

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044771.D
 Acq On : 30 Jan 2025 10:21
 Operator : JC/MD
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 12:09:12 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	4.891	128	25350	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	141556	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	132262	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	67372	27.529	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.767%		
60) 4-Bromofluorobenzene	11.079	95	74422	28.970	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.567%		
63) Toluene-d8	8.647	98	208299	28.956	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	37286	16.543	ug/l	98
3) Chloromethane	1.307	50	45004	18.982	ug/l	100
4) Vinyl Chloride	1.374	62	41410	17.851	ug/l	98
5) Bromomethane	1.593	94	11074	19.752	ug/l	97
6) Chloroethane	1.666	64	19196	52.189	ug/l	95
7) Trichlorofluoromethane	1.874	101	54133	21.308	ug/l	98
8) Diethyl Ether	2.130	74	20117	20.526	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	36098	19.834	ug/l	97
10) 1,1-Dichloroethene	2.313	96	35600	19.013	ug/l	99
11) Methyl Iodide	2.447	142	47979	18.491	ug/l	96
12) Methyl Acetate	2.697	43	60095	21.984	ug/l	99
13) Acrolein	2.233	56	45356	150.033	ug/l	98
14) Acrylonitrile	3.063	53	107433	107.852	ug/l	99
15) Acetone	2.380	58	27986	104.703	ug/l	95
16) Carbon Disulfide	2.502	76	95567	18.365	ug/l	100
17) Allyl chloride	2.654	41	64361	19.060	ug/l	98
18) Methylene Chloride	2.782	84	39704	18.948	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	36011	19.341	ug/l	88
20) Diisopropyl ether	3.758	45	124642	20.336	ug/l	95
21) 1,1-Dichloroethane	3.605	63	68693	18.894	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	43587	18.914	ug/l	98
23) tert-Butyl Alcohol	2.977	59	46821m	97.182	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	120275	18.539	ug/l	98
25) Chloroform	5.087	83	67225	18.608	ug/l	92
26) Cyclohexane	5.458	56	62482	20.448	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	46248	18.783	ug/l	98
30) 2-Butanone	4.550	43	143258	105.918	ug/l	99
31) 2,2-Dichloropropane	4.465	77	58266	17.101	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	57162	17.518	ug/l	99
33) Carbon Tetrachloride	5.666	117	47217	17.154	ug/l	99
34) Benzene	6.032	78	152377	19.397	ug/l	99
35) Methacrylonitrile	4.916	41	30198	19.977	ug/l	96
36) 1,2-Dichloroethane	6.080	62	48140	17.140	ug/l	98
37) Trichloroethene	7.123	130	34962	18.434	ug/l	95
38) Methylcyclohexane	7.373	83	64376	19.243	ug/l	98
39) 1,2-Dichloropropane	7.422	63	37099	18.939	ug/l	96
40) Dibromomethane	7.580	93	26557	18.236	ug/l	100
41) Bromodichloromethane	7.818	83	52359	17.412	ug/l	99
42) Vinyl Acetate	3.715	43	520076	96.823	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	52682	19.856	ug/l	# 93
44) Isopropyl Acetate	6.336	43	93220	19.557	ug/l	100
45) 1,4-Dioxane	7.659	88	19709	434.238	ug/l	96
46) Methyl methacrylate	7.690	41	42177	18.077	ug/l	96
47) n-amyl Acetate	10.842	43	81371	20.342	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	56055	17.661	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	62701	18.423	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	37380	19.930	ug/l	100
51) Ethyl methacrylate	9.116	69	62446	19.165	ug/l	97
52) 1,3-Dichloropropane	9.305	76	64164	19.780	ug/l	98
53) Dibromochloromethane	9.519	129	41220	18.392	ug/l	100
54) 1,2-Dibromoethane	9.604	107	38976	19.658	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	152336	96.358	ug/l	99
56) Bromoform	10.799	173	27467	18.482	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	289527	103.852	ug/l	98
59) 2-Hexanone	9.427	43	209519	102.654	ug/l	99
61) Tetrachloroethene	9.269	164	28728	18.108	ug/l	95
62) Toluene	8.714	91	161738	18.571	ug/l	97
64) Chlorobenzene	10.073	112	100732	18.624	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	34248	17.627	ug/l	98
66) Ethyl Benzene	10.189	91	176723	18.594	ug/l	99
67) m/p-Xylenes	10.299	106	135074	38.663	ug/l	96
68) o-Xylene	10.640	106	67389	19.219	ug/l	97
69) Styrene	10.653	104	110448	19.185	ug/l	97
70) Isopropylbenzene	10.957	105	172248	19.541	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	58923	19.884	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47716m	19.140	ug/l	
73) Bromobenzene	11.195	156	39168	19.074	ug/l	96
74) n-propylbenzene	11.299	91	199273	19.903	ug/l	99
75) 2-Chlorotoluene	11.360	91	120706	19.176	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	140553	19.634	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	20146	17.081	ug/l	99
78) 4-Chlorotoluene	11.451	91	132147	19.053	ug/l	96
79) tert-butylbenzene	11.713	119	150228	20.428	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	143875	19.920	ug/l	99
81) sec-Butylbenzene	11.890	105	183361	20.880	ug/l	99
82) p-Isopropyltoluene	12.006	119	149935	20.746	ug/l	99
83) 1,3-Dichlorobenzene	11.970	146	73399	20.124	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	72312	20.223	ug/l	99
85) n-Butylbenzene	12.329	91	130026	20.755	ug/l	100
86) Hexachloroethane	12.536	117	28642	18.015	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	74692	20.507	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11704	16.398	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	42425	18.743	ug/l	99
90) Hexachlorobutadiene	13.725	225	17611	20.115	ug/l	99
91) Naphthalene	13.774	128	161802	19.107	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	44121	19.165	ug/l	99

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

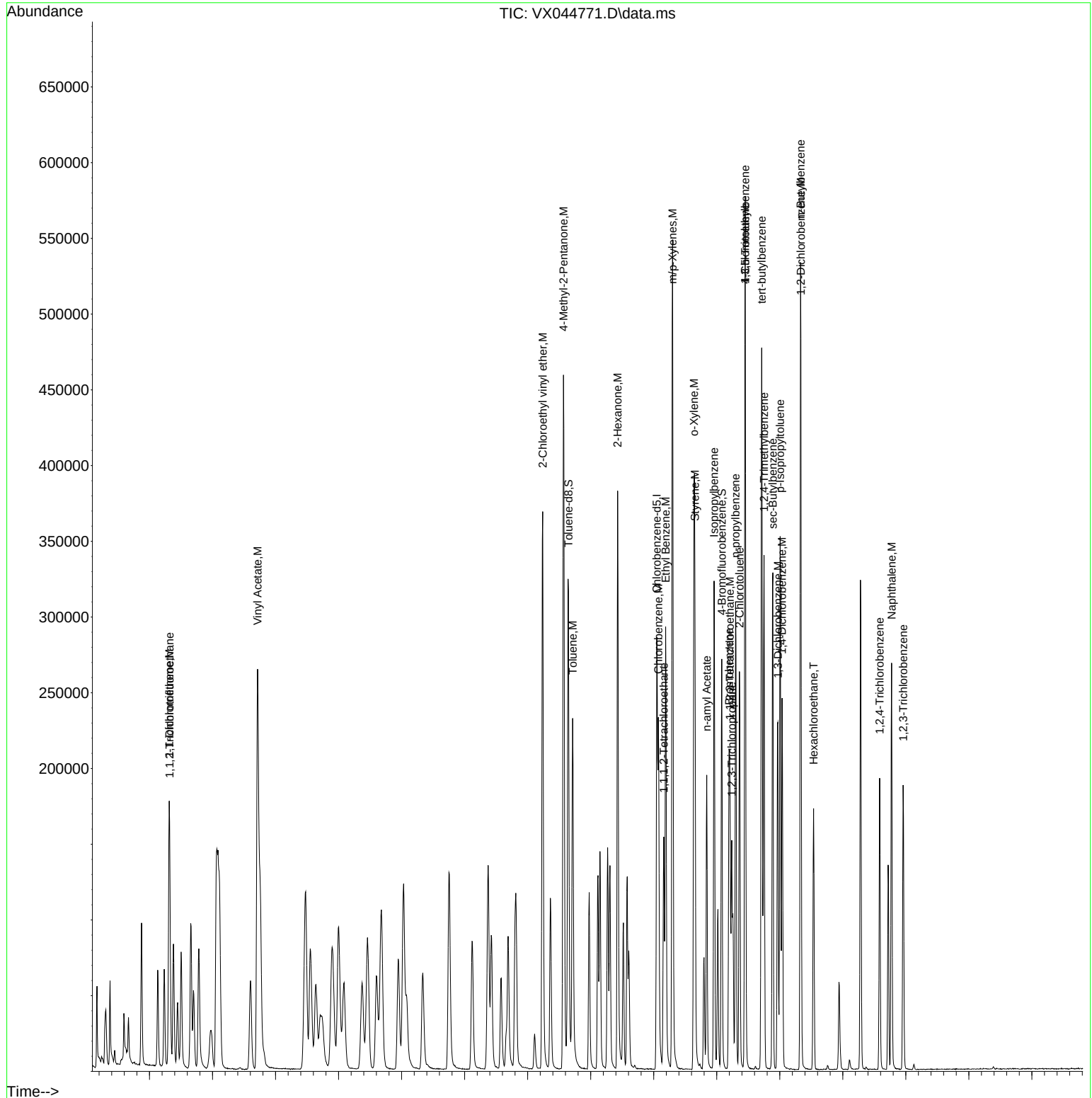
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
Data File : VX044771.D
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Misc : 5.0mL/MSVOA_X/WATER
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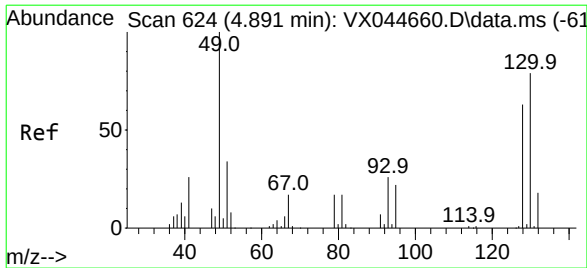
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/31/2025

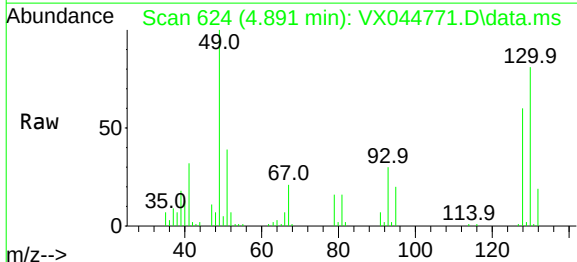
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

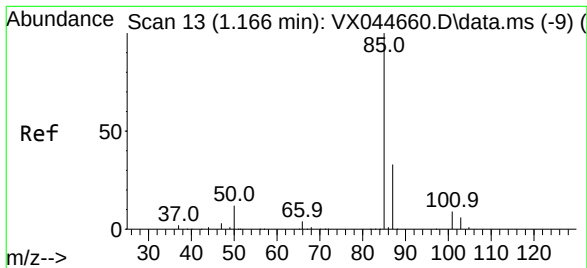
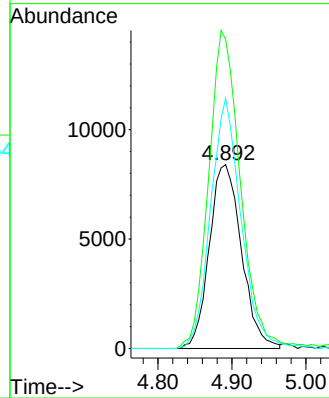
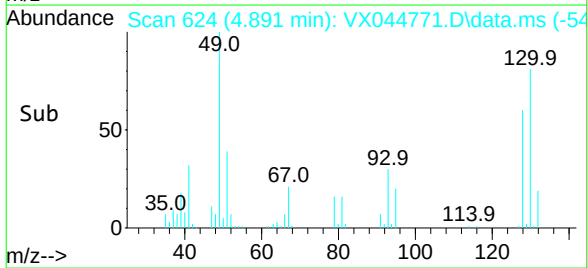
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



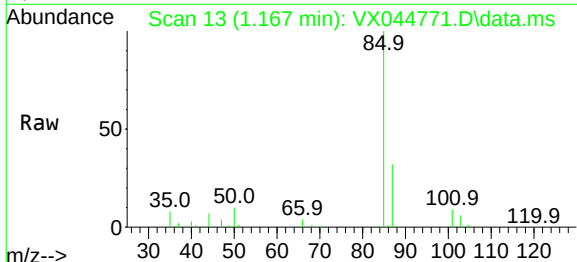
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Ion Ratio Lower Upper
128 100
49 169.8 0.0 411.5
130 129.1 0.0 324.3

Manual Integrations
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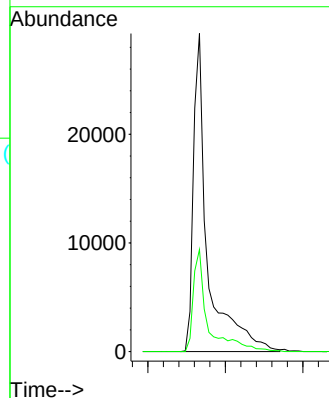
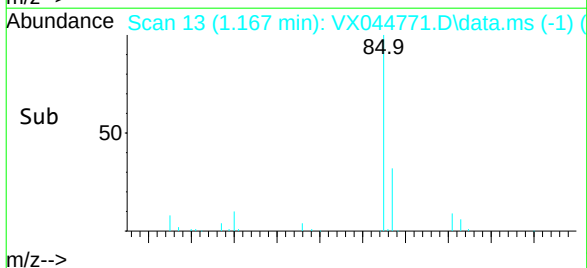
Reviewed By :John Carlone 01/30/2025
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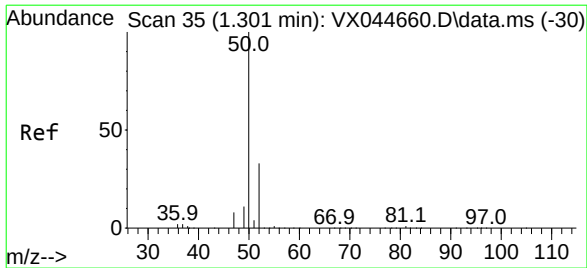


#2
Dichlorodifluoromethane
Concen: 16.543 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21



Tgt Ion: 85 Resp: 37286
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





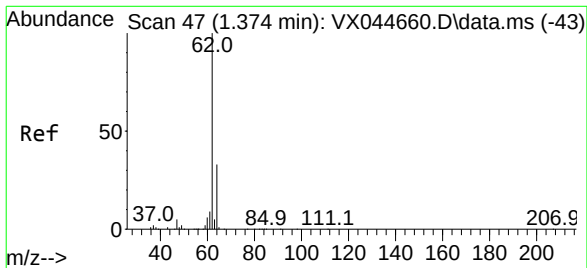
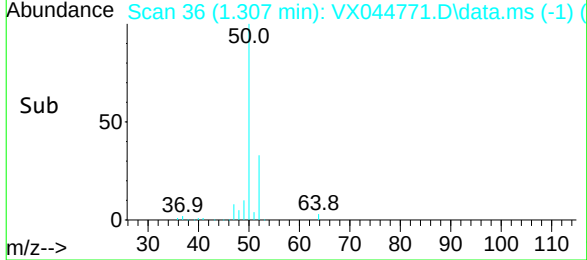
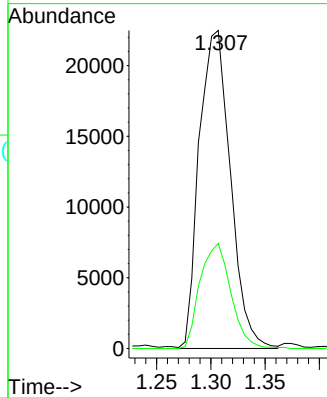
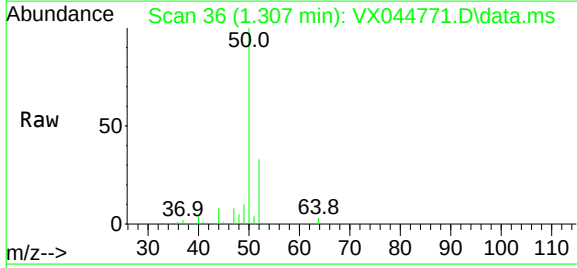
#3
Chloromethane
Concen: 18.982 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

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ClientSampleId :
VX0130WBSD01

Tgt Ion: 50 Resp: 45004
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

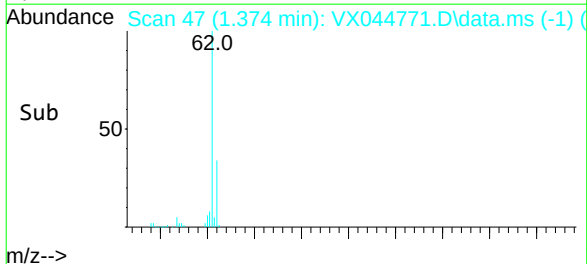
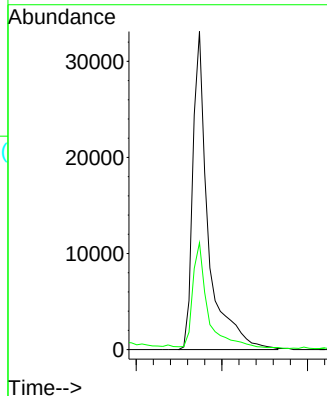
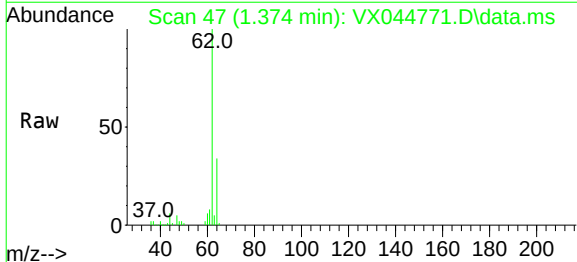
Manual Integrations
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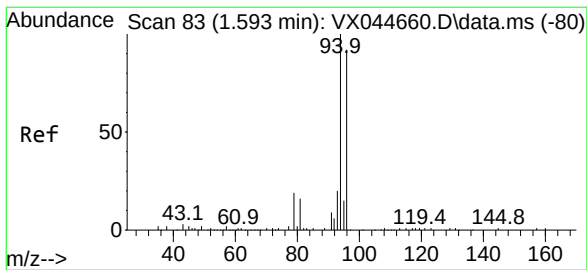
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#4
Vinyl Chloride
Concen: 17.851 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 62 Resp: 41410
Ion Ratio Lower Upper
62 100
64 32.9 27.3 40.9





#5

Bromomethane

Concen: 19.752 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 94 Resp: 11074

Ion Ratio Lower Upper

94 100

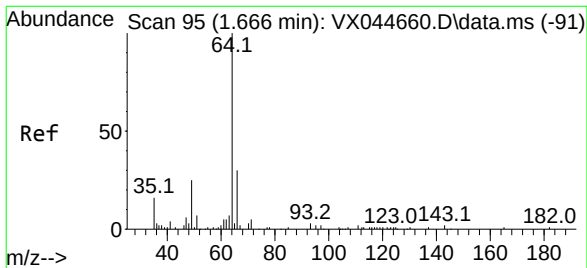
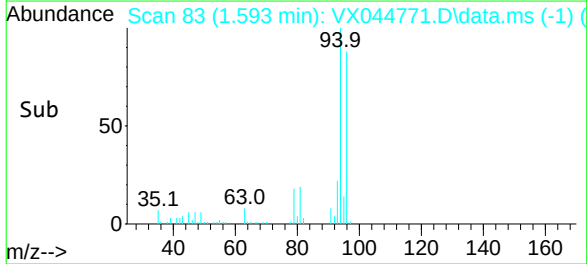
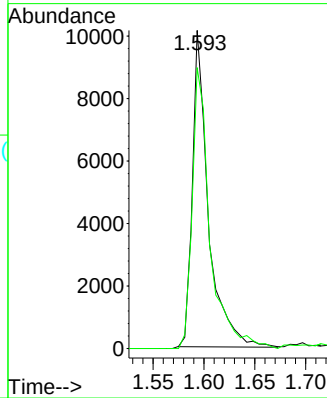
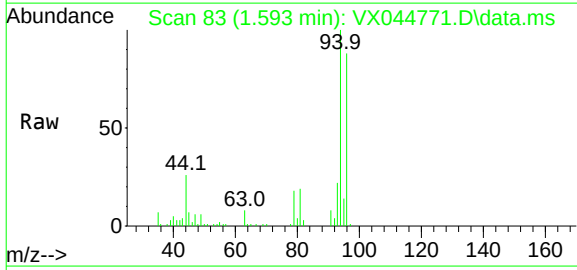
96 88.8 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 52.189 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044771.D

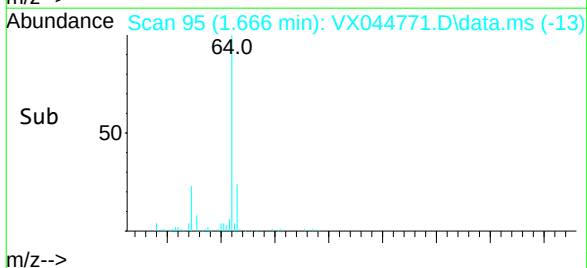
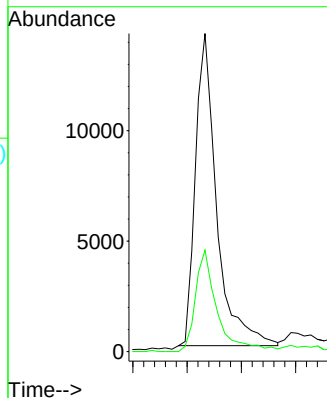
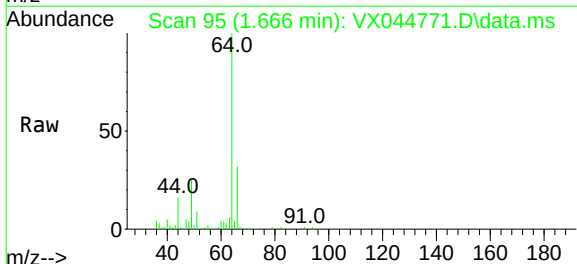
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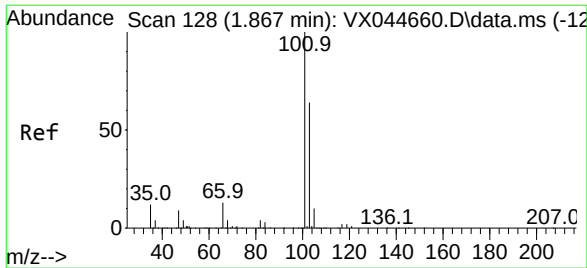
Tgt Ion: 64 Resp: 19196

Ion Ratio Lower Upper

64 100

66 32.5 23.8 35.6





Trichlorofluoromethane

Concen: 21.308 ug/l

RT: 1.874 min Scan# 12

Delta R.T. 0.006 min

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Tgt Ion:101 Resp: 54133

Ion Ratio Lower Upper

101 100

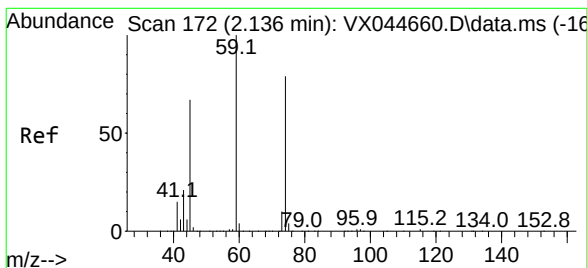
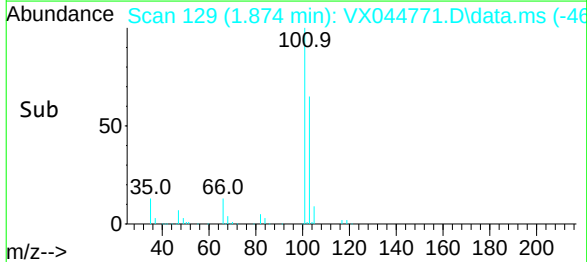
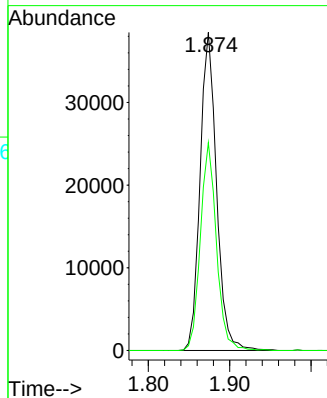
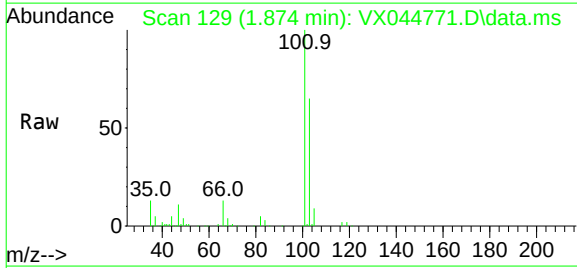
103 65.3 51.1 76.7

Manual Integrations

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Diethyl Ether

Concen: 20.526 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.006 min

Lab File: VX044771.D

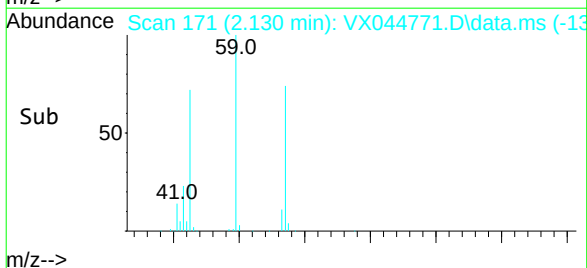
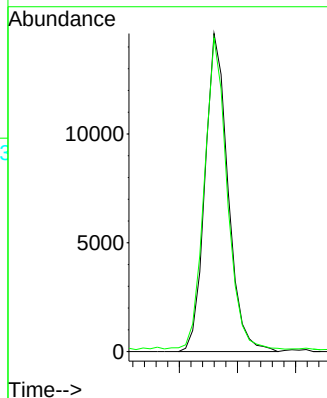
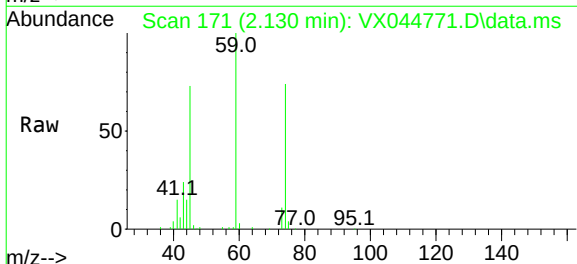
Acq: 30 Jan 2025 10:21

