

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044770.D
 Acq On : 30 Jan 2025 09:55
 Operator : JC/MD
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Quant Time: Jan 30 12:08:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.885	128	25818	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	146320	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	136752	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	67999	27.282	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.933%#		
60) 4-Bromofluorobenzene	11.079	95	78155	29.424	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.067%		
63) Toluene-d8	8.641	98	221796	29.820	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42788	18.640	ug/l	99
3) Chloromethane	1.307	50	50898	21.079	ug/l	100
4) Vinyl Chloride	1.374	62	49323	20.877	ug/l	95
5) Bromomethane	1.593	94	12935	22.653	ug/l	90
6) Chloroethane	1.666	64	21953	58.603	ug/l	92
7) Trichlorofluoromethane	1.874	101	61058	23.598	ug/l	100
8) Diethyl Ether	2.130	74	18627	18.662	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	37645	20.309	ug/l	96
10) 1,1-Dichloroethene	2.313	96	35406	18.566	ug/l	93
11) Methyl Iodide	2.447	142	48100	18.201	ug/l	92
12) Methyl Acetate	2.697	43	55817	20.049	ug/l	92
13) Acrolein	2.233	56	37438	121.596	ug/l	100
14) Acrylonitrile	3.056	53	92738	91.412	ug/l	98
15) Acetone	2.380	58	26088	95.833	ug/l	84
16) Carbon Disulfide	2.502	76	91412	17.249	ug/l	100
17) Allyl chloride	2.654	41	65296	18.986	ug/l	95
18) Methylene Chloride	2.782	84	37987	17.800	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	34149	18.009	ug/l	94
20) Diisopropyl ether	3.757	45	120496	19.304	ug/l	98
21) 1,1-Dichloroethane	3.599	63	69887	18.874	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	48899	20.835	ug/l	100
23) tert-Butyl Alcohol	2.977	59	43878	89.422	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	123065	18.625	ug/l	94
25) Chloroform	5.080	83	74290	20.191	ug/l	99
26) Cyclohexane	5.458	56	69851	22.445	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	51501	20.236	ug/l	98
30) 2-Butanone	4.550	43	154784	110.714	ug/l	99
31) 2,2-Dichloropropane	4.459	77	65716	18.659	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	63139	18.720	ug/l	97
33) Carbon Tetrachloride	5.666	117	53246	18.715	ug/l	99
34) Benzene	6.025	78	167850	20.672	ug/l	99
35) Methacrylonitrile	4.916	41	34143	21.851	ug/l	96
36) 1,2-Dichloroethane	6.080	62	52562	18.105	ug/l	99
37) Trichloroethene	7.117	130	38469	19.623	ug/l	97
38) Methylcyclohexane	7.373	83	73517	21.260	ug/l	98
39) 1,2-Dichloropropane	7.421	63	41771	20.630	ug/l	97
40) Dibromomethane	7.574	93	29408	19.536	ug/l	97
41) Bromodichloromethane	7.818	83	59751	19.223	ug/l	98
42) Vinyl Acetate	3.715	43	513765	92.534	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	56770	20.700	ug/l	# 93
44) Isopropyl Acetate	6.330	43	99533	20.202	ug/l	99
45) 1,4-Dioxane	7.659	88	20119	428.839	ug/l	96
46) Methyl methacrylate	7.690	41	48131	19.958	ug/l	98
47) n-amyl Acetate	10.842	43	89525	21.652	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	62622	19.088	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	71139	20.222	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	41359	21.333	ug/l	97
51) Ethyl methacrylate	9.110	69	69275	20.569	ug/l	97
52) 1,3-Dichloropropane	9.305	76	71019	21.180	ug/l	98
53) Dibromochloromethane	9.519	129	45847	19.790	ug/l	98
54) 1,2-Dibromoethane	9.604	107	42560	20.766	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	190226	116.407	ug/l	99
56) Bromoform	10.799	173	30300	19.724	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	309380	107.329	ug/l	99
59) 2-Hexanone	9.427	43	226620	107.387	ug/l	99
61) Tetrachloroethene	9.269	164	33435	20.382	ug/l	95
62) Toluene	8.714	91	184763	20.519	ug/l	97
64) Chlorobenzene	10.073	112	115580	20.667	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	38028	18.930	ug/l	98
66) Ethyl Benzene	10.189	91	199600	20.311	ug/l	97
67) m/p-Xylenes	10.299	106	154088	42.657	ug/l	95
68) o-Xylene	10.640	106	76914	21.215	ug/l	95
69) Styrene	10.653	104	126099	21.185	ug/l	97
70) Isopropylbenzene	10.957	105	194267	21.315	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	64268	20.976	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	52333m	20.303	ug/l	
73) Bromobenzene	11.195	156	43859	20.657	ug/l	97
74) n-propylbenzene	11.299	91	227698	21.995	ug/l	99
75) 2-Chlorotoluene	11.360	91	136192	20.926	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	158914	21.470	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	22197	18.202	ug/l	95
78) 4-Chlorotoluene	11.451	91	149972	20.913	ug/l	95
79) tert-butylbenzene	11.713	119	162335	21.349	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	156912	21.012	ug/l	98
81) sec-Butylbenzene	11.890	105	202851	22.341	ug/l	99
82) p-Isopropyltoluene	12.006	119	164454	22.008	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	78935	20.931	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	79469	21.495	ug/l	99
85) n-Butylbenzene	12.329	91	145814	22.511	ug/l	99
86) Hexachloroethane	12.536	117	32730	19.910	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	80690	21.427	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12199	16.531	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	48084	20.546	ug/l	99
90) Hexachlorobutadiene	13.719	225	20062	22.162	ug/l	100
91) Naphthalene	13.774	128	177451	20.267	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	49129	20.640	ug/l	99

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

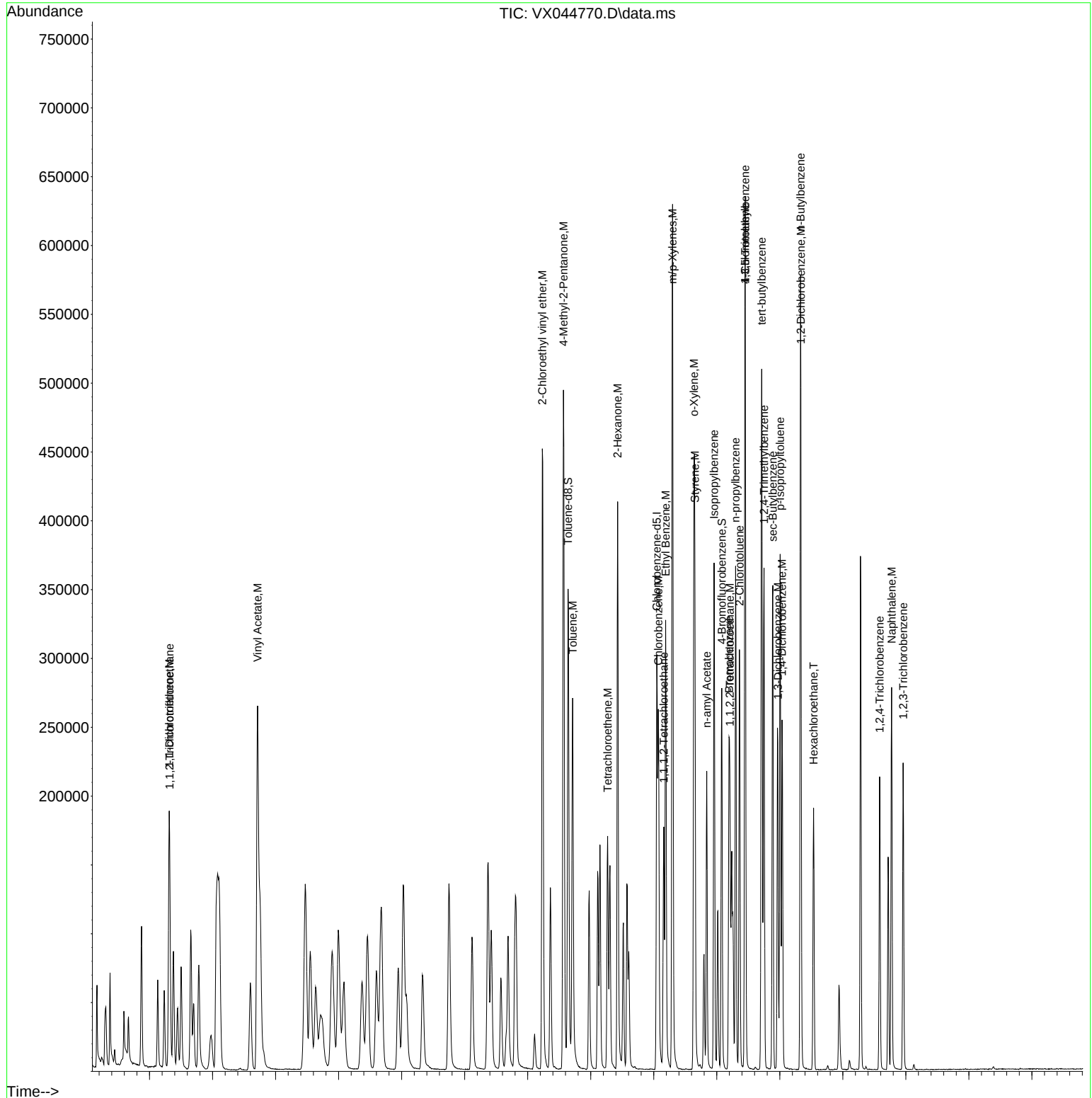
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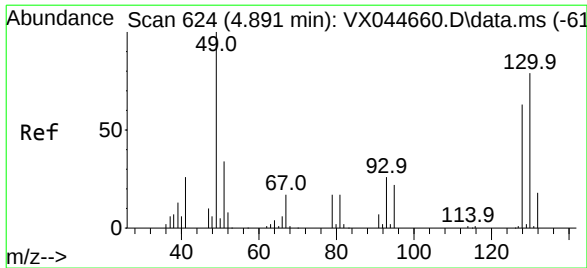
Instrument :
MSVOA_X
ClientSampleId :
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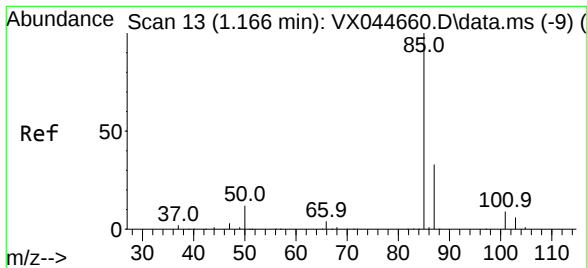
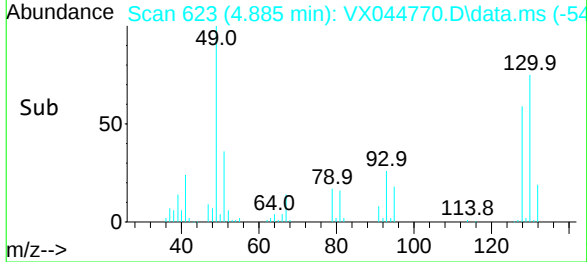
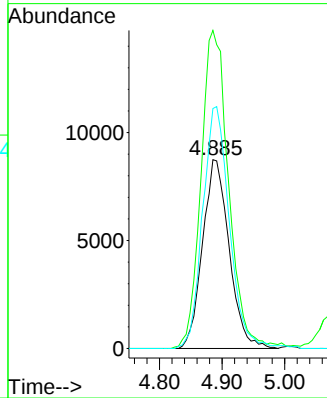
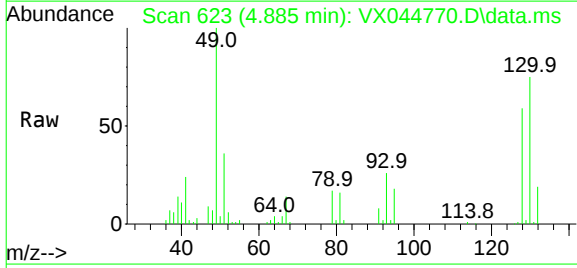
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion:128 Resp: 25818
Ion Ratio Lower Upper
128 100
49 173.5 0.0 411.5
130 127.3 0.0 324.3

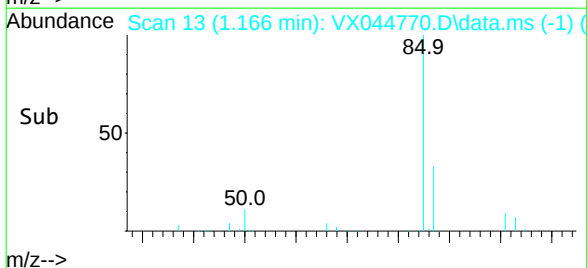
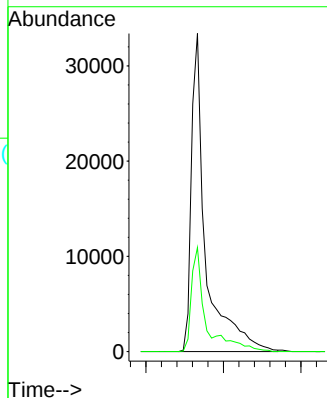
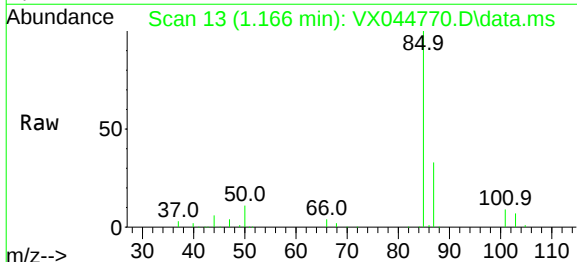
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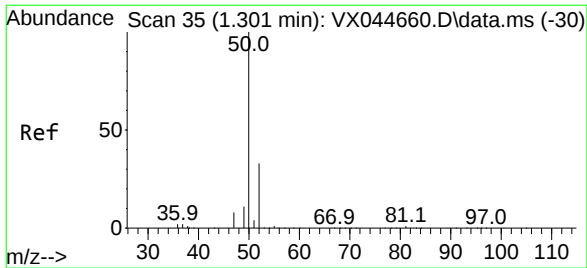
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 85 Resp: 42788
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8





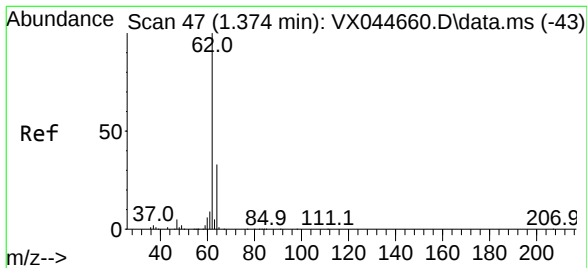
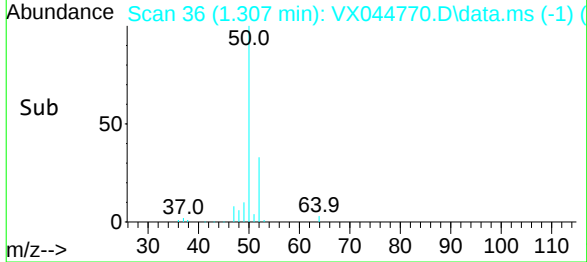
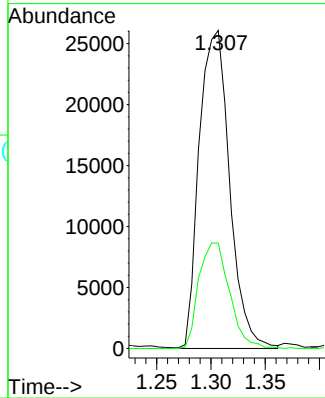
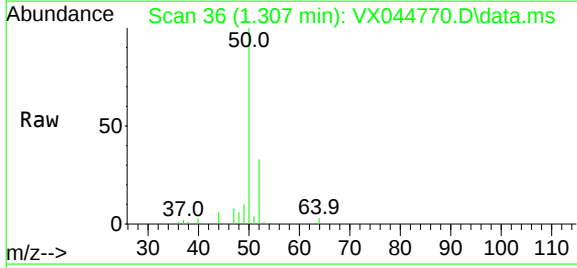
#3
Chloromethane
Concen: 21.079 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 50898
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

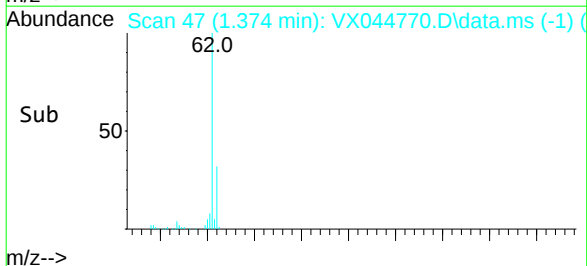
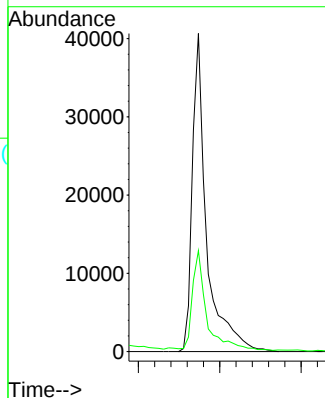
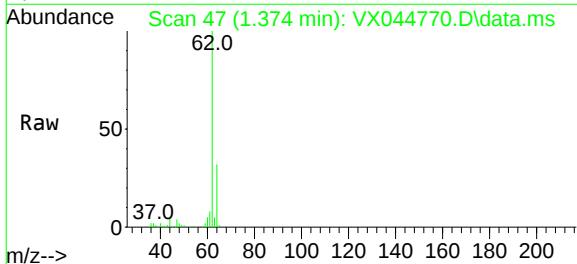
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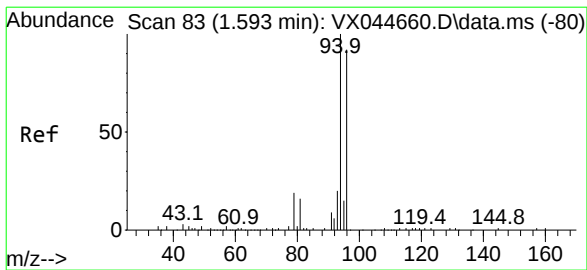
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#4
Vinyl Chloride
Concen: 20.877 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

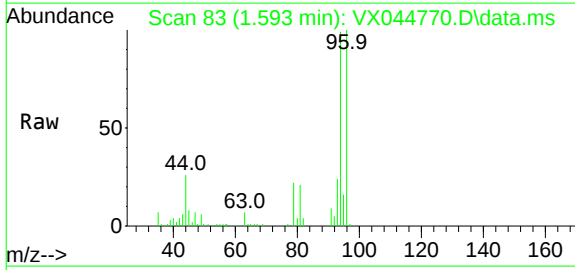
Tgt Ion: 62 Resp: 49323
Ion Ratio Lower Upper
62 100
64 31.2 27.3 40.9





#5
Bromomethane
Concen: 22.653 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

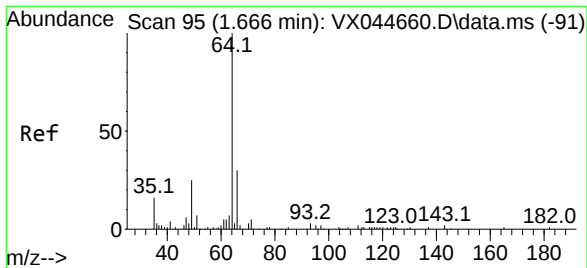
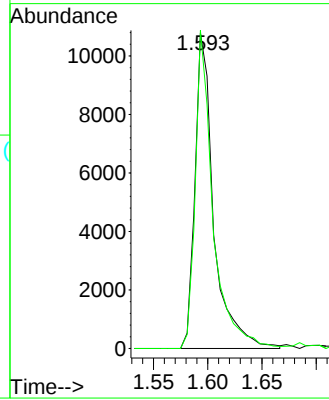
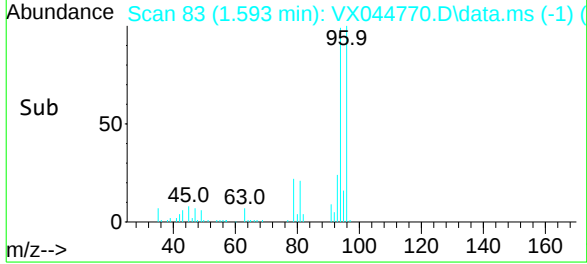
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 12935
Ion Ratio Lower Upper
94 100
96 100.8 73.3 109.9

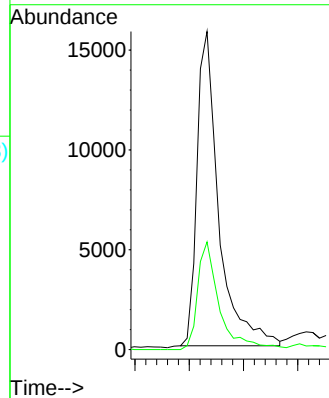
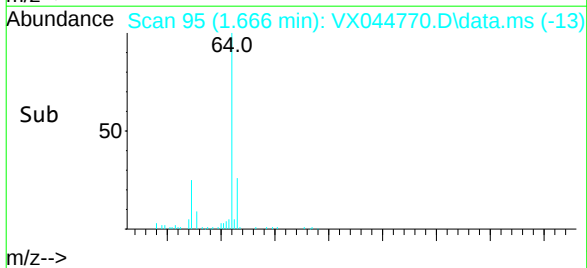
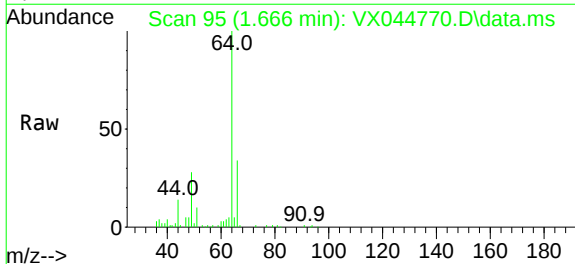
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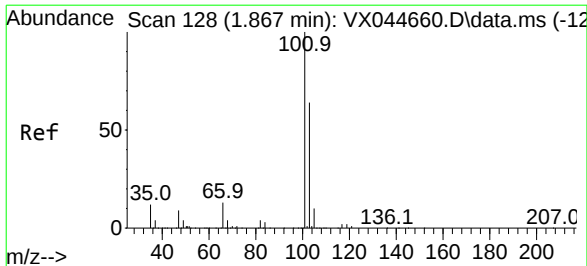
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#6
Chloroethane
Concen: 58.603 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044770.D
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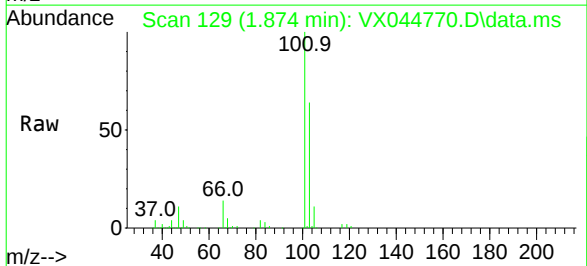
Tgt Ion: 64 Resp: 21953
Ion Ratio Lower Upper
64 100
66 34.3 23.8 35.6





