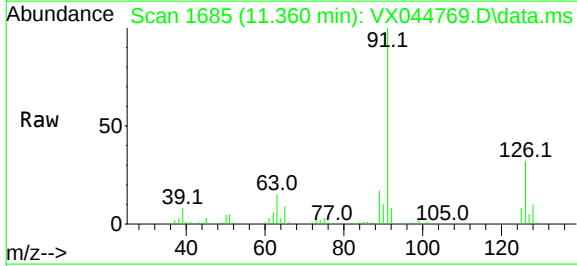
#75
2-Chlorotoluene
Concen: 21.052 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 150507
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.0

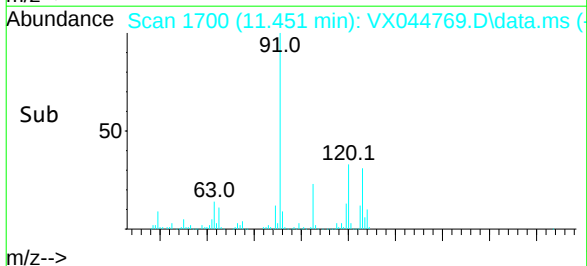
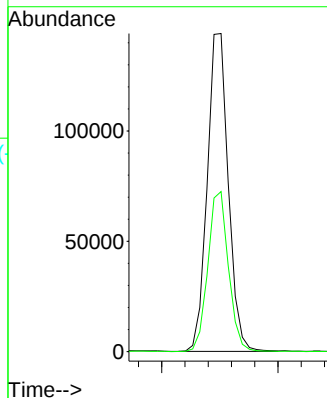
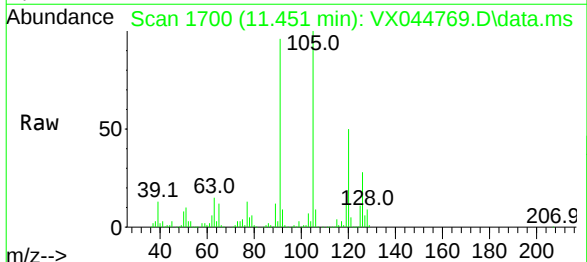
Manual Integrations
APPROVED

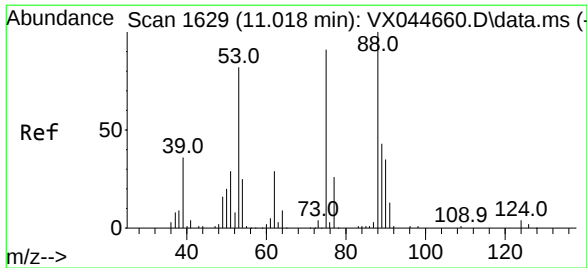
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 22.309 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

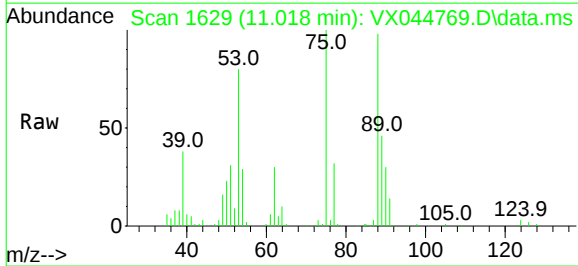
Tgt Ion:105 Resp: 181381
Ion Ratio Lower Upper
105 100
120 49.3 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.017 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

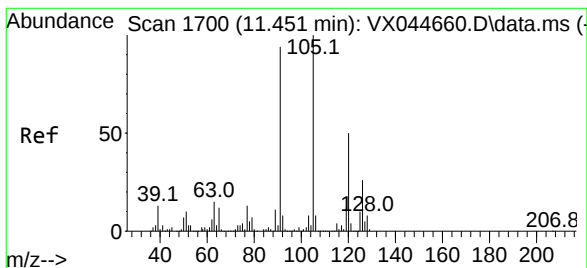
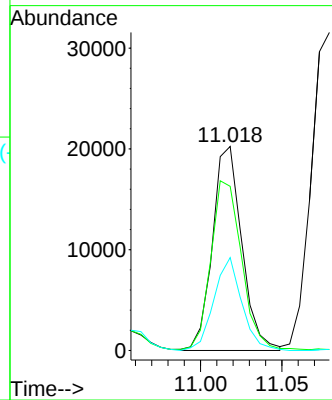
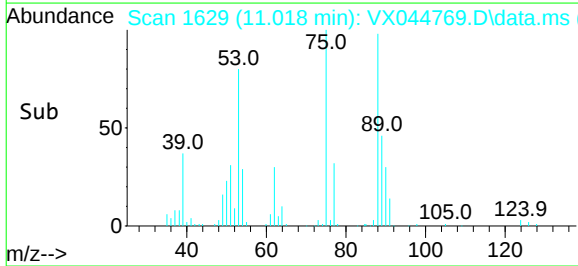
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 25474
Ion Ratio Lower Upper
75 100
53 80.4 45.3 135.9
89 45.8 23.8 71.2