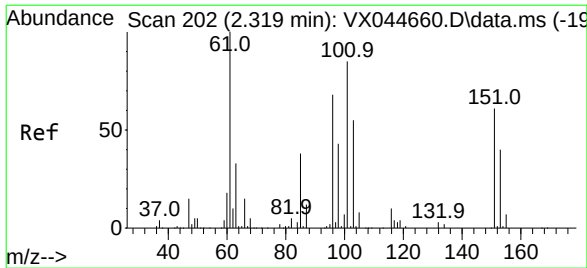
Tgt Ion: 74 Resp: 20117

Ion Ratio Lower Upper

74 100

45 97.4 18.8 168.8





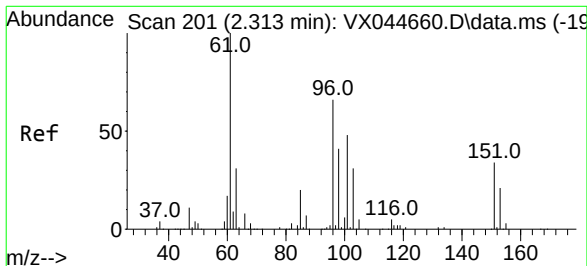
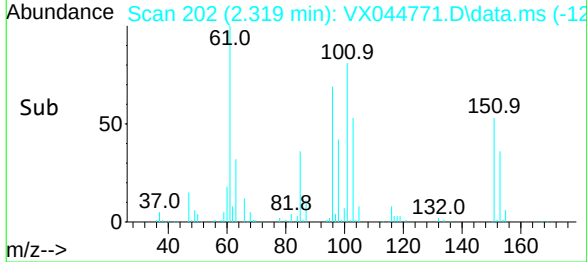
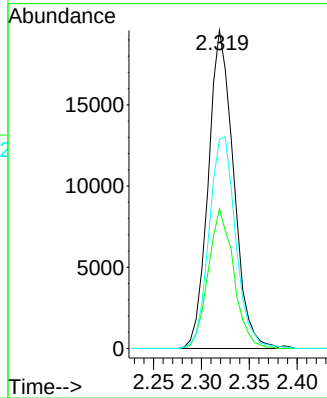
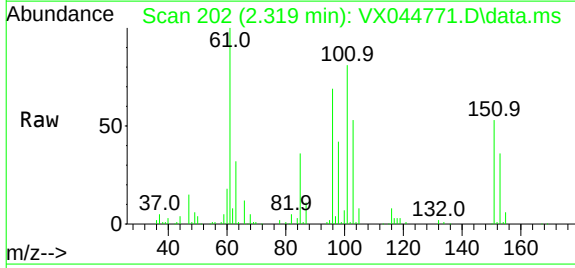
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1,1,2-Trichlorotrifluoroethane
Concen: 19.834 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044771.D
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Tgt Ion:101 Resp: 36098
Ion Ratio Lower Upper
101 100
85 44.2 0.0 88.0
151 70.1 0.0 147.0

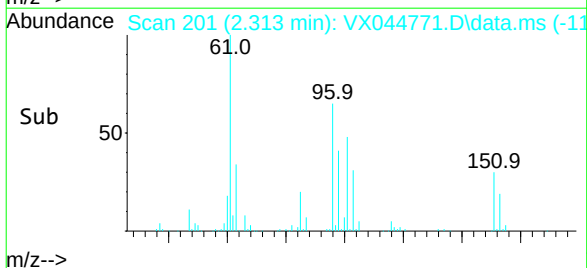
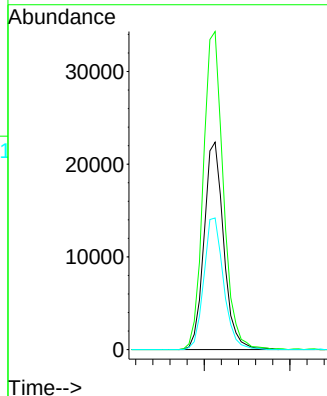
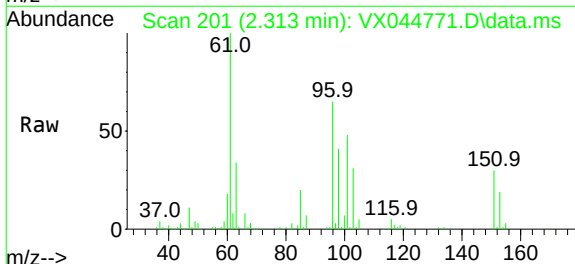
Manual Integrations
APPROVED

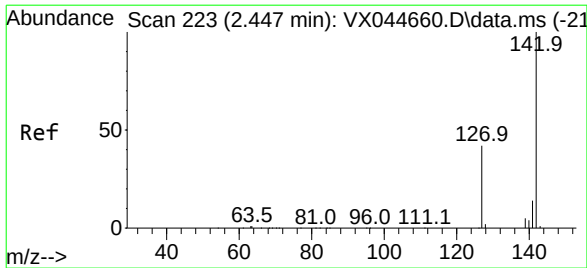
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
1,1-Dichloroethene
Concen: 19.013 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

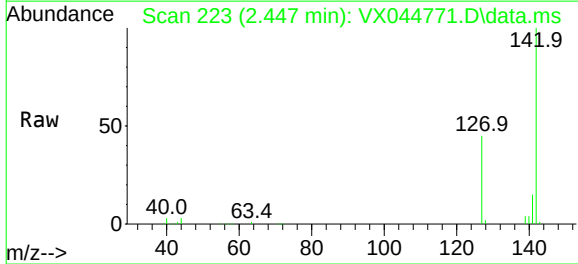
Tgt Ion: 96 Resp: 35600
Ion Ratio Lower Upper
96 100
61 153.3 121.6 182.4
98 63.5 50.3 75.5





#11
Methyl Iodide
Concen: 18.491 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

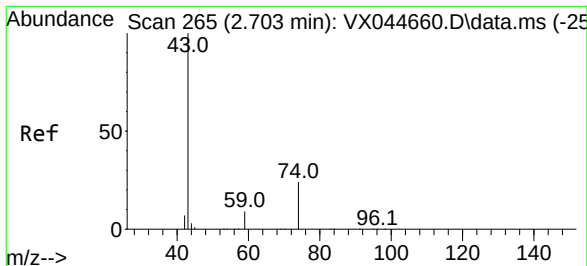
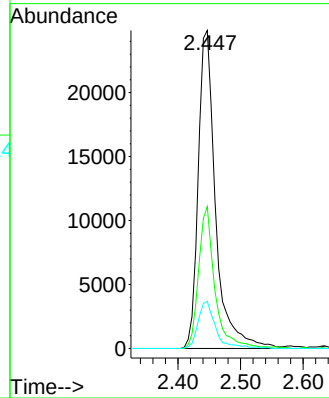
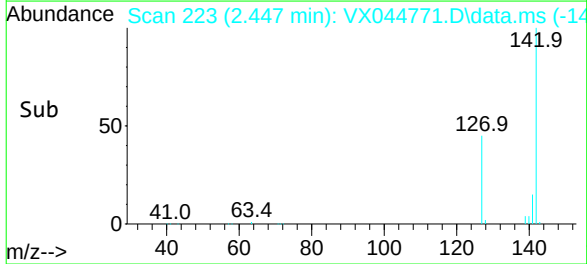
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 142 Resp: 47979
Ion Ratio Lower Upper
142 100
127 44.5 20.8 62.4
141 14.9 7.0 20.9

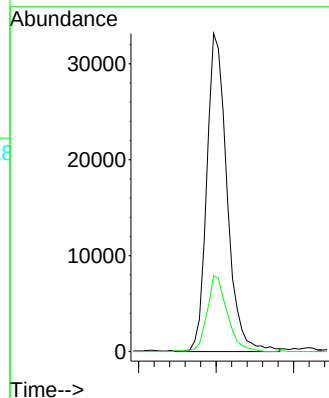
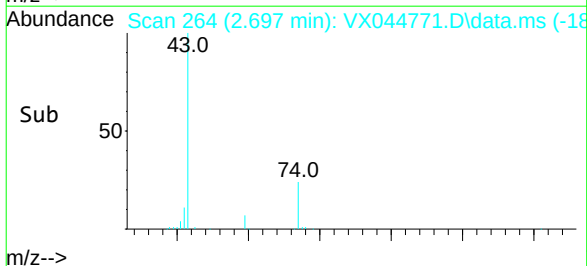
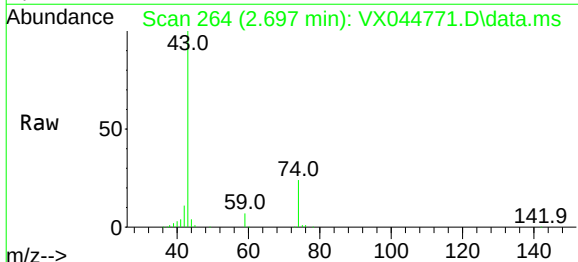
Manual Integrations
APPROVED

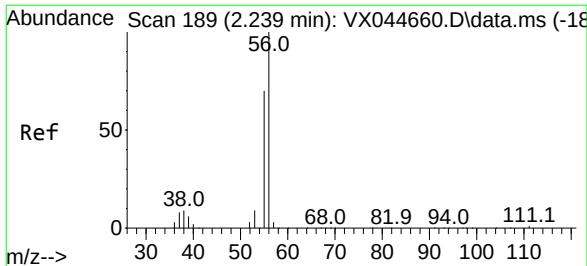
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#12
Methyl Acetate
Concen: 21.984 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 43 Resp: 60095
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2





#13

Acrolein

Concen: 150.033 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 56 Resp: 45356

Ion Ratio Lower Upper

56 100

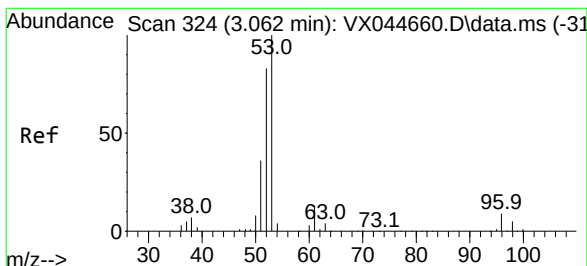
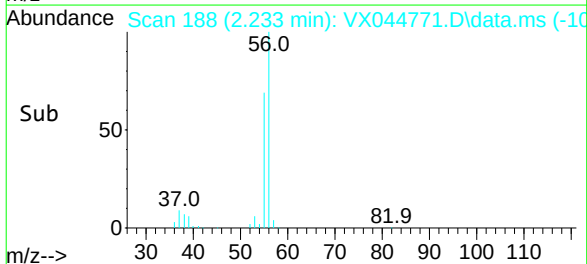
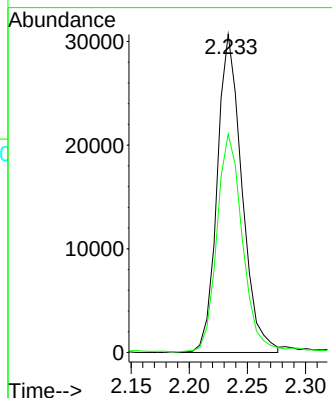
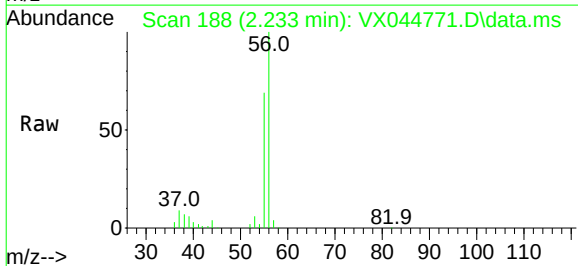
55 70.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Acrylonitrile

Concen: 107.852 ug/l

RT: 3.063 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

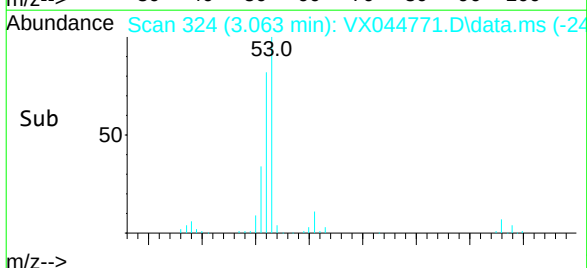
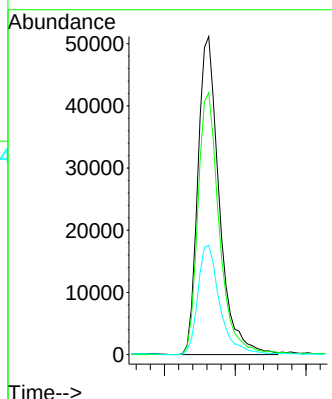
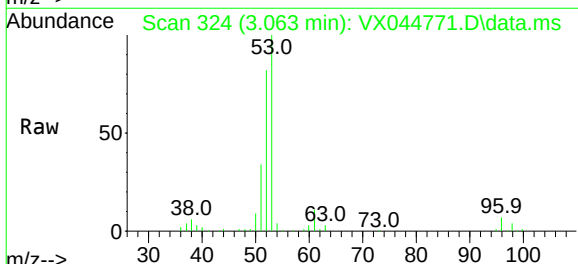
Tgt Ion: 53 Resp: 107433

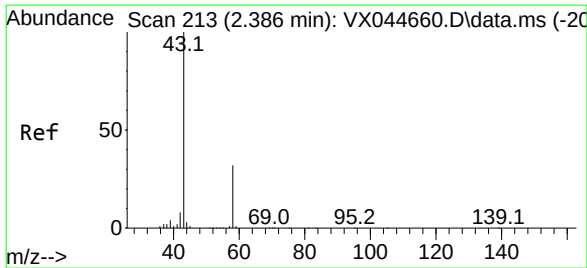
Ion Ratio Lower Upper

53 100

52 82.5 41.4 124.2

51 35.2 18.1 54.4





#15

Acetone

Concen: 104.703 ug/l

RT: 2.380 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 58 Resp: 27986

Ion Ratio Lower Upper

58 100

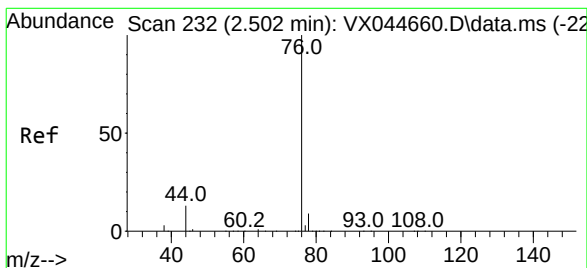
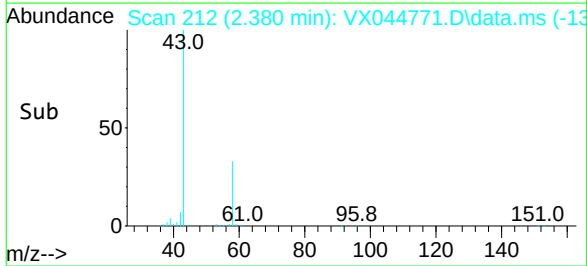
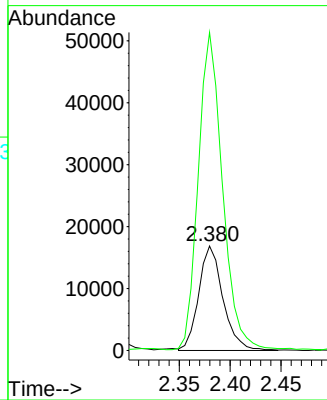
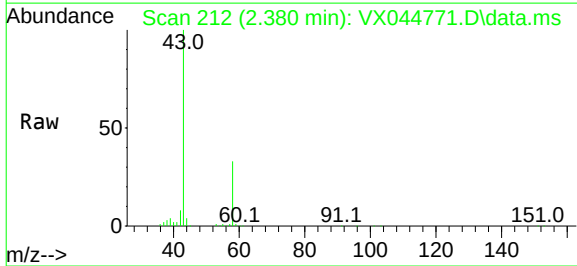
43 303.8 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Carbon Disulfide

Concen: 18.365 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044771.D

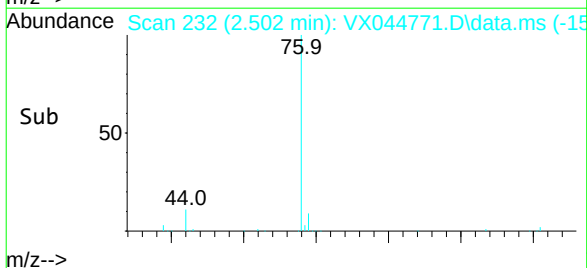
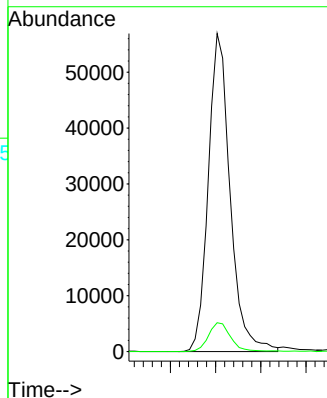
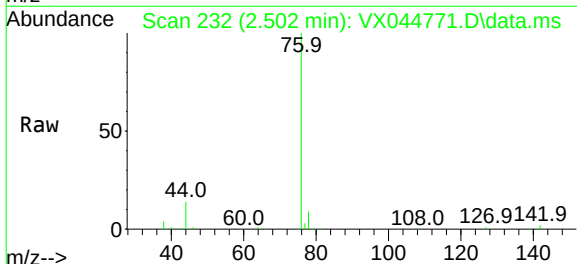
Acq: 30 Jan 2025 10:21

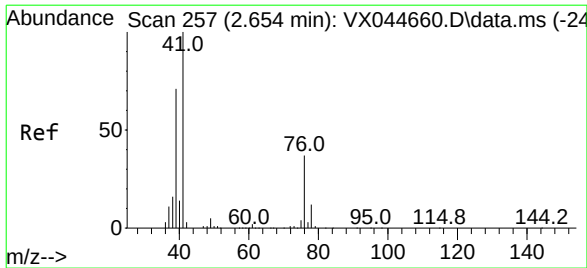
Tgt Ion: 76 Resp: 95567

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





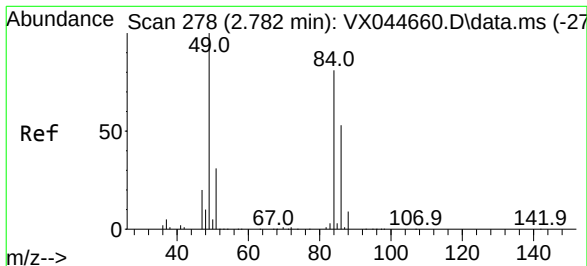
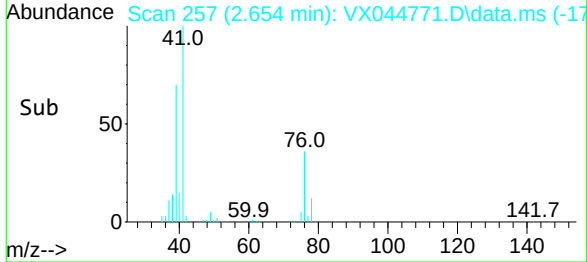
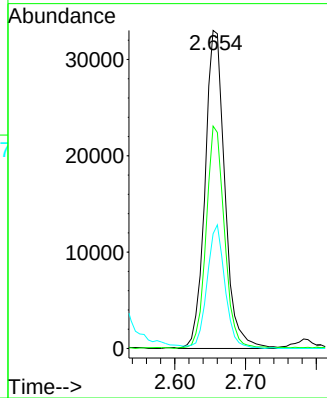
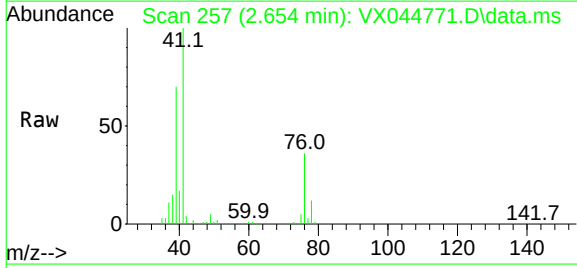
#17
 Allyl chloride
 Concen: 19.060 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044771.D
 Acq: 30 Jan 2025 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tgt Ion: 41	Resp: 64361
Ion Ratio Lower Upper	
41 100	
39 69.7 35.6 106.8	
76 36.1 18.9 56.5	

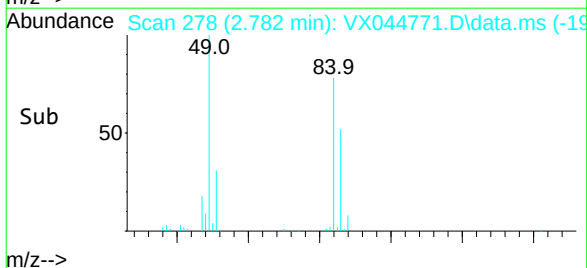
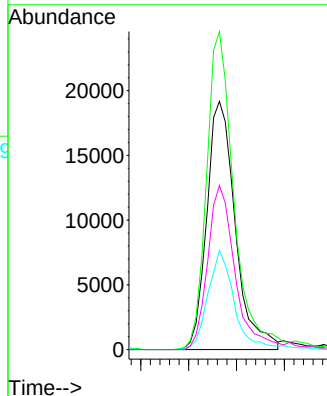
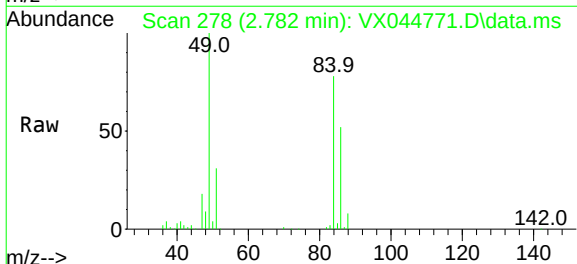
Manual Integrations
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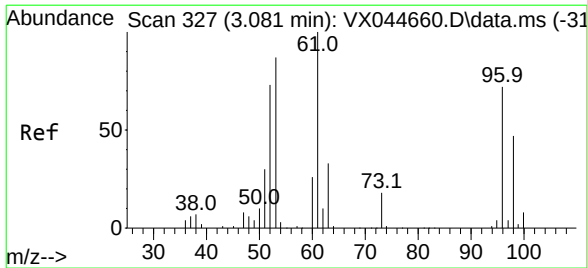
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#18
 Methylene Chloride
 Concen: 18.948 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044771.D
 Acq: 30 Jan 2025 10:21

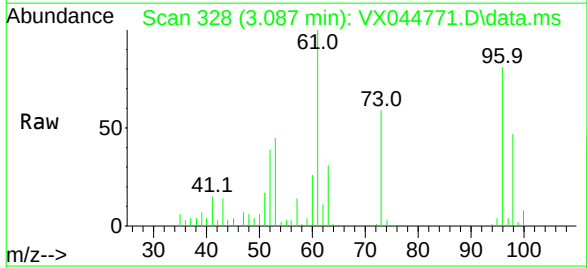
Tgt Ion: 84	Resp: 39704
Ion Ratio Lower Upper	
84 100	
49 127.8 98.3 147.5	
51 40.0 30.6 46.0	
86 66.1 52.6 78.8	





#19
trans-1,2-Dichloroethene
Concen: 19.341 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

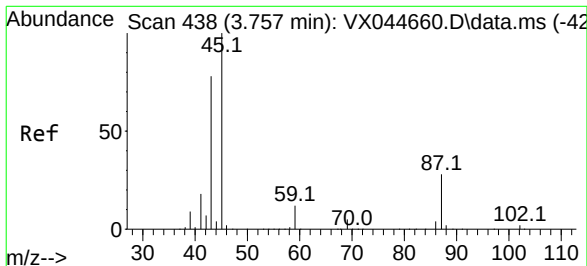
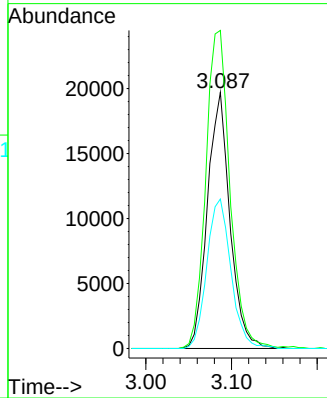
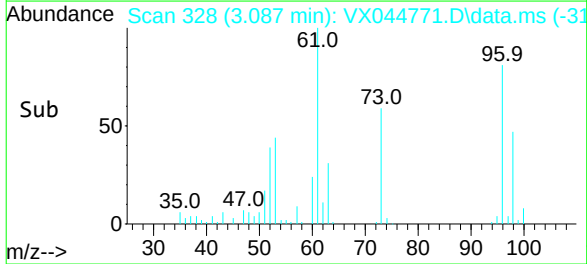
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 96 Resp: 36011
Ion Ratio Lower Upper
96 100
61 124.1 111.5 167.3
98 58.3 52.6 79.0