Trichlorofluoromethane
 Concen: 23.598 ug/l
 RT: 1.874 min Scan# 128
 Delta R.T. 0.006 min
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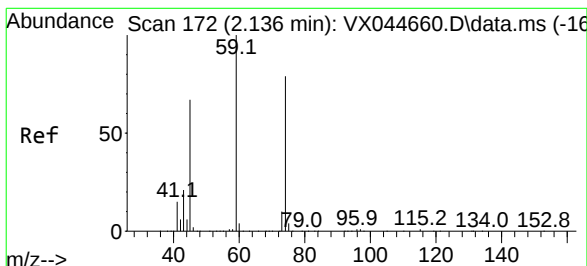
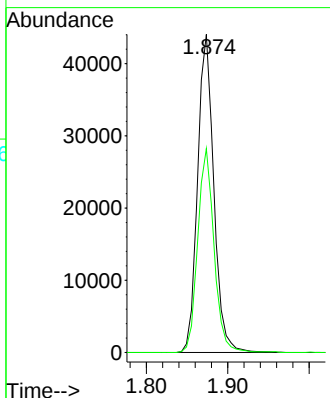
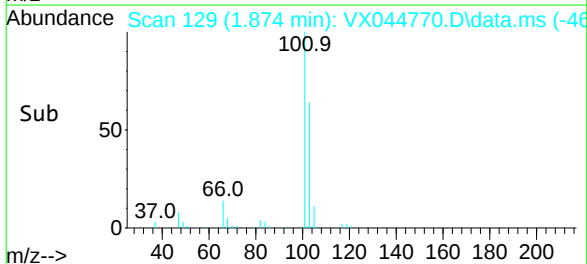
Instrument :
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 ClientSampleId :
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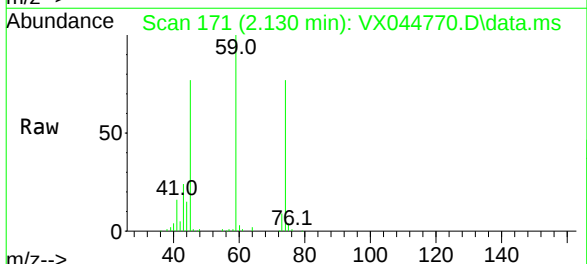
Tgt Ion: 101 Resp: 61058
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.1 76.7

Manual Integrations
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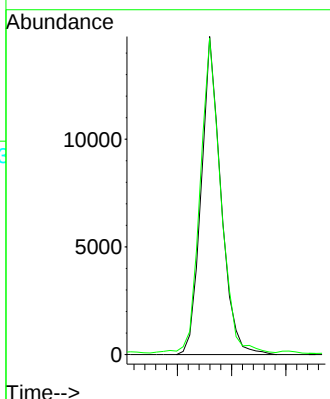
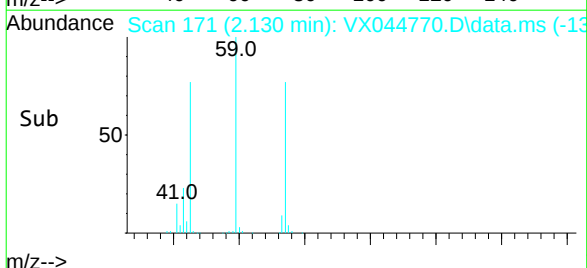
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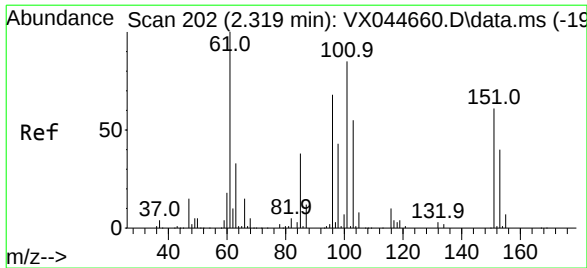


Diethyl Ether
 Concen: 18.662 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 18627
 Ion Ratio Lower Upper
 74 100
 45 104.7 18.8 168.8





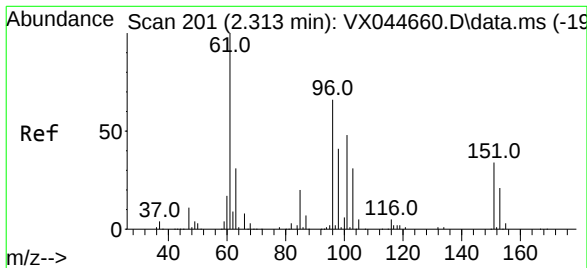
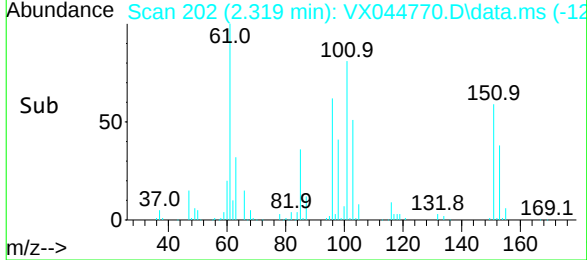
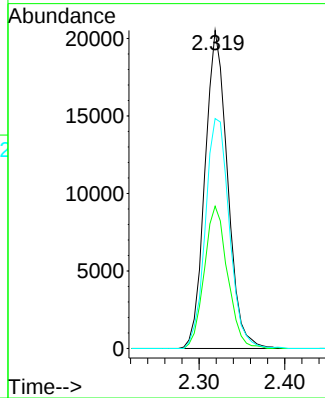
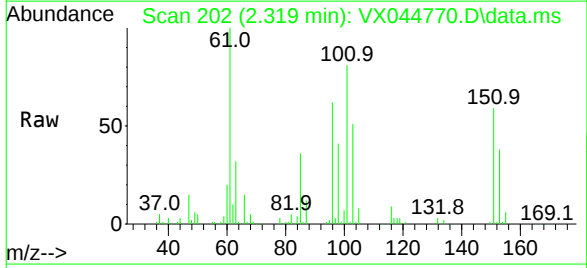
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1,1,2-Trichlorotrifluoroethane
Concen: 20.309 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044770.D
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MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion:	101	Resp:	37645
Ion	Ratio	Lower	Upper
101	100		
85	45.9	0.0	88.0
151	76.8	0.0	147.0

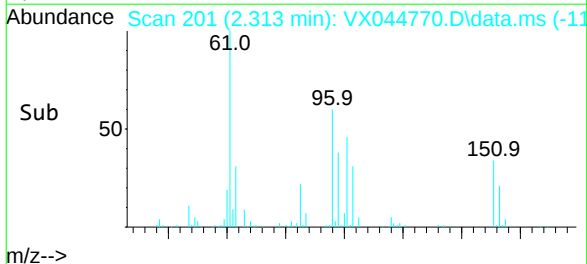
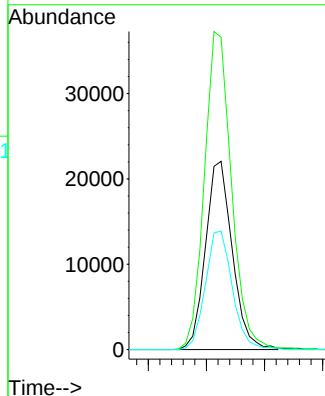
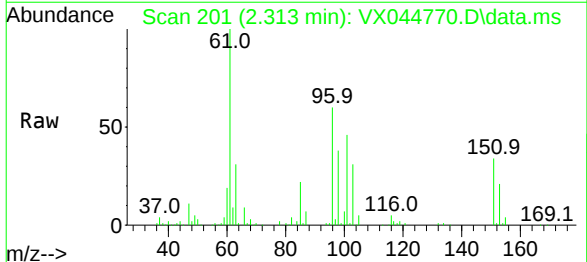
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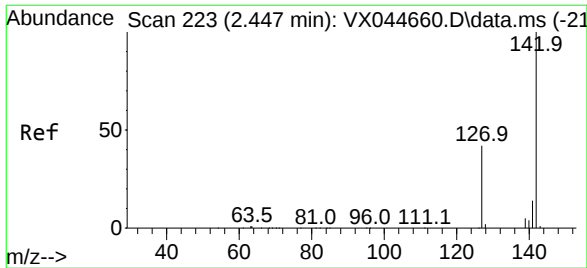
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
1,1-Dichloroethene
Concen: 18.566 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

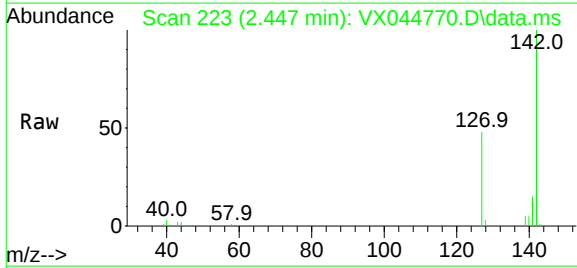
Tgt Ion:	96	Resp:	35406
Ion	Ratio	Lower	Upper
96	100		
61	165.5	121.6	182.4
98	63.0	50.3	75.5





#11
Methyl Iodide
Concen: 18.201 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

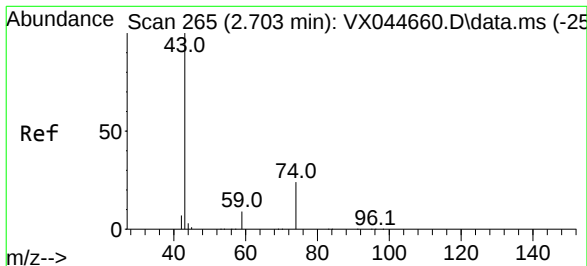
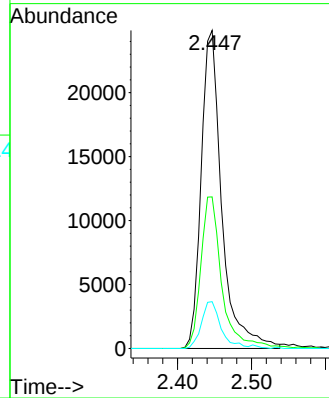
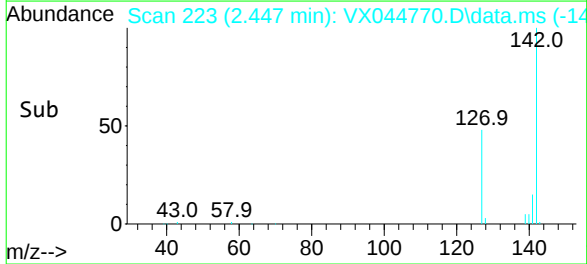
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion:142 Resp: 48100
Ion Ratio Lower Upper
142 100
127 47.6 20.8 62.4
141 14.7 7.0 20.9

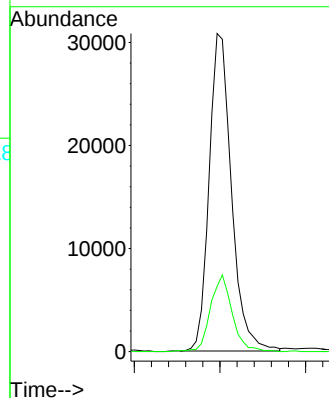
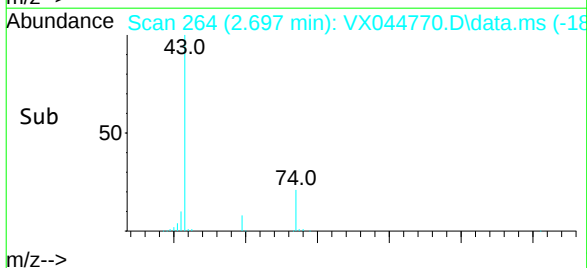
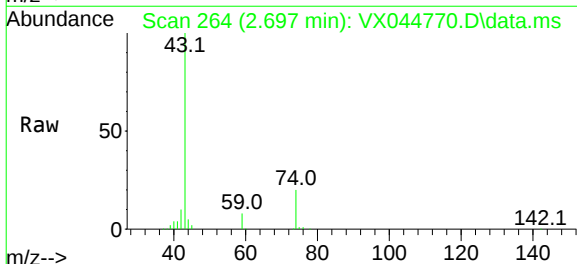
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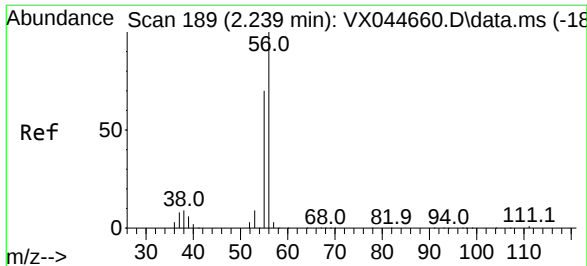
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#12
Methyl Acetate
Concen: 20.049 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 43 Resp: 55817
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#13

Acrolein

Concen: 121.596 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 56 Resp: 37438

Ion Ratio Lower Upper

56 100

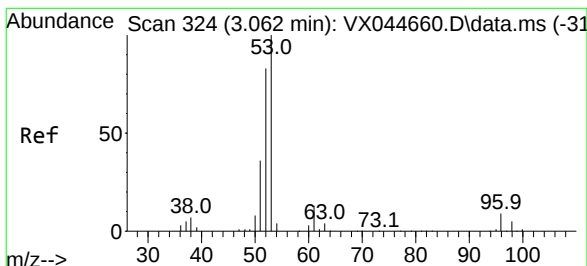
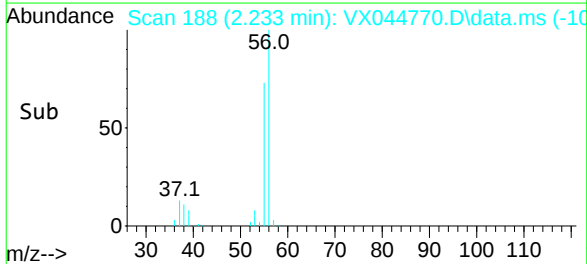
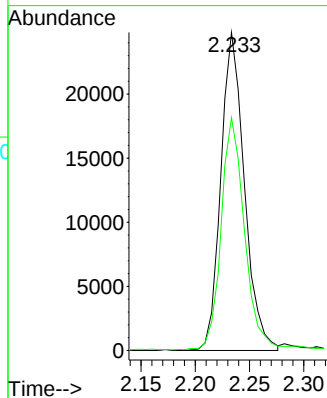
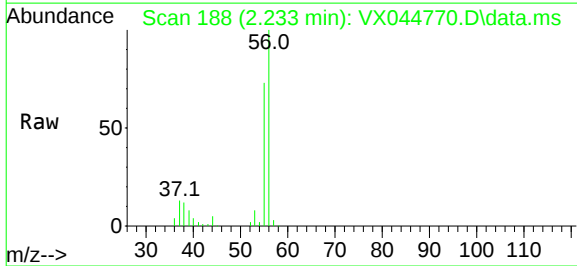
55 71.8 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Acrylonitrile

Concen: 91.412 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.006 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

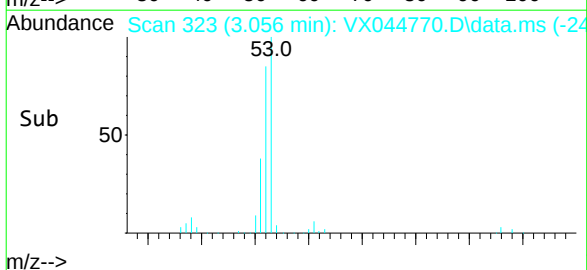
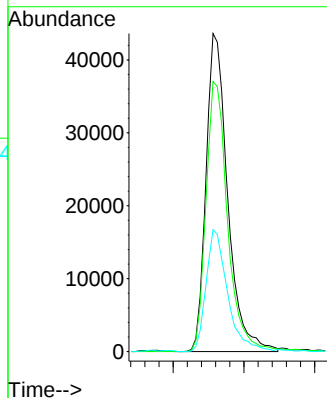
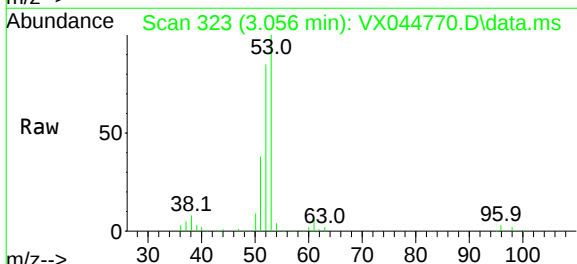
Tgt Ion: 53 Resp: 92738

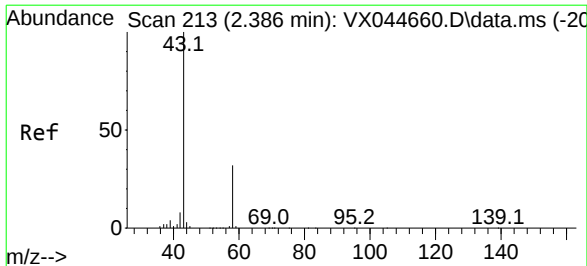
Ion Ratio Lower Upper

53 100

52 84.7 41.4 124.2

51 38.1 18.1 54.4





#15

Acetone

Concen: 95.833 ug/l

RT: 2.380 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 58 Resp: 26088

Ion Ratio Lower Upper

58 100

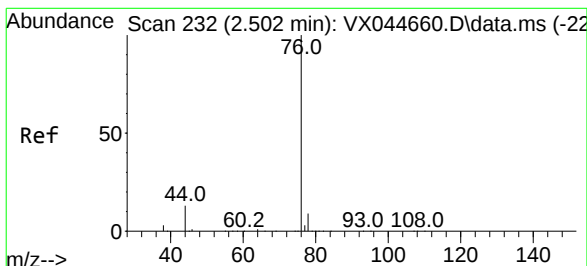
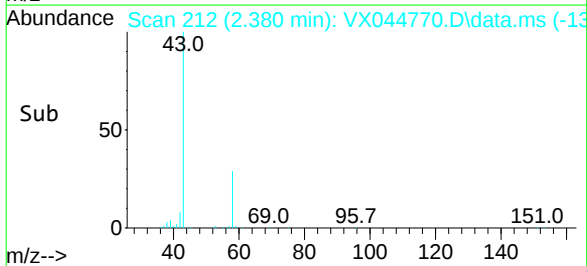
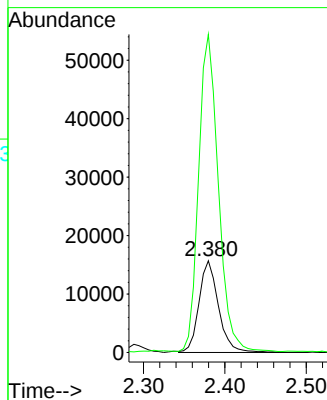
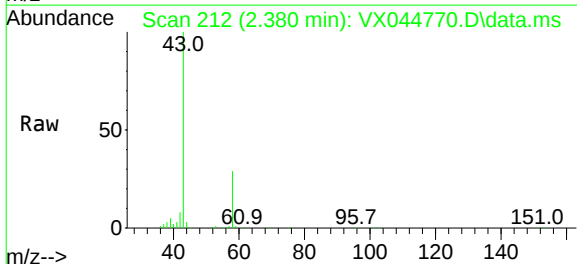
43 345.8 251.0 376.4

Manual Integrations

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Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Carbon Disulfide

Concen: 17.249 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044770.D

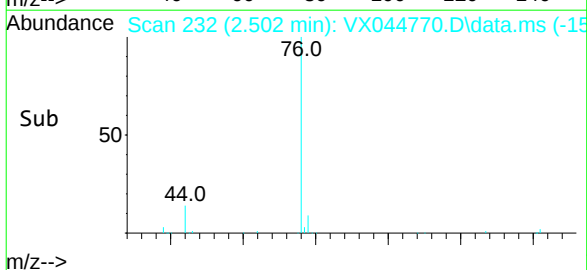
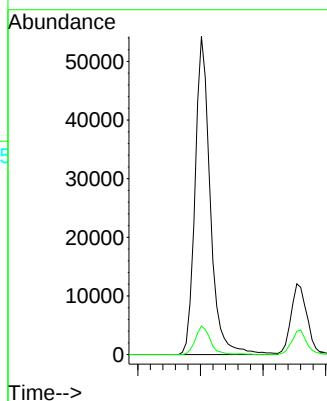
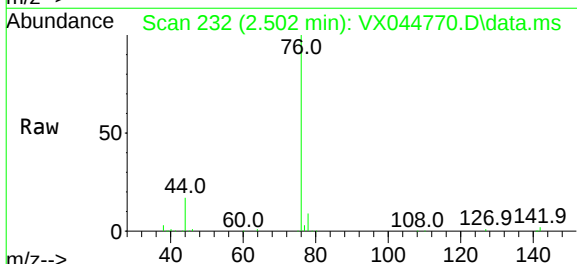
Acq: 30 Jan 2025 09:55

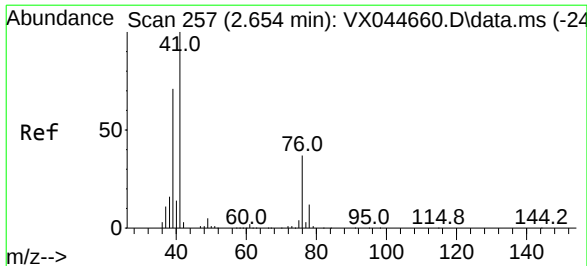
Tgt Ion: 76 Resp: 91412

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





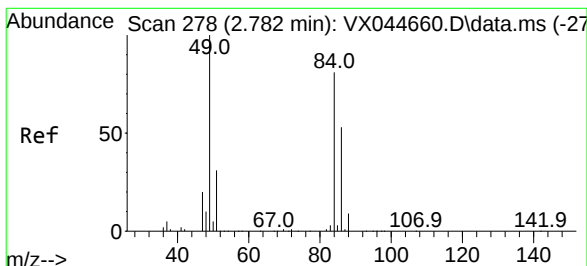
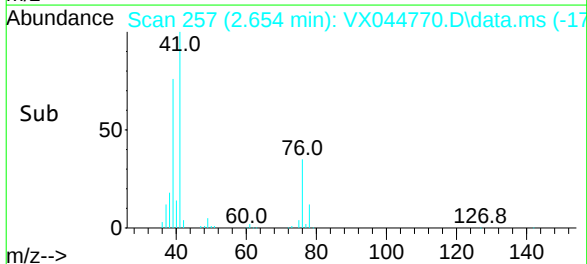
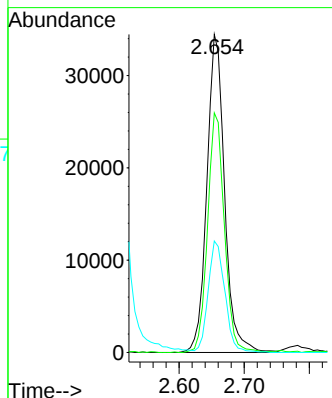
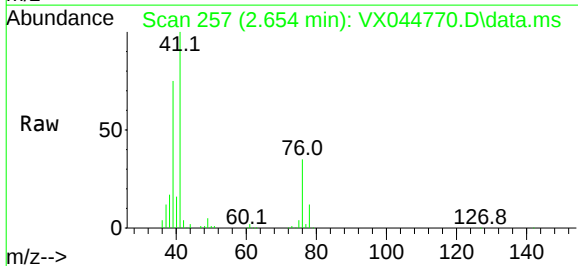
#17
 Allyl chloride
 Concen: 18.986 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044770.D
 Acq: 30 Jan 2025 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Tgt Ion:	41	Resp:	65296
Ion	Ratio	Lower	Upper
41	100		
39	75.3	35.6	106.8
76	35.0	18.9	56.5