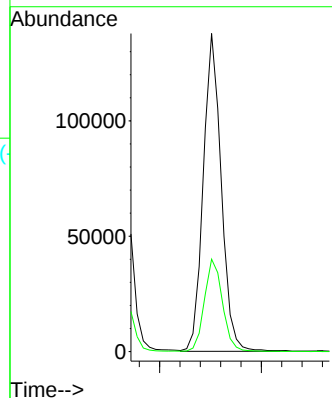
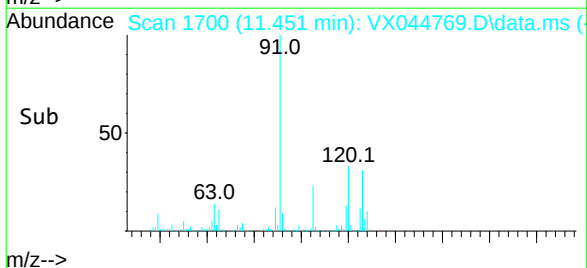
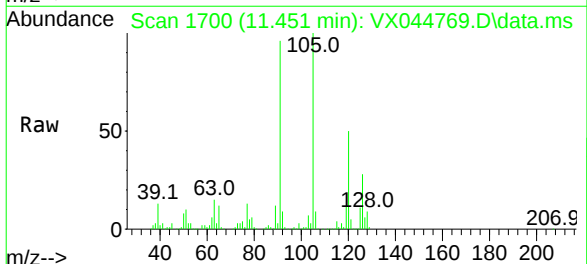
Manual Integrations
APPROVED

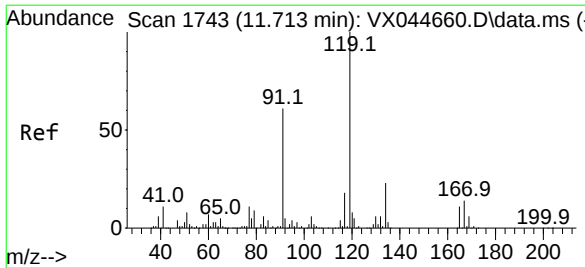
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#78
4-Chlorotoluene
Concen: 21.440 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion: 91 Resp: 168899
Ion Ratio Lower Upper
91 100
126 29.5 0.0 55.4





#79

tert-butylbenzene

Concen: 22.216 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 185558

Ion Ratio Lower Upper

119 100

91 56.7 0.0 119.0

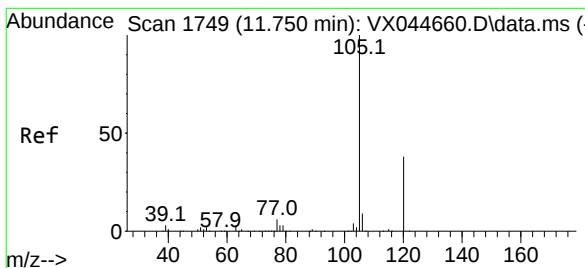
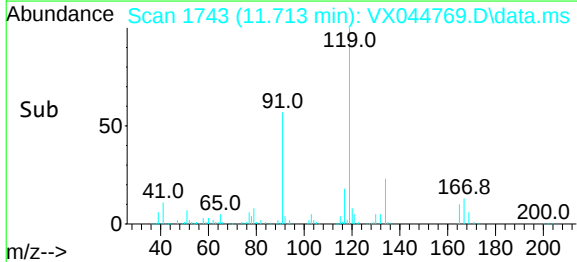
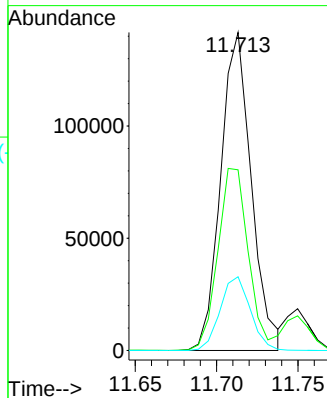
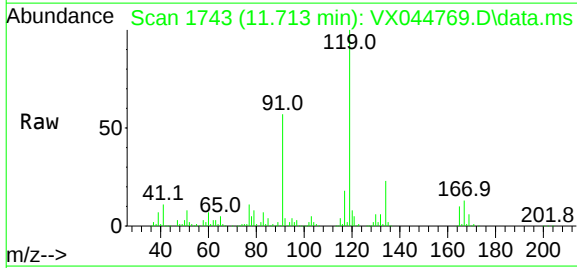
134 22.9 0.0 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#80