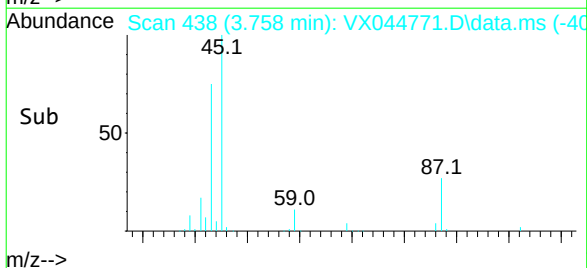
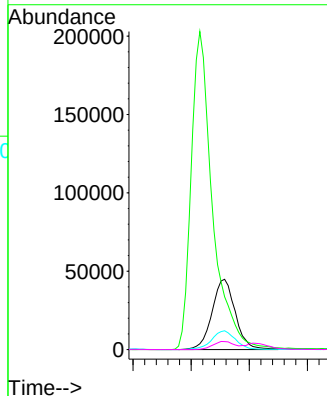
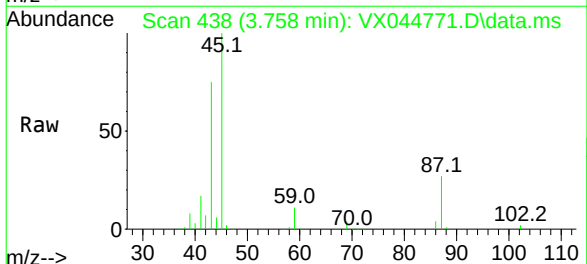
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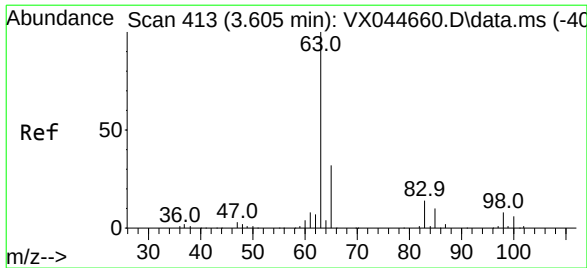
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#20
Diisopropyl ether
Concen: 20.336 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 45 Resp: 124642
Ion Ratio Lower Upper
45 100
43 72.6 62.6 94.0
87 26.8 22.7 34.1
59 11.4 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.894 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

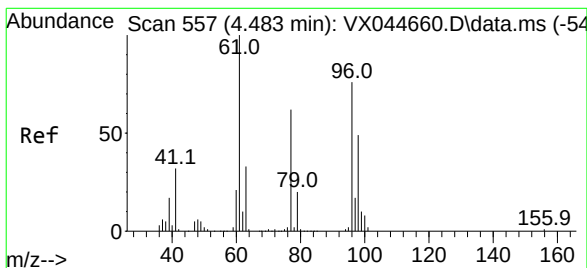
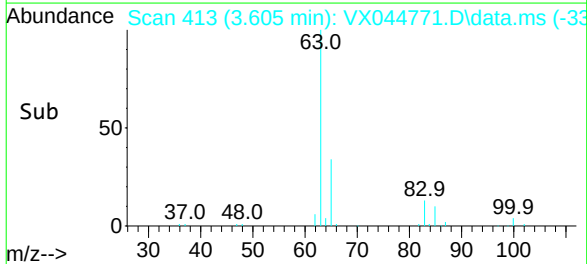
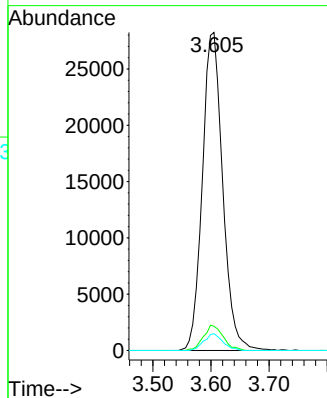
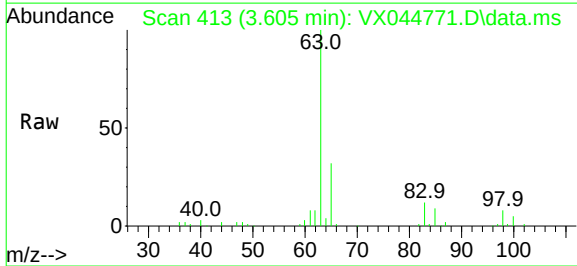
Tgt Ion:	63	Resp:	68693
Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	5.3	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#22

cis-1,2-Dichloroethene

Concen: 18.914 ug/l

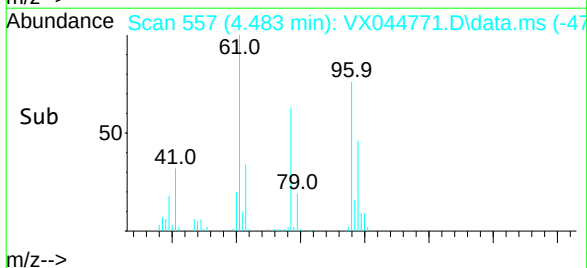
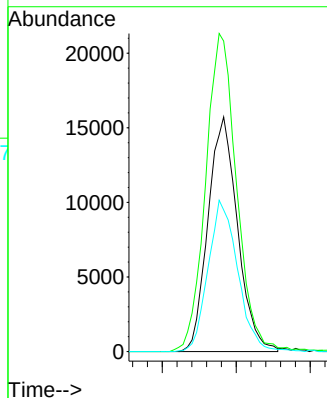
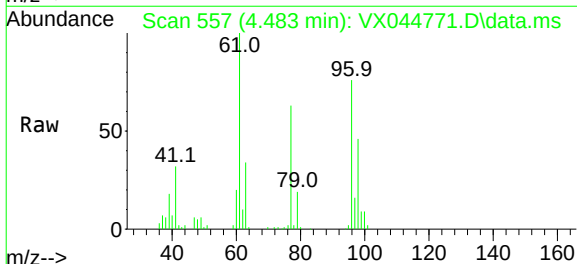
RT: 4.483 min Scan# 557

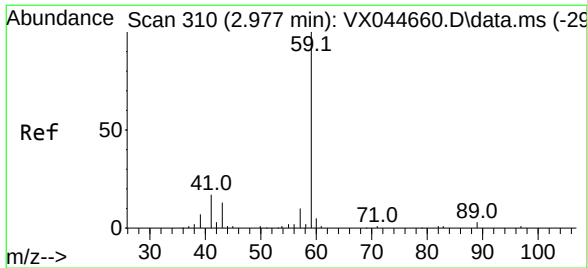
Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Tgt Ion:	96	Resp:	43587
Ion	Ratio	Lower	Upper
96	100		
61	140.7	115.2	172.8
98	64.8	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 97.182 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 59 Resp: 46821

Ion Ratio Lower Upper

59 100

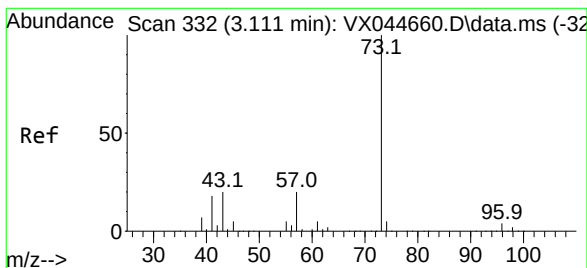
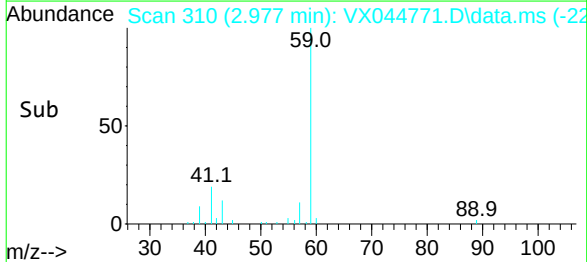
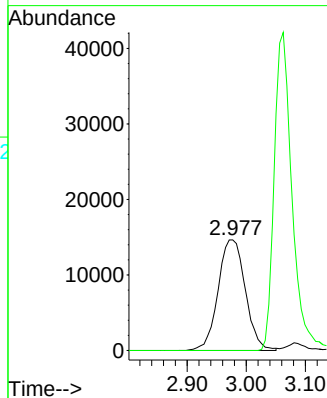
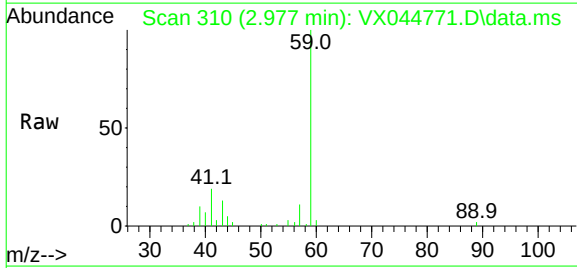
52 189.4 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#24

Methyl tert-Butyl Ether

Concen: 18.539 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044771.D

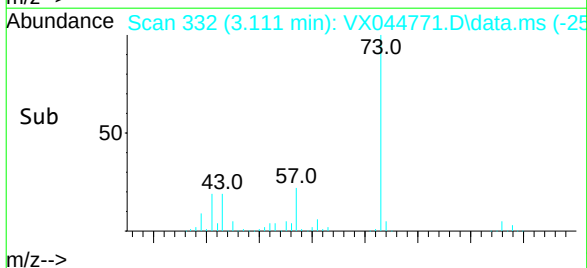
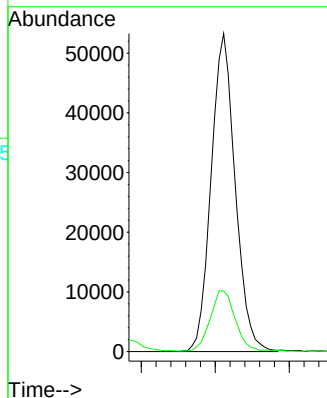
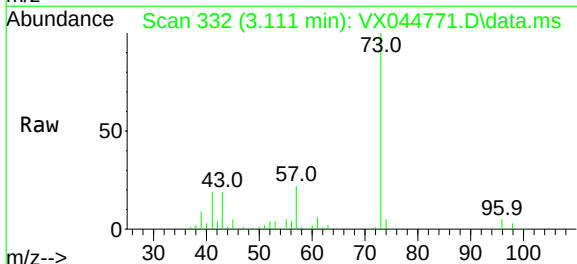
Acq: 30 Jan 2025 10:21

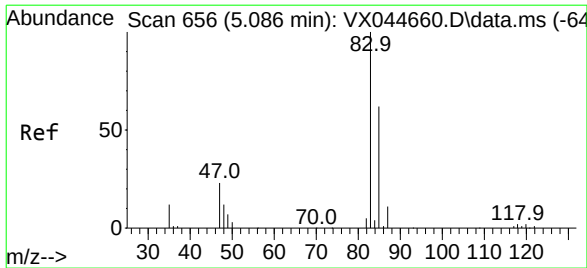
Tgt Ion: 73 Resp: 120275

Ion Ratio Lower Upper

73 100

43 19.9 16.9 25.3





#25

Chloroform

Concen: 18.608 ug/l

RT: 5.087 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 83 Resp: 67225

Ion Ratio Lower Upper

83 100

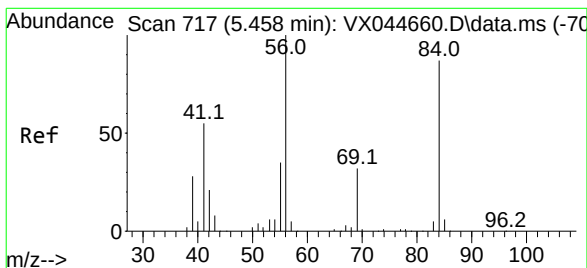
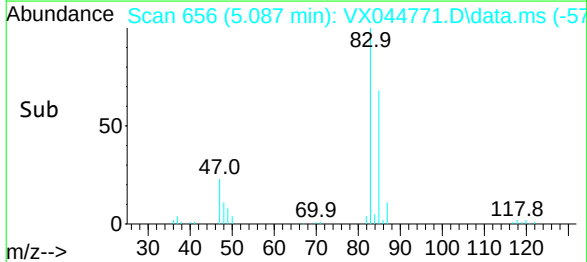
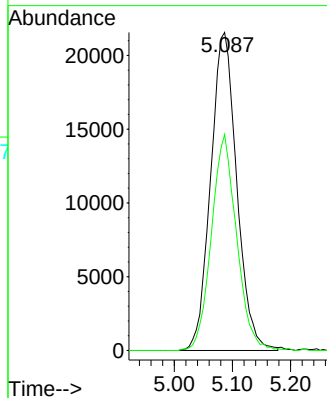
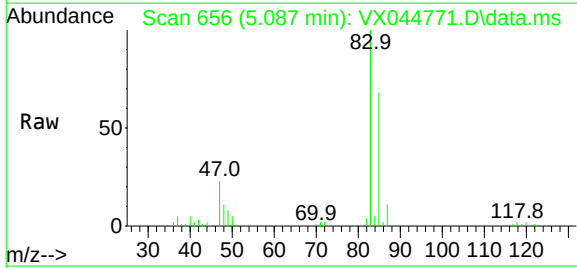
85 67.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#26

Cyclohexane

Concen: 20.448 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

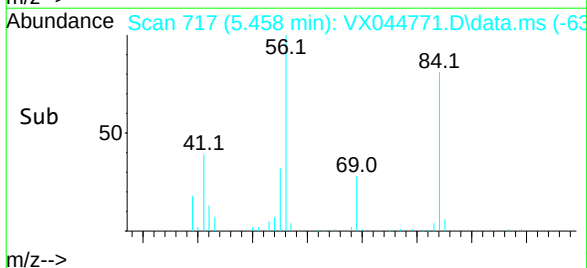
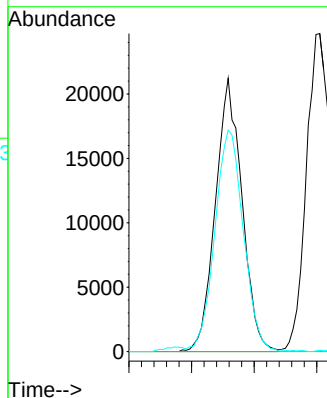
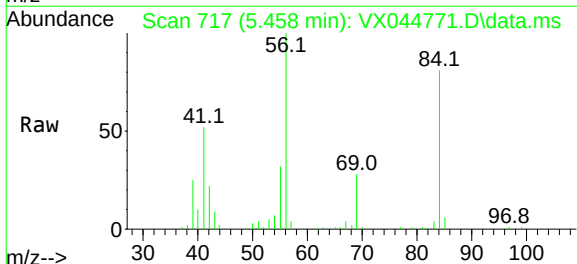
Tgt Ion: 56 Resp: 62482

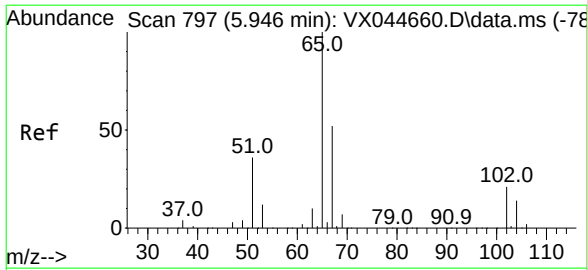
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.2 72.2 108.4





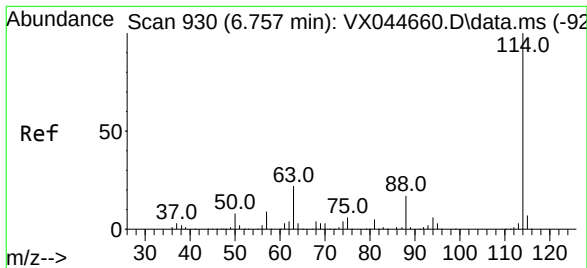
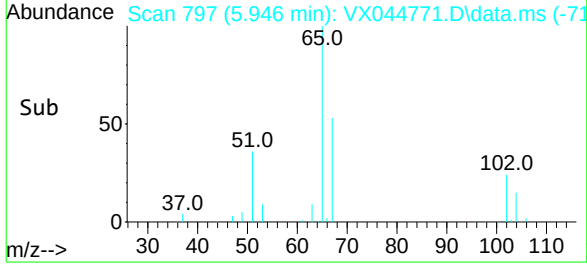
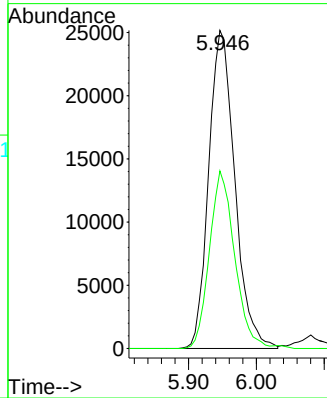
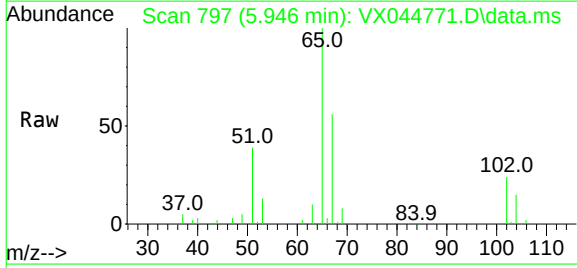
#27
1,2-Dichloroethane-d4
Concen: 27.529 ug/l
RT: 5.946 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion: 65 Resp: 67372
Ion Ratio Lower Upper
65 100
67 53.8 41.4 62.2

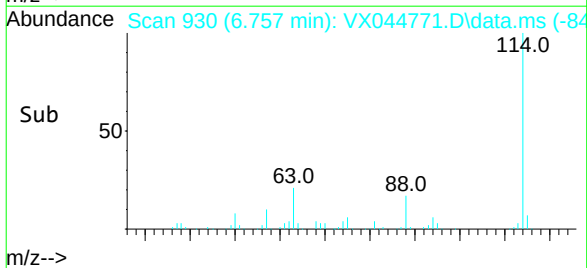
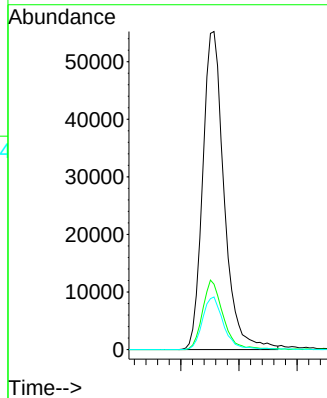
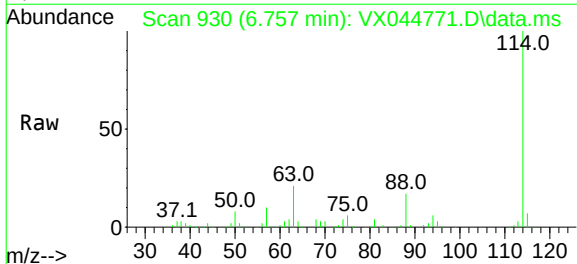
Manual Integrations
APPROVED

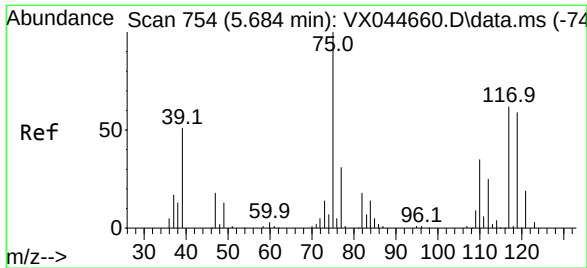
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion:114 Resp: 141556
Ion Ratio Lower Upper
114 100
63 20.3 16.6 24.8
88 16.1 13.4 20.2





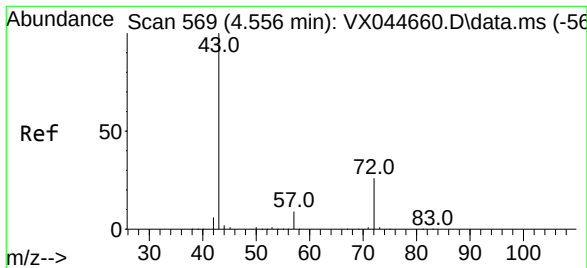
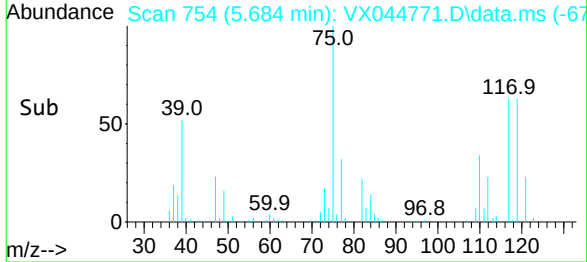
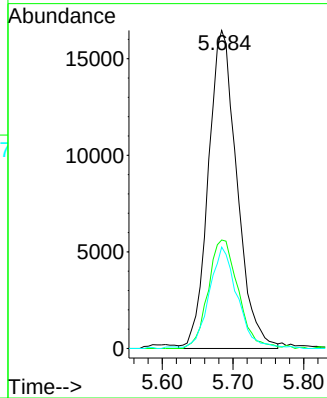
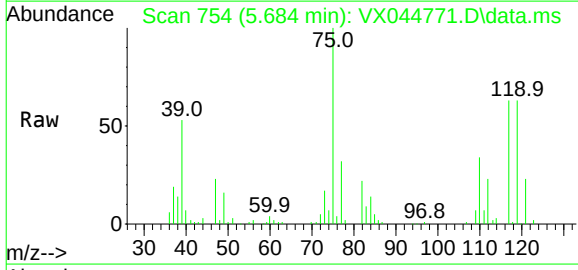
#29
1,1-Dichloropropene
Concen: 18.783 ug/l
RT: 5.684 min Scan# 75
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion: 75 Resp: 46248
Ion Ratio Lower Upper
75 100
110 35.8 0.0 69.4
77 31.3 0.0 59.8

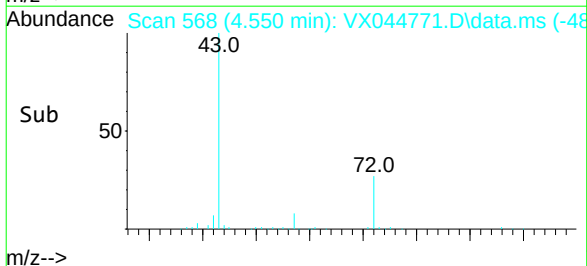
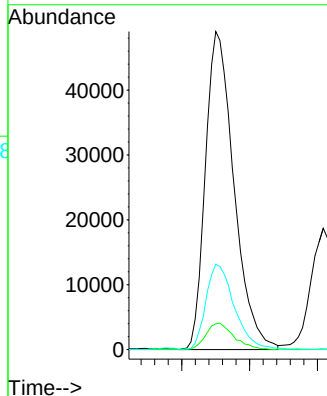
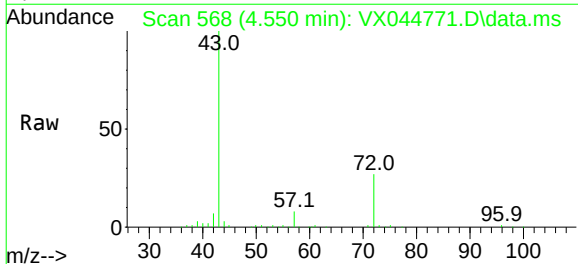
Manual Integrations
APPROVED

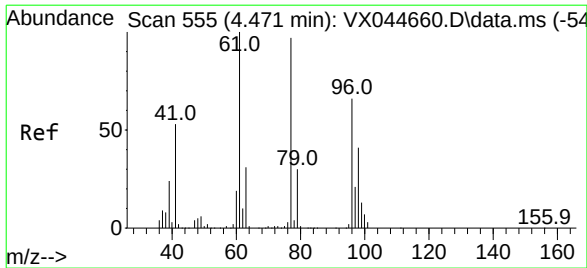
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
2-Butanone
Concen: 105.918 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

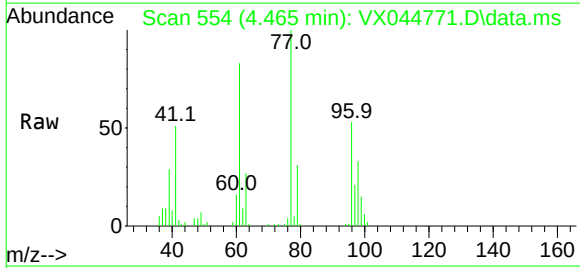
Tgt Ion: 43 Resp: 143258
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 26.5 21.5 32.3





#31
2,2-Dichloropropane
Concen: 17.101 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

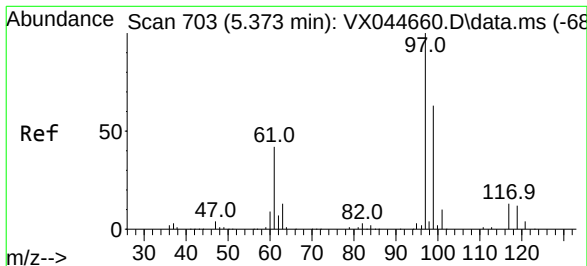
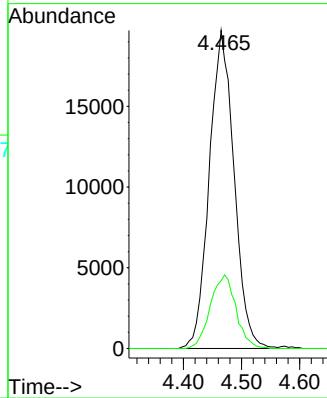
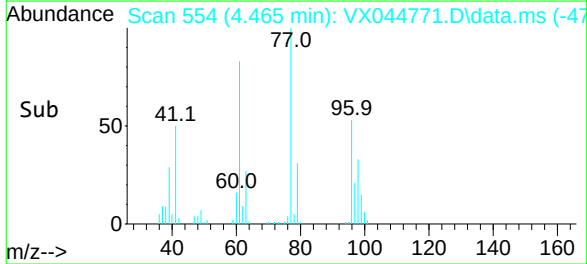
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 77 Resp: 58266
Ion Ratio Lower Upper
77 100
97 24.0 18.6 27.8