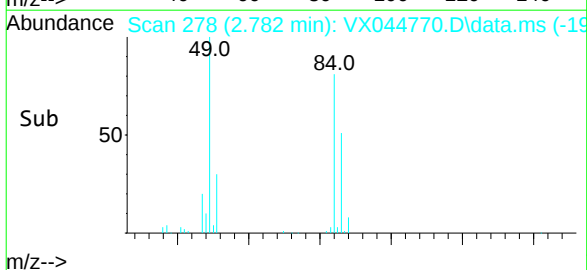
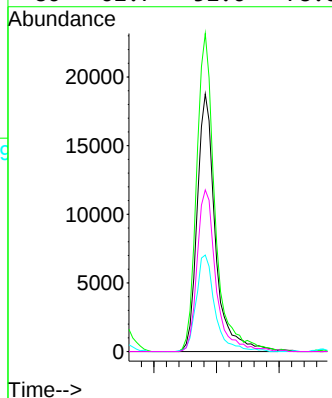
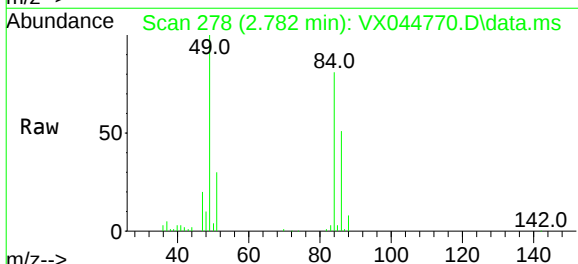
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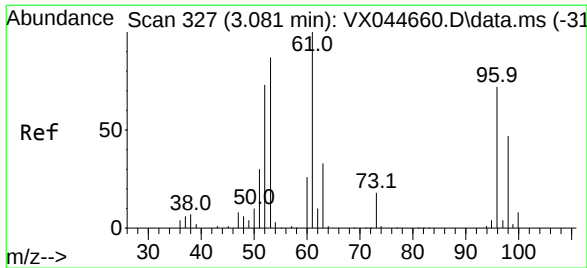
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#18
 Methylene Chloride
 Concen: 17.800 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044770.D
 Acq: 30 Jan 2025 09:55

Tgt Ion:	84	Resp:	37987
Ion	Ratio	Lower	Upper
84	100		
49	123.4	98.3	147.5
51	37.5	30.6	46.0
86	62.7	52.6	78.8





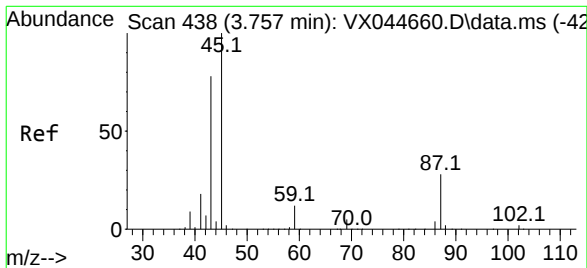
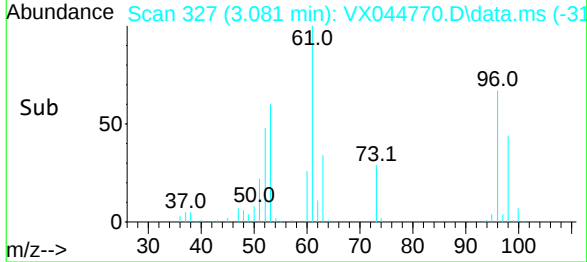
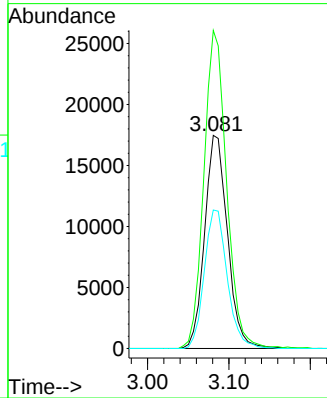
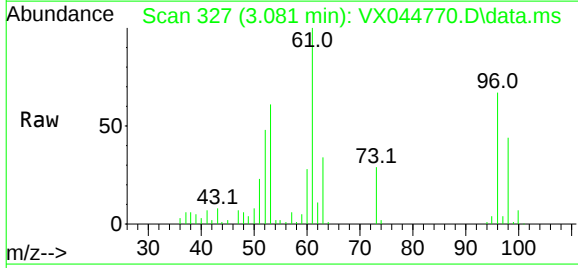
#19
trans-1,2-Dichloroethene
Concen: 18.009 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 96 Resp: 34149
Ion Ratio Lower Upper
96 100
61 149.2 111.5 167.3
98 65.0 52.6 79.0

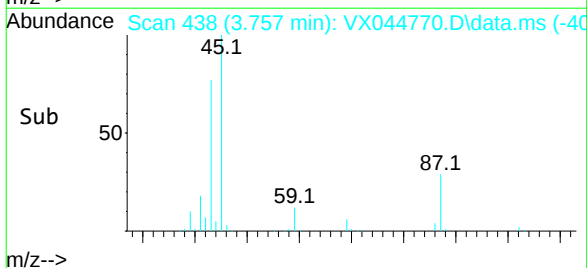
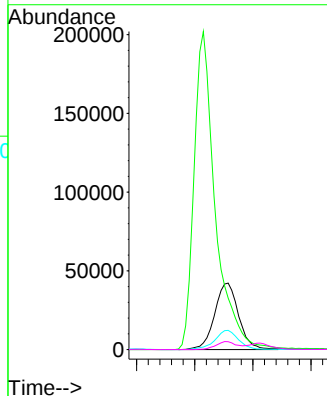
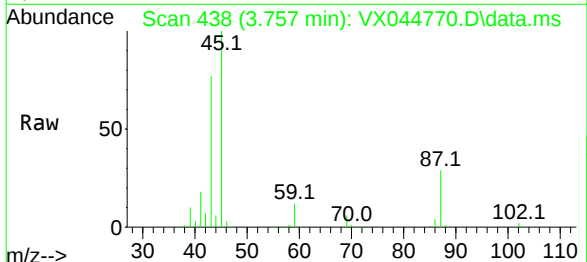
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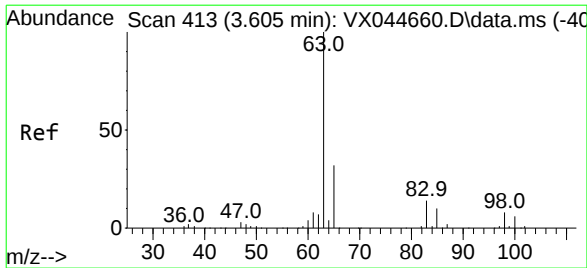
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#20
Diisopropyl ether
Concen: 19.304 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

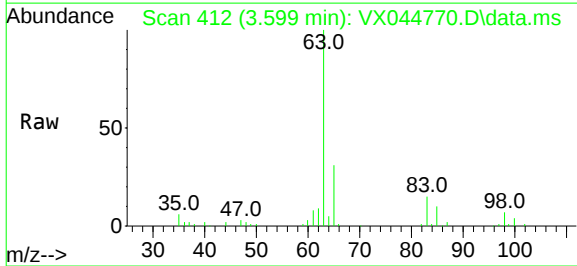
Tgt Ion: 45 Resp: 120496
Ion Ratio Lower Upper
45 100
43 76.5 62.6 94.0
87 28.9 22.7 34.1
59 11.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 18.874 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

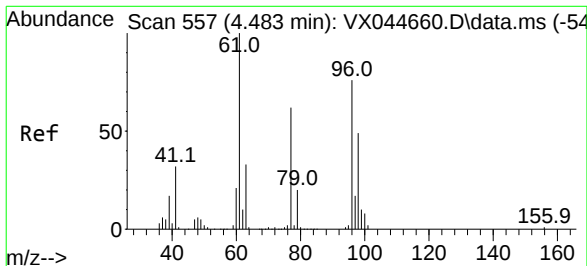
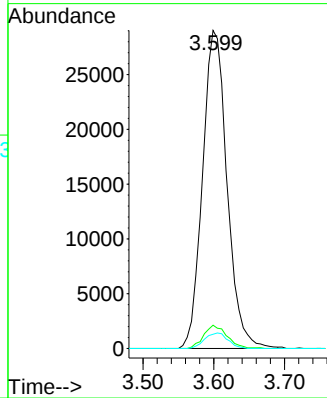
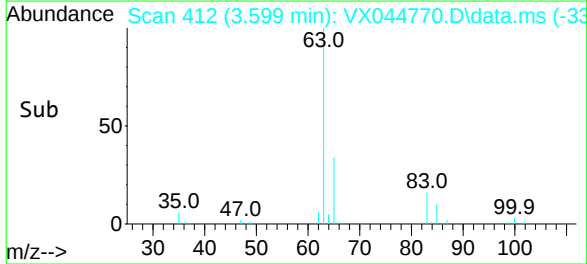
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 63 Resp: 69887
Ion Ratio Lower Upper
63 100
98 7.3 4.0 11.9
100 4.5 2.8 8.3

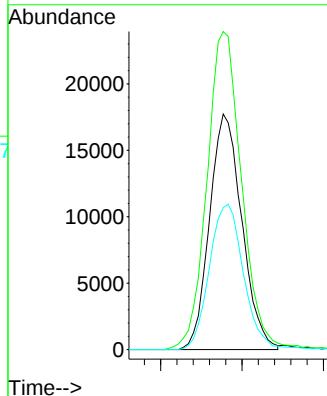
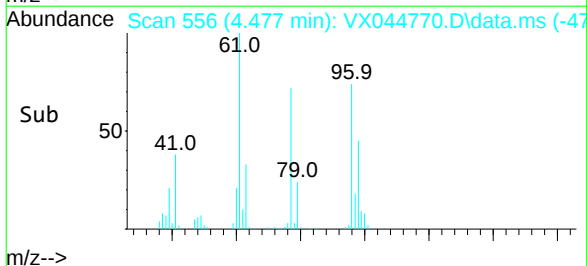
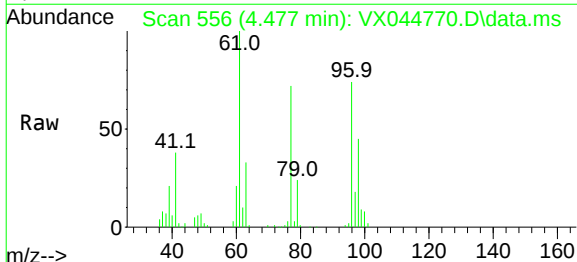
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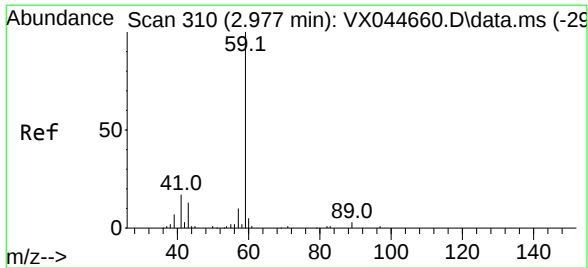
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#22
cis-1,2-Dichloroethene
Concen: 20.835 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 96 Resp: 48899
Ion Ratio Lower Upper
96 100
61 144.1 115.2 172.8
98 65.3 51.8 77.6





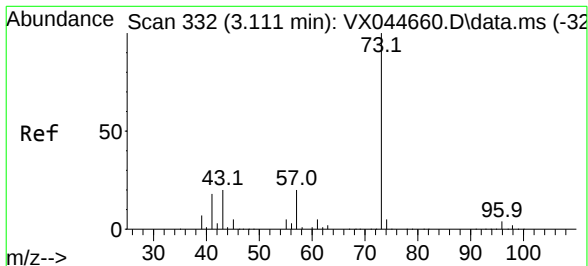
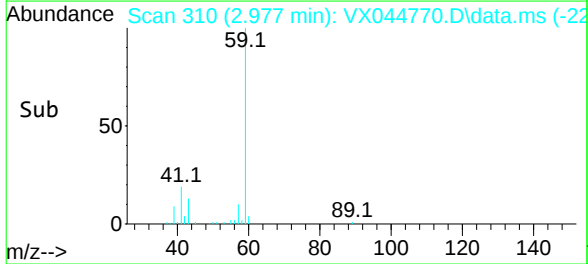
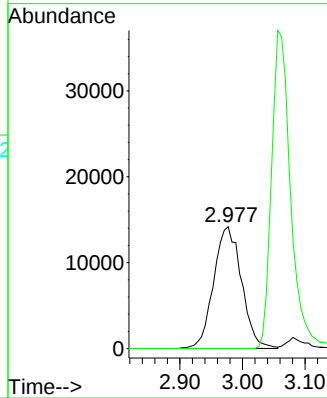
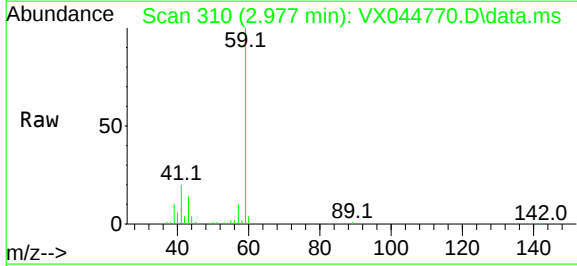
#23
tert-Butyl Alcohol
Concen: 89.422 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 59 Resp: 43878
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

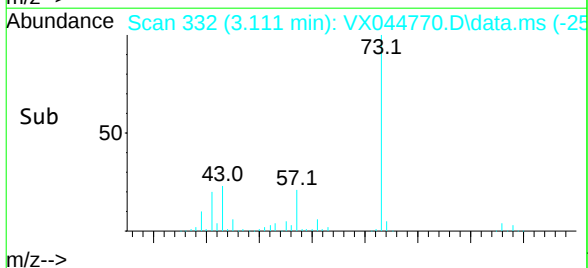
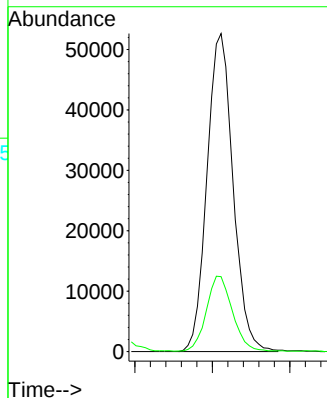
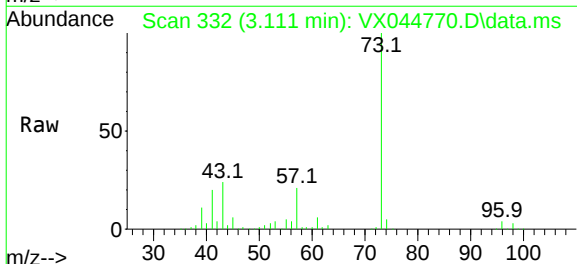
Manual Integrations
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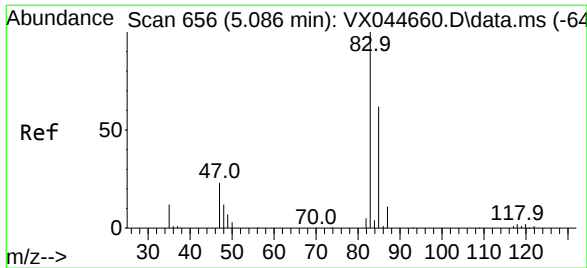
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#24
Methyl tert-Butyl Ether
Concen: 18.625 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 73 Resp: 123065
Ion Ratio Lower Upper
73 100
43 23.9 16.9 25.3





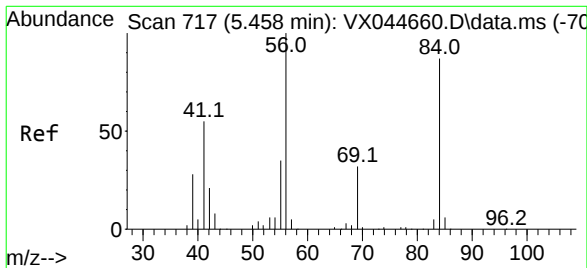
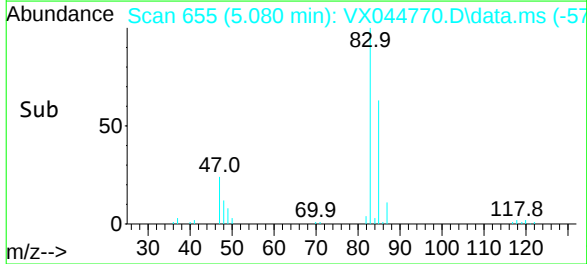
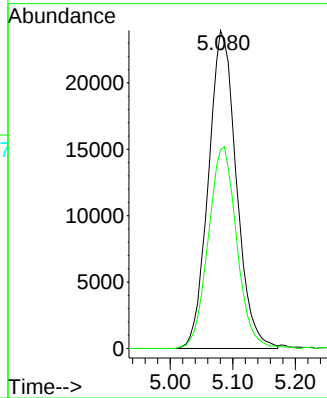
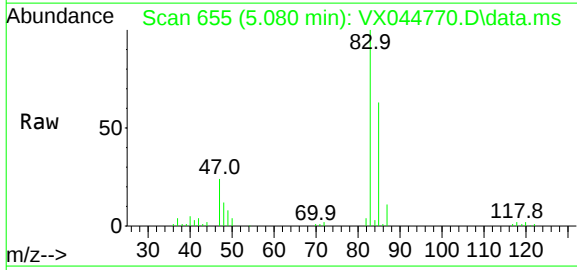
#25
Chloroform
Concen: 20.191 ug/l
RT: 5.080 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 83 Resp: 74290
Ion Ratio Lower Upper
83 100
85 62.2 49.4 74.2

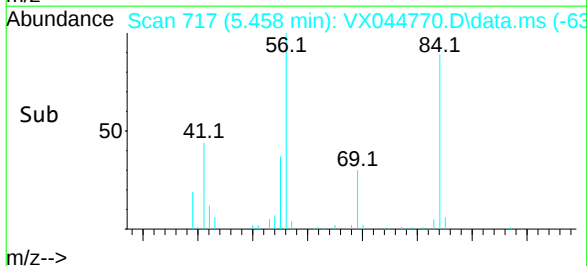
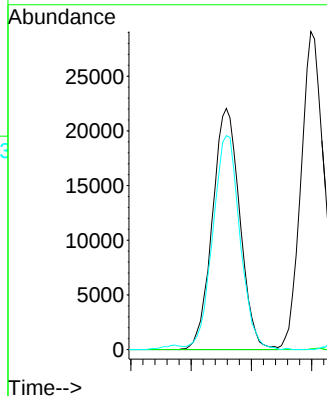
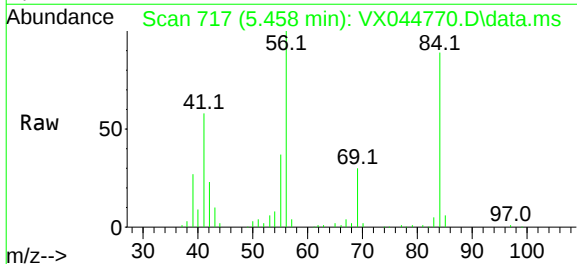
Manual Integrations
APPROVED

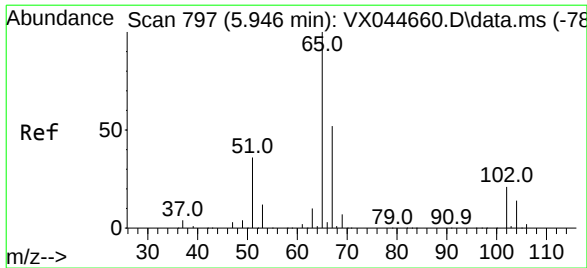
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#26
Cyclohexane
Concen: 22.445 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 56 Resp: 69851
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.9 72.2 108.4





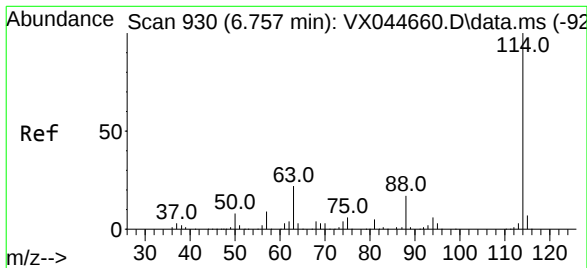
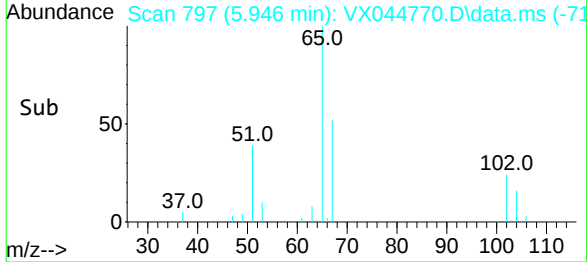
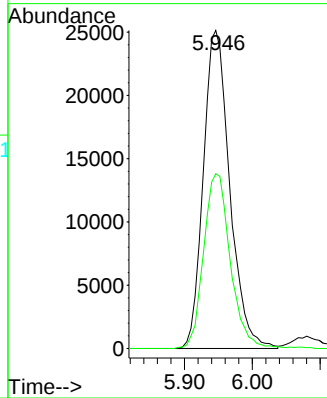
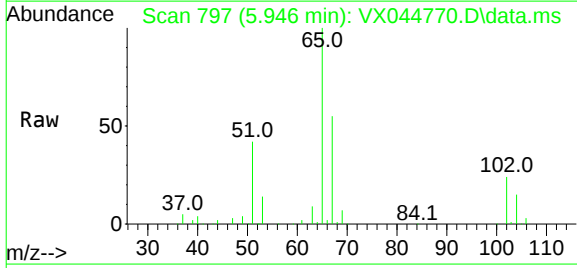
#27
1,2-Dichloroethane-d4
Concen: 27.282 ug/l
RT: 5.946 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 65 Resp: 67999
Ion Ratio Lower Upper
65 100
67 55.3 41.4 62.2