1,2,4-Trimethylbenzene

Concen: 21.527 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044769.D

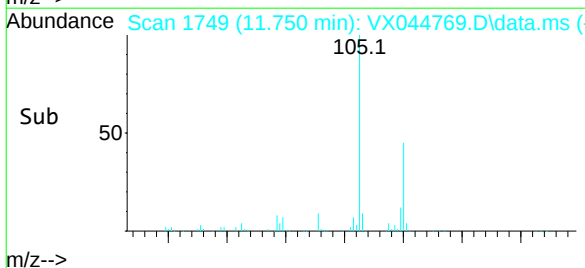
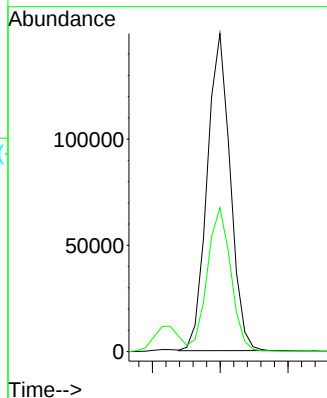
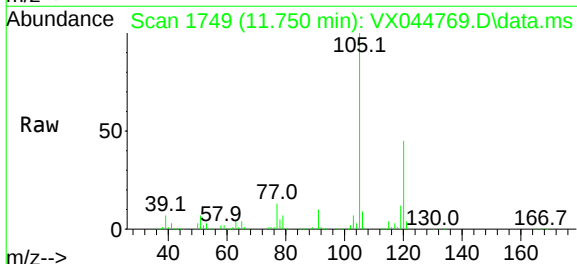
Acq: 30 Jan 2025 09:23

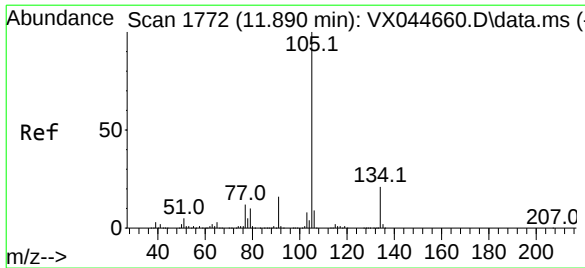
Tgt Ion:105 Resp: 176588

Ion Ratio Lower Upper

105 100

120 46.4 0.0 88.4





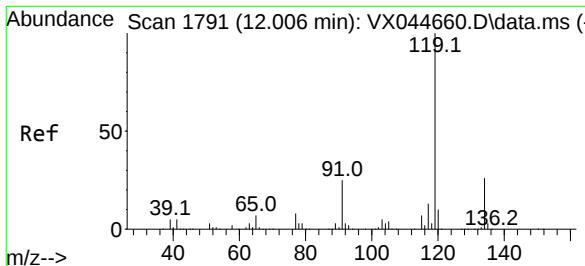
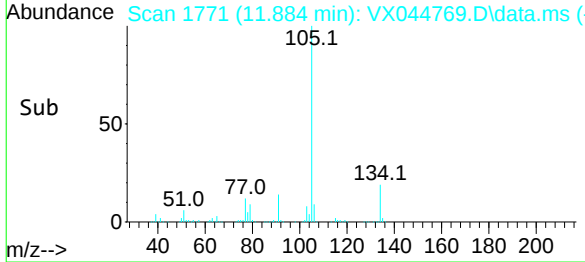
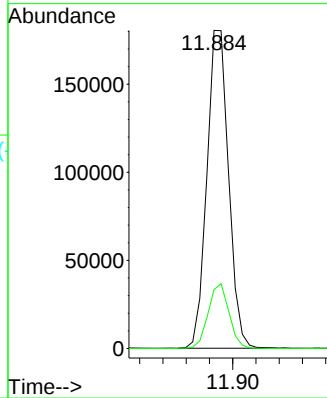
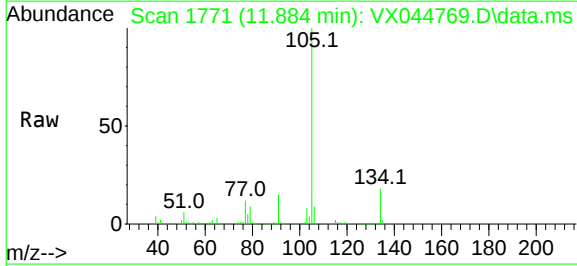
#81
sec-Butylbenzene
Concen: 23.454 ug/l
RT: 11.884 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 233927
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.6