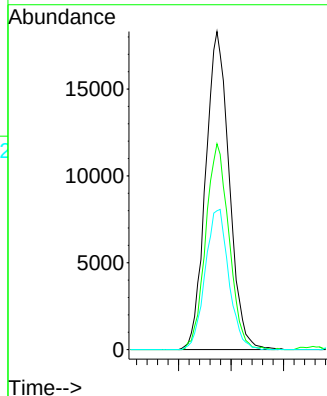
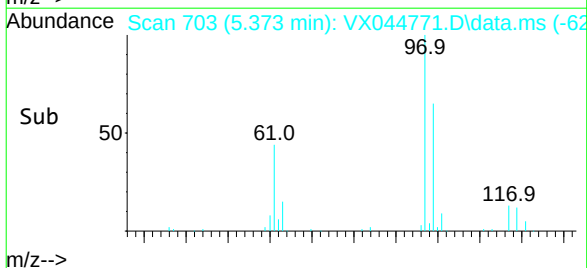
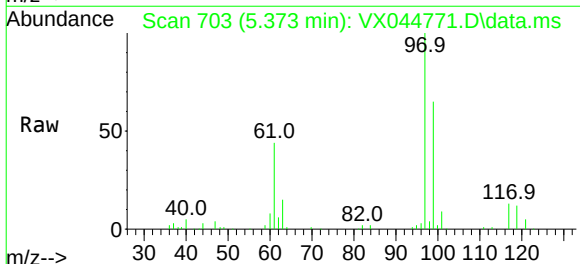
Manual Integrations
APPROVED

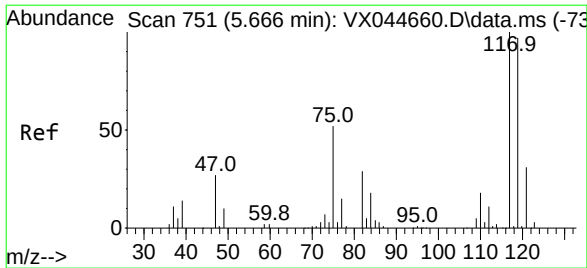
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#32
1,1,1-Trichloroethane
Concen: 17.518 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

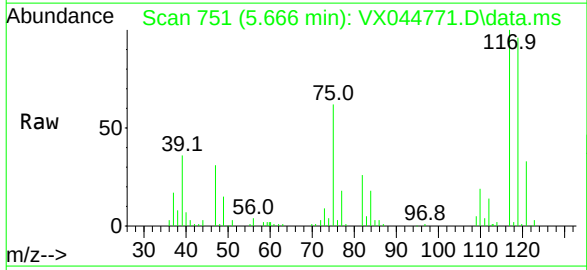
Tgt Ion: 97 Resp: 57162
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 44.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.154 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

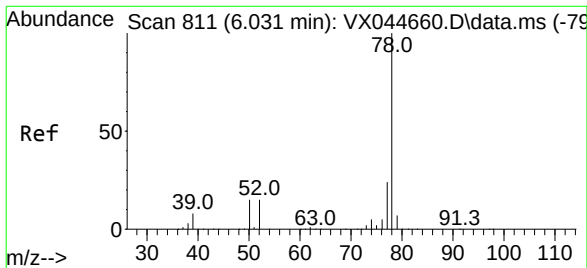
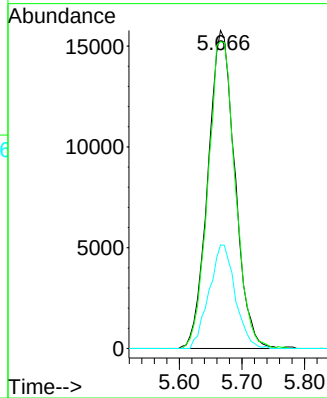
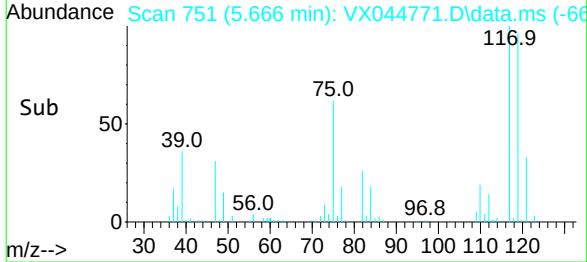
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 117 Resp: 47217
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9
121 32.5 24.6 37.0

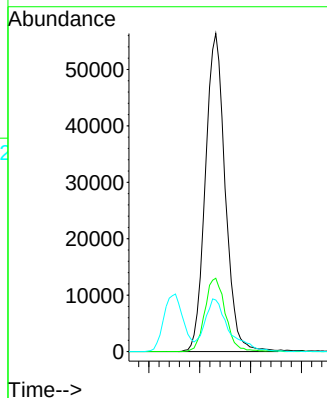
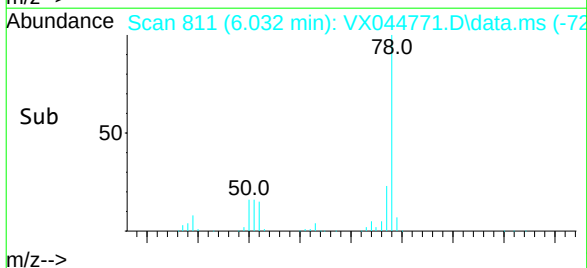
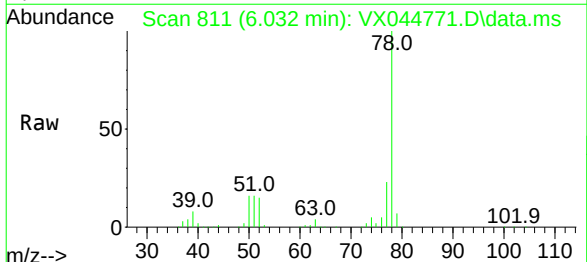
Manual Integrations
APPROVED

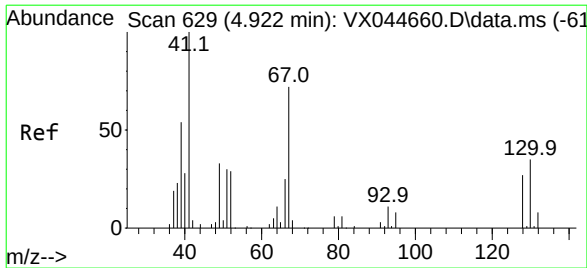
Reviewed By : John Carlone 01/30/2025
Supervised By : Semsettin Yesilyurt 01/31/2025



#34
Benzene
Concen: 19.397 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

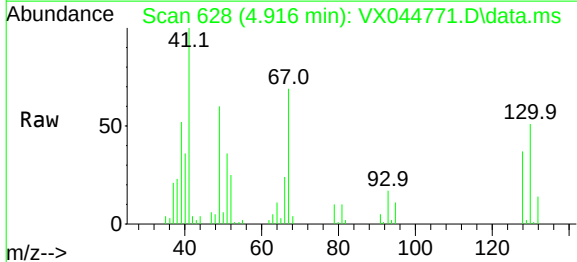
Tgt Ion: 78 Resp: 152377
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 16.0 12.7 19.1





#35
Methacrylonitrile
Concen: 19.977 ug/l
RT: 4.916 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

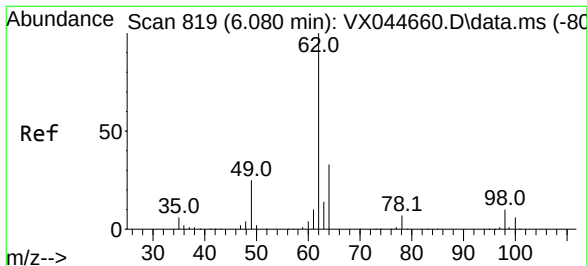
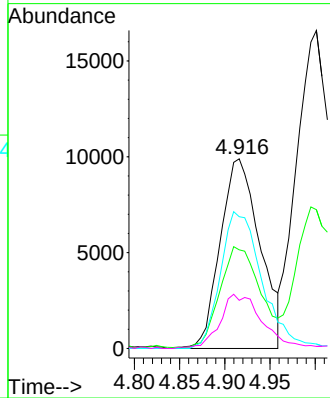
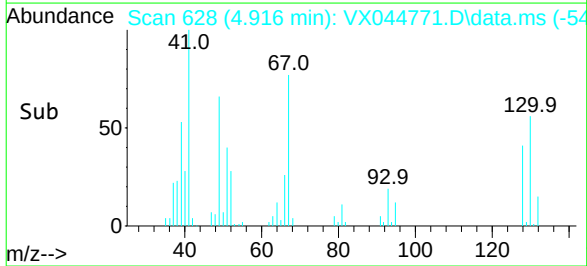
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 41 Resp: 30198
Ion Ratio Lower Upper
41 100
39 51.2 27.1 81.3
67 69.5 35.8 107.4
52 24.7 14.4 43.2

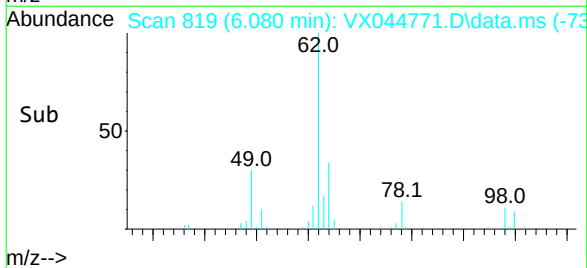
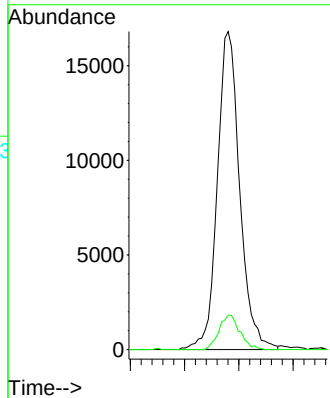
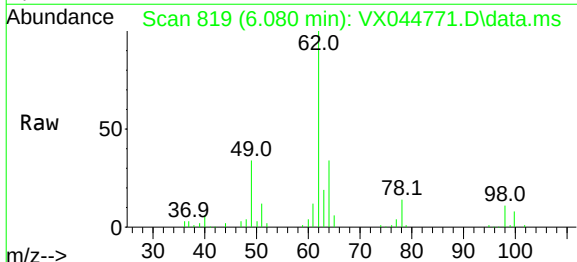
Manual Integrations
APPROVED

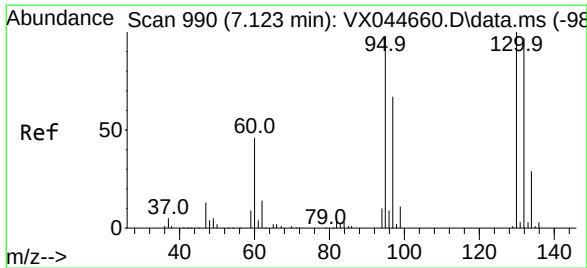
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#36
1,2-Dichloroethane
Concen: 17.140 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

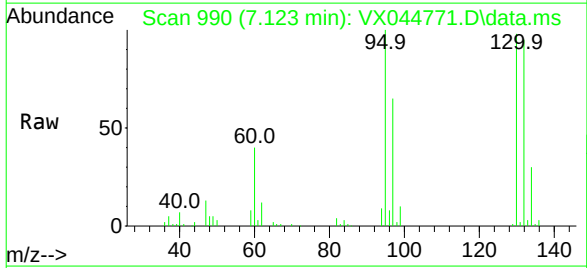
Tgt Ion: 62 Resp: 48140
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.2





#37
Trichloroethene
Concen: 18.434 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

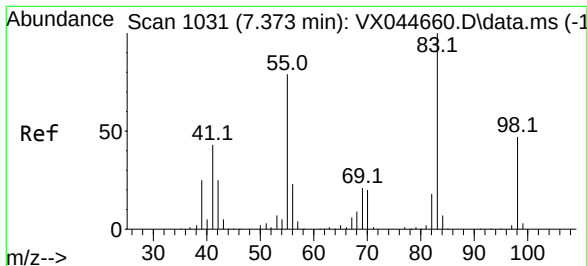
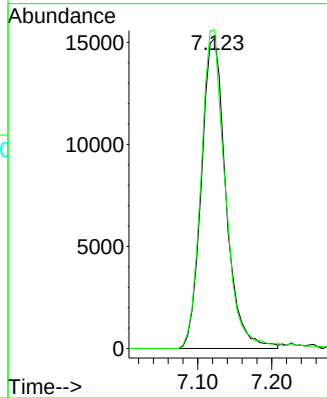
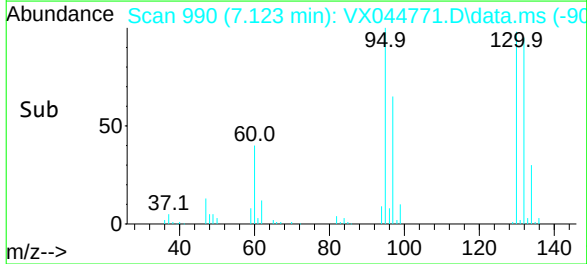
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion:130 Resp: 34962
Ion Ratio Lower Upper
130 100
95 102.5 78.2 117.4

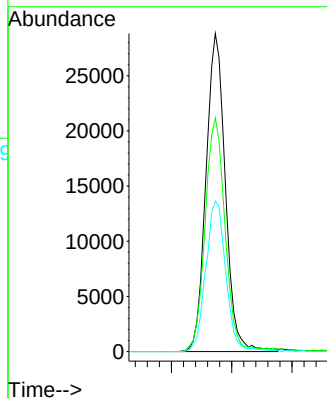
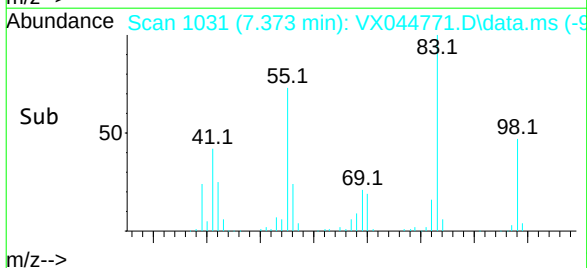
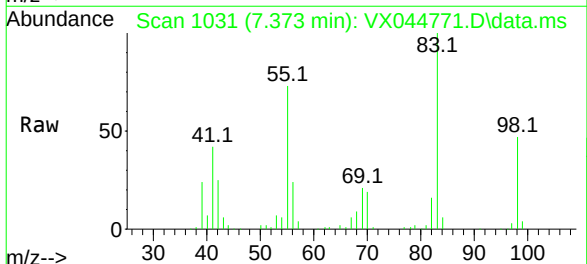
Manual Integrations
APPROVED

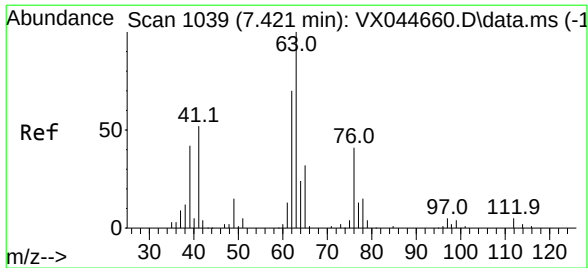
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#38
Methylcyclohexane
Concen: 19.243 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 83 Resp: 64376
Ion Ratio Lower Upper
83 100
55 74.8 38.4 115.2
98 48.3 24.4 73.4





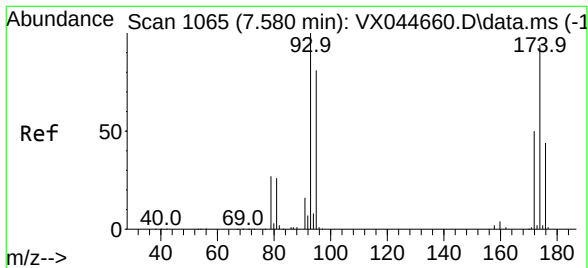
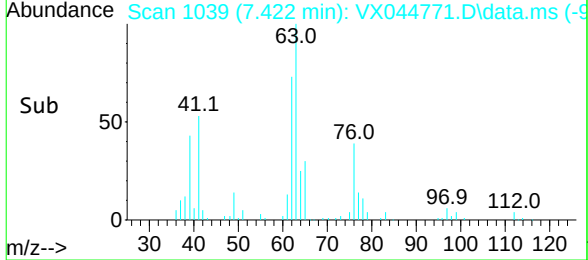
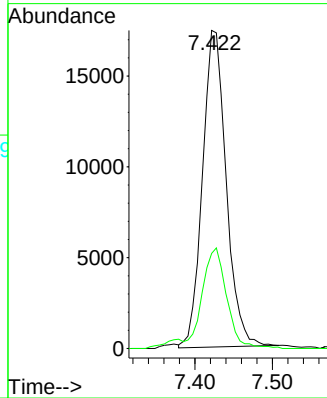
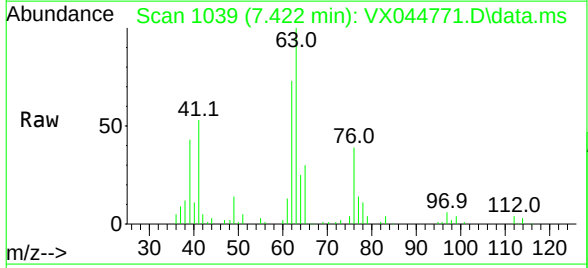
#39
1,2-Dichloropropane
Concen: 18.939 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion: 63 Resp: 37099
Ion Ratio Lower Upper
63 100
65 29.7 25.5 38.3

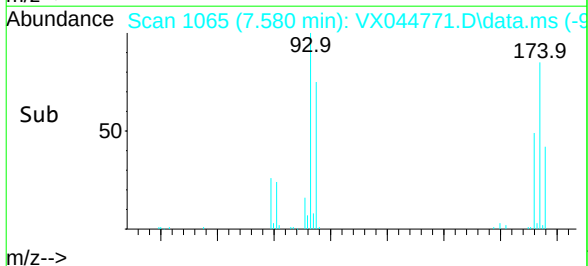
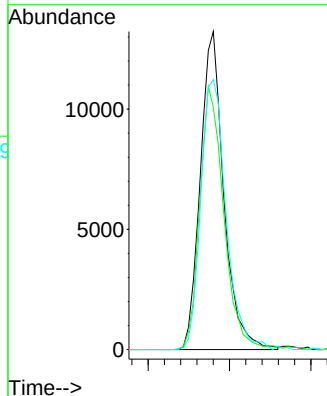
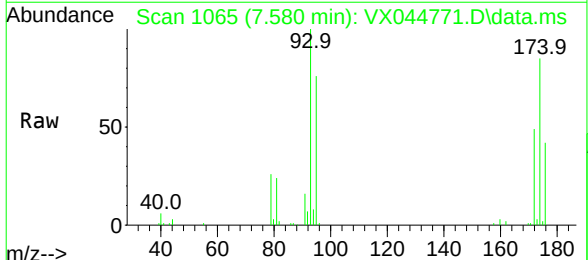
Manual Integrations
APPROVED

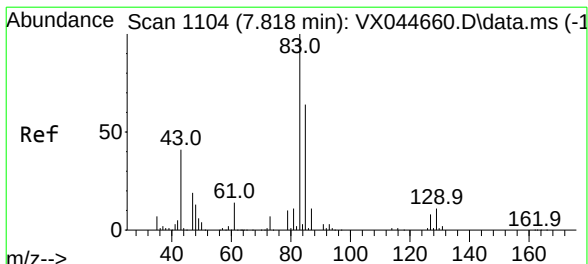
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Dibromomethane
Concen: 18.236 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 93 Resp: 26557
Ion Ratio Lower Upper
93 100
95 83.8 0.0 167.0
174 90.6 0.0 182.0



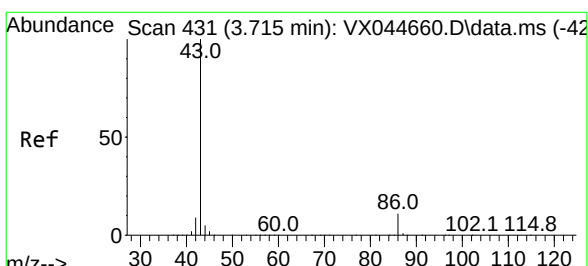
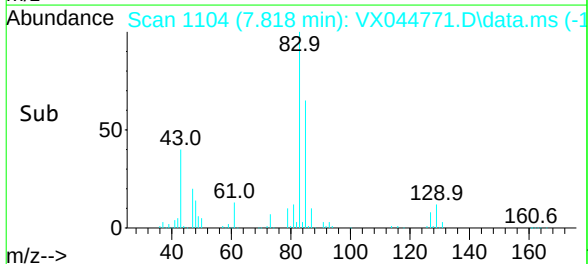
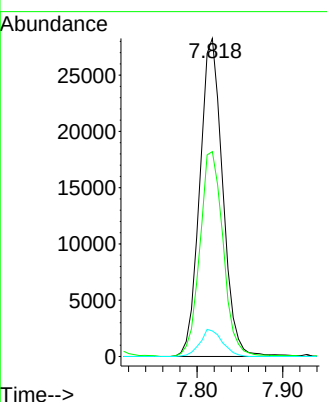
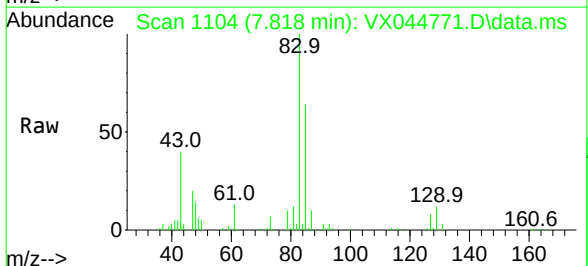


#41
 Bromodichloromethane
 Concen: 17.412 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX044771.D
 Acq: 30 Jan 2025 10:21

Instrument : MSVOA_X
 ClientSampleId : VX0130WBSD01

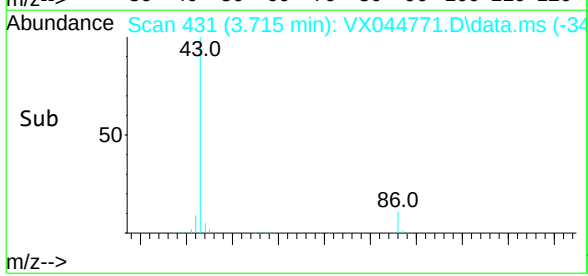
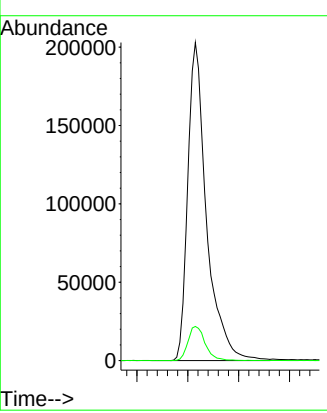
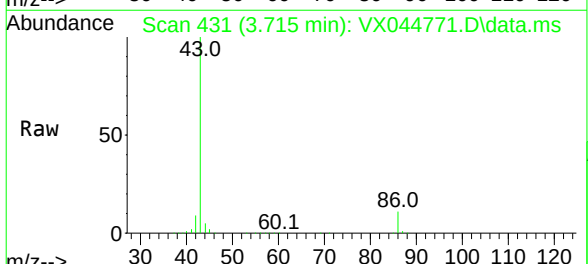
Tgt Ion: 83	Resp: 52359
Ion Ratio	Lower Upper
83 100	
85 64.4	50.9 76.3
127 8.0	6.5 9.7

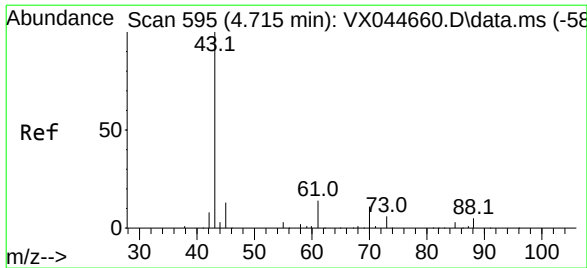
Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#42
 Vinyl Acetate
 Concen: 96.823 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX044771.D
 Acq: 30 Jan 2025 10:21

Tgt Ion: 43	Resp: 520076
Ion Ratio	Lower Upper
43 100	
86 9.8	8.0 12.0





#43

Ethyl Acetate

Concen: 19.856 ug/l

RT: 4.709 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 43 Resp: 52682

Ion Ratio Lower Upper

43 100

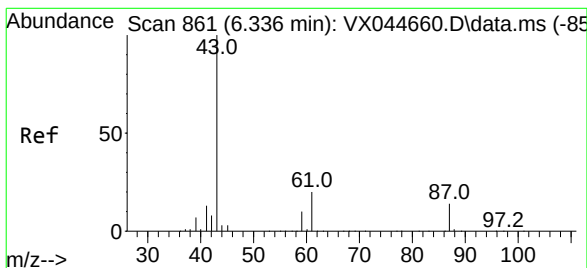
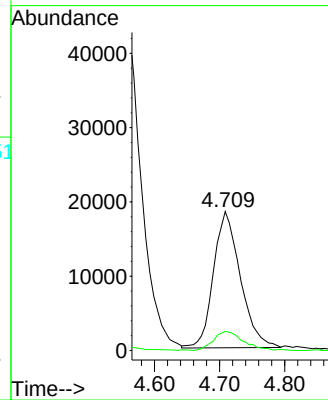
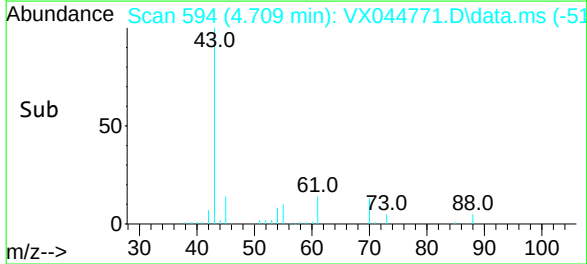
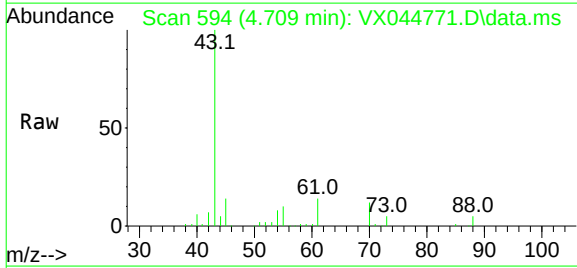
45 15.4 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#44