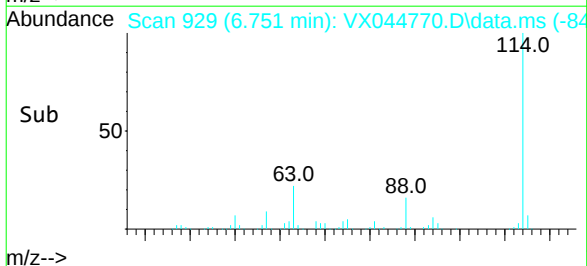
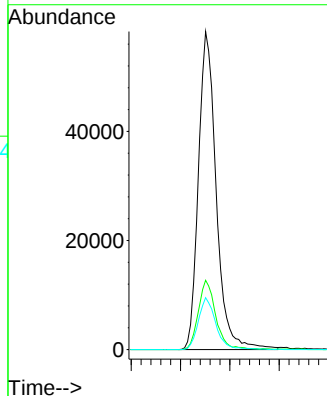
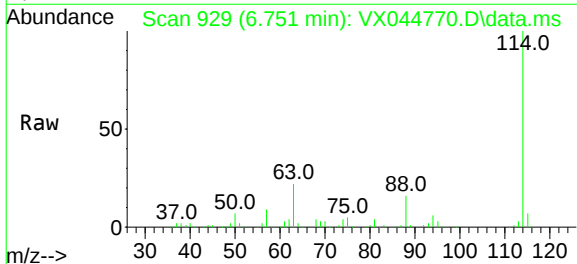
Manual Integrations
APPROVED

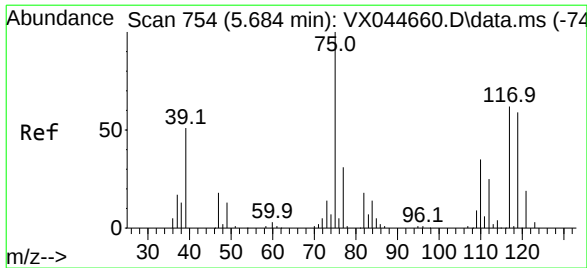
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

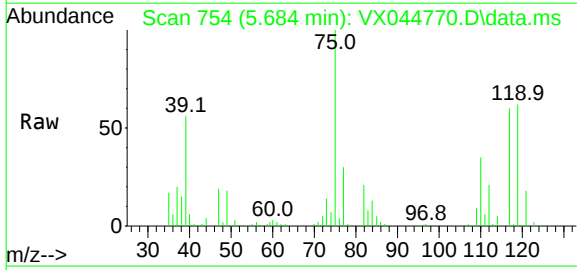
Tgt Ion:114 Resp: 146320
Ion Ratio Lower Upper
114 100
63 21.1 16.6 24.8
88 15.8 13.4 20.2





#29
1,1-Dichloropropene
Concen: 20.236 ug/l
RT: 5.684 min Scan# 75
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

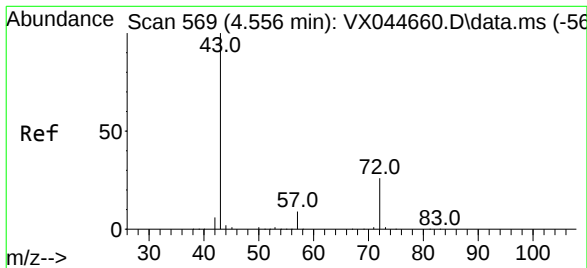
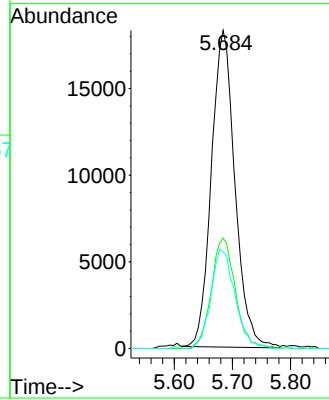
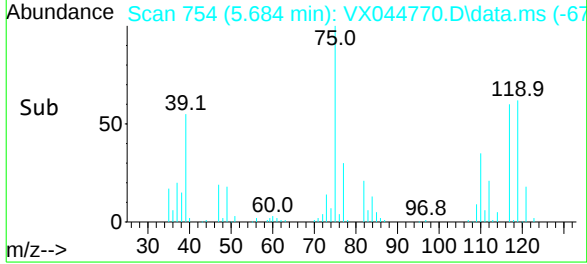
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 75 Resp: 51501
Ion Ratio Lower Upper
75 100
110 35.3 0.0 69.4
77 32.0 0.0 59.8

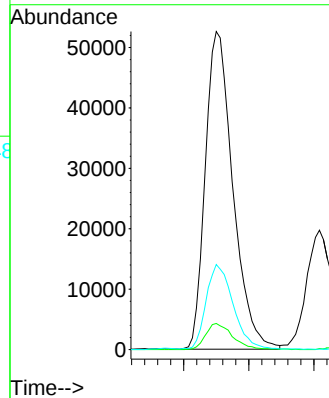
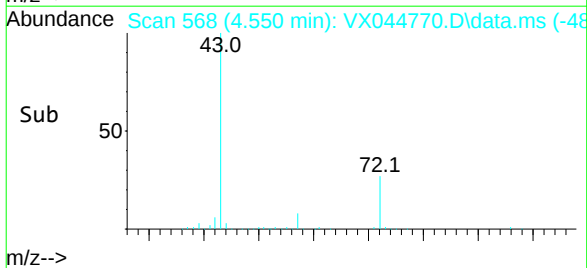
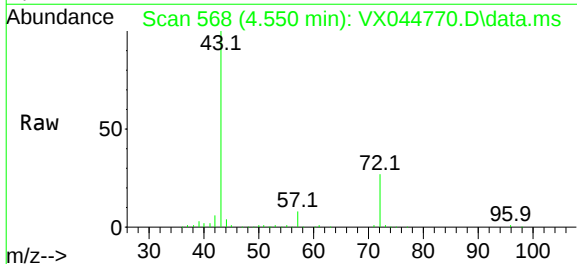
Manual Integrations
APPROVED

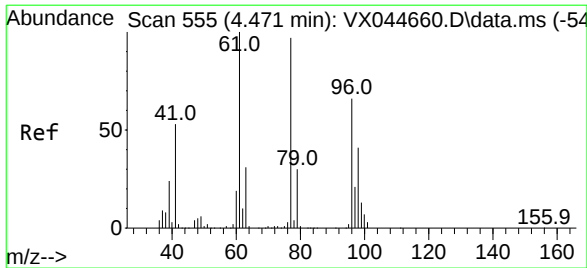
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
2-Butanone
Concen: 110.714 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 43 Resp: 154784
Ion Ratio Lower Upper
43 100
57 8.1 6.4 9.6
72 25.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 18.659 ug/l

RT: 4.459 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 77 Resp: 65716

Ion Ratio Lower Upper

77 100

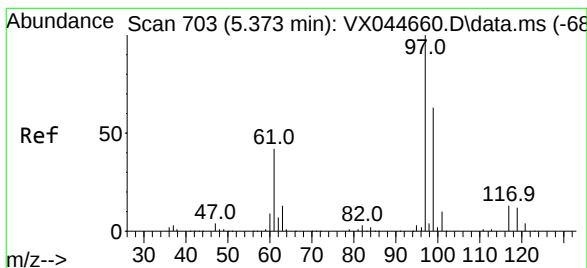
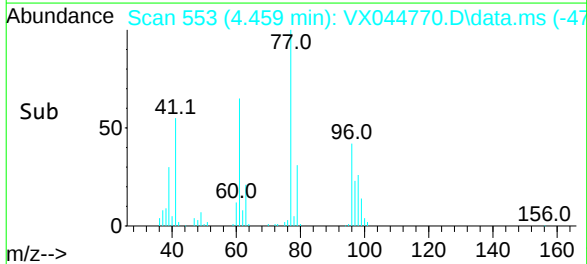
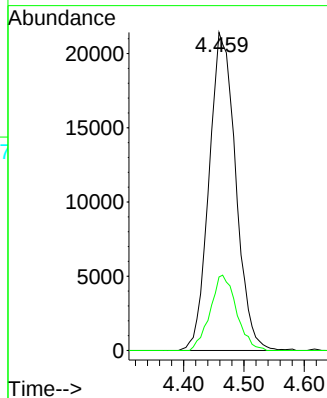
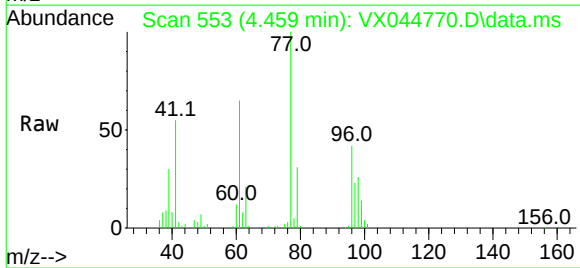
97 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#32

1,1,1-Trichloroethane

Concen: 18.720 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

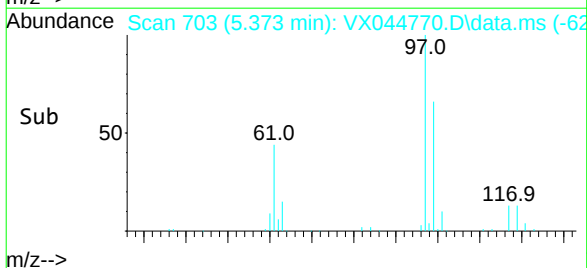
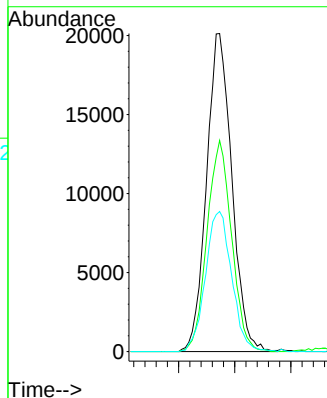
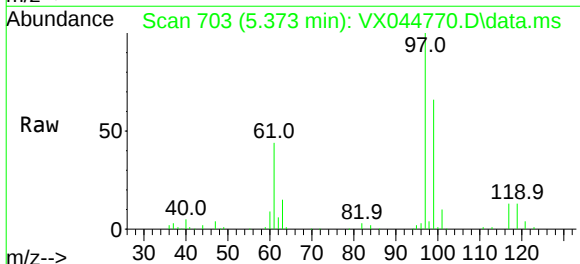
Tgt Ion: 97 Resp: 63139

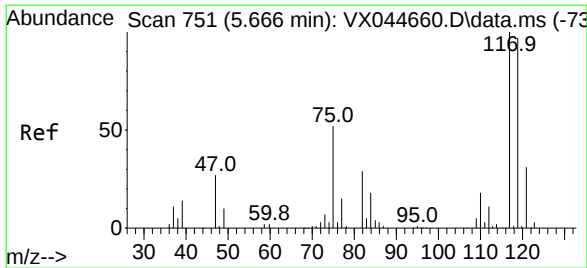
Ion Ratio Lower Upper

97 100

99 64.4 50.5 75.7

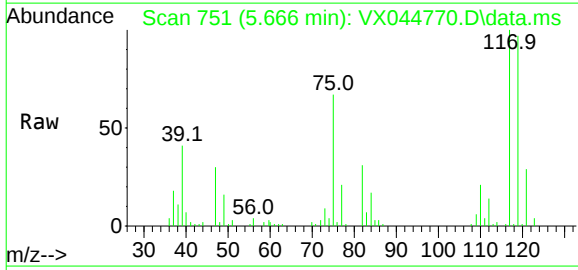
61 45.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.715 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

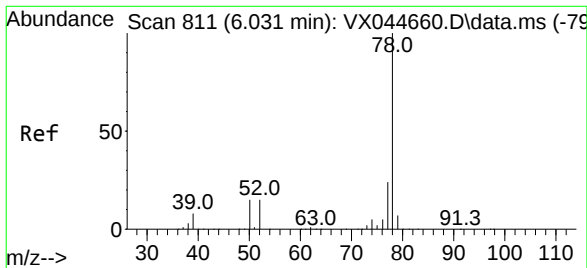
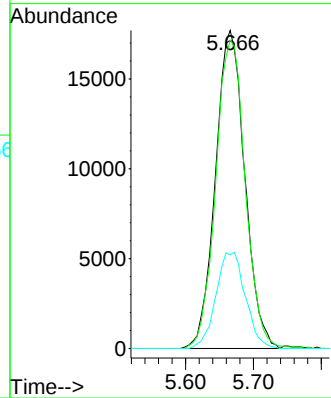
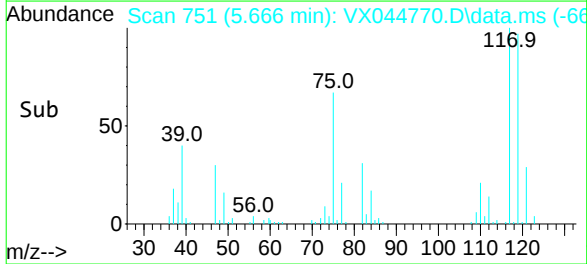
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



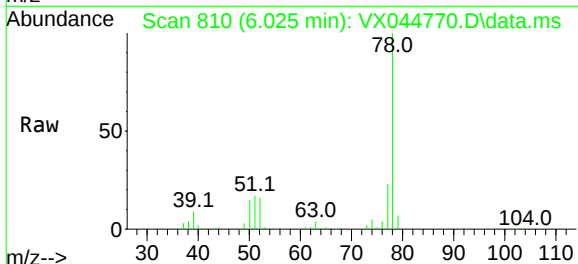
Tgt Ion:117 Resp: 53246
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 29.5 24.6 37.0

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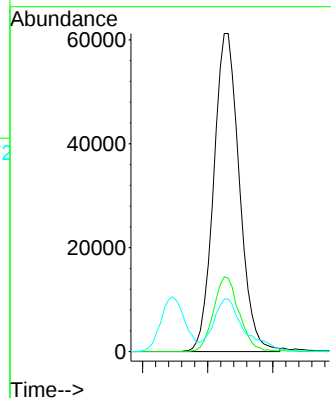
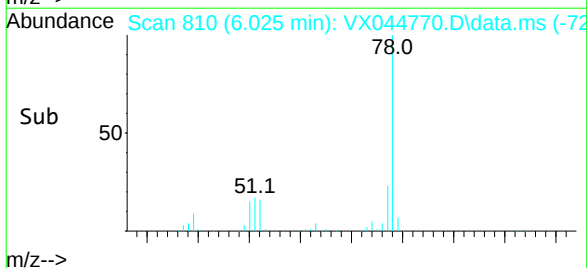
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

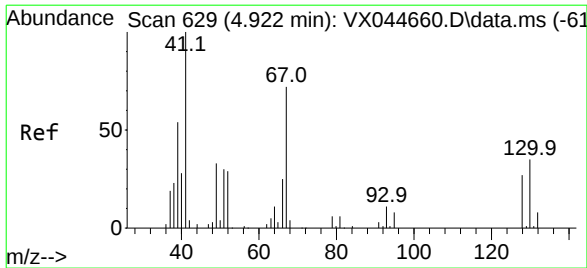


#34
Benzene
Concen: 20.672 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



Tgt Ion: 78 Resp: 167850
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 15.7 12.7 19.1





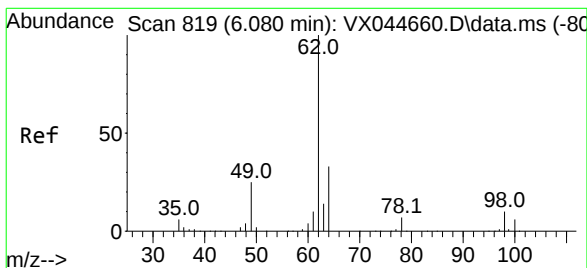
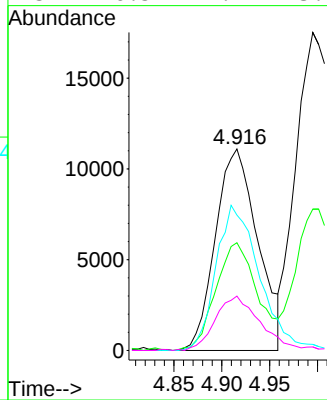
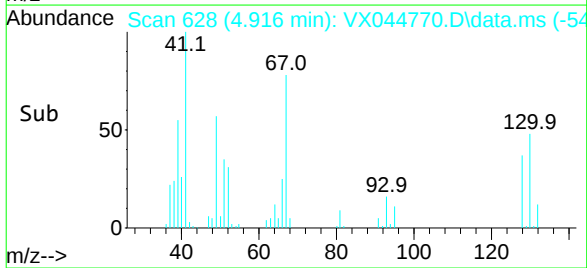
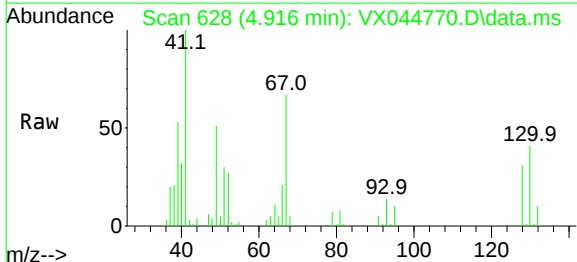
#35
Methacrylonitrile
Concen: 21.851 ug/l
RT: 4.916 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 41 Resp: 34143
Ion Ratio Lower Upper
41 100
39 53.0 27.1 81.3
67 67.2 35.8 107.4
52 26.5 14.4 43.2

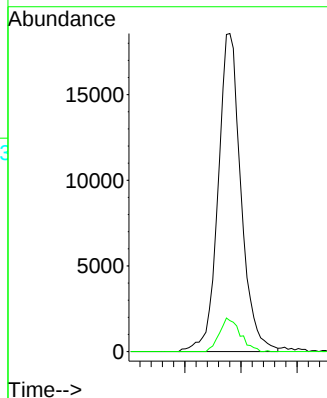
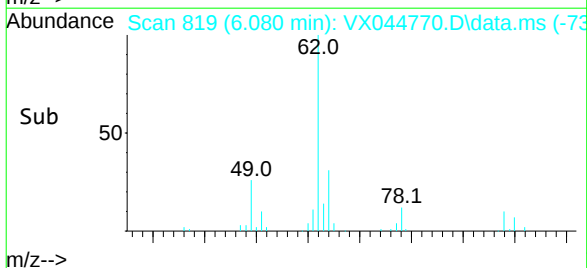
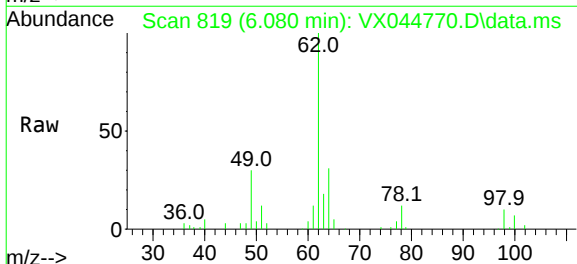
Manual Integrations
APPROVED

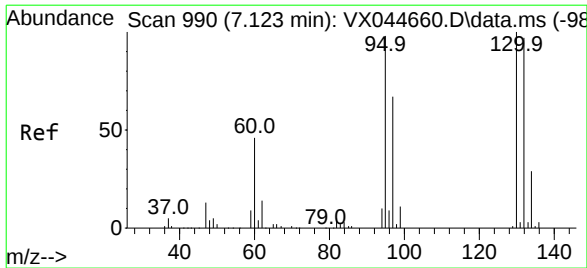
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#36
1,2-Dichloroethane
Concen: 18.105 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

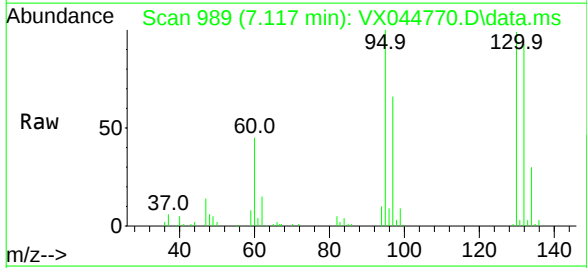
Tgt Ion: 62 Resp: 52562
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#37
Trichloroethene
Concen: 19.623 ug/l
RT: 7.117 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

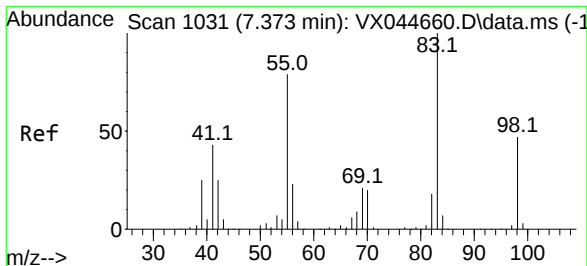
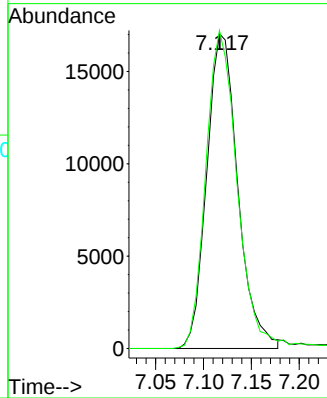
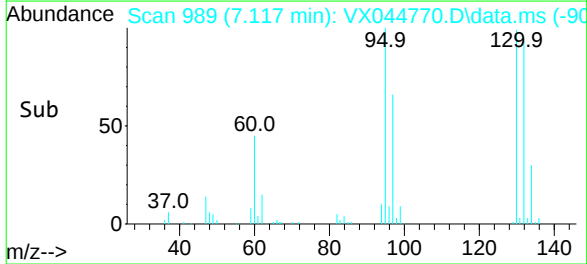
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



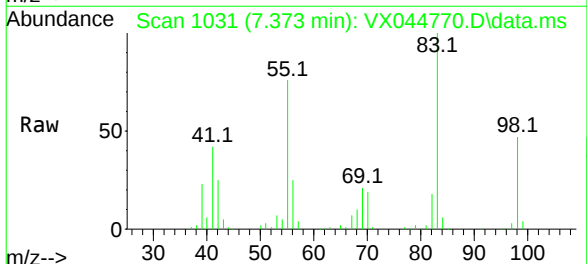
Tgt Ion:130 Resp: 38469
Ion Ratio Lower Upper
130 100
95 100.7 78.2 117.4