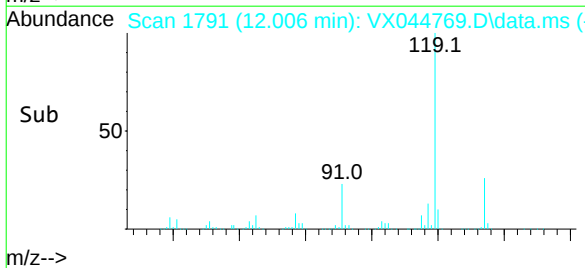
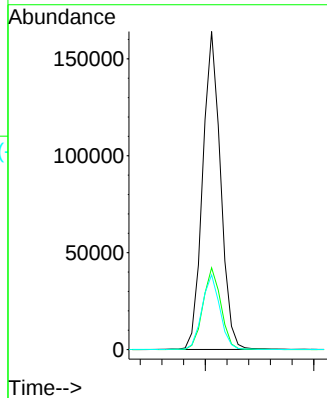
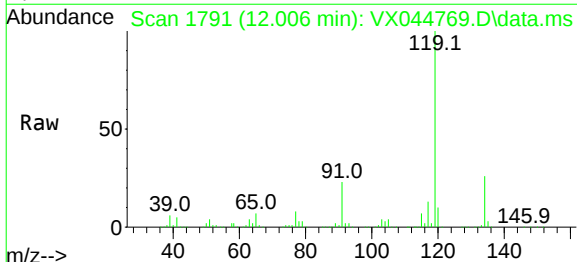
Manual Integrations
APPROVED

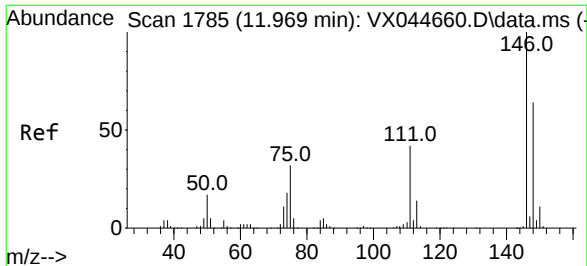
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
p-Isopropyltoluene
Concen: 22.896 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:119 Resp: 187942
Ion Ratio Lower Upper
119 100
134 25.8 0.0 52.2
91 23.2 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 21.901 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

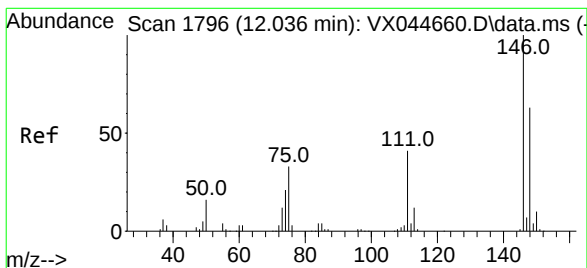
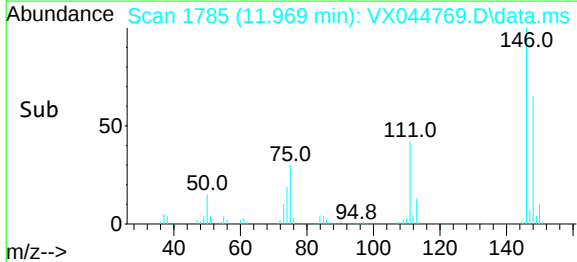
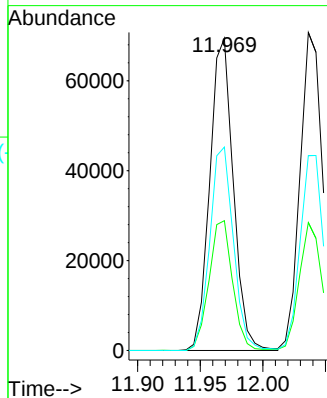
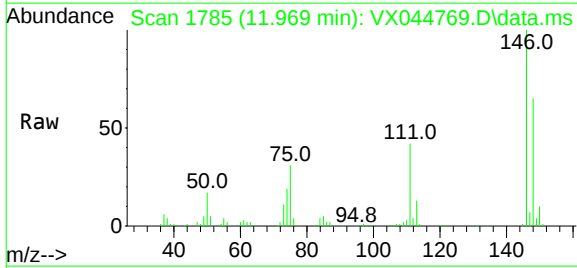
Tgt Ion:	146	Resp:	90729
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.6	64.6
148	65.5	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#84