Isopropyl Acetate

Concen: 19.557 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044771.D

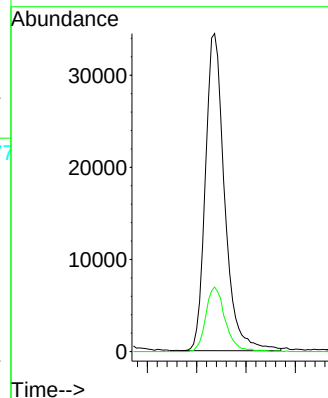
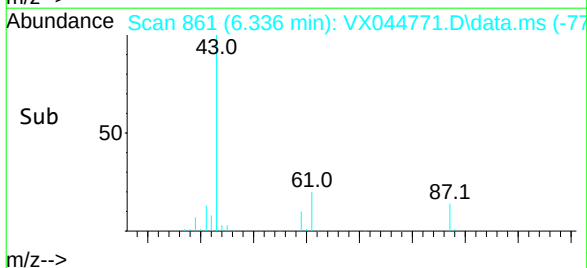
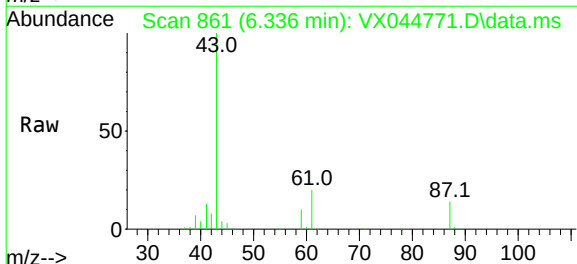
Acq: 30 Jan 2025 10:21

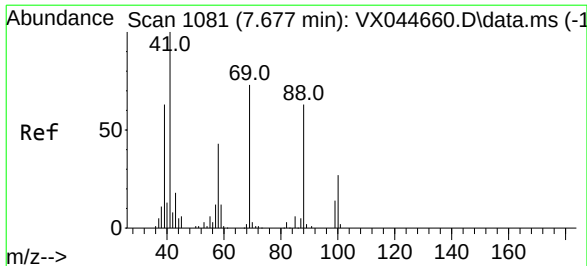
Tgt Ion: 43 Resp: 93220

Ion Ratio Lower Upper

43 100

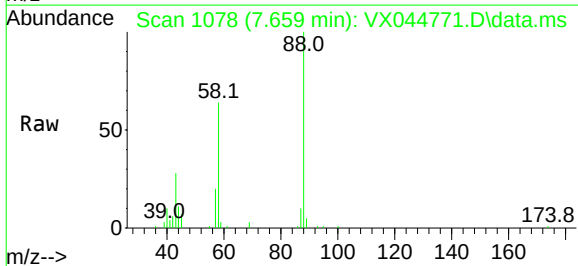
61 20.5 16.2 24.4





#45
1,4-Dioxane
Concen: 434.238 ug/l
RT: 7.659 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

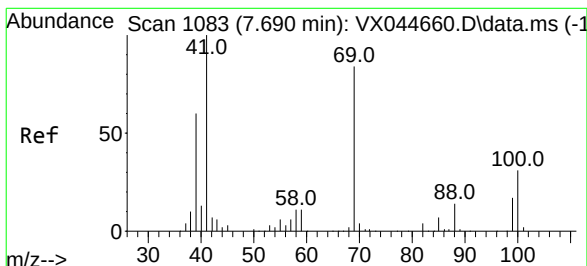
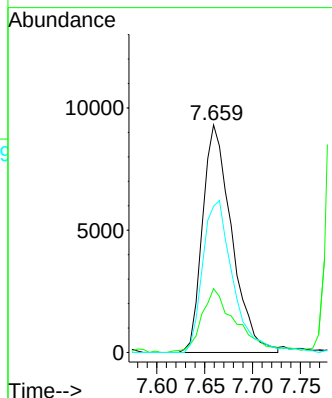
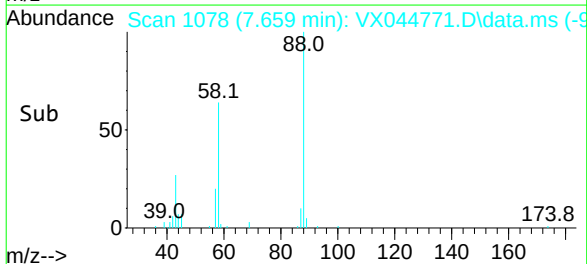
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



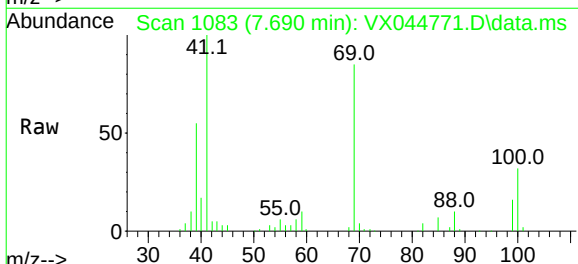
Tgt Ion: 88 Resp: 19709
Ion Ratio Lower Upper
88 100
43 32.9 25.9 38.9
58 69.0 58.9 88.3

Manual Integrations
APPROVED

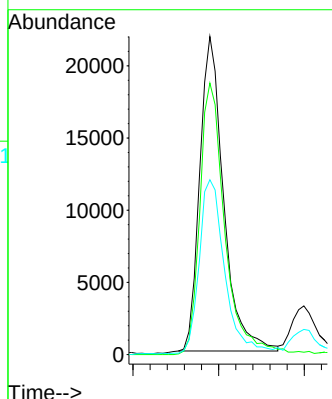
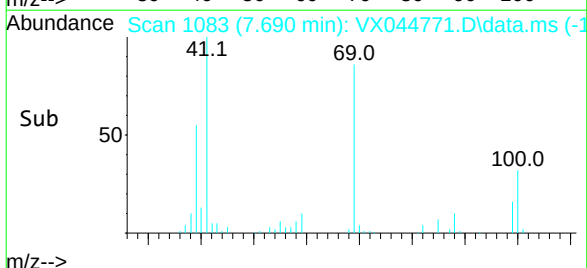
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

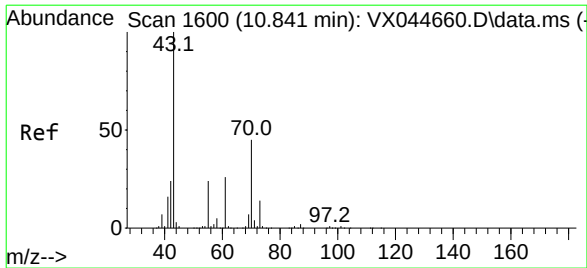


#46
Methyl methacrylate
Concen: 18.077 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21



Tgt Ion: 41 Resp: 42177
Ion Ratio Lower Upper
41 100
69 86.1 41.9 125.7
39 55.1 30.1 90.3





#47

n-amy1 Acetate

Concen: 20.342 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 43 Resp: 81371

Ion Ratio Lower Upper

43 100

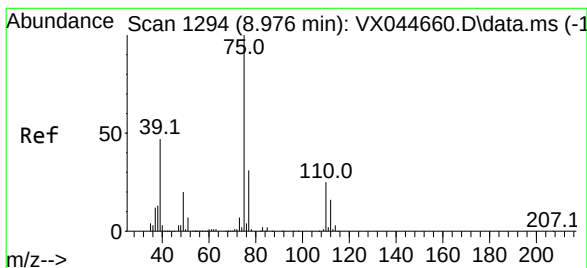
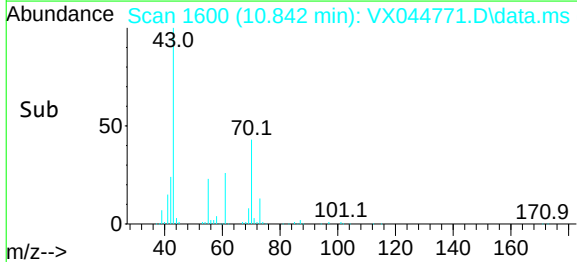
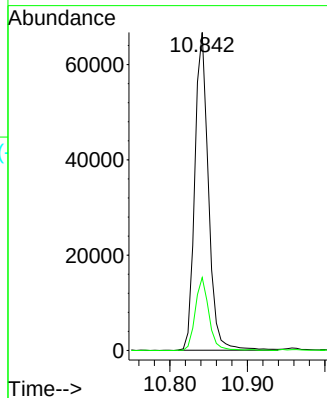
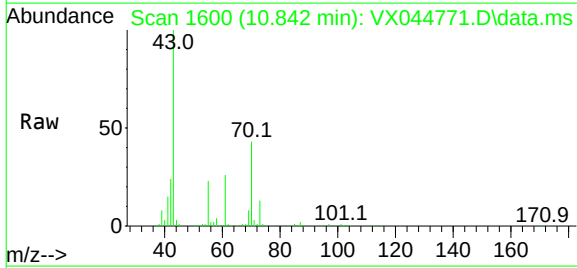
55 22.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#48

t-1,3-Dichloropropene

Concen: 17.661 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044771.D

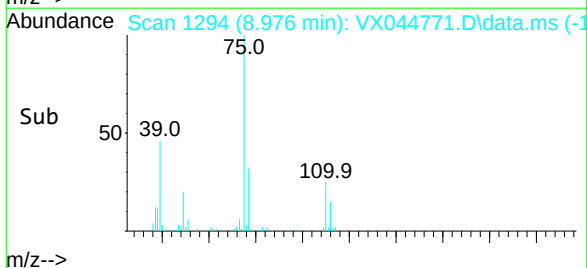
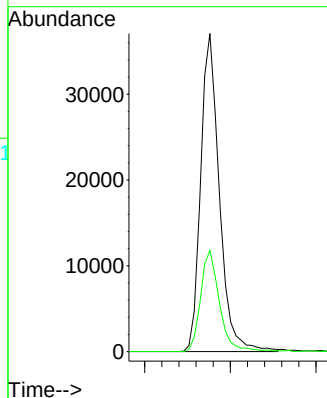
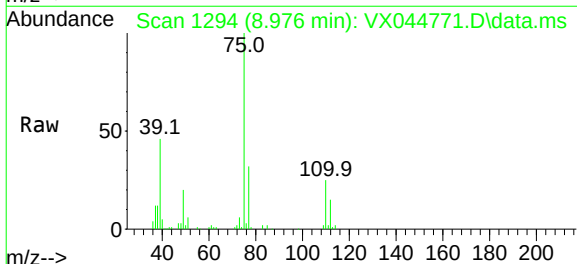
Acq: 30 Jan 2025 10:21

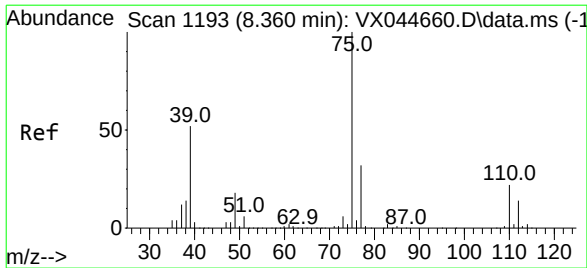
Tgt Ion: 75 Resp: 56055

Ion Ratio Lower Upper

75 100

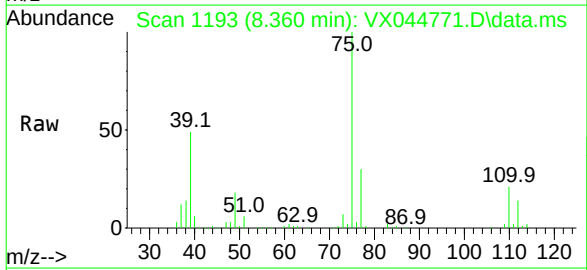
77 31.8 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 18.423 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

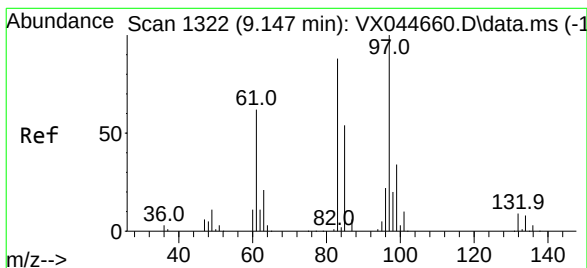
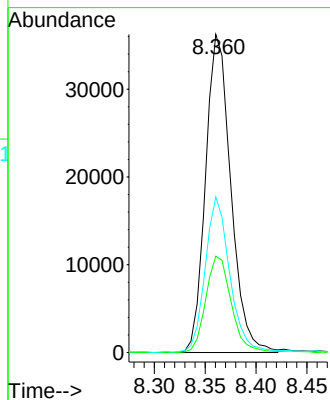
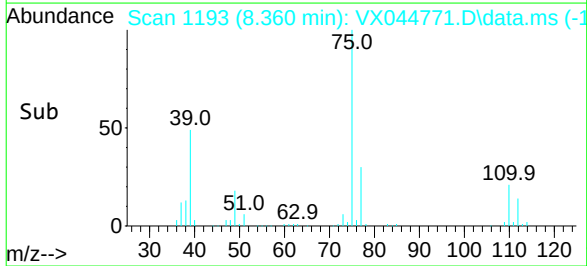
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 75 Resp: 62701
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 48.6 41.4 62.0

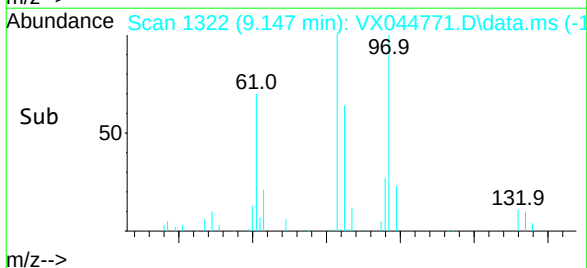
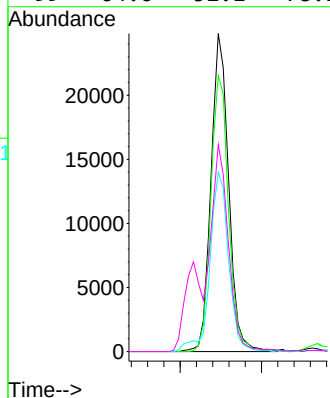
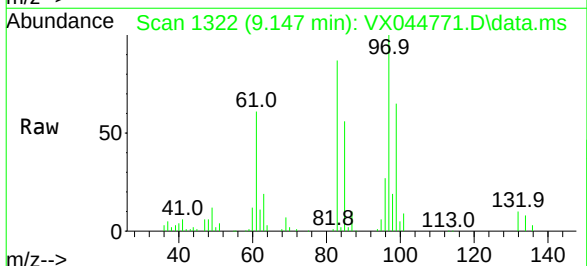
Manual Integrations
APPROVED

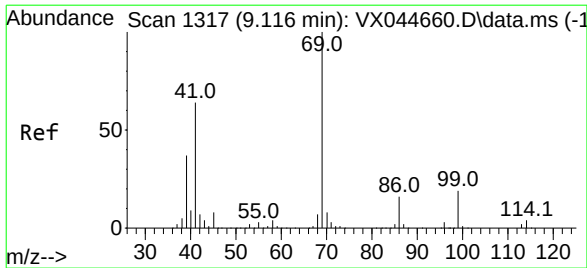
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#50
1,1,2-Trichloroethane
Concen: 19.930 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 97 Resp: 37380
Ion Ratio Lower Upper
97 100
83 86.8 69.2 103.8
85 56.2 44.8 67.2
99 64.6 52.1 78.1





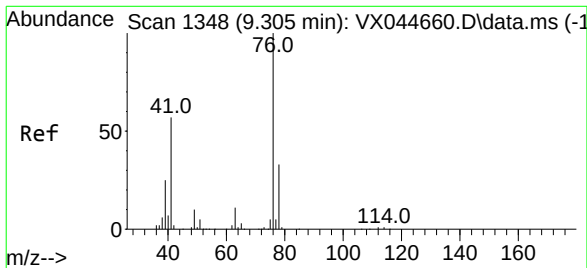
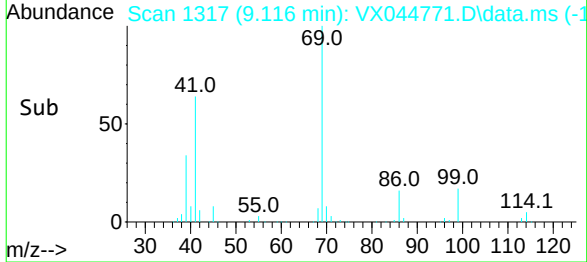
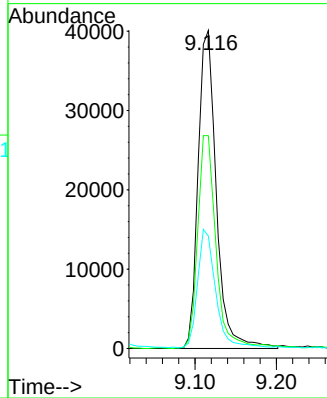
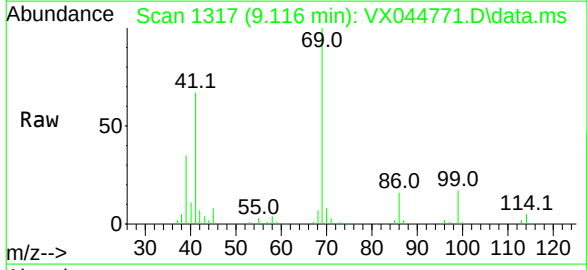
#51
Ethyl methacrylate
Concen: 19.165 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	32.0	96.0
39	35.2	18.6	55.6

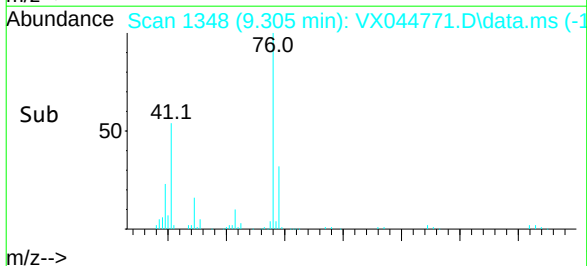
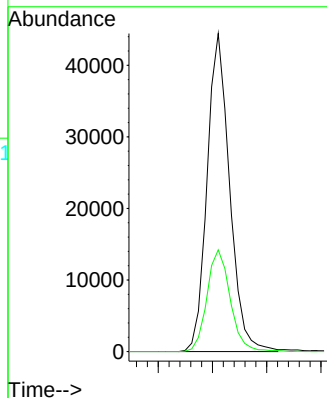
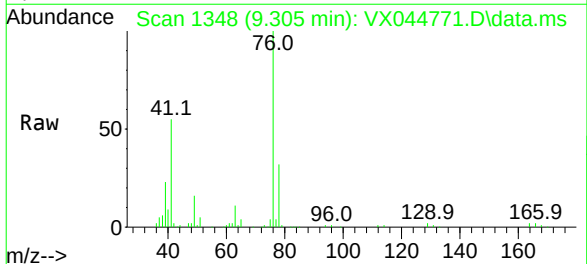
Manual Integrations
APPROVED

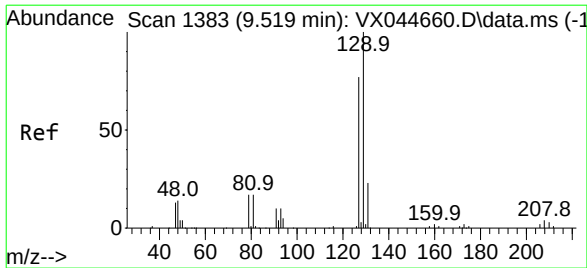
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
1,3-Dichloropropane
Concen: 19.780 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

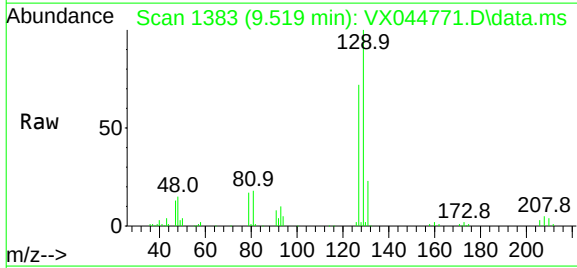
Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	64.0





#53
Dibromochloromethane
Concen: 18.392 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

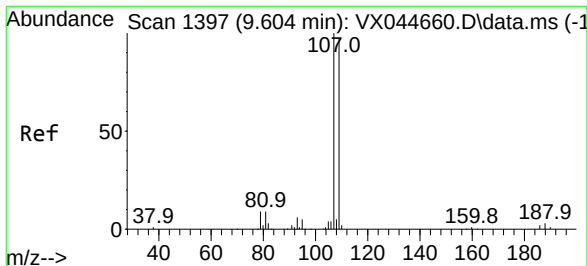
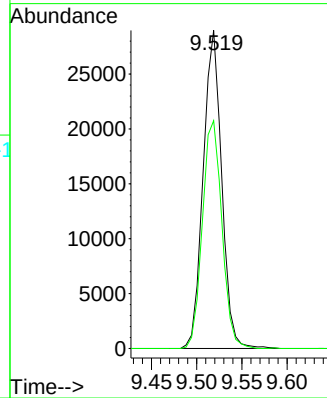
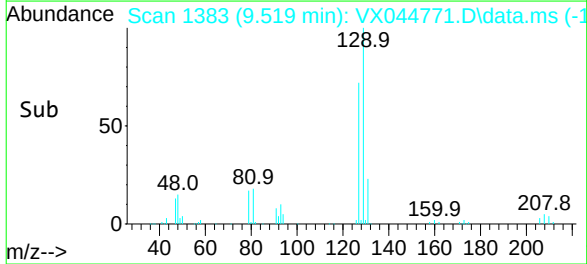
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion:129 Resp: 41220
Ion Ratio Lower Upper
129 100
127 75.4 37.8 113.4

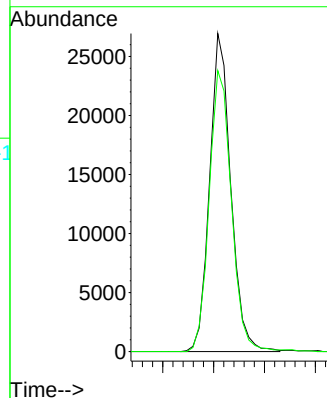
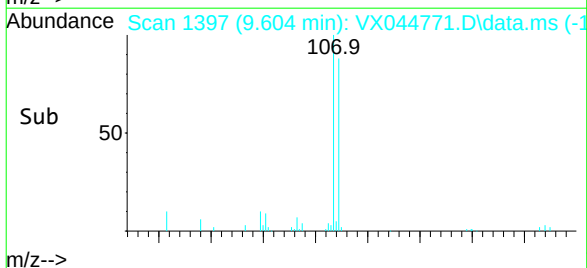
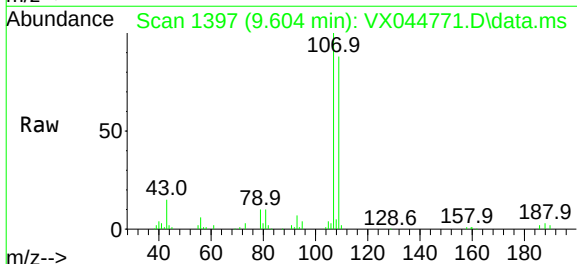
Manual Integrations
APPROVED

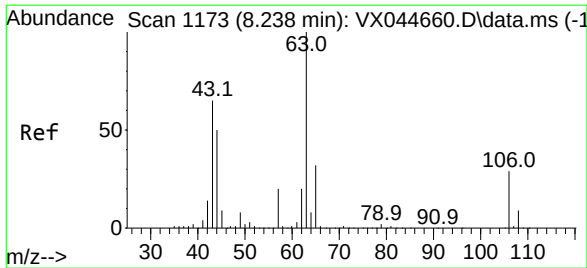
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#54
1,2-Dibromoethane
Concen: 19.658 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

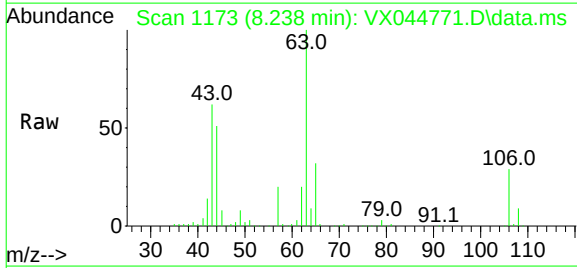
Tgt Ion:107 Resp: 38976
Ion Ratio Lower Upper
107 100
109 92.4 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 96.358 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

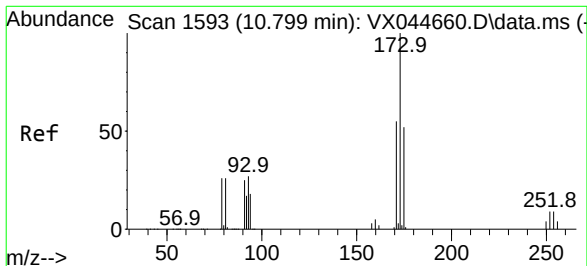
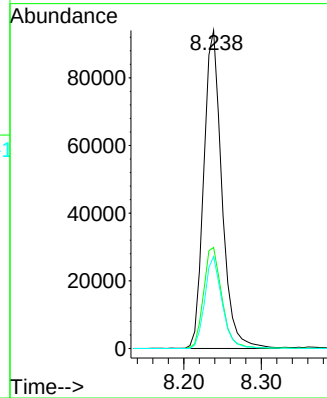
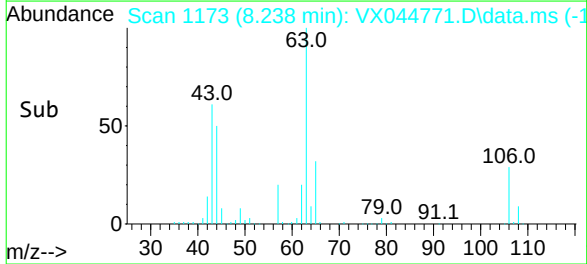
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