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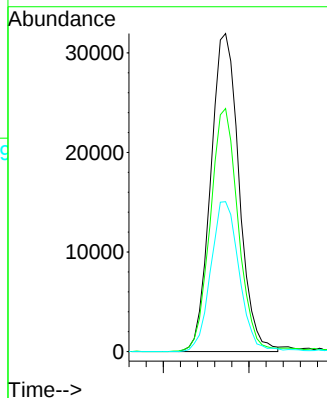
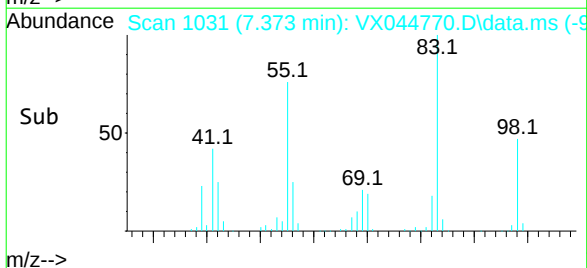
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

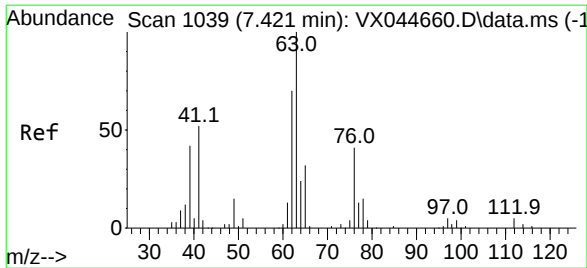


#38
Methylcyclohexane
Concen: 21.260 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



Tgt Ion: 83 Resp: 73517
Ion Ratio Lower Upper
83 100
55 75.1 38.4 115.2
98 46.8 24.4 73.4





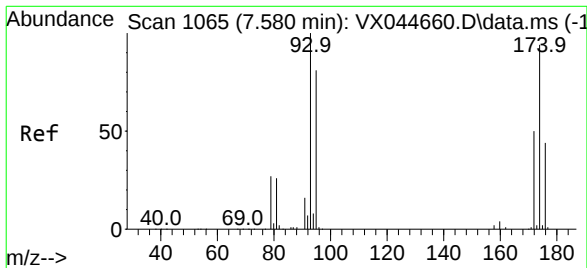
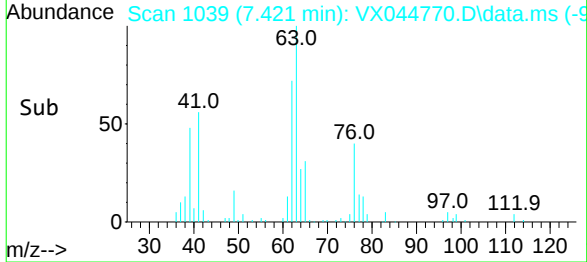
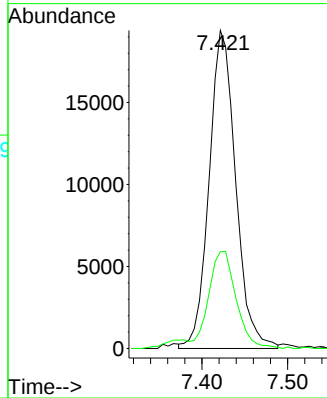
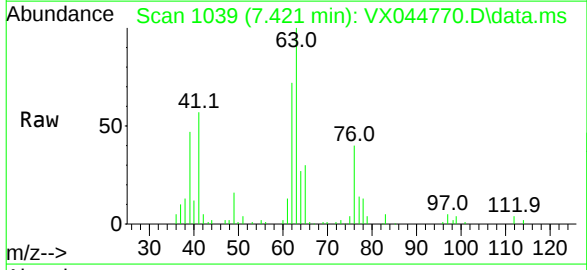
#39
1,2-Dichloropropane
Concen: 20.630 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 63 Resp: 41771
Ion Ratio Lower Upper
63 100
65 30.3 25.5 38.3

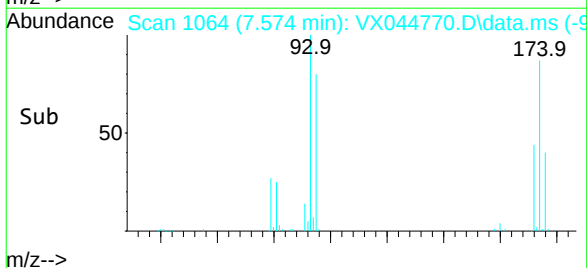
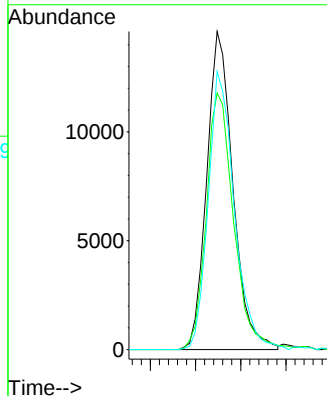
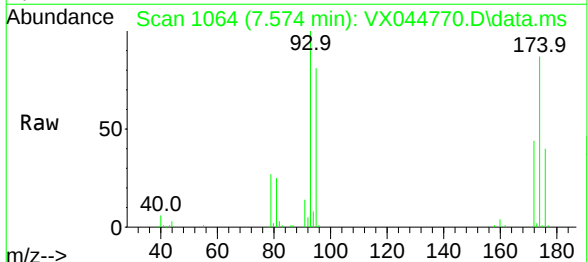
Manual Integrations
APPROVED

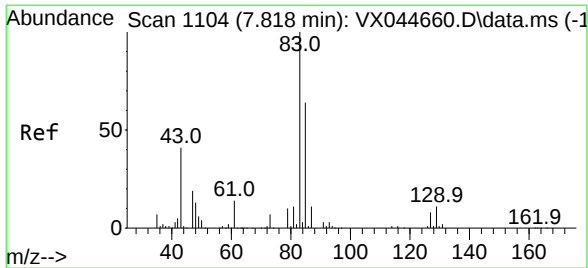
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Dibromomethane
Concen: 19.536 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 93 Resp: 29408
Ion Ratio Lower Upper
93 100
95 84.4 0.0 167.0
174 87.3 0.0 182.0





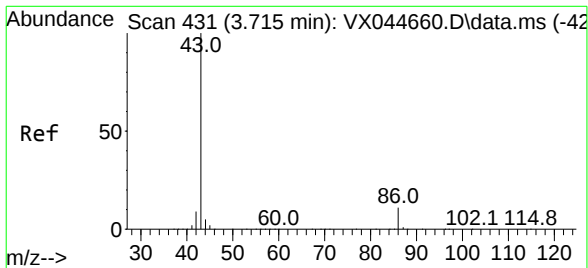
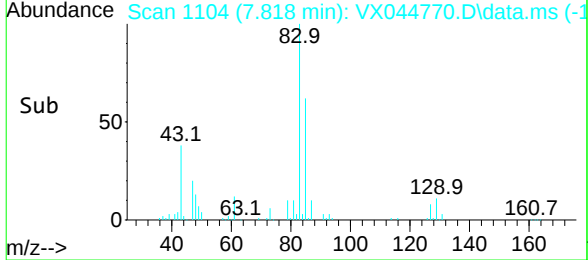
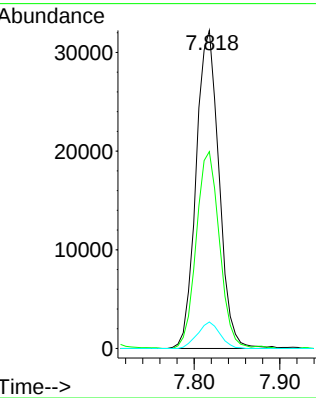
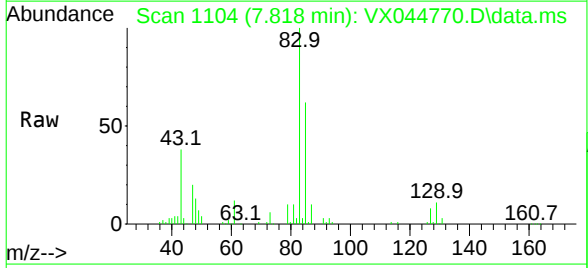
#41
Bromodichloromethane
Concen: 19.223 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion:	83	Resp:	59751
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.9	76.3
127	8.3	6.5	9.7

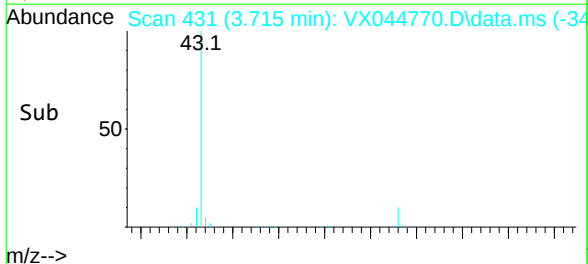
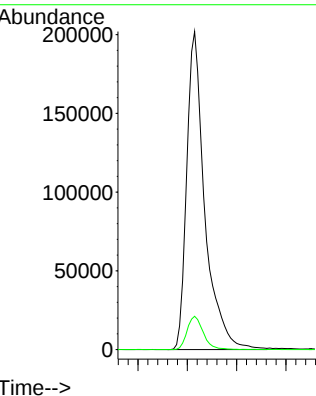
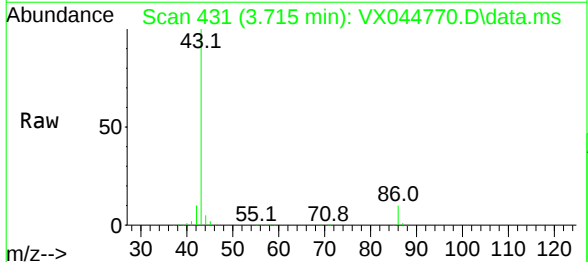
Manual Integrations
APPROVED

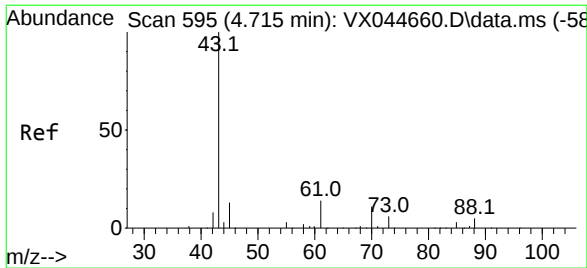
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#42
Vinyl Acetate
Concen: 92.534 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion:	43	Resp:	513765
Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.0	12.0





#43

Ethyl Acetate

Concen: 20.700 ug/l

RT: 4.709 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 43 Resp: 56770

Ion Ratio Lower Upper

43 100

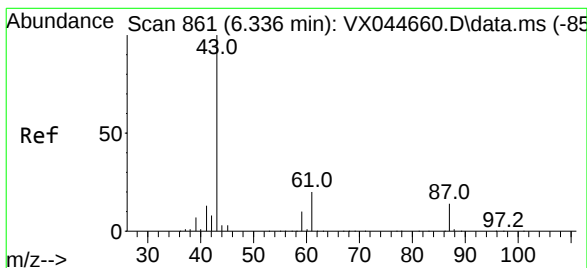
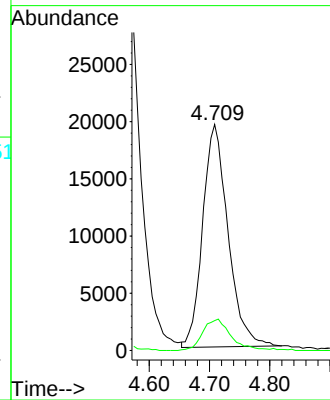
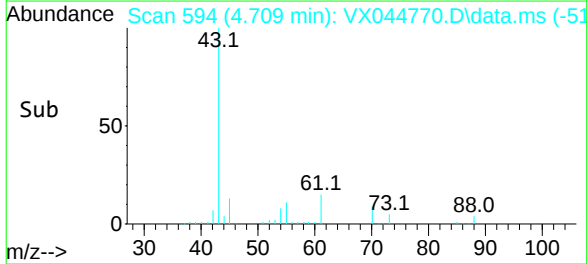
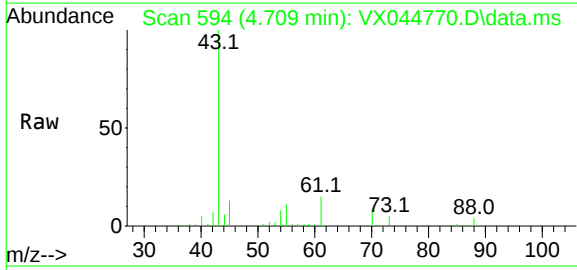
45 15.6 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#44

Isopropyl Acetate

Concen: 20.202 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX044770.D

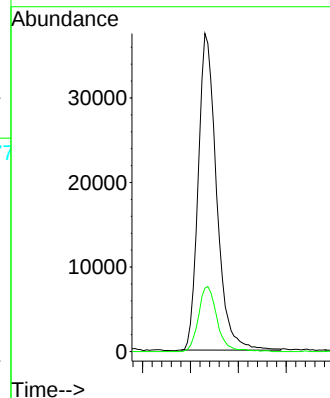
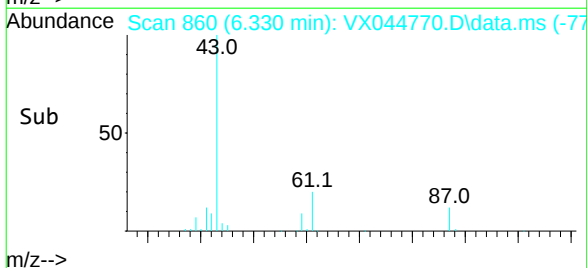
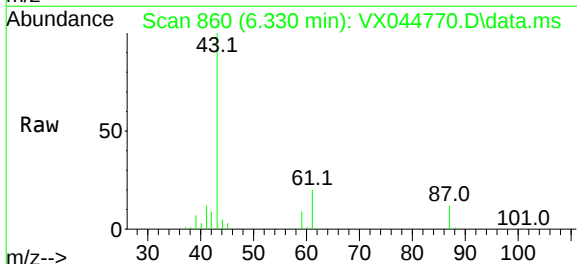
Acq: 30 Jan 2025 09:55

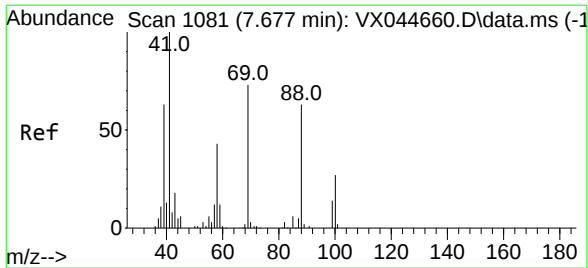
Tgt Ion: 43 Resp: 99533

Ion Ratio Lower Upper

43 100

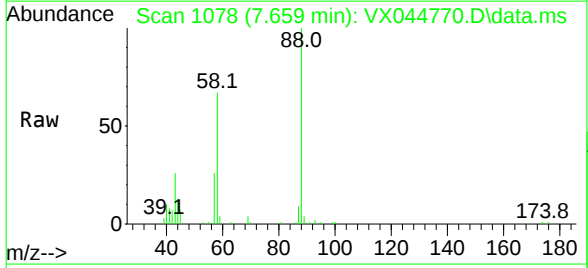
61 20.5 16.2 24.4





#45
1,4-Dioxane
Concen: 428.839 ug/l
RT: 7.659 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

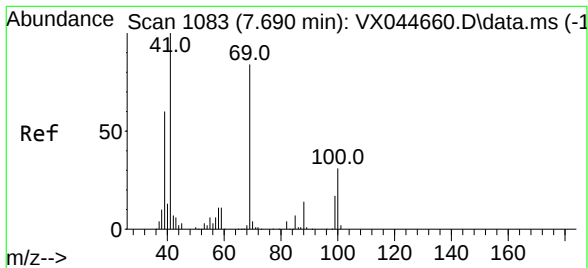
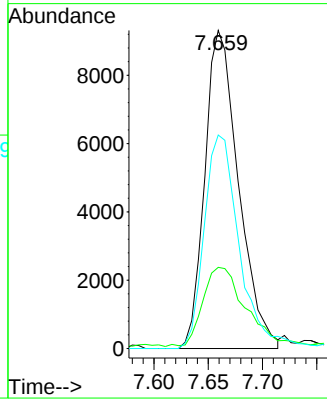
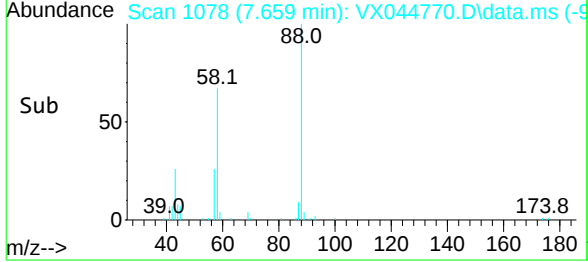
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 88 Resp: 20119
Ion Ratio Lower Upper
88 100
43 29.9 25.9 38.9
58 70.1 58.9 88.3

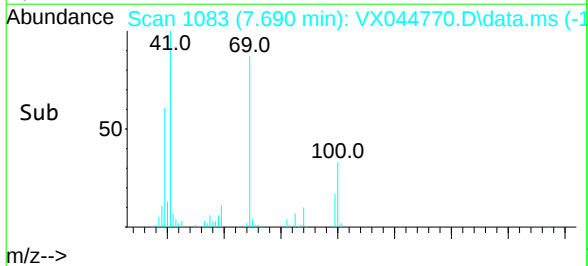
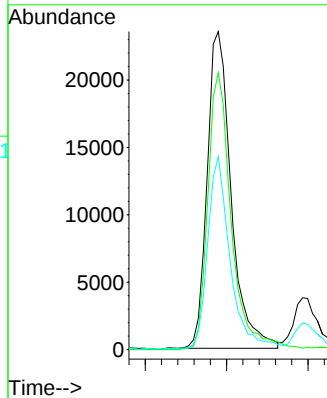
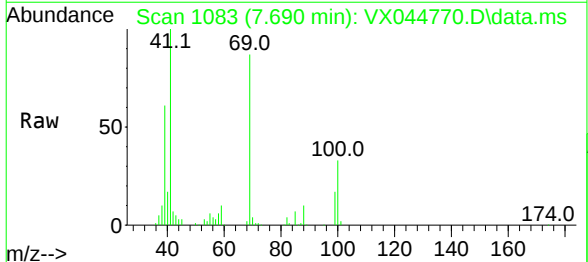
Manual Integrations
APPROVED

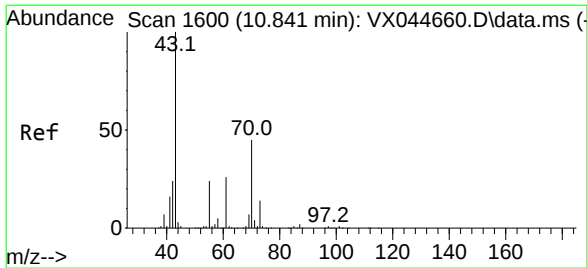
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Methyl methacrylate
Concen: 19.958 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 41 Resp: 48131
Ion Ratio Lower Upper
41 100
69 87.4 41.9 125.7
39 60.5 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.652 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 43 Resp: 89525

Ion Ratio Lower Upper

43 100

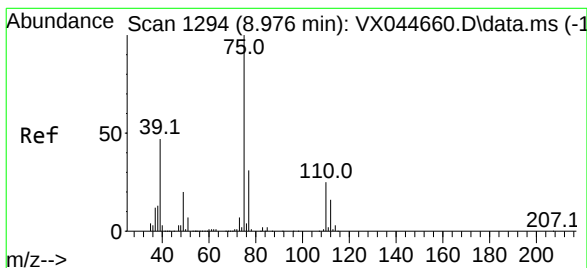
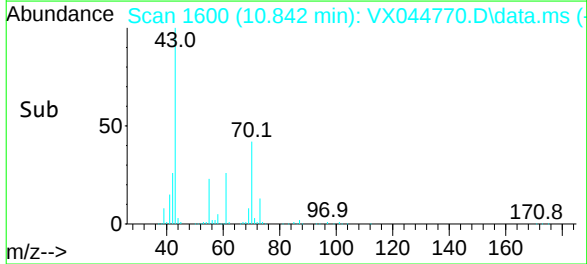
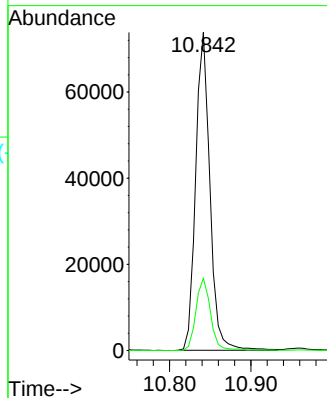
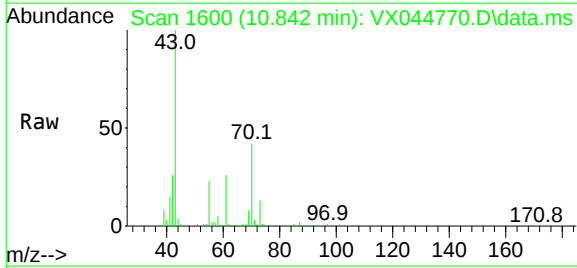
55 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#48

t-1,3-Dichloropropene

Concen: 19.088 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044770.D

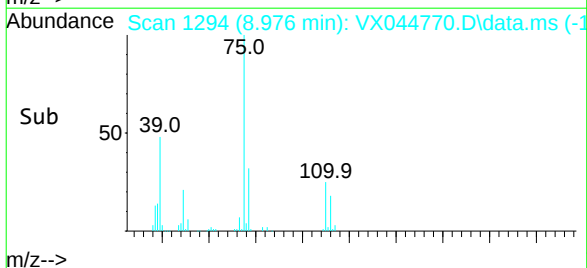
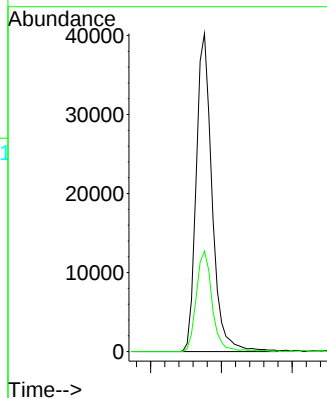
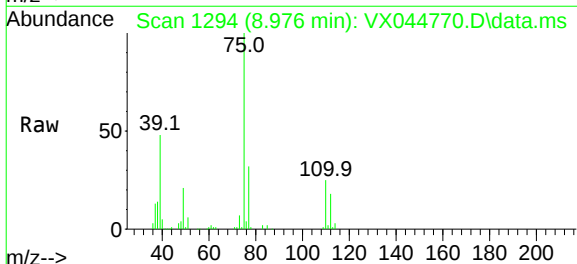
Acq: 30 Jan 2025 09:55