1,4-Dichlorobenzene

Concen: 22.535 ug/l

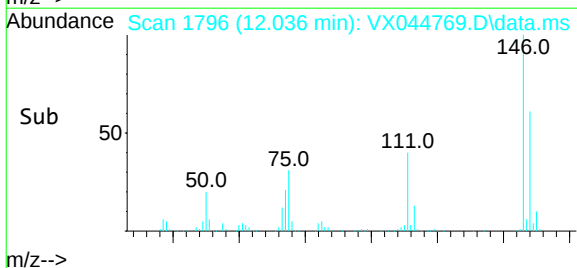
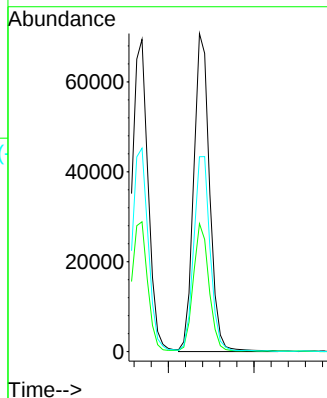
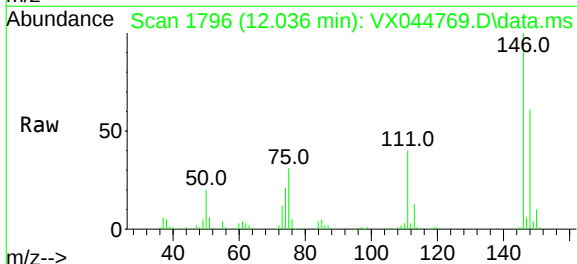
RT: 12.036 min Scan# 1796

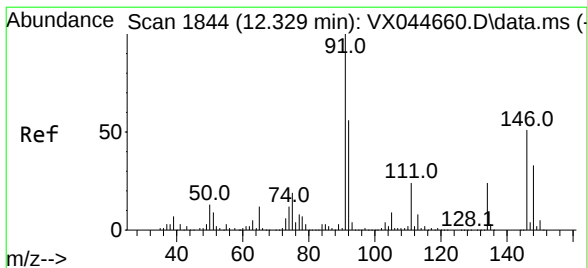
Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

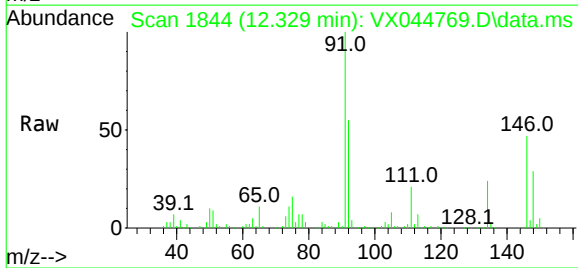
Tgt Ion:	146	Resp:	91517
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.8	62.5
148	63.0	32.1	96.5





#85
n-Butylbenzene
Concen: 23.418 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

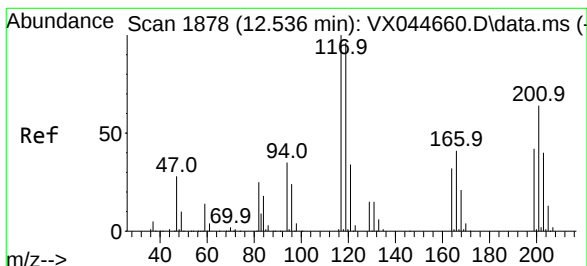
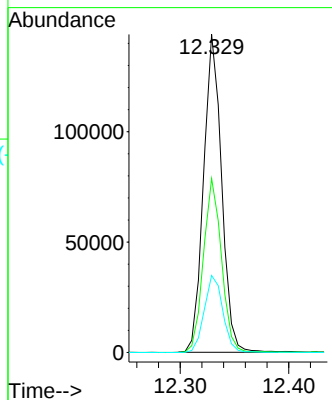
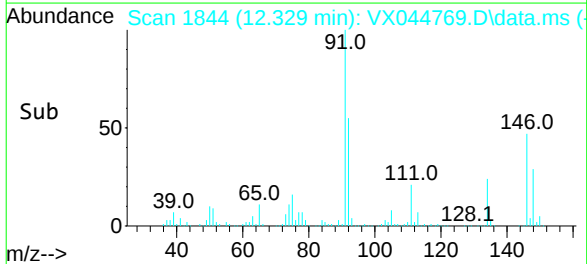
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 166628
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.4
134 24.9 0.0 49.2