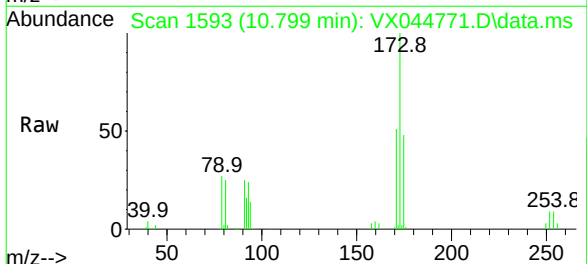
Tgt Ion: 63 Resp: 152336
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 27.6 23.1 34.7

Manual Integrations
APPROVED

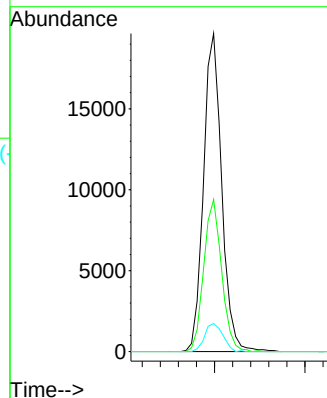
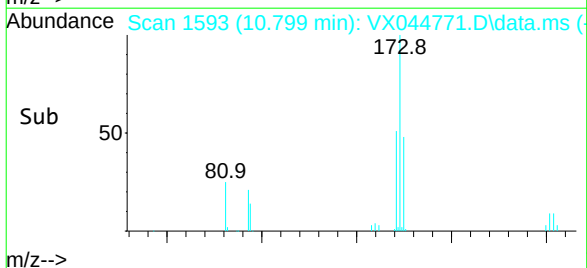
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

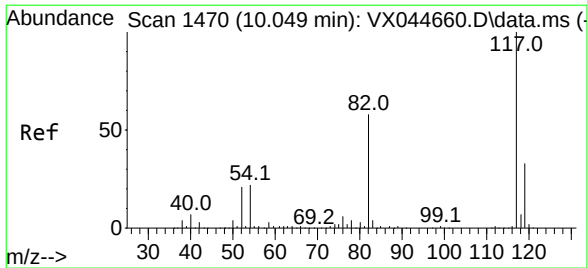


#56
Bromoform
Concen: 18.482 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21



Tgt Ion:173 Resp: 27467
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.6
254 8.8 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: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

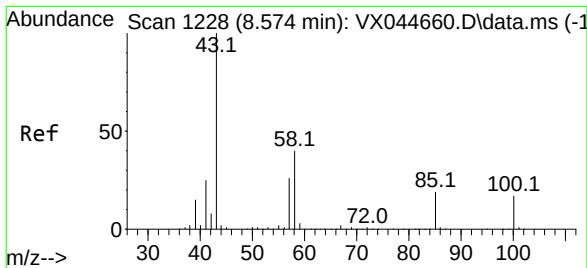
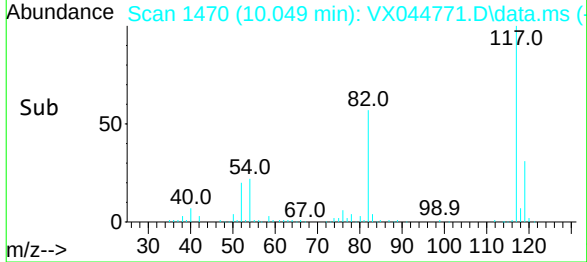
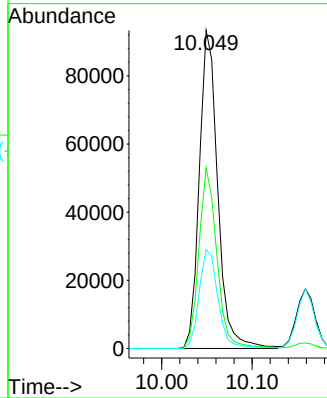
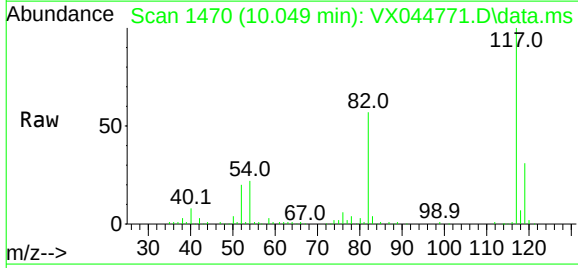
Tgt Ion:	117	Resp:	132262
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.8	68.6
119	32.1	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#58

4-Methyl-2-Pentanone

Concen: 103.852 ug/l

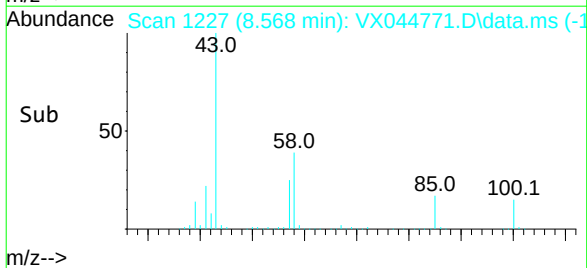
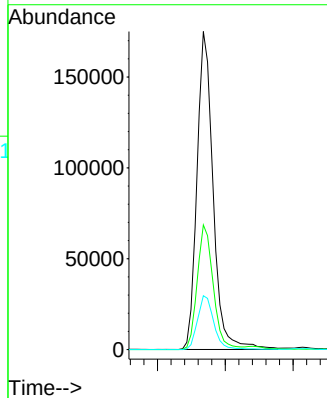
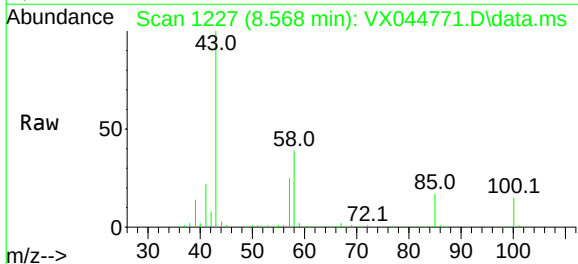
RT: 8.568 min Scan# 1227

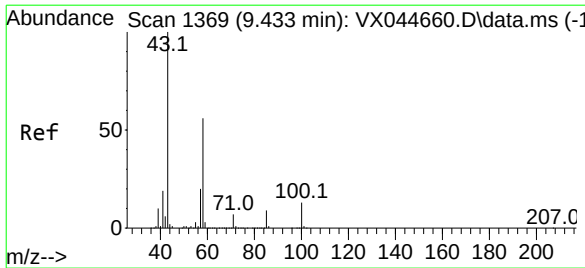
Delta R.T. -0.006 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

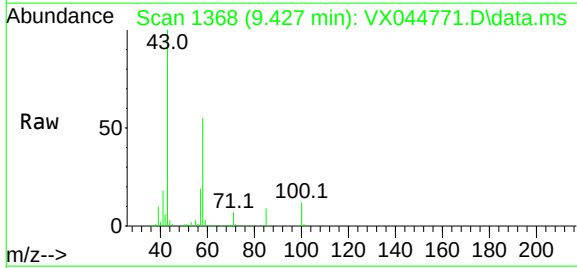
Tgt Ion:	43	Resp:	289527
Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.7	47.5
85	17.0	15.0	22.6





#59
2-Hexanone
Concen: 102.654 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

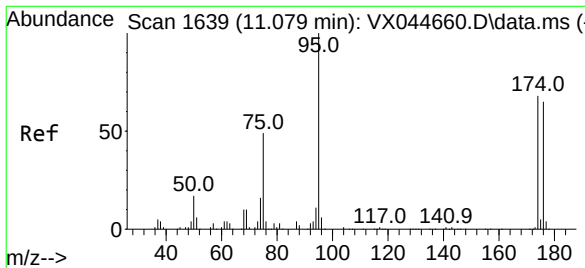
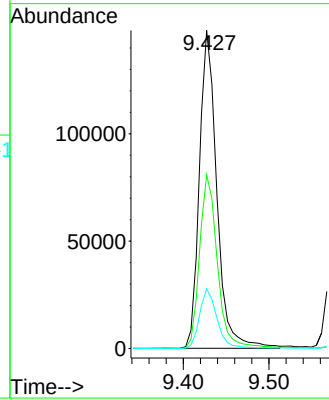
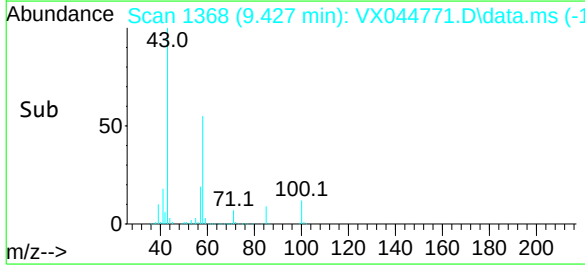
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 43 Resp: 209519
Ion Ratio Lower Upper
43 100
58 56.3 44.4 66.6
57 18.9 15.5 23.3

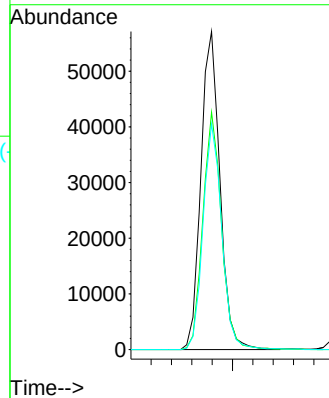
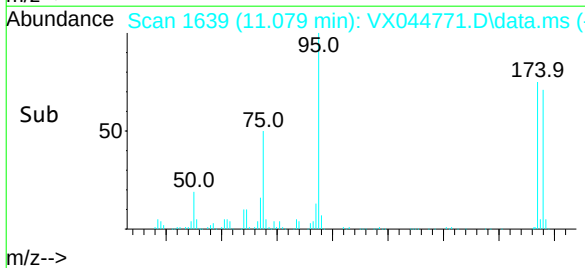
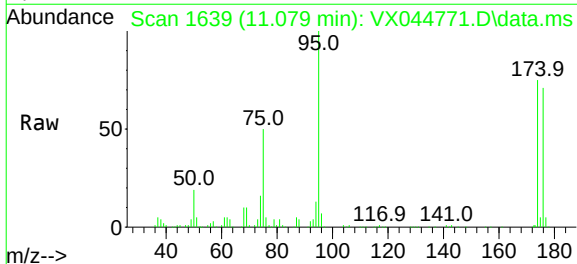
Manual Integrations
APPROVED

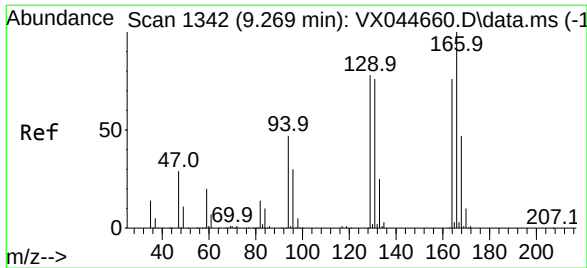
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
4-Bromofluorobenzene
Concen: 28.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

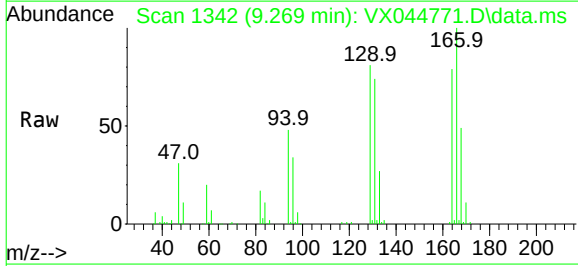
Tgt Ion: 95 Resp: 74422
Ion Ratio Lower Upper
95 100
174 72.8 54.6 81.8
176 69.5 52.8 79.2





#61
Tetrachloroethene
Concen: 18.108 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

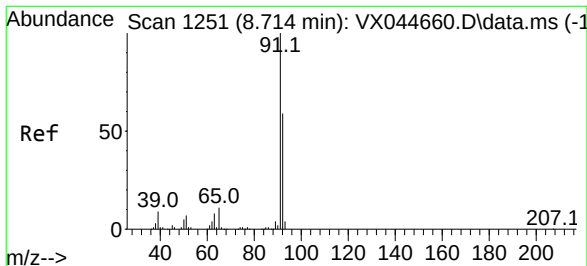
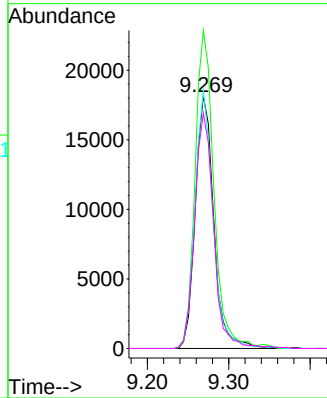
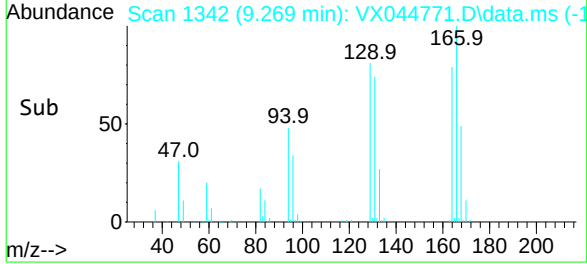
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 164 Resp: 28728
Ion Ratio Lower Upper
164 100
166 126.1 105.6 158.4
129 101.5 82.8 124.2
131 92.8 80.2 120.4

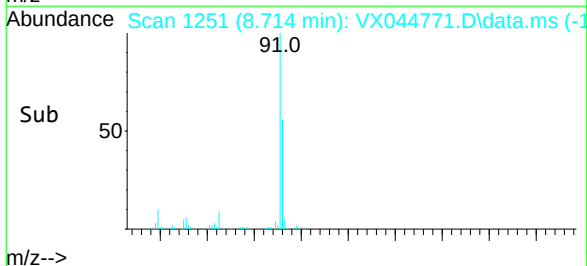
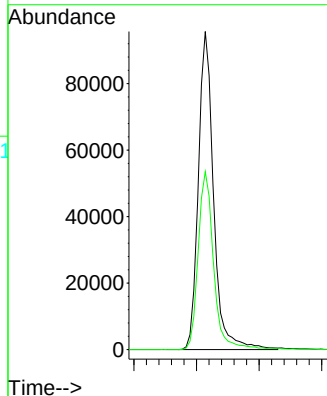
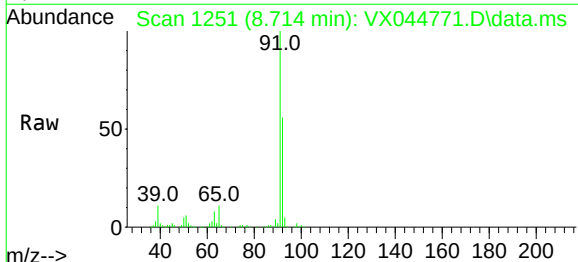
Manual Integrations
APPROVED

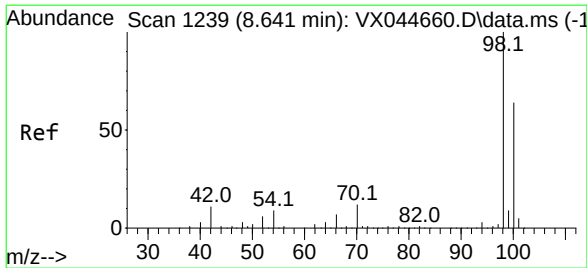
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#62
Toluene
Concen: 18.571 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 91 Resp: 161738
Ion Ratio Lower Upper
91 100
92 56.9 47.3 70.9





#63

Toluene-d8

Concen: 28.956 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion: 98 Resp: 208299

Ion Ratio Lower Upper

98 100

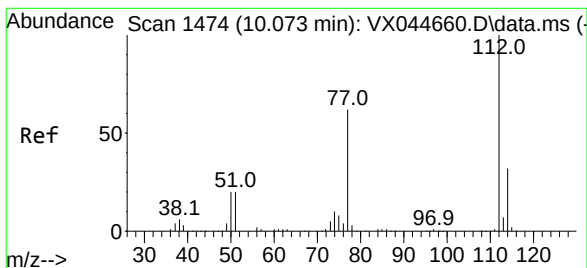
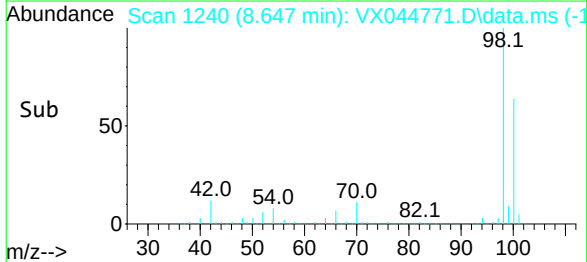
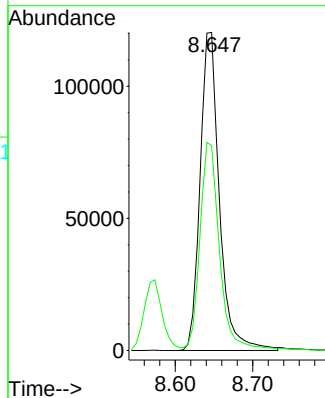
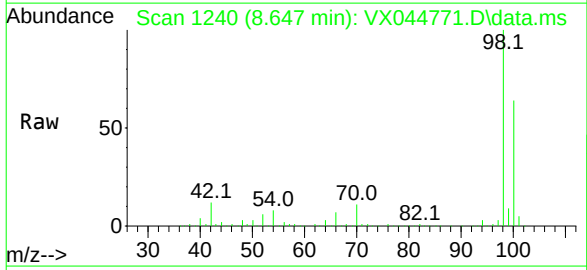
100 66.8 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#64

Chlorobenzene

Concen: 18.624 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044771.D

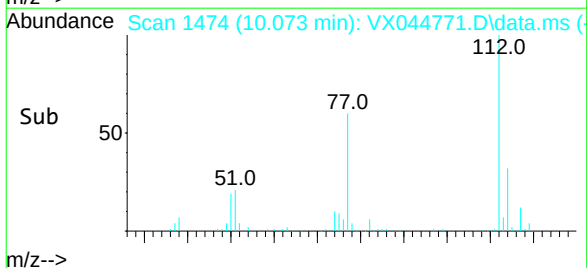
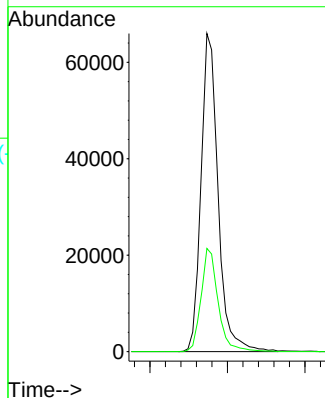
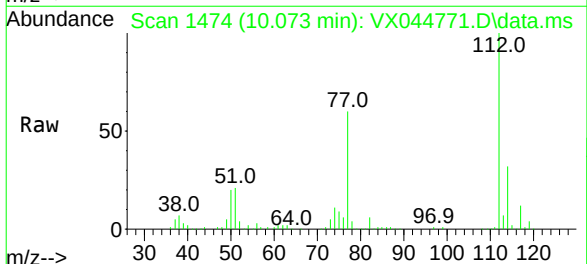
Acq: 30 Jan 2025 10:21

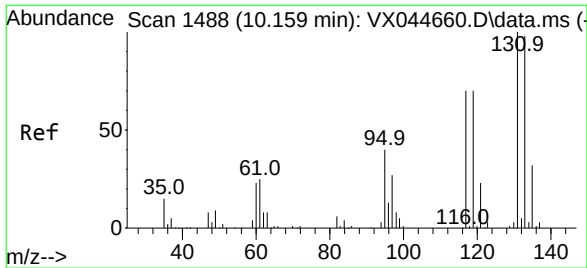
Tgt Ion:112 Resp: 100732

Ion Ratio Lower Upper

112 100

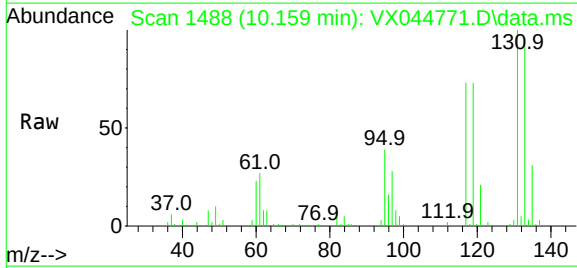
114 32.4 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 17.627 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

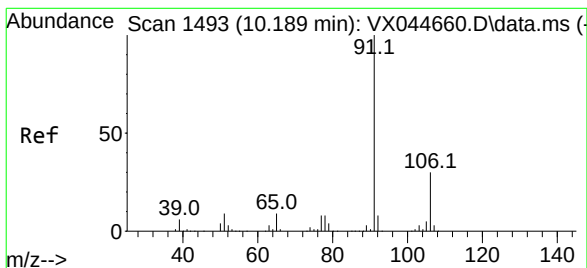
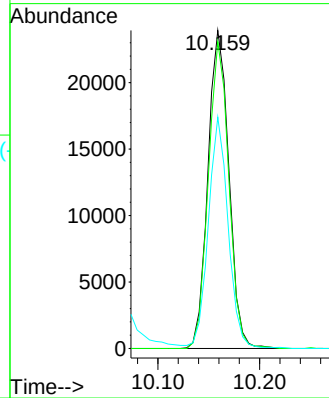
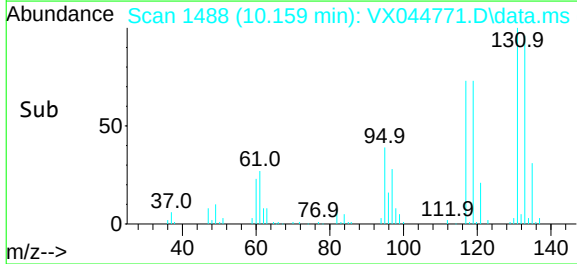
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 131 Resp: 34248
Ion Ratio Lower Upper
131 100
133 94.3 0.0 192.4
119 67.9 0.0 133.4

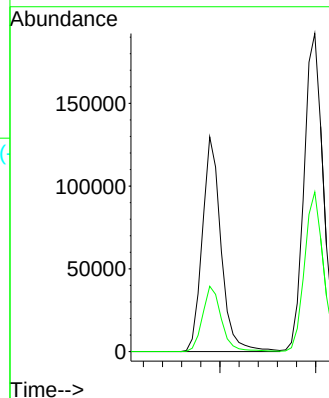
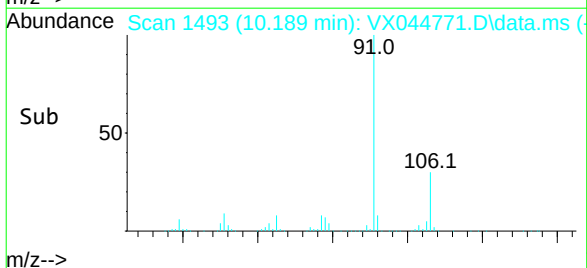
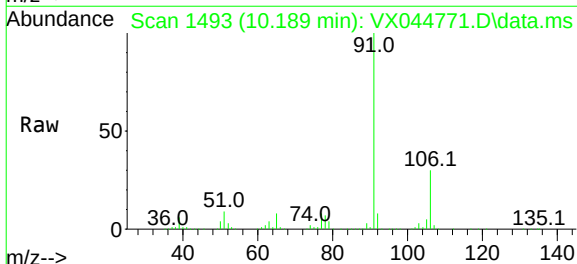
Manual Integrations
APPROVED

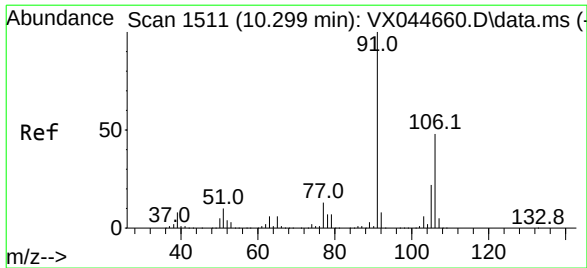
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
Ethyl Benzene
Concen: 18.594 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion: 91 Resp: 176723
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





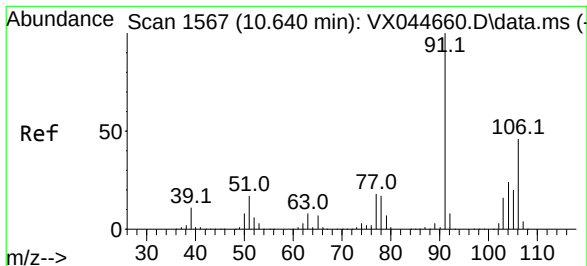
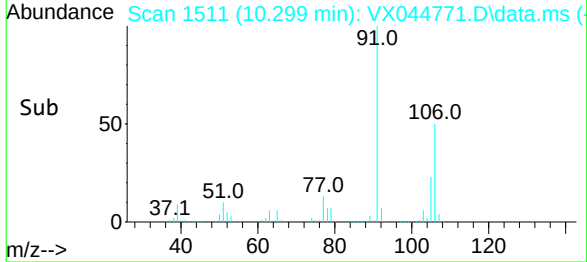
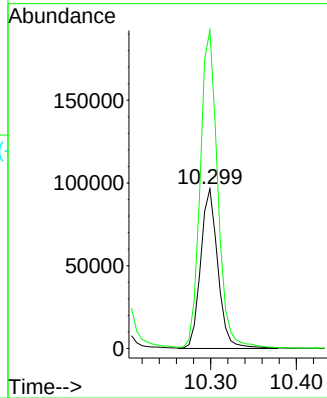
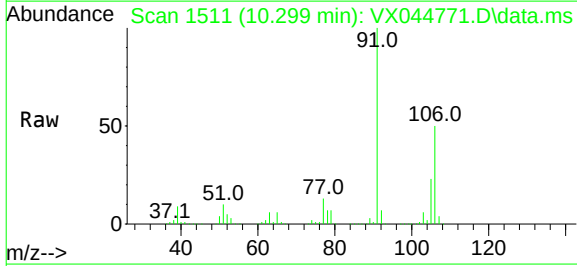
#67
m/p-Xylenes
Concen: 38.663 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion:106 Resp: 135074
Ion Ratio Lower Upper
106 100
91 202.7 166.8 250.2