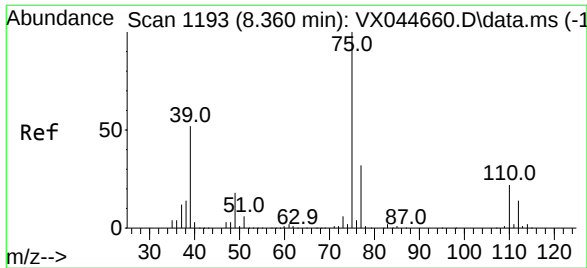
Tgt Ion: 75 Resp: 62622

Ion Ratio Lower Upper

75 100

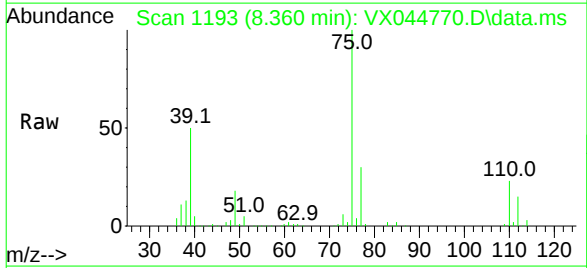
77 31.6 24.8 37.2





#49
 cis-1,3-Dichloropropene
 Concen: 20.222 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044770.D
 Acq: 30 Jan 2025 09:55

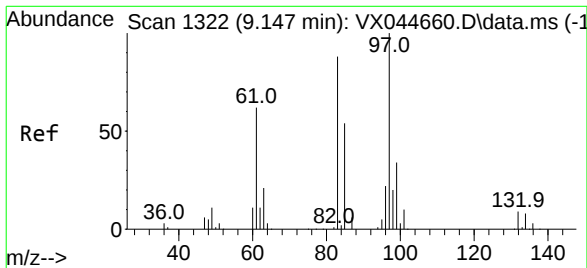
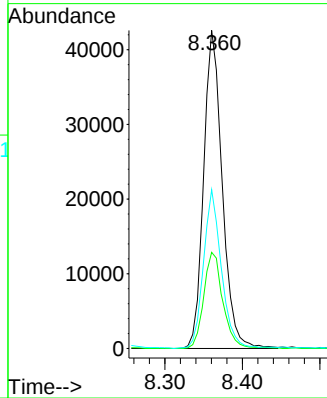
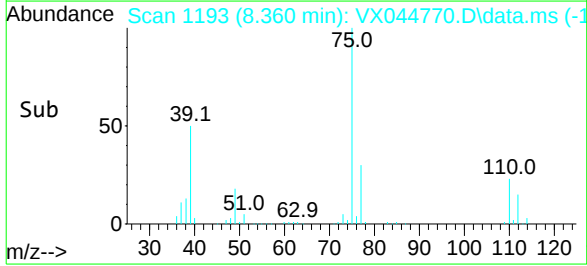
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01



Tgt Ion: 75 Resp: 71139
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 49.7 41.4 62.0

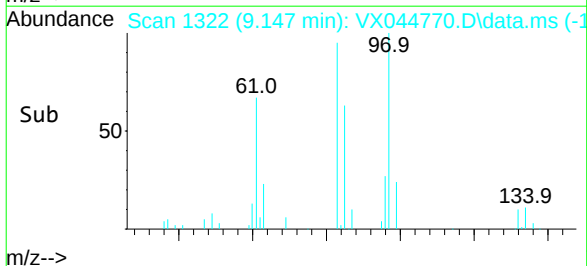
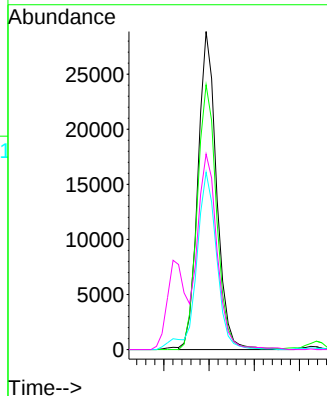
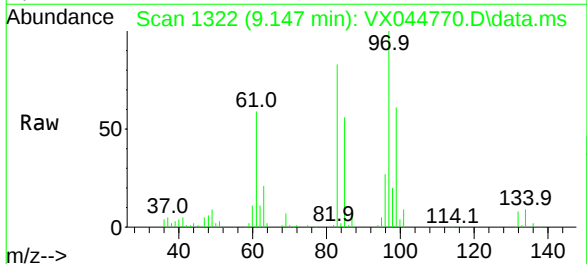
Manual Integrations
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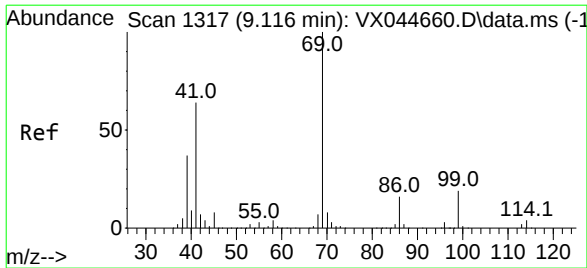
Reviewed By :John Carlone 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#50
 1,1,2-Trichloroethane
 Concen: 21.333 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044770.D
 Acq: 30 Jan 2025 09:55

Tgt Ion: 97 Resp: 41359
 Ion Ratio Lower Upper
 97 100
 83 83.3 69.2 103.8
 85 55.8 44.8 67.2
 99 60.9 52.1 78.1





#51

Ethyl methacrylate

Concen: 20.569 ug/l

RT: 9.110 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

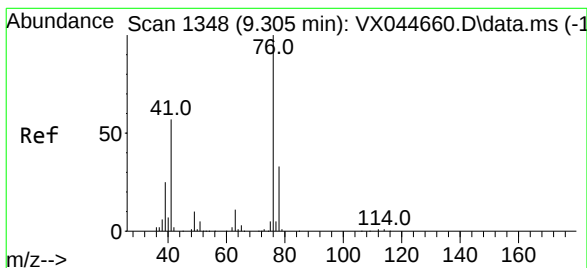
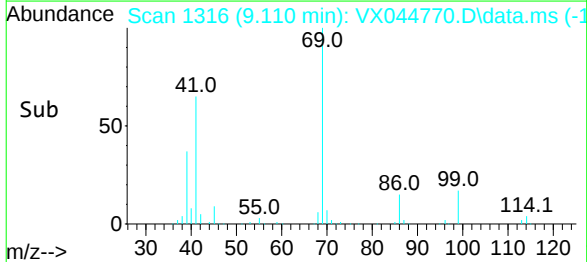
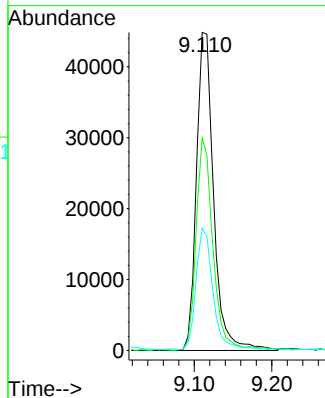
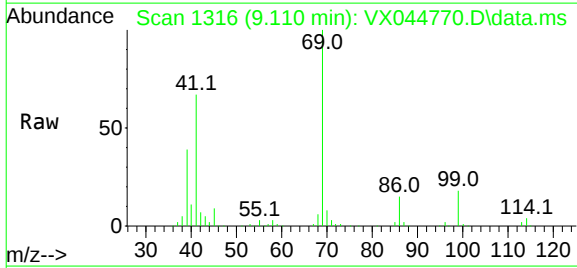
Tgt Ion:	69	Resp:	69275
Ion	Ratio	Lower	Upper
69	100		
41	66.6	32.0	96.0
39	38.2	18.6	55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#52

1,3-Dichloropropane

Concen: 21.180 ug/l

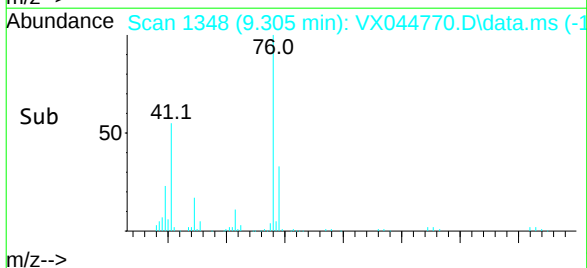
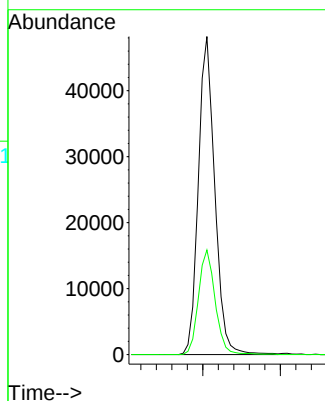
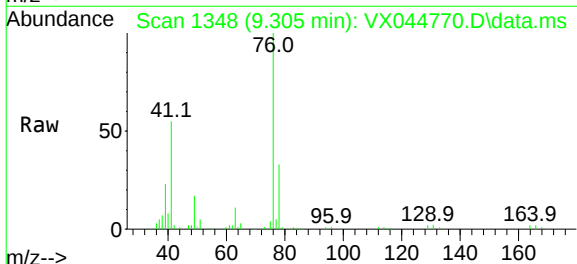
RT: 9.305 min Scan# 1348

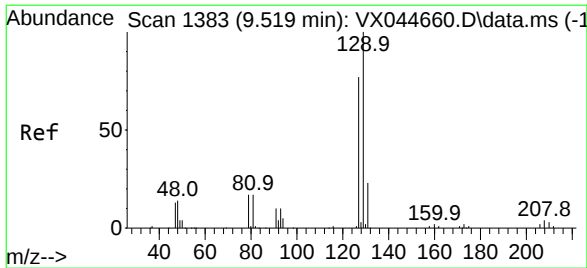
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	76	Resp:	71019
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	64.0





#53

Dibromochloromethane

Concen: 19.790 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion:129 Resp: 45847

Ion Ratio Lower Upper

129 100

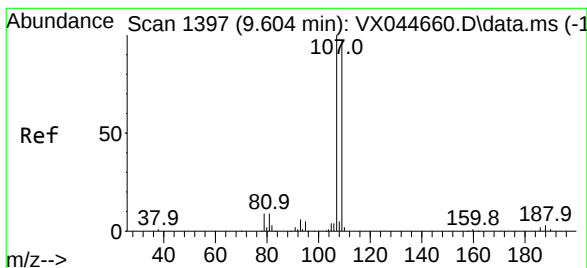
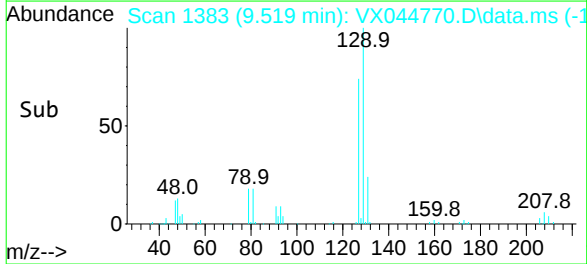
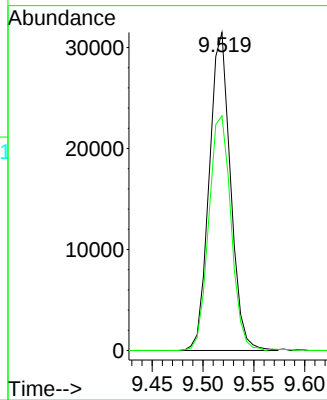
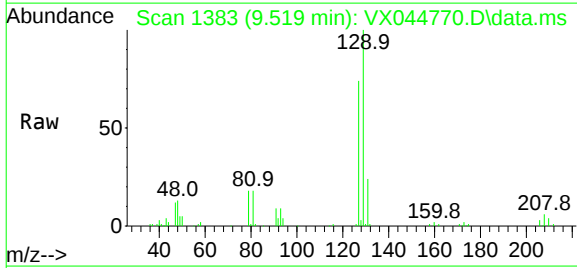
127 77.0 37.8 113.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#54

1,2-Dibromoethane

Concen: 20.766 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044770.D

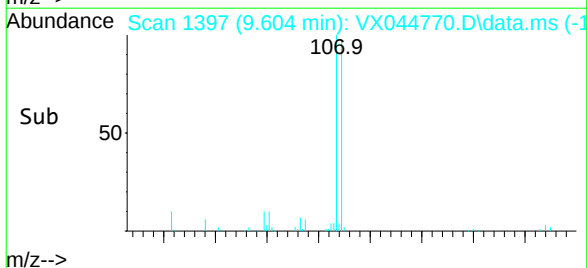
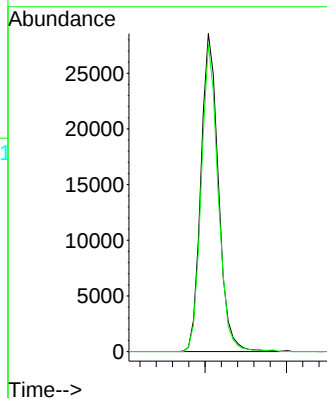
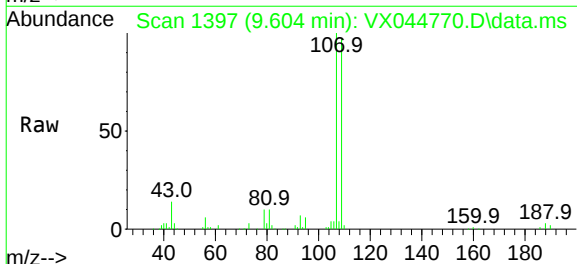
Acq: 30 Jan 2025 09:55

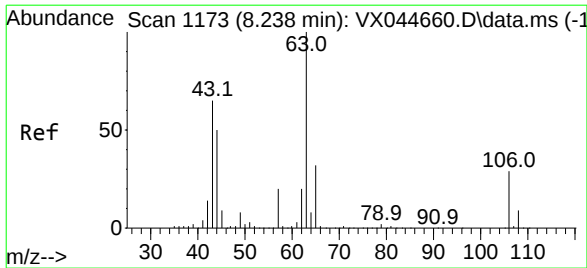
Tgt Ion:107 Resp: 42560

Ion Ratio Lower Upper

107 100

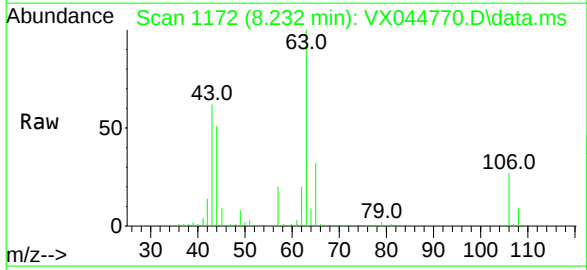
109 93.2 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 116.407 ug/l
RT: 8.232 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

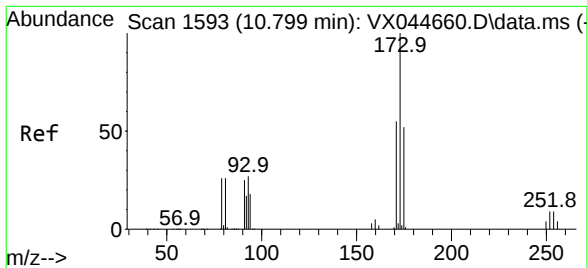
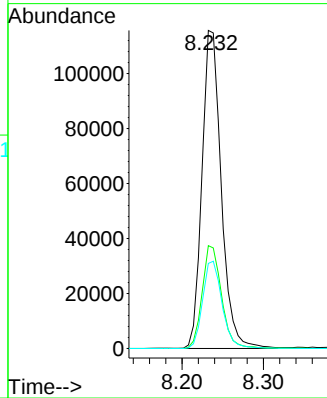
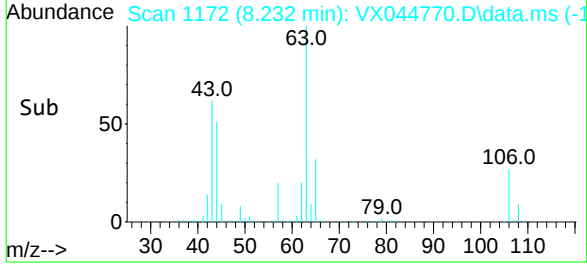
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



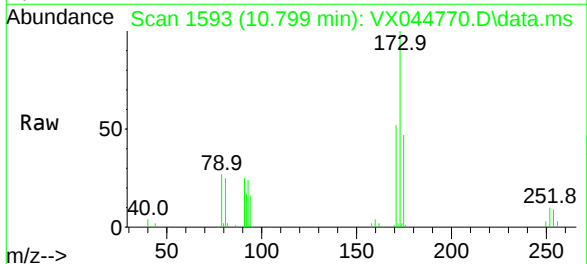
Tgt Ion: 63 Resp: 190226
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.6
106 27.8 23.1 34.7

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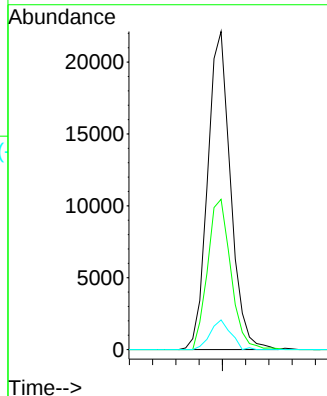
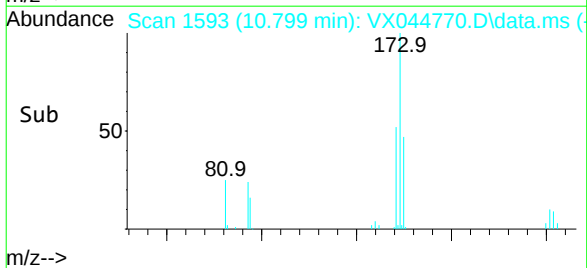
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

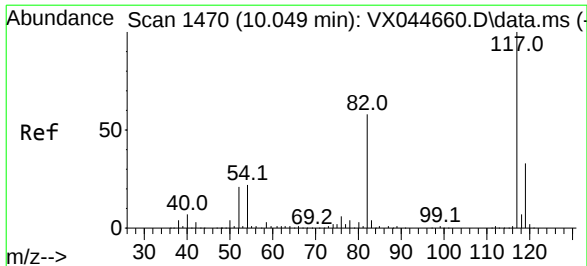


#56
Bromoform
Concen: 19.724 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



Tgt Ion:173 Resp: 30300
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.6
254 8.2 6.5 9.7





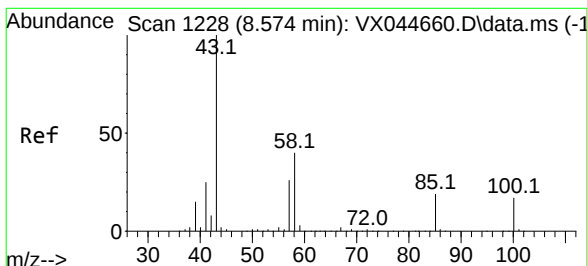
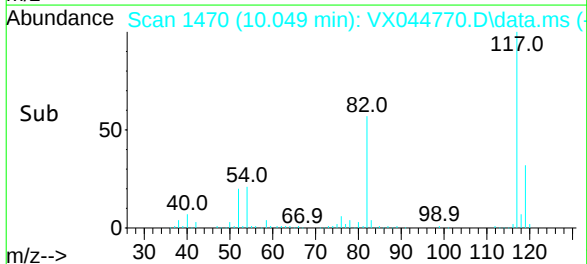
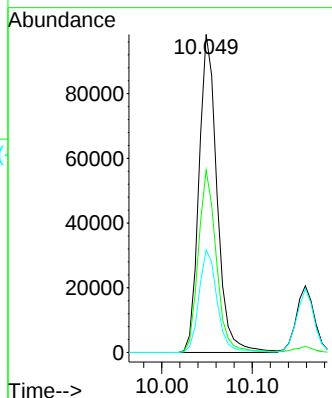
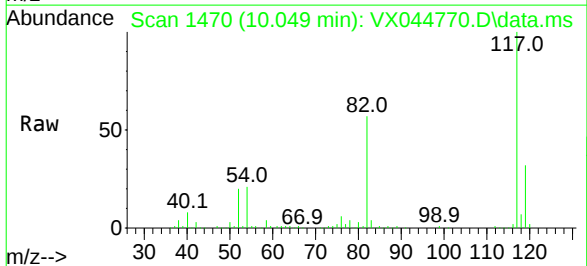
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 117 Resp: 136752
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.6
119 32.4 25.8 38.6

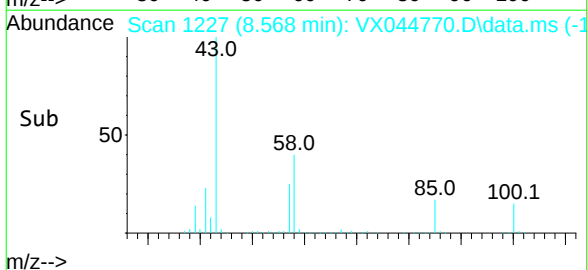
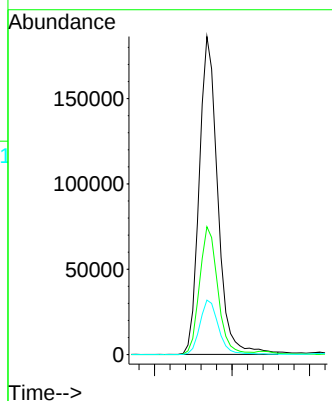
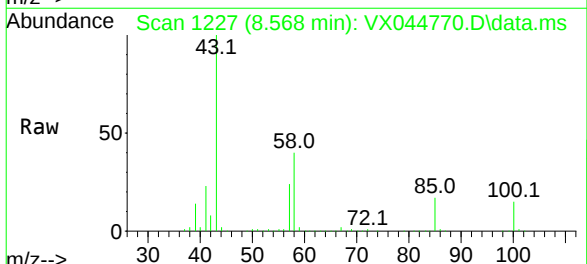
Manual Integrations
APPROVED

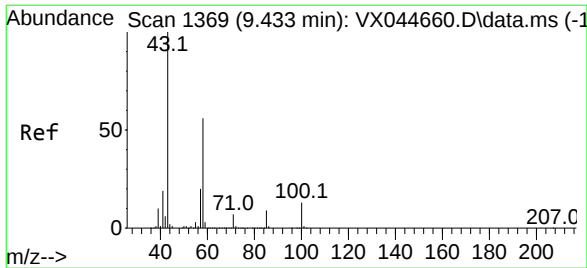
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#58
4-Methyl-2-Pentanone
Concen: 107.329 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