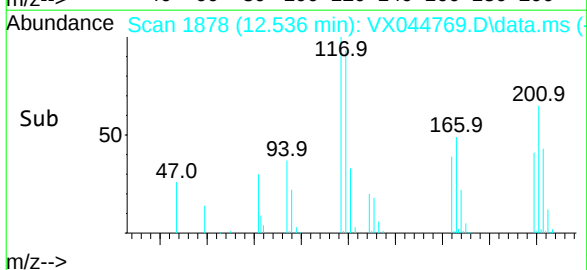
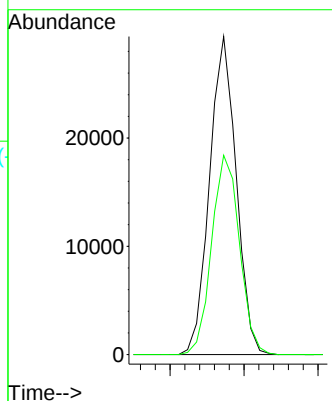
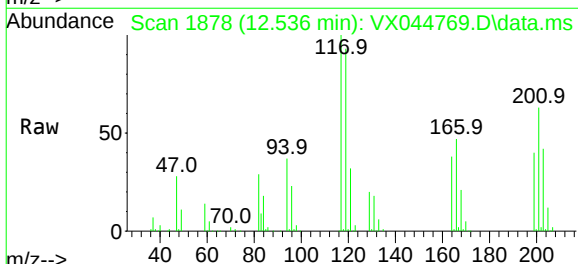
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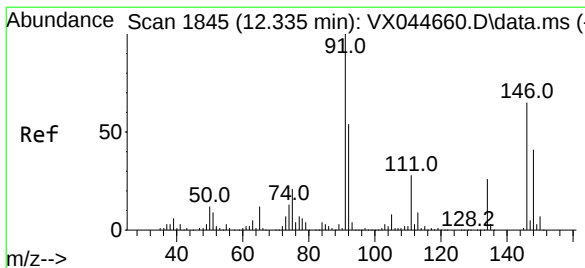
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#86
Hexachloroethane
Concen: 20.395 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:117 Resp: 36829
Ion Ratio Lower Upper
117 100
201 65.3 33.0 98.9





#87

1,2-Dichlorobenzene

Concen: 22.280 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

Instrument :

MSVOA_X

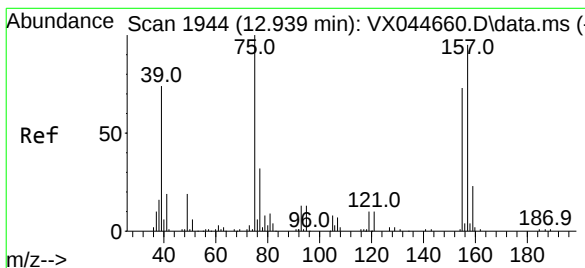
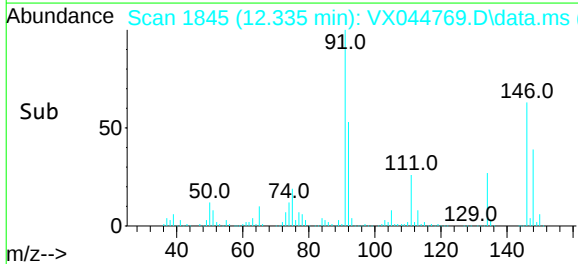
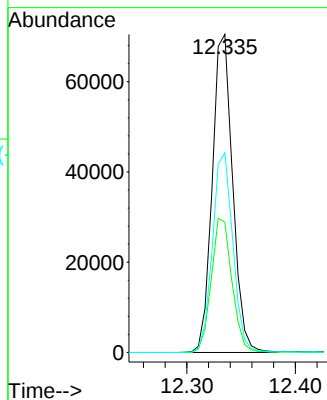
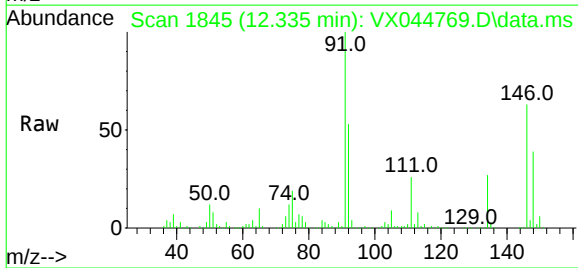
ClientSampleId :

VSTDCCC020

Tgt Ion:	146	Resp:	92167
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.2	66.6
148	62.5	32.1	96.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.900 ug/l