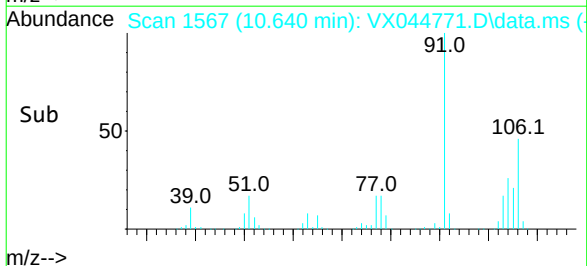
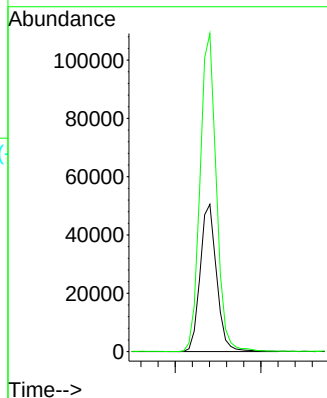
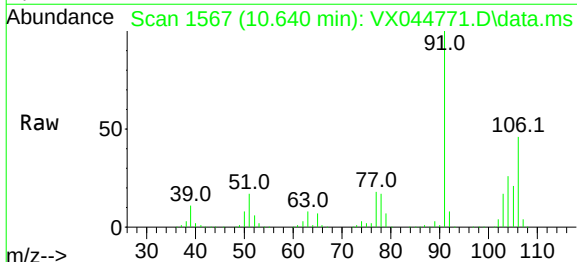
Manual Integrations
APPROVED

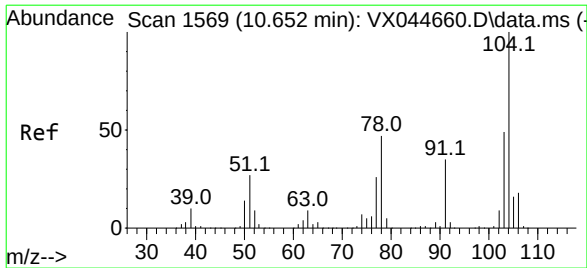
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#68
o-Xylene
Concen: 19.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion:106 Resp: 67389
Ion Ratio Lower Upper
106 100
91 214.1 109.7 329.1





#69

Styrene

Concen: 19.185 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

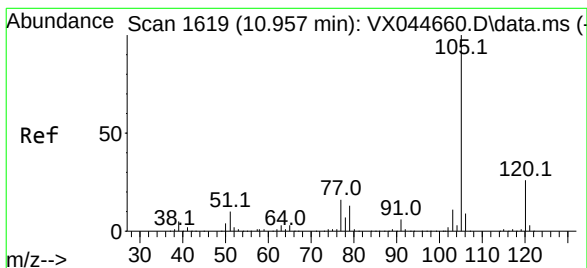
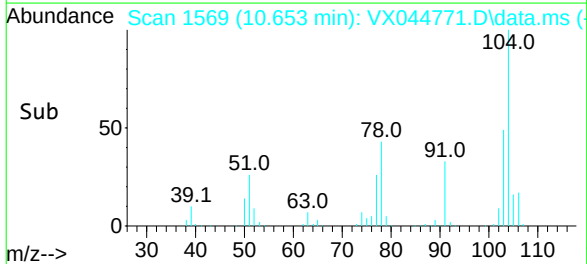
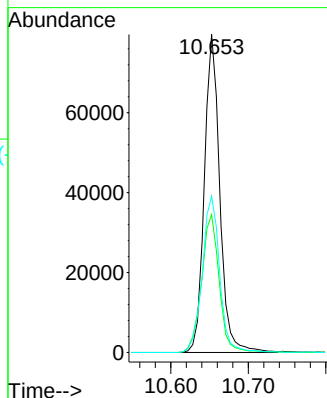
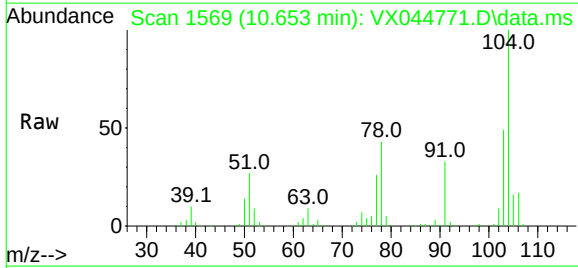
Tgt Ion:	104	Resp:	110448
Ion Ratio	Lower	Upper	
104	100		
78	49.5	42.0	63.0
103	55.2	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#70

Isopropylbenzene

Concen: 19.541 ug/l

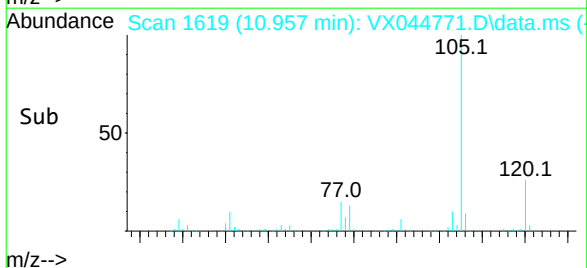
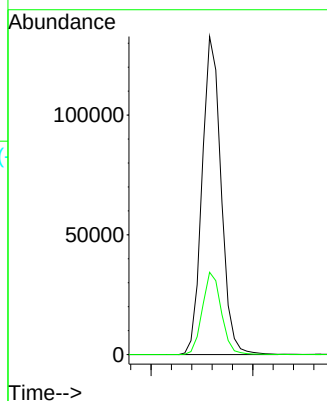
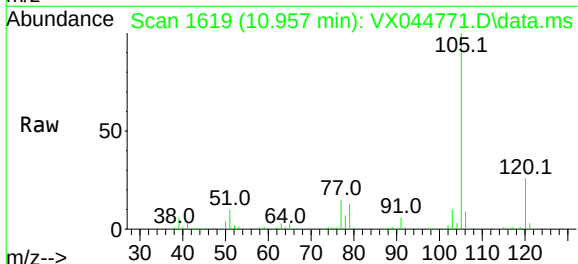
RT: 10.957 min Scan# 1619

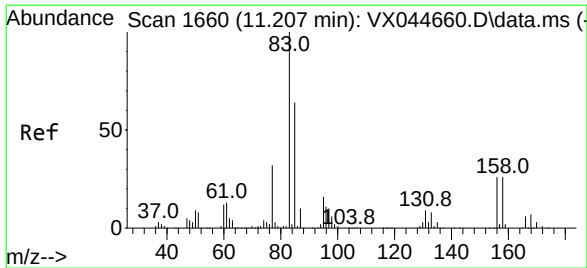
Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Tgt Ion:	105	Resp:	172248
Ion Ratio	Lower	Upper	
105	100		
120	25.8	18.6	34.6





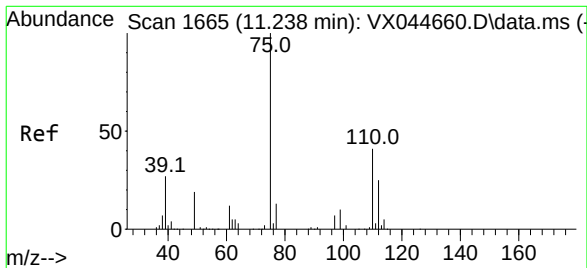
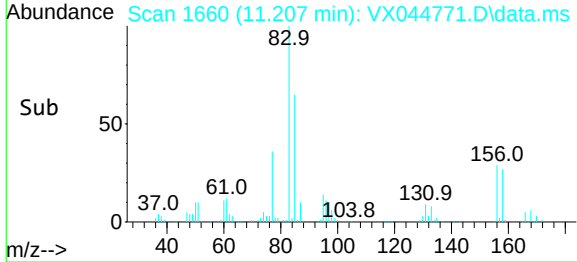
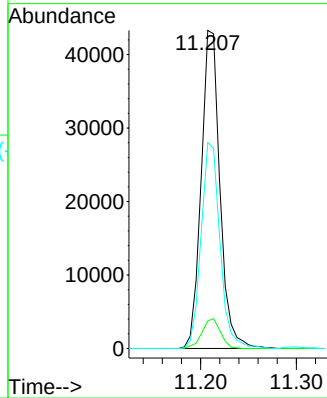
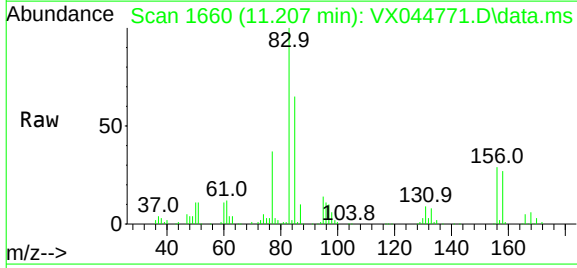
#71
1,1,2,2-Tetrachloroethane
Concen: 19.884 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion:	83	Resp:	58923
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	14.9
85	65.3	33.0	99.0

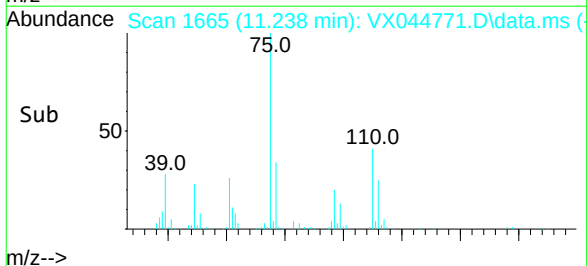
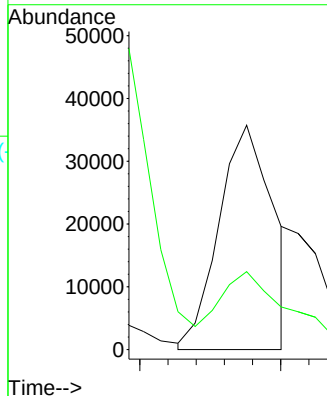
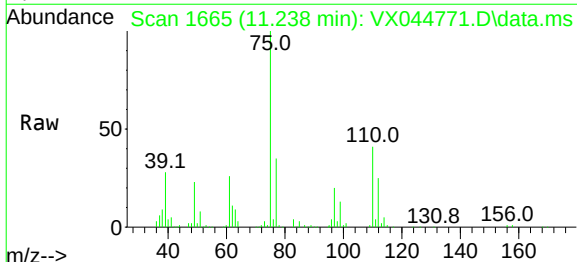
Manual Integrations
APPROVED

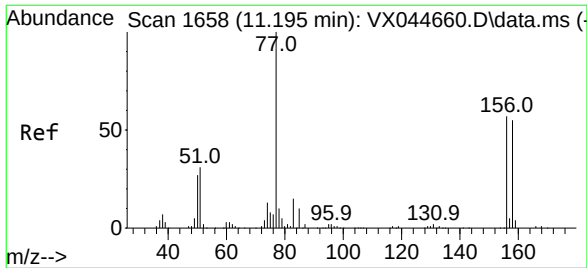
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#72
1,2,3-Trichloropropane
Concen: 19.140 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion:	75	Resp:	47716
Ion	Ratio	Lower	Upper
75	100		
77	46.2	0.0	83.0





#73

Bromobenzene

Concen: 19.074 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

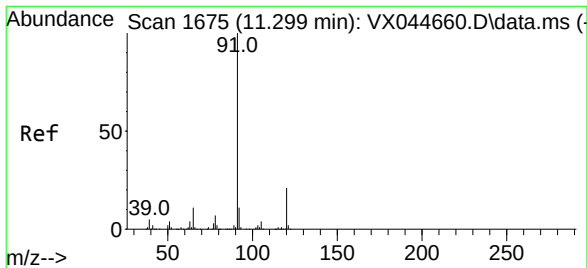
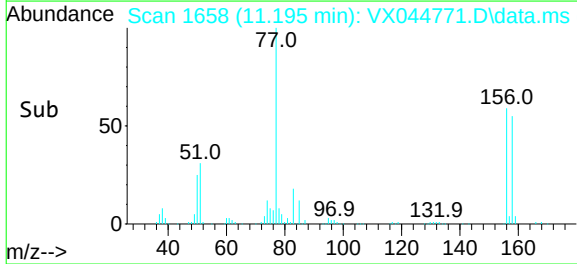
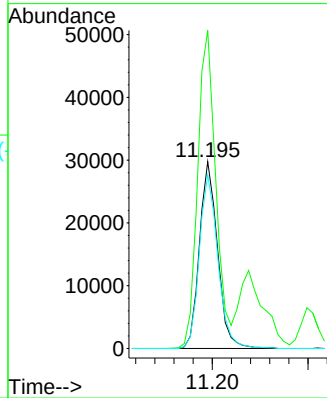
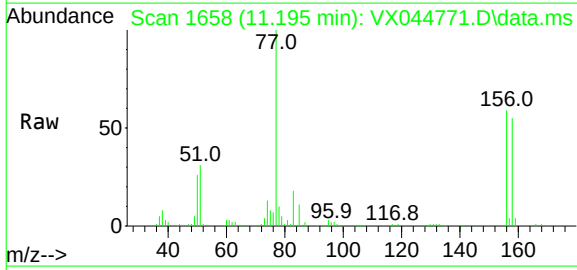
Tgt Ion:	156	Resp:	39168
Ion	Ratio	Lower	Upper
156	100		
77	170.0	0.0	354.6
158	95.1	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

n-propylbenzene

Concen: 19.903 ug/l

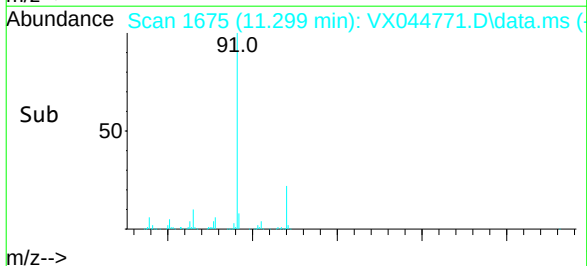
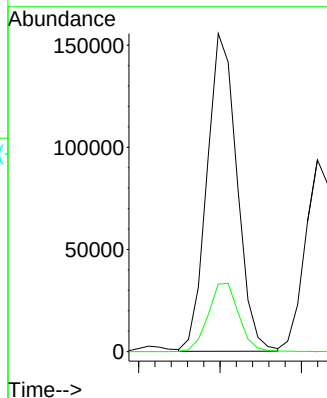
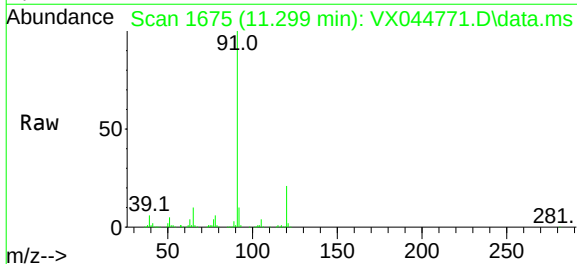
RT: 11.299 min Scan# 1675

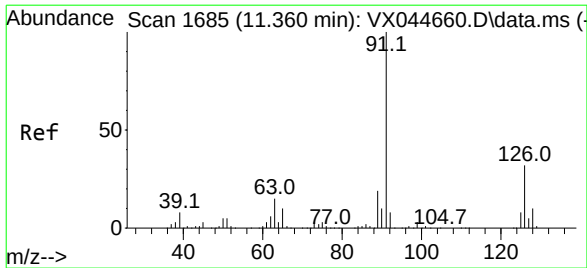
Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Tgt Ion:	91	Resp:	199273
Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	45.0





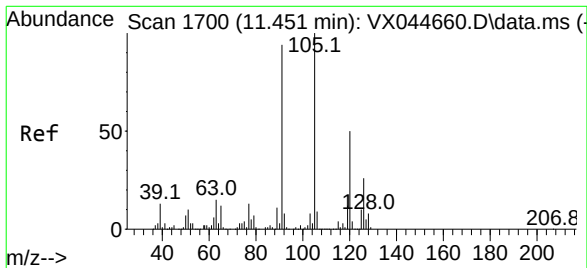
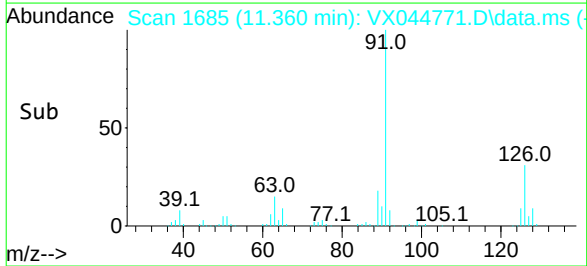
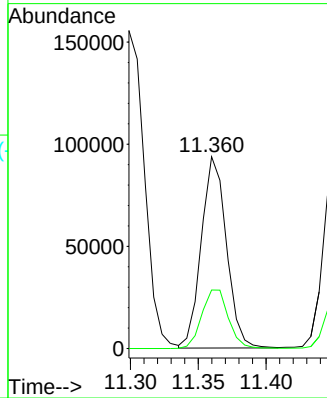
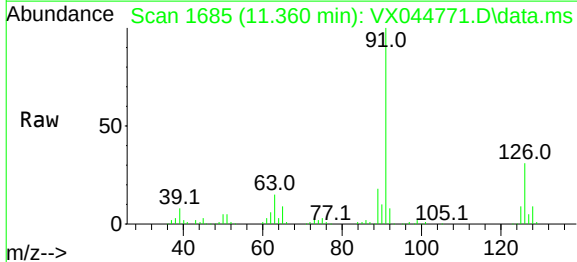
#75
2-Chlorotoluene
Concen: 19.176 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion: 91 Resp: 120706
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.0

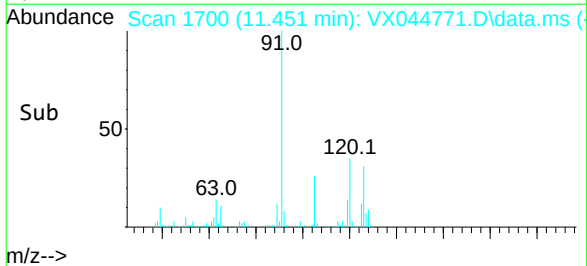
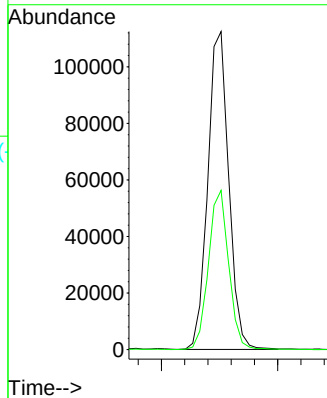
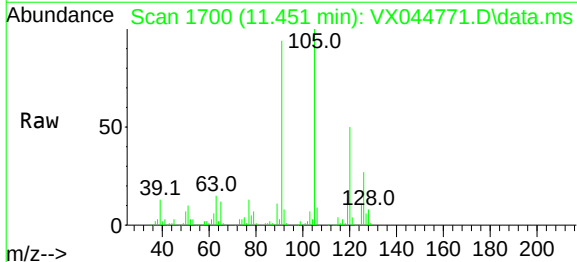
Manual Integrations
APPROVED

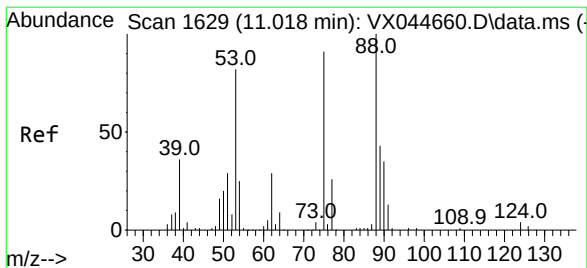
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.634 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion:105 Resp: 140553
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.081 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

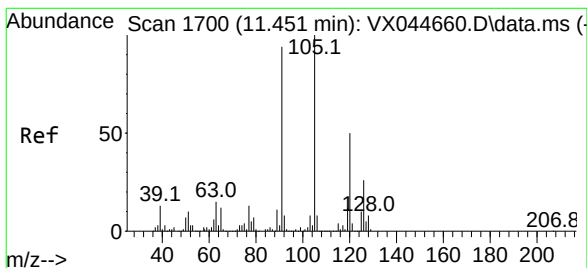
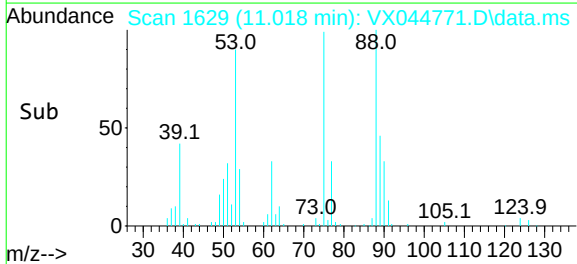
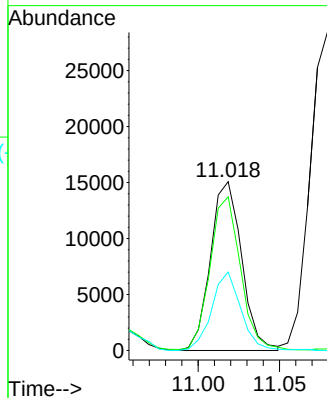
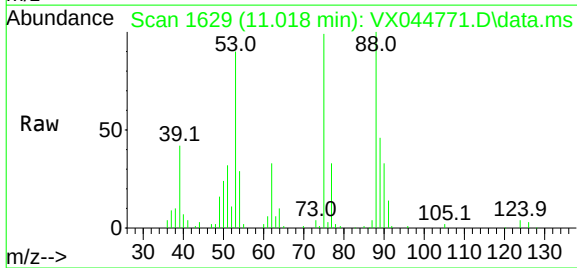
Tgt Ion:	75	Resp:	20146
Ion	Ratio	Lower	Upper
75	100		
53	90.4	45.3	135.9
89	46.5	23.8	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#78

4-Chlorotoluene

Concen: 19.053 ug/l

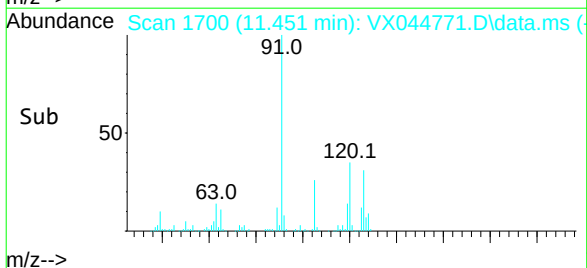
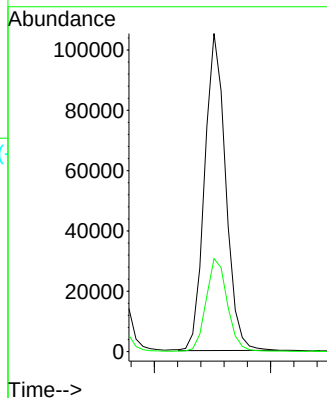
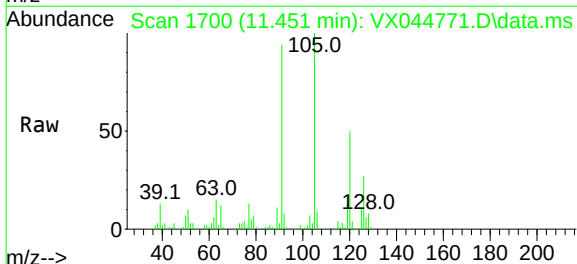
RT: 11.451 min Scan# 1700

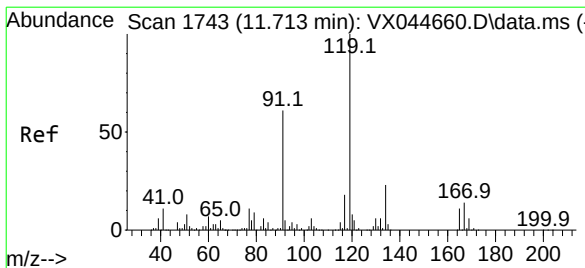
Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Tgt Ion:	91	Resp:	132147
Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	55.4





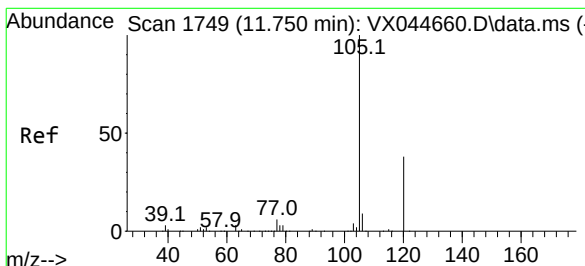
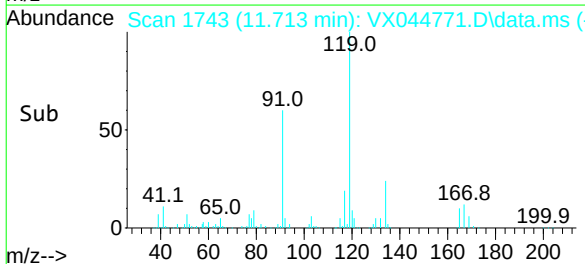
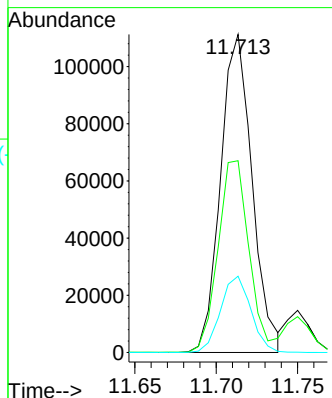
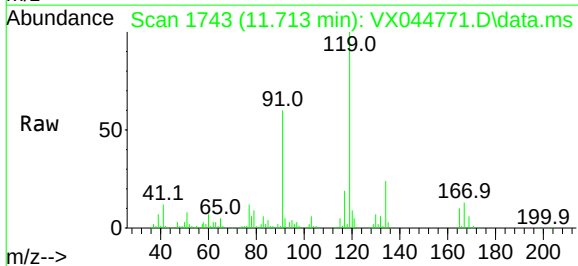
#79
tert-butylbenzene
Concen: 20.428 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion:119 Resp: 150228
Ion Ratio Lower Upper
119 100
91 58.5 0.0 119.0
134 23.1 0.0 44.8