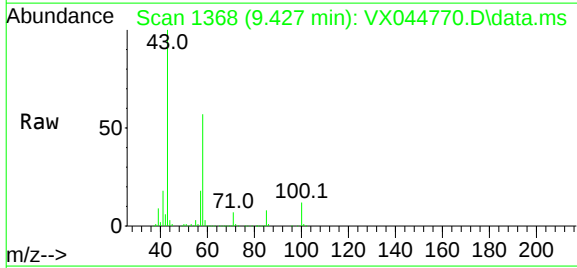
Tgt Ion: 43 Resp: 309380
Ion Ratio Lower Upper
43 100
58 39.8 31.7 47.5
85 17.2 15.0 22.6





#59
2-Hexanone
Concen: 107.387 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

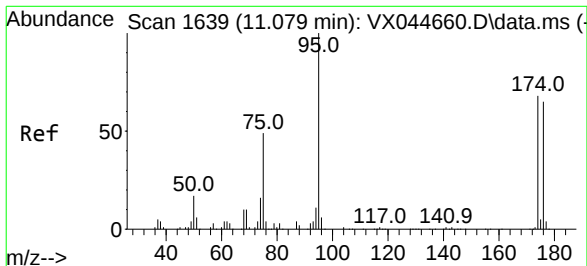
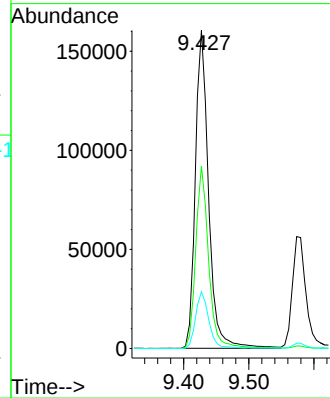
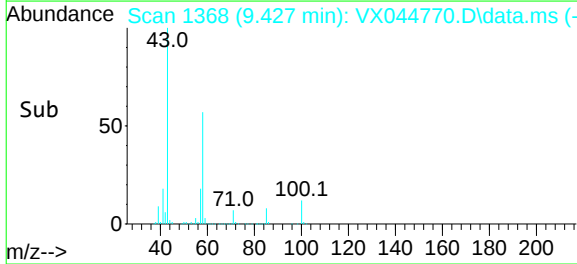
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 43 Resp: 226620
Ion Ratio Lower Upper
43 100
58 55.8 44.4 66.6
57 17.9 15.5 23.3

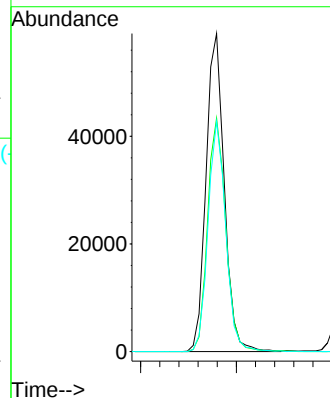
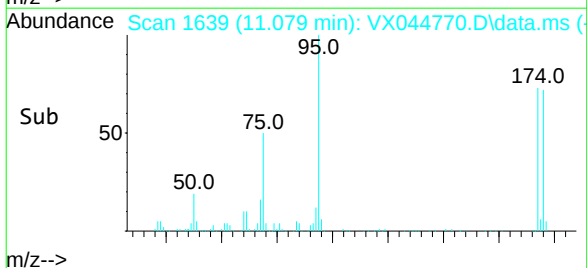
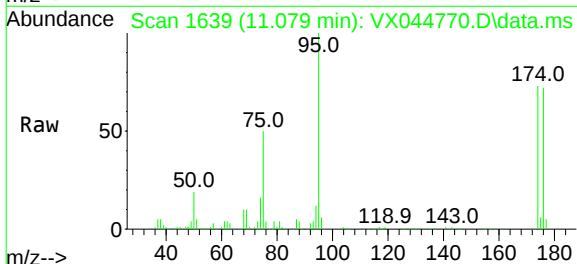
Manual Integrations
APPROVED

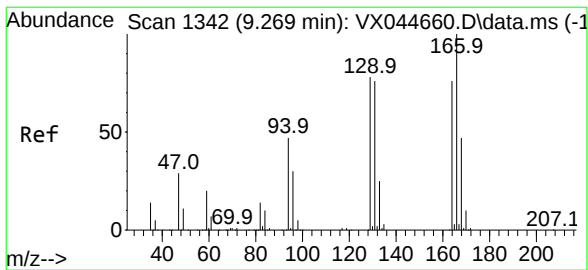
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
4-Bromofluorobenzene
Concen: 29.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

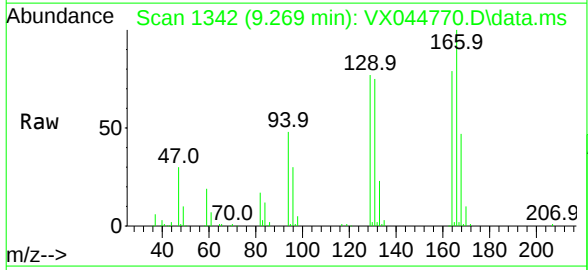
Tgt Ion: 95 Resp: 78155
Ion Ratio Lower Upper
95 100
174 73.1 54.6 81.8
176 70.2 52.8 79.2





#61
Tetrachloroethene
Concen: 20.382 ug/l
RT: 9.269 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

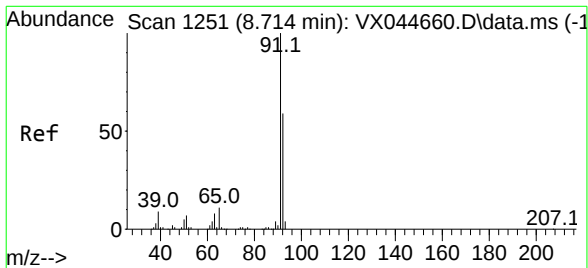
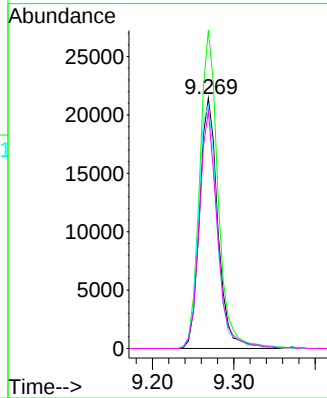
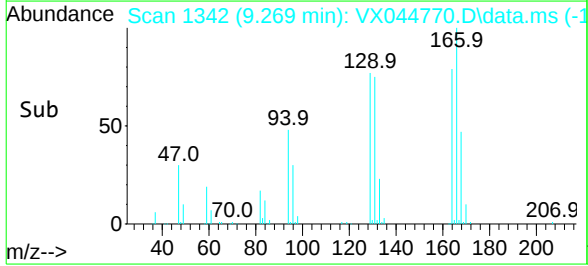
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



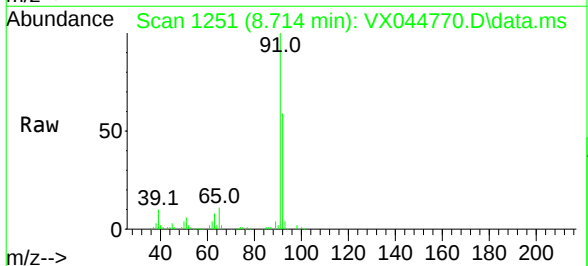
Tgt Ion: 164 Resp: 33435
Ion Ratio Lower Upper
164 100
166 127.1 105.6 158.4
129 97.2 82.8 124.2
131 94.8 80.2 120.4

Manual Integrations
APPROVED

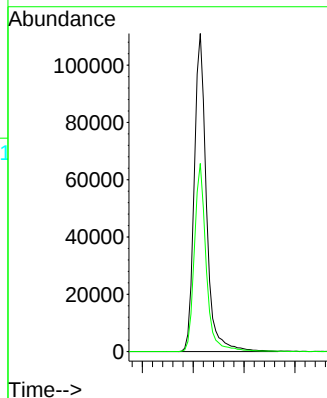
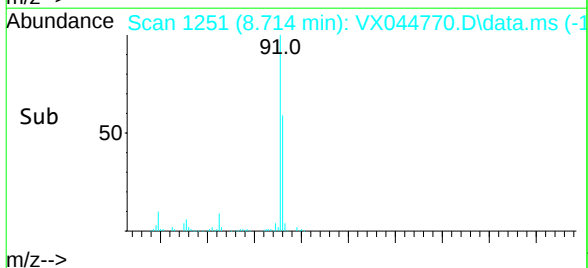
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

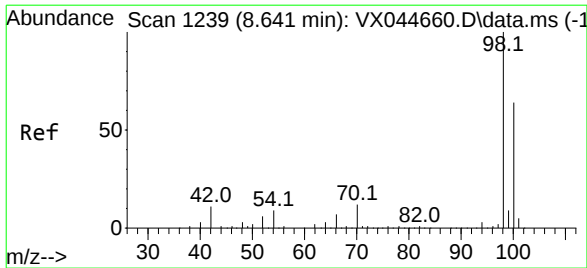


#62
Toluene
Concen: 20.519 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



Tgt Ion: 91 Resp: 184763
Ion Ratio Lower Upper
91 100
92 57.2 47.3 70.9





#63

Toluene-d8

Concen: 29.820 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tgt Ion: 98 Resp: 221796

Ion Ratio Lower Upper

98 100

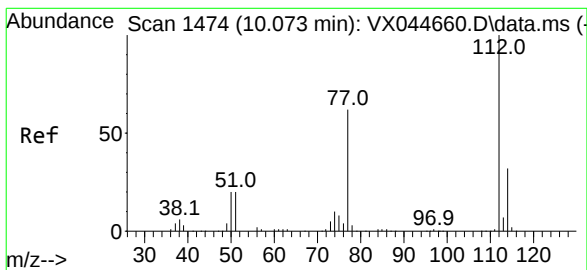
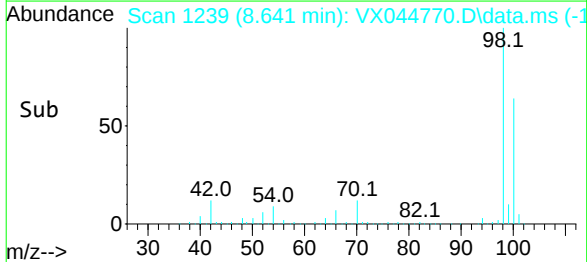
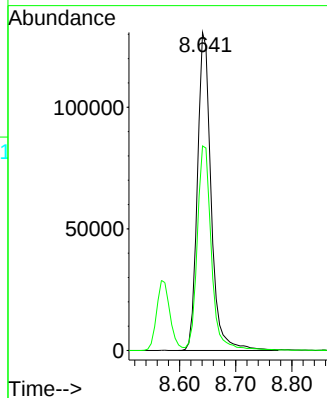
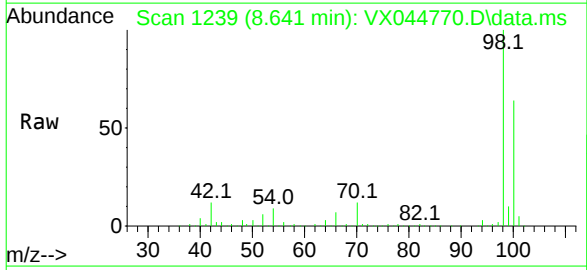
100 65.2 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#64

Chlorobenzene

Concen: 20.667 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044770.D

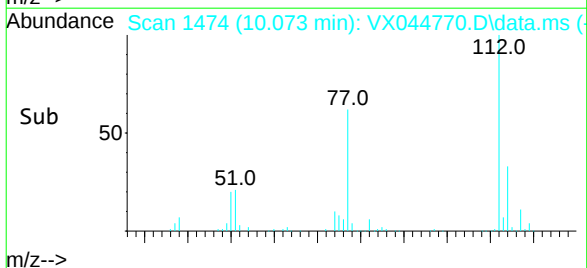
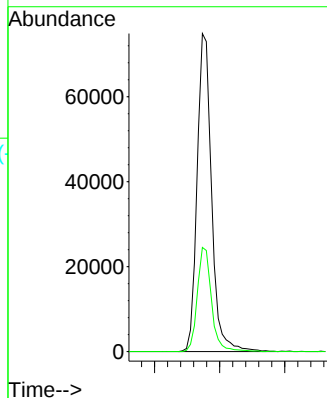
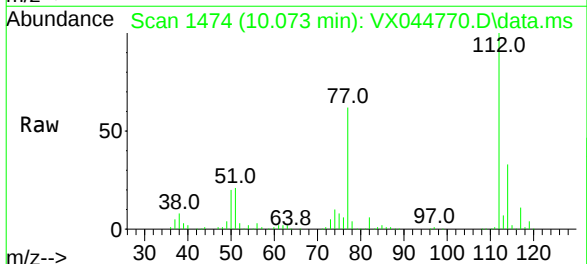
Acq: 30 Jan 2025 09:55

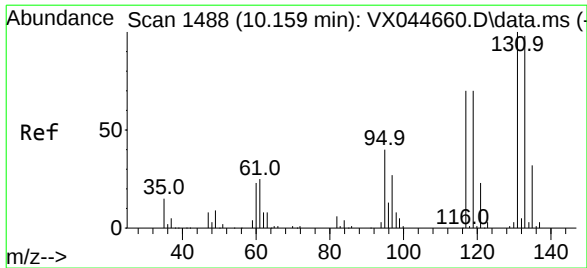
Tgt Ion:112 Resp: 115580

Ion Ratio Lower Upper

112 100

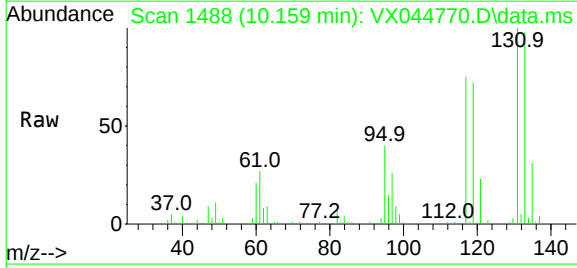
114 32.8 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.930 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

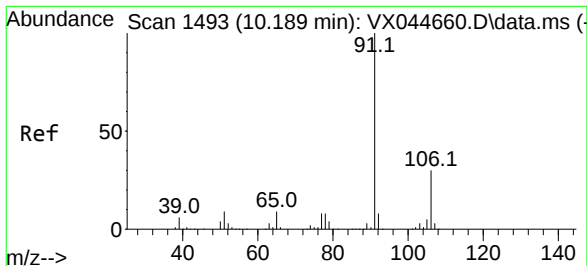
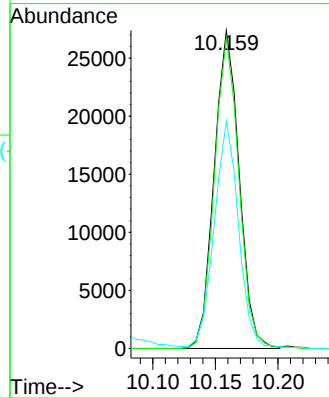
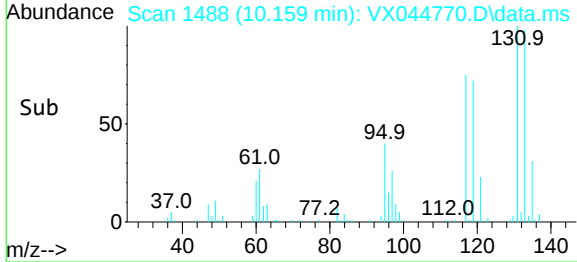
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 131 Resp: 38028
Ion Ratio Lower Upper
131 100
133 95.7 0.0 192.4
119 69.6 0.0 133.4

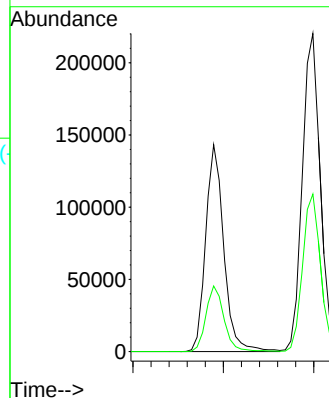
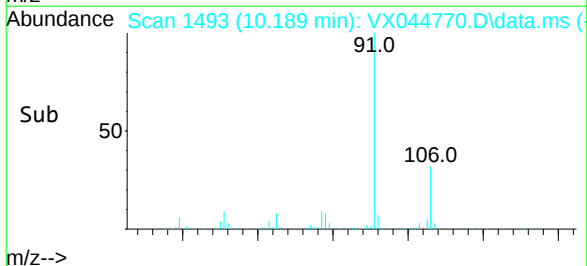
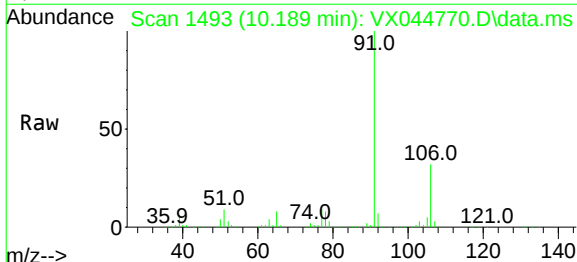
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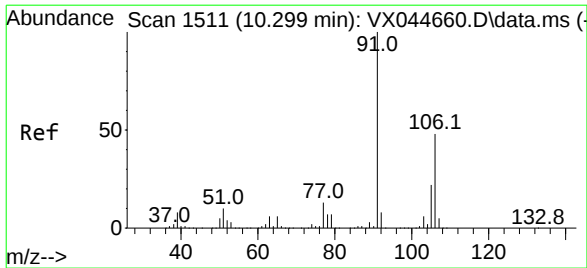
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
Ethyl Benzene
Concen: 20.311 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion: 91 Resp: 199600
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0





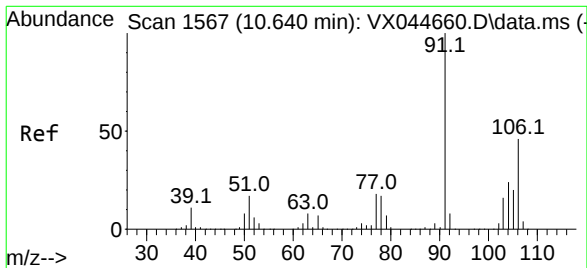
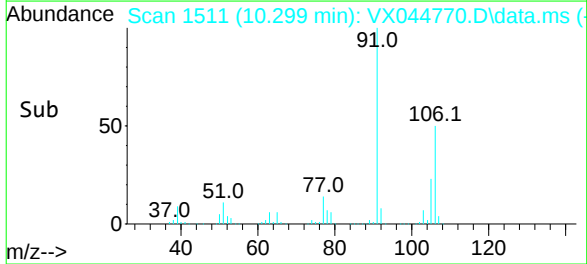
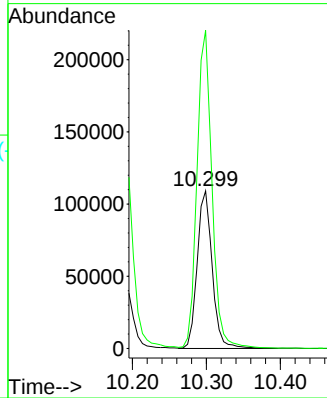
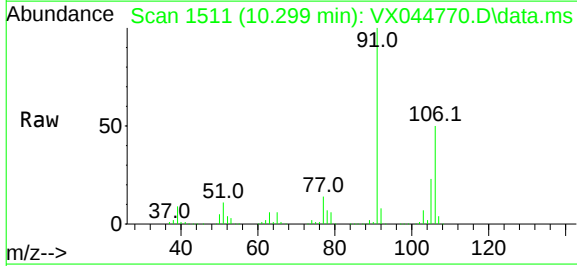
#67
m/p-Xylenes
Concen: 42.657 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion:106 Resp: 154088
Ion Ratio Lower Upper
106 100
91 201.2 166.8 250.2

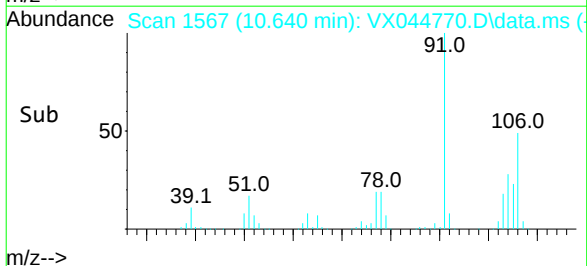
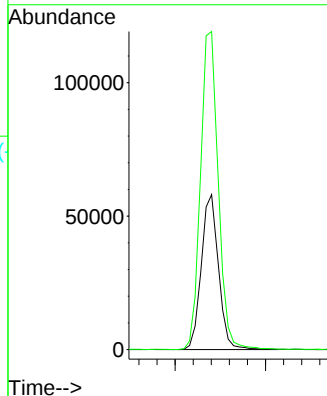
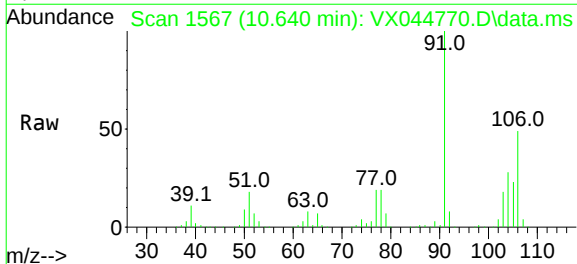
Manual Integrations
APPROVED

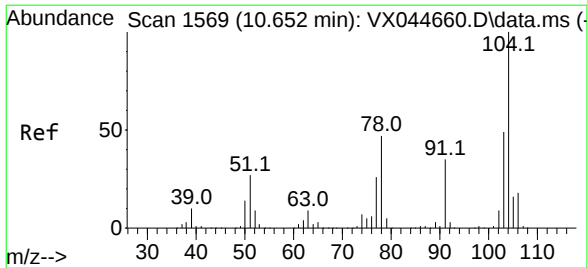
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#68
o-Xylene
Concen: 21.215 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion:106 Resp: 76914
Ion Ratio Lower Upper
106 100
91 211.1 109.7 329.1