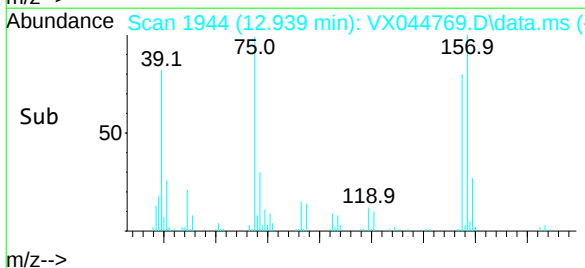
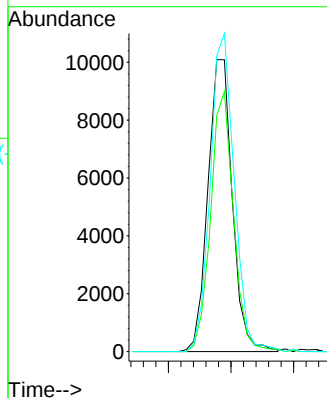
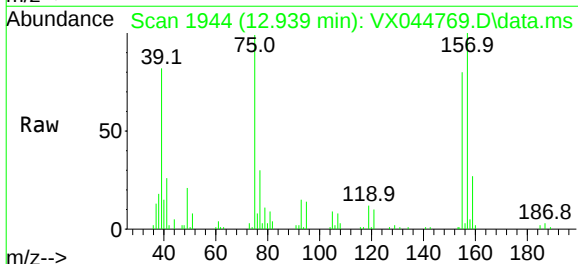
RT: 12.939 min Scan# 1944

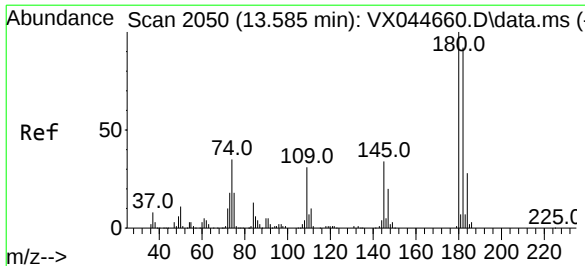
Delta R.T. -0.000 min

Lab File: VX044769.D

Acq: 30 Jan 2025 09:23

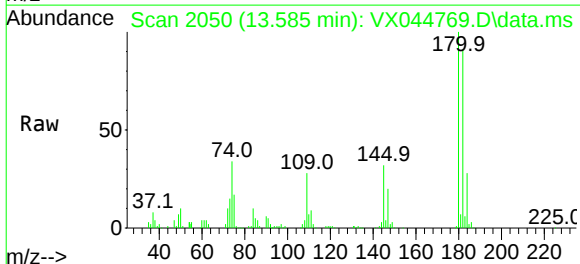
Tgt Ion:	75	Resp:	13700
Ion	Ratio	Lower	Upper
75	100		
155	83.2	62.3	93.5
157	107.0	79.9	119.9





#89
1,2,4-Trichlorobenzene
Concen: 21.738 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

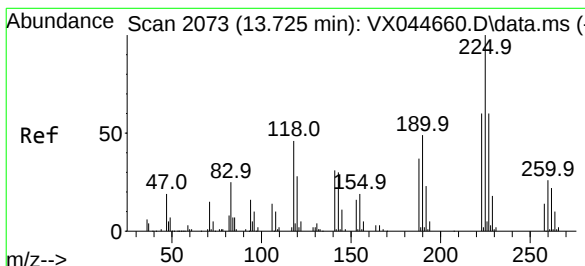
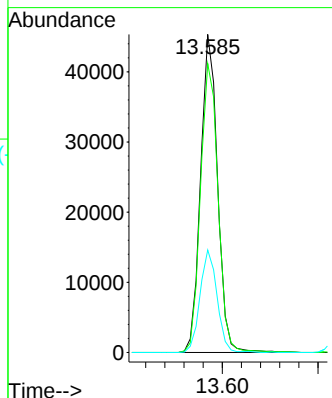
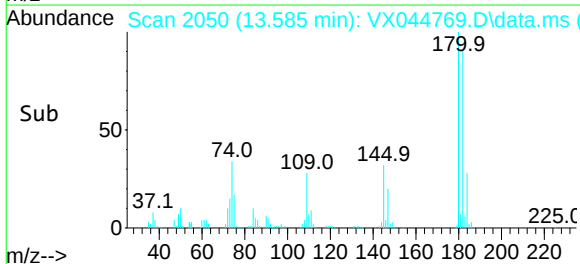
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