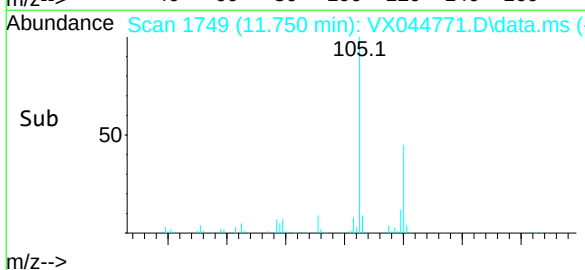
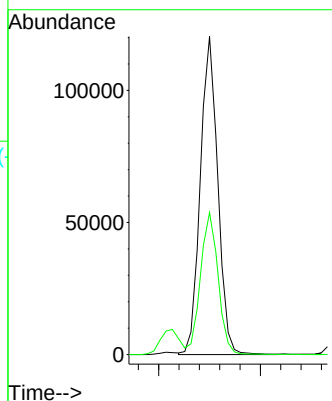
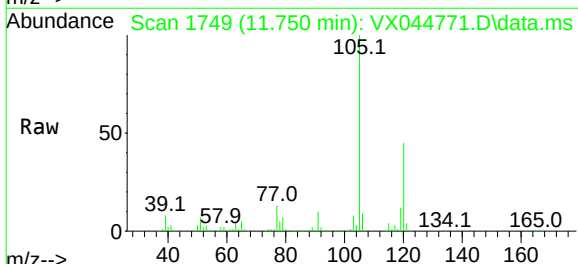
Manual Integrations
APPROVED

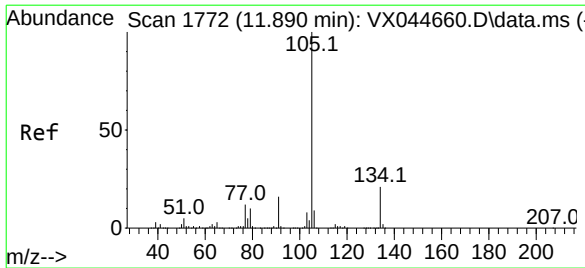
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.920 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Tgt Ion:105 Resp: 143875
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.4





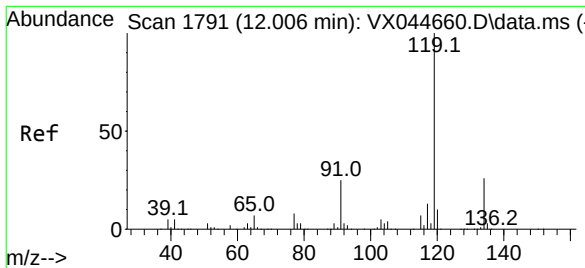
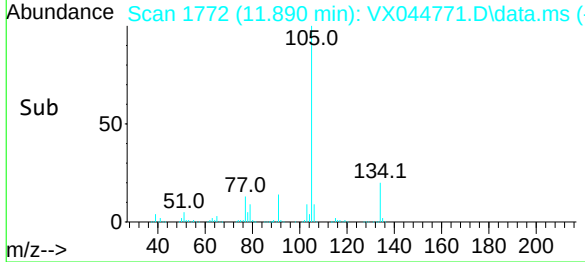
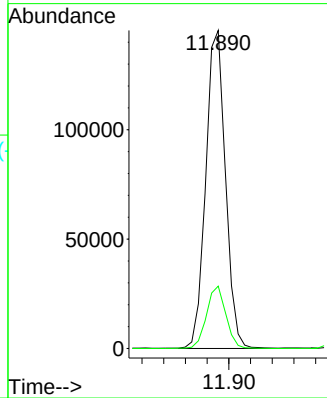
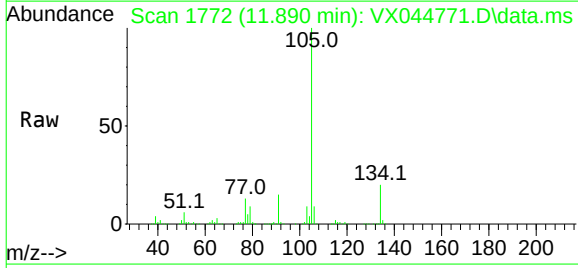
#81
sec-Butylbenzene
Concen: 20.880 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tgt Ion:105 Resp: 183361
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.6

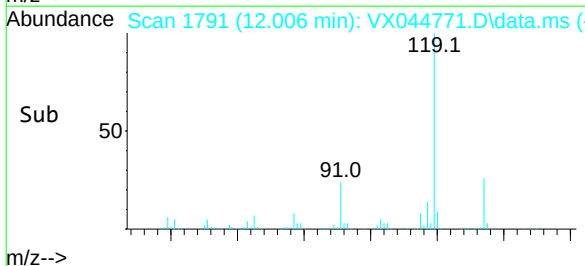
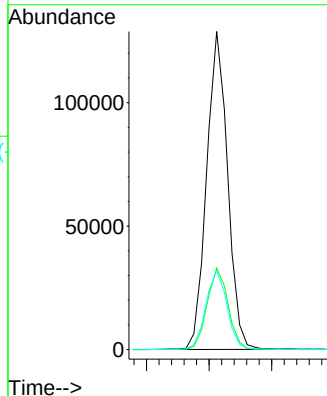
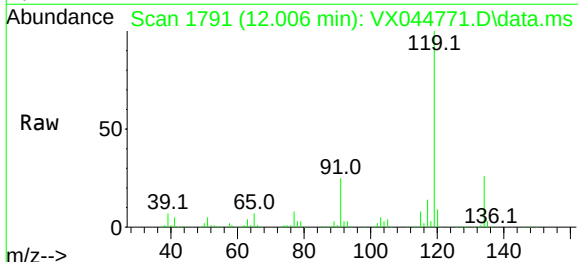
Manual Integrations
APPROVED

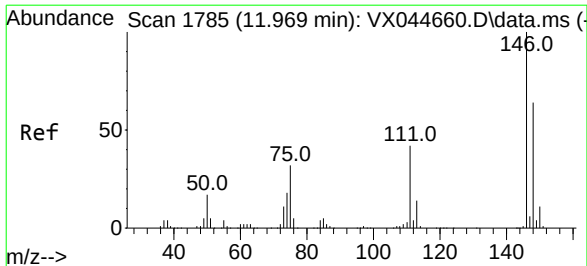
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
p-Isopropyltoluene
Concen: 20.746 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

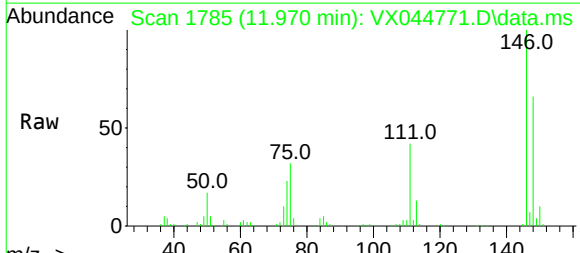
Tgt Ion:119 Resp: 149935
Ion Ratio Lower Upper
119 100
134 25.6 0.0 52.2
91 25.0 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.124 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

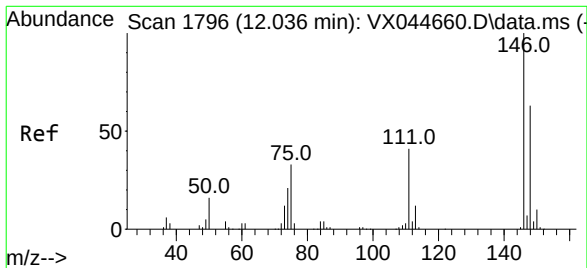
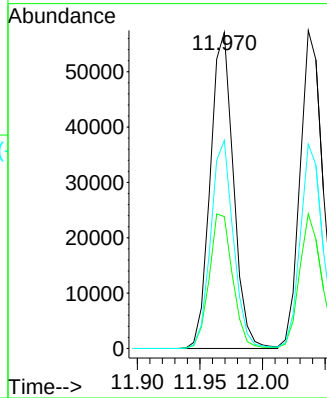
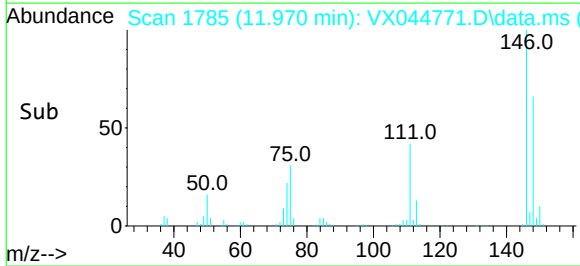
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion:146 Resp: 73399
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 64.6 31.6 94.7

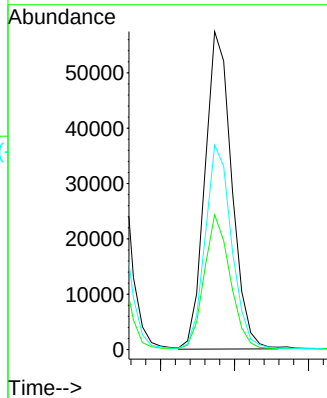
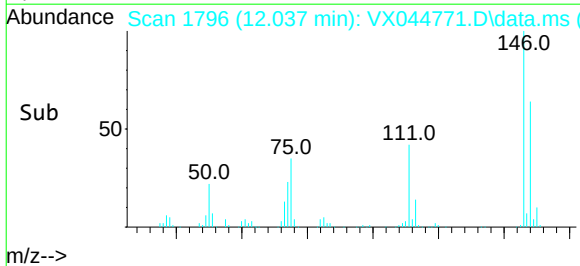
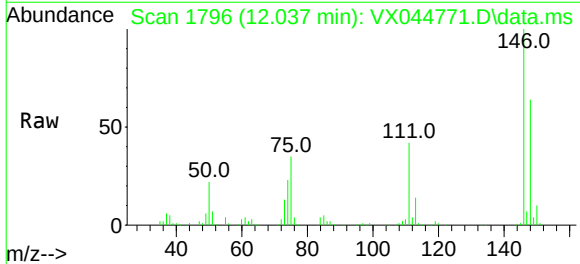
Manual Integrations
APPROVED

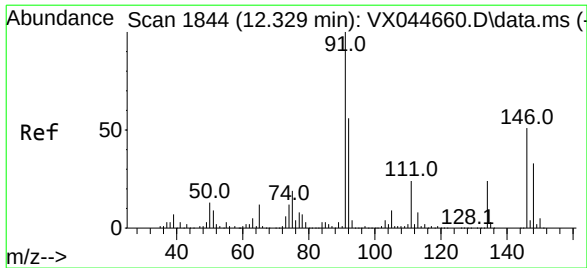
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#84
1,4-Dichlorobenzene
Concen: 20.223 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

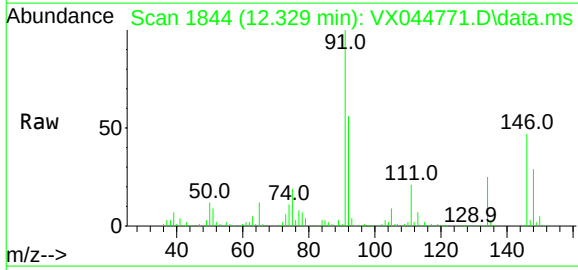
Tgt Ion:146 Resp: 72312
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.5
148 62.7 32.1 96.5





#85
n-Butylbenzene
Concen: 20.755 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

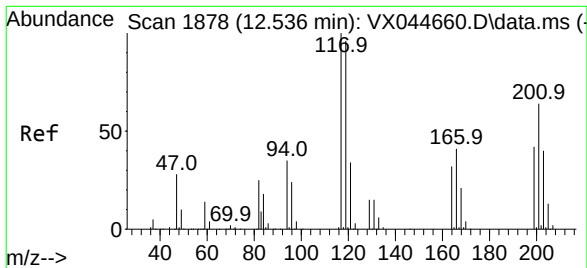
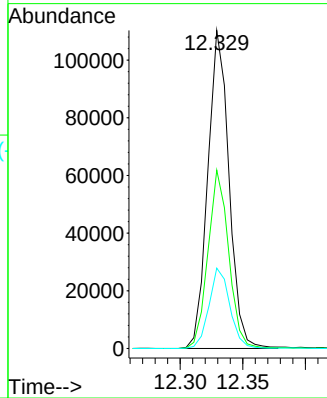
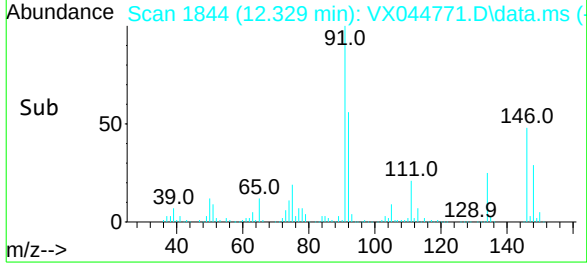
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



Tgt Ion: 91 Resp: 130026
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.4
134 24.9 0.0 49.2

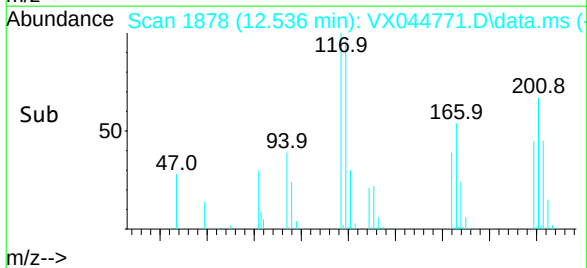
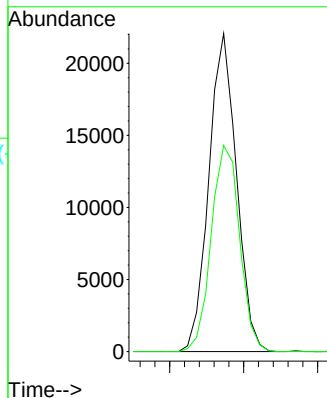
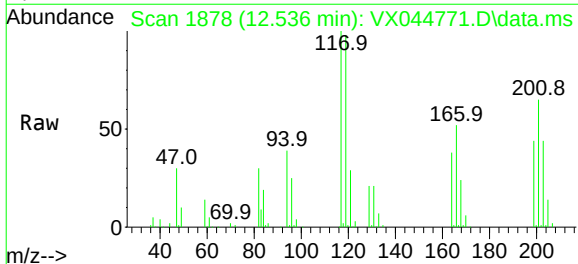
Manual Integrations
APPROVED

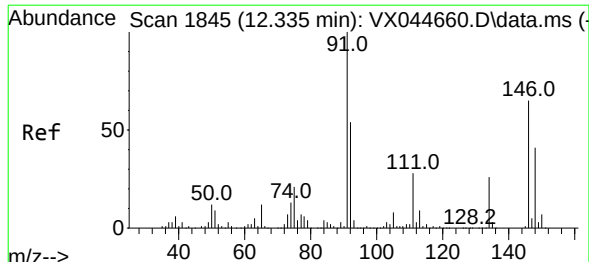
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#86
Hexachloroethane
Concen: 18.015 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

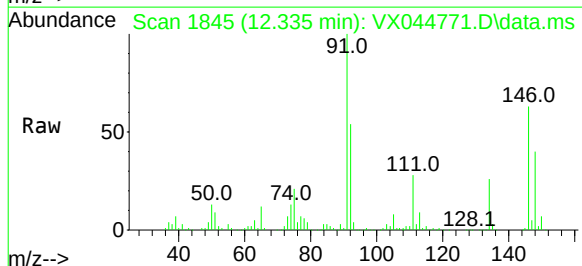
Tgt Ion:117 Resp: 28642
Ion Ratio Lower Upper
117 100
201 66.6 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21

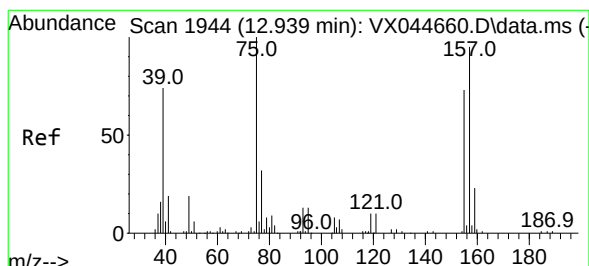
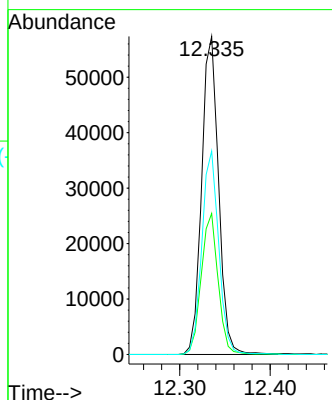
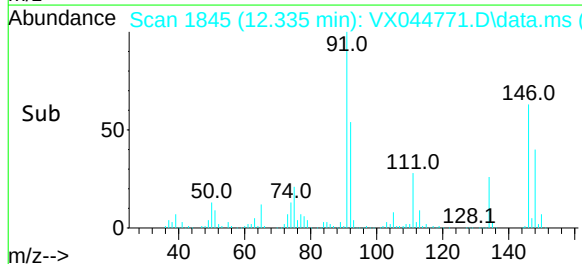
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01



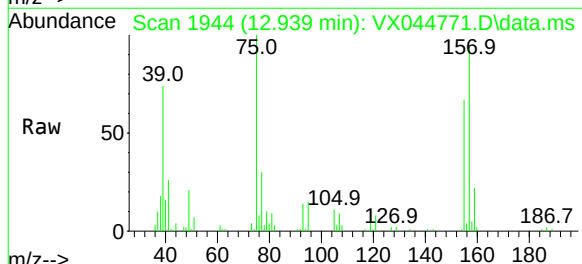
Tgt Ion: 146 Resp: 74692
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.9 32.1 96.3

Manual Integrations
APPROVED

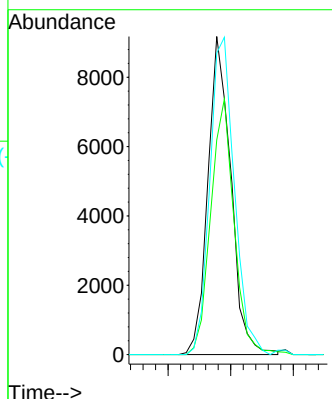
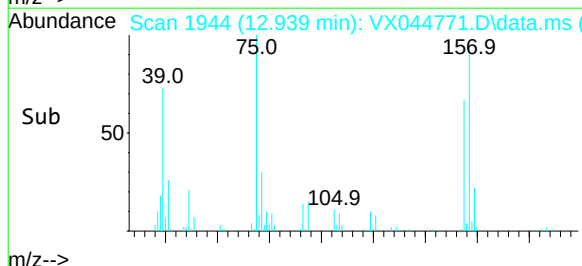
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

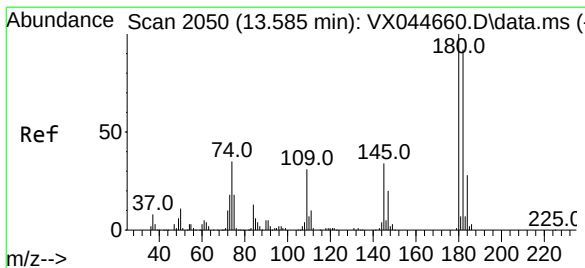


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.398 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044771.D
Acq: 30 Jan 2025 10:21



Tgt Ion: 75 Resp: 11704
Ion Ratio Lower Upper
75 100
155 81.5 62.3 93.5
157 106.1 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 18.743 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tgt Ion:180 Resp: 42425

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

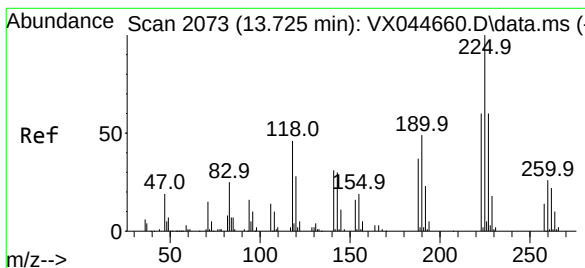
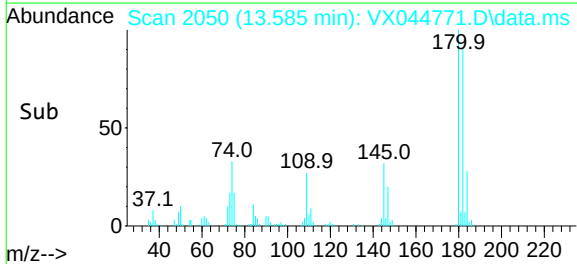
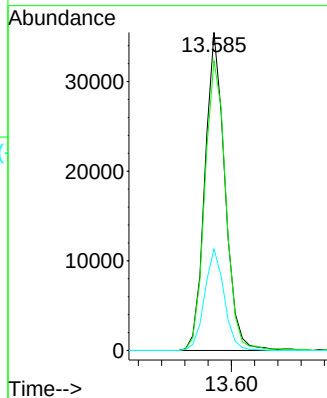
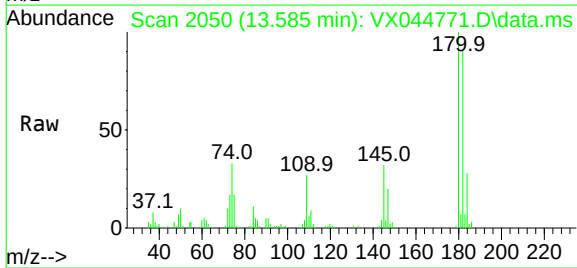
145 31.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#90

Hexachlorobutadiene

Concen: 20.115 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

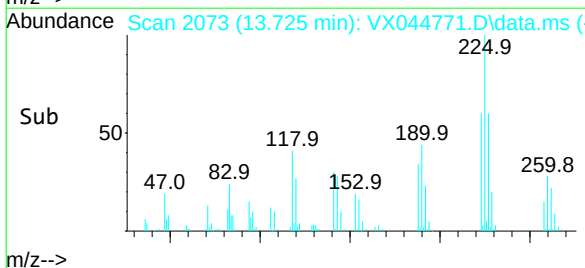
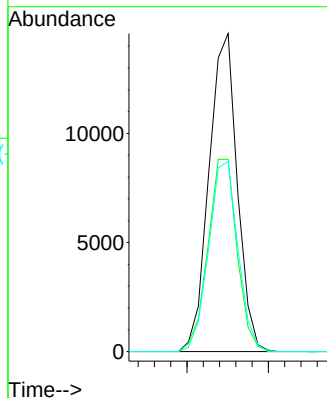
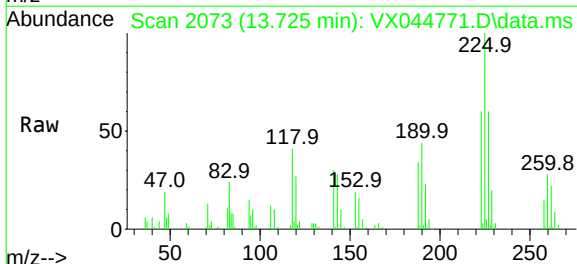
Tgt Ion:225 Resp: 17611

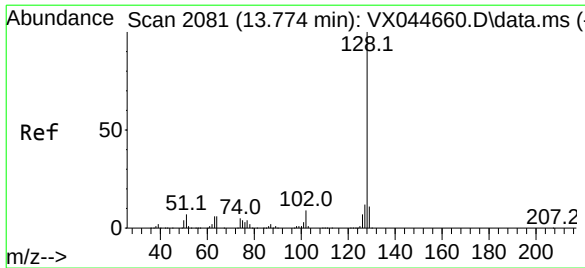
Ion Ratio Lower Upper

225 100

223 62.5 0.0 123.0

227 61.7 0.0 124.2





#91

Naphthalene

Concen: 19.107 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

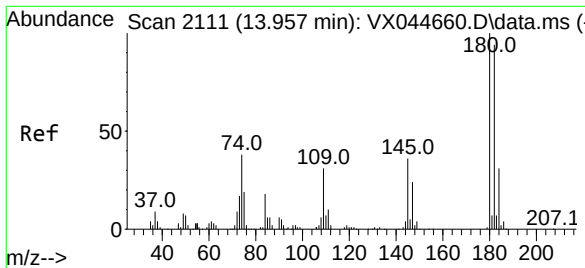
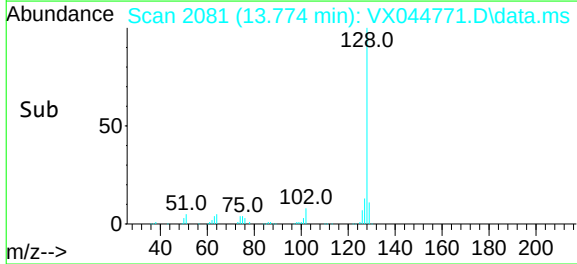
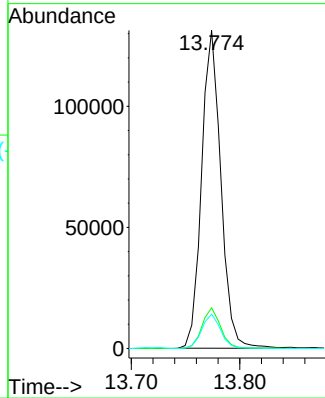
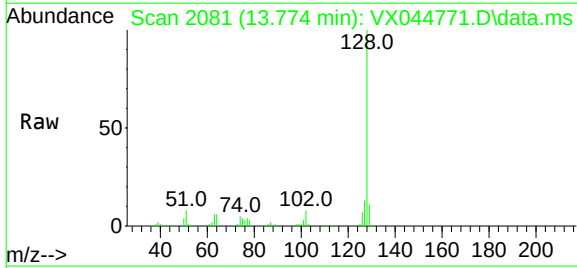
Tgt Ion:	128	Resp:	161802
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.6	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#92

1,2,3-Trichlorobenzene

Concen: 19.165 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044771.D

Acq: 30 Jan 2025 10:21

Tgt Ion:	180	Resp:	44121
Ion	Ratio	Lower	Upper
180	100		
182	92.4	0.0	187.8
145	34.4	0.0	69.8