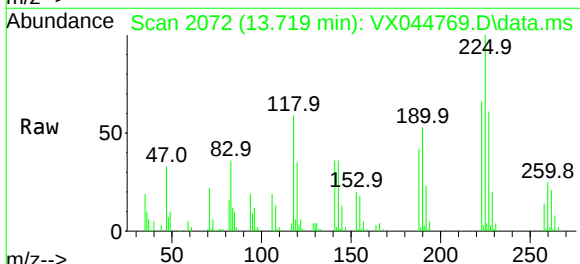
Tgt Ion:180 Resp: 55884
Ion Ratio Lower Upper
180 100
182 94.0 75.6 113.4
145 32.1 26.6 40.0

Manual Integrations
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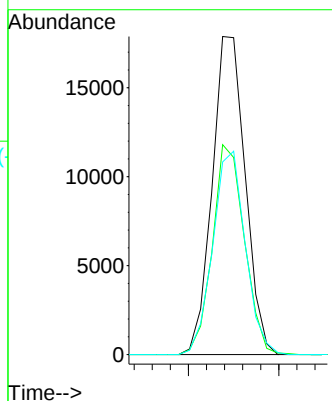
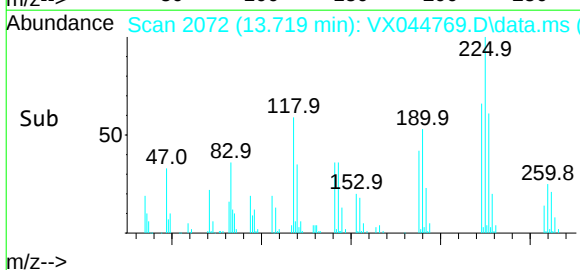
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

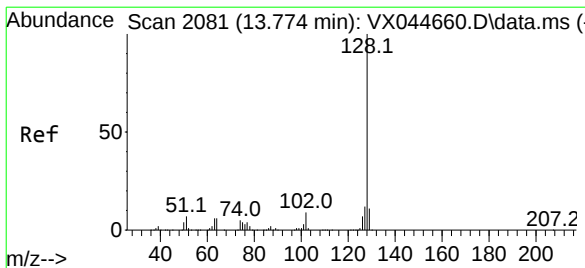


#90
Hexachlorobutadiene
Concen: 22.847 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23



Tgt Ion:225 Resp: 22719
Ion Ratio Lower Upper
225 100
223 63.7 0.0 123.0
227 63.0 0.0 124.2





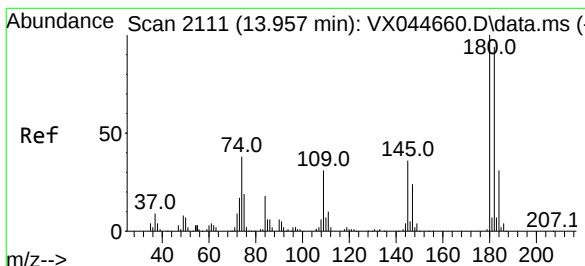
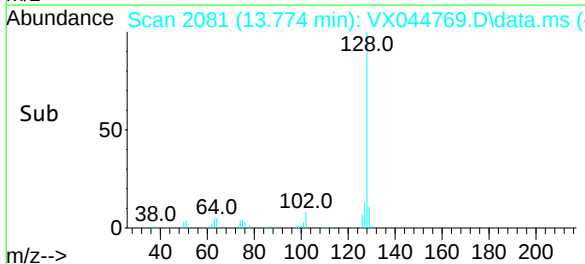
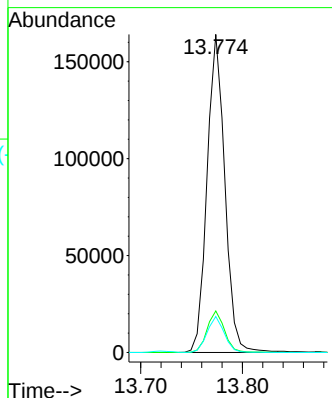
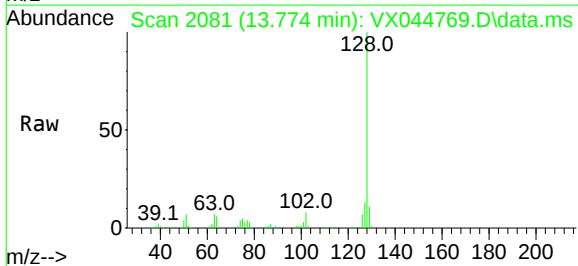
#91
Naphthalene
Concen: 20.727 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 199347
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#92
1,2,3-Trichlorobenzene
Concen: 21.507 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044769.D
Acq: 30 Jan 2025 09:23

Tgt Ion:180 Resp: 56235
Ion Ratio Lower Upper
180 100
182 95.5 0.0 187.8
145 34.5 0.0 69.8