#69

Styrene

Concen: 21.185 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

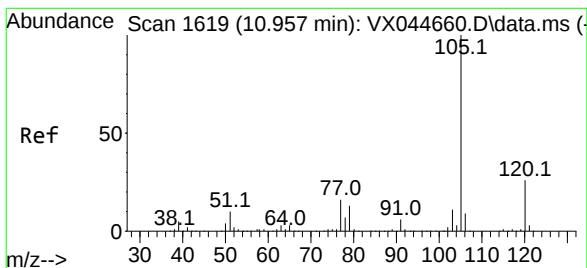
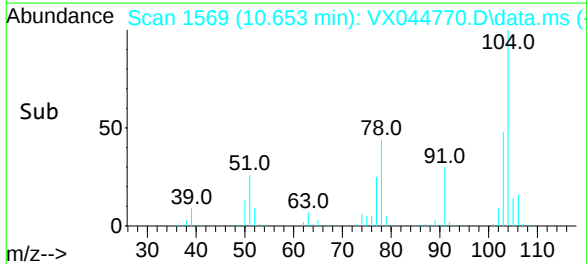
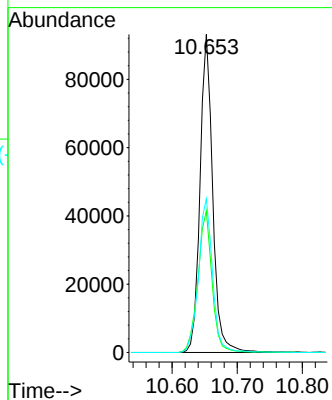
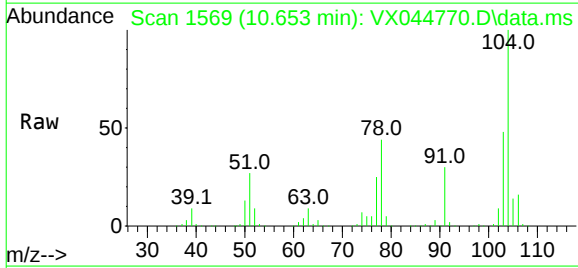
Tgt Ion:	104	Resp:	126099
Ion Ratio	Lower	Upper	
104	100		
78	49.4	42.0	63.0
103	53.0	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#70

Isopropylbenzene

Concen: 21.315 ug/l

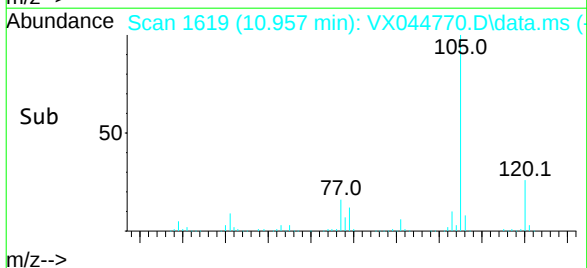
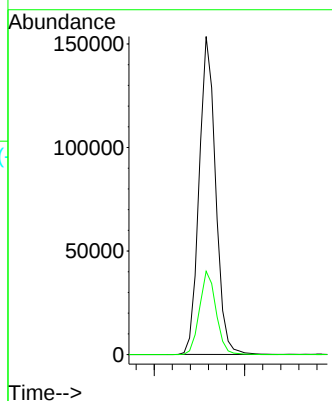
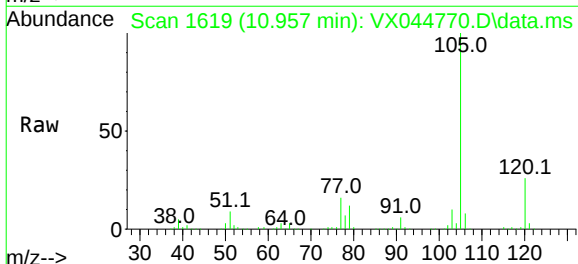
RT: 10.957 min Scan# 1619

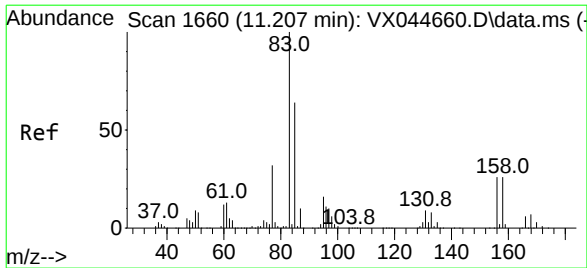
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	105	Resp:	194267
Ion Ratio	Lower	Upper	
105	100		
120	26.3	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 20.976 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

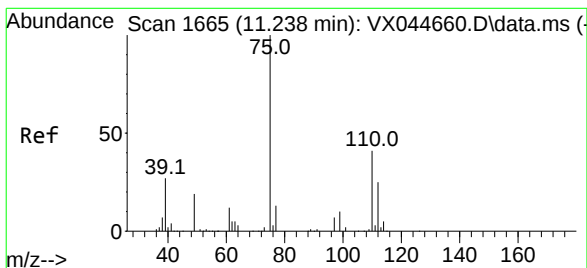
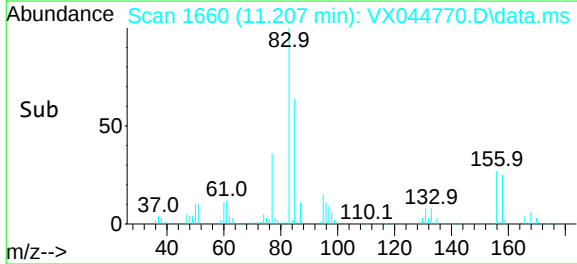
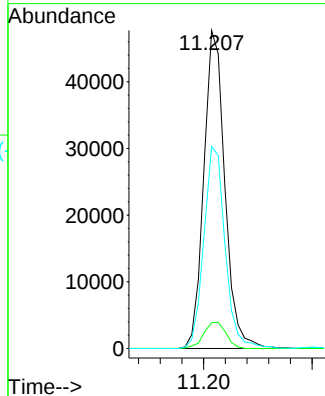
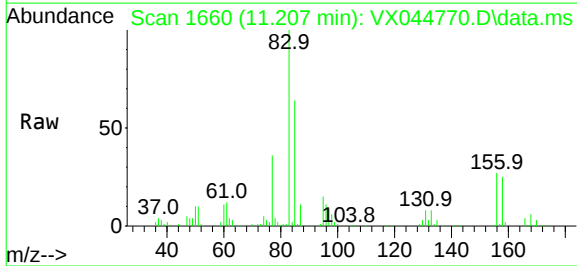
Tgt Ion:	83	Resp:	64268
Ion	Ratio	Lower	Upper
83	100		
131	8.8	5.0	14.9
85	64.3	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#72

1,2,3-Trichloropropane

Concen: 20.303 ug/l m

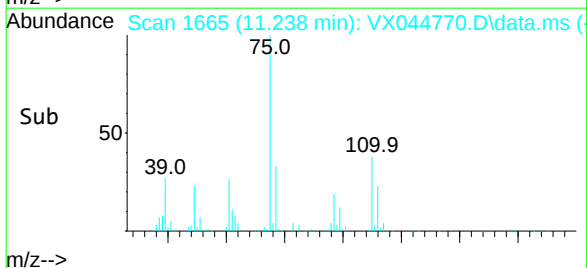
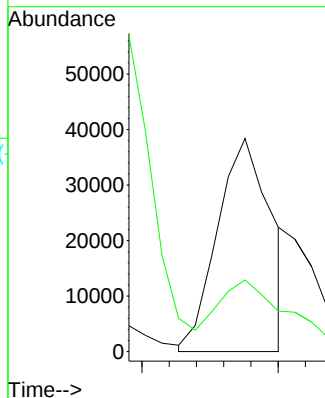
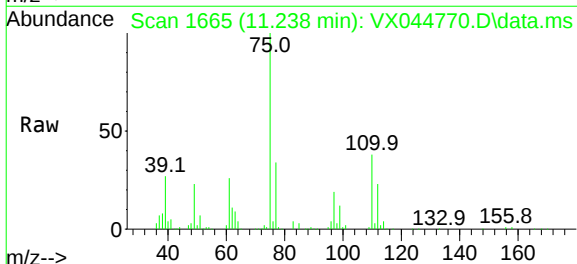
RT: 11.238 min Scan# 1665

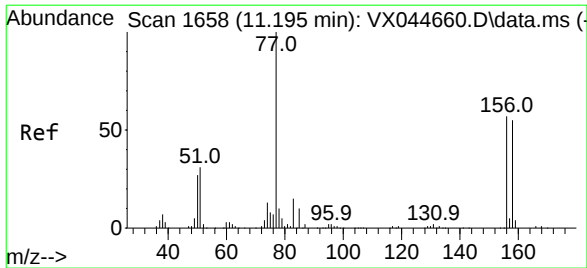
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	75	Resp:	52333
Ion	Ratio	Lower	Upper
75	100		
77	45.7	0.0	83.0





#73

Bromobenzene

Concen: 20.657 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

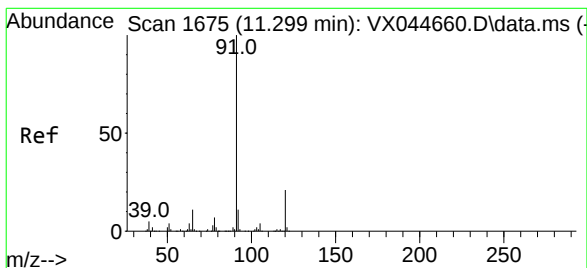
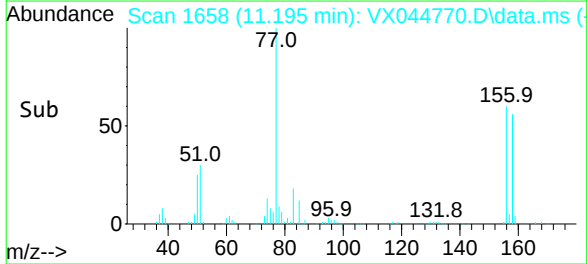
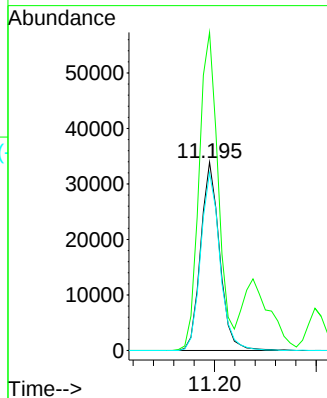
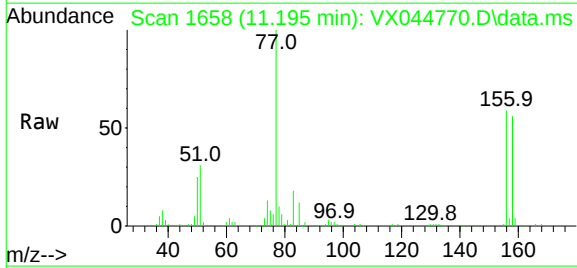
Tgt Ion:	156	Resp:	43859
Ion	Ratio	Lower	Upper
156	100		
77	171.1	0.0	354.6
158	96.1	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

n-propylbenzene

Concen: 21.995 ug/l

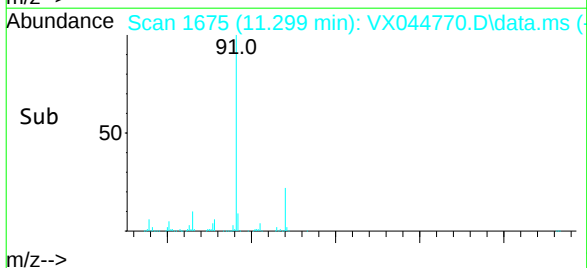
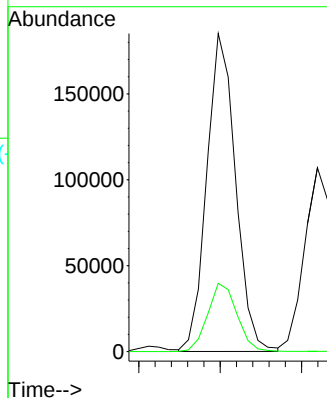
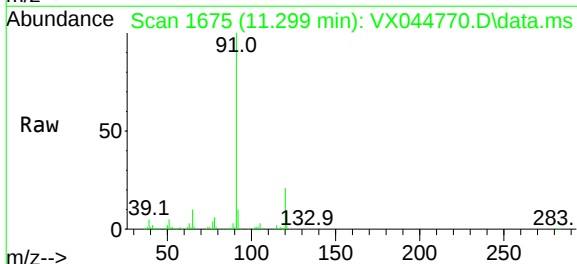
RT: 11.299 min Scan# 1675

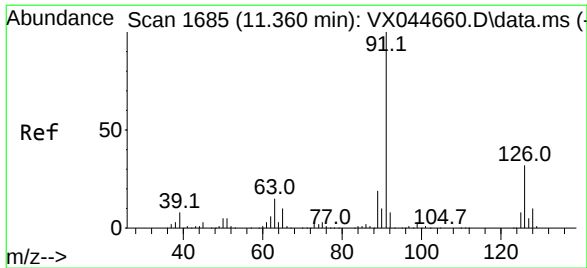
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	91	Resp:	227698
Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	45.0





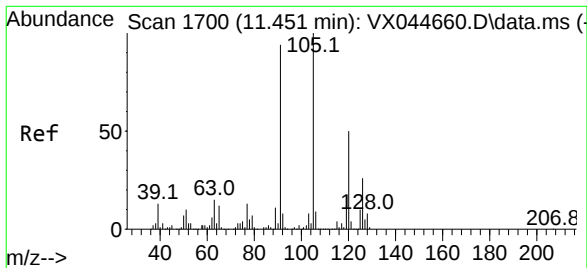
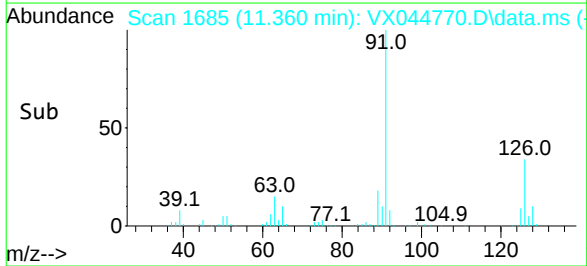
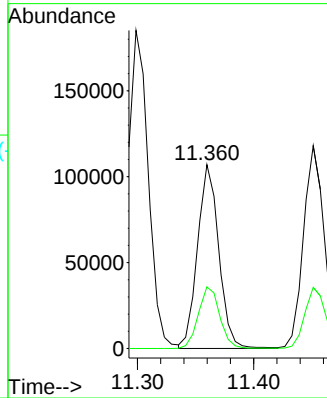
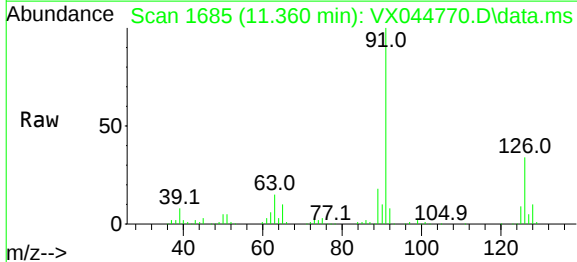
#75
2-Chlorotoluene
Concen: 20.926 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion: 91 Resp: 136192
Ion Ratio Lower Upper
91 100
126 33.6 0.0 64.0

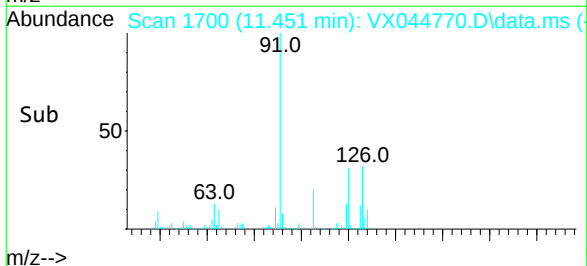
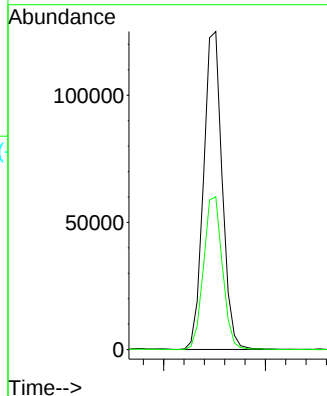
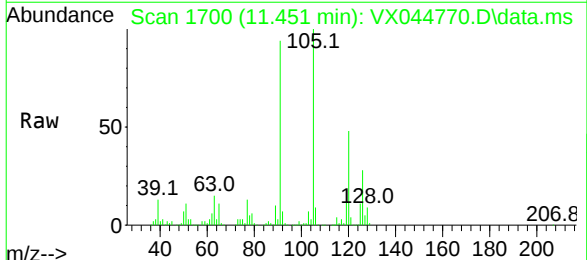
Manual Integrations
APPROVED

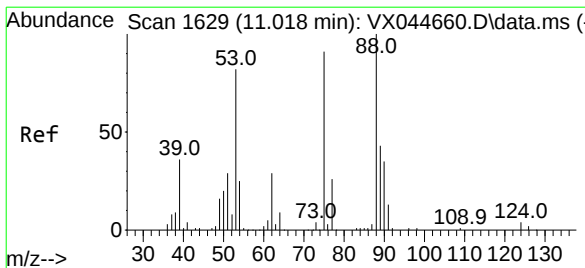
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.470 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion:105 Resp: 158914
Ion Ratio Lower Upper
105 100
120 48.9 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.202 ug/l

RT: 11.018 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044770.D

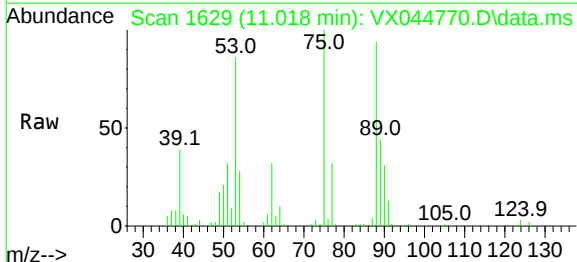
Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01



Tgt Ion: 75 Resp: 22197

Ion Ratio Lower Upper

75 100

53 85.5 45.3 135.9

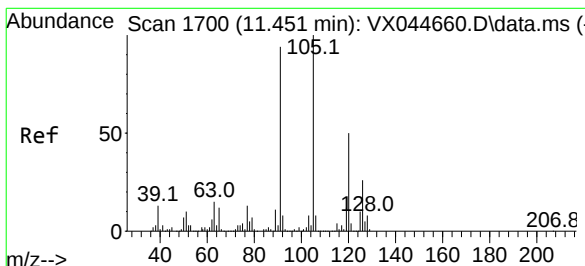
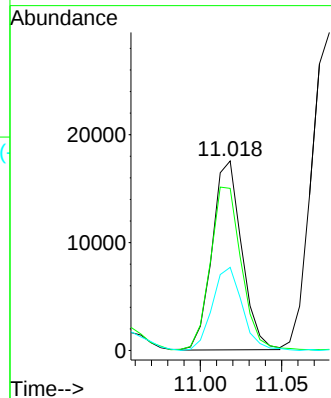
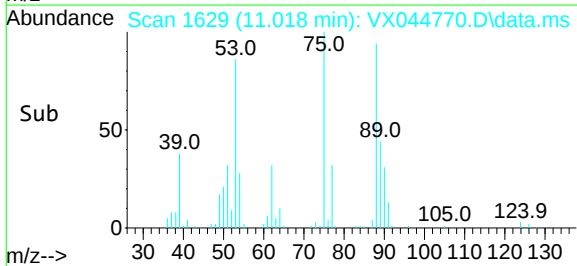
89 44.1 23.8 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#78

4-Chlorotoluene

Concen: 20.913 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044770.D

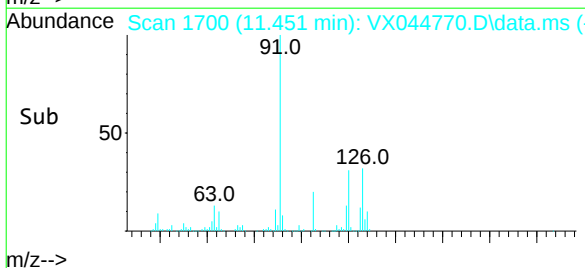
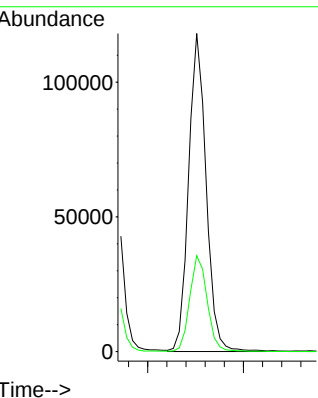
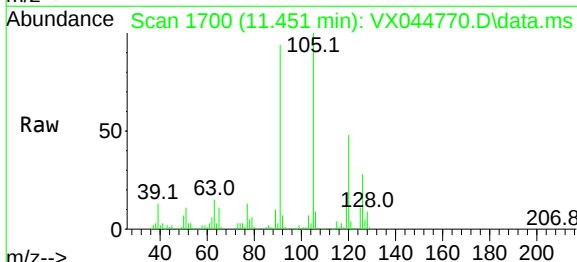
Acq: 30 Jan 2025 09:55

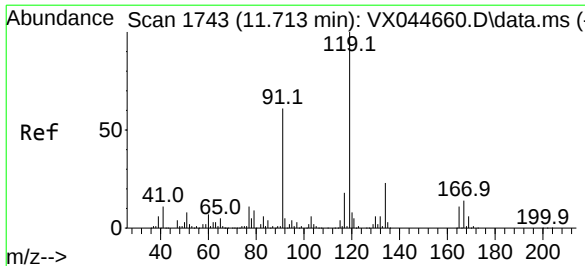
Tgt Ion: 91 Resp: 149972

Ion Ratio Lower Upper

91 100

126 30.1 0.0 55.4





#79

tert-butylbenzene

Concen: 21.349 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

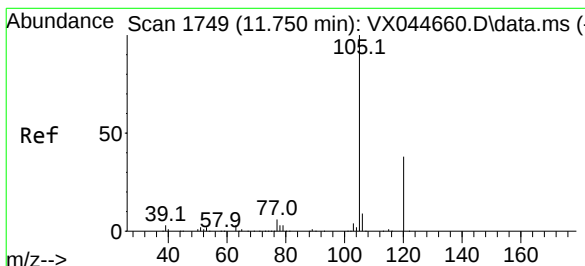
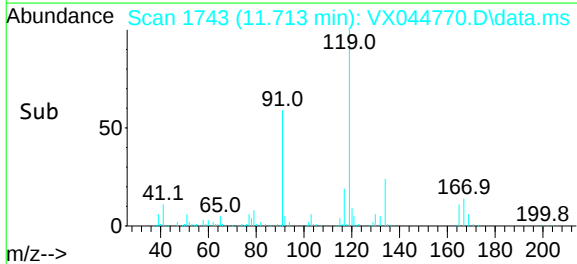
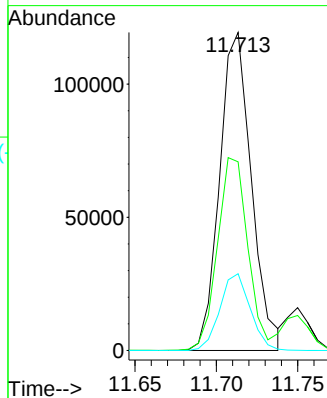
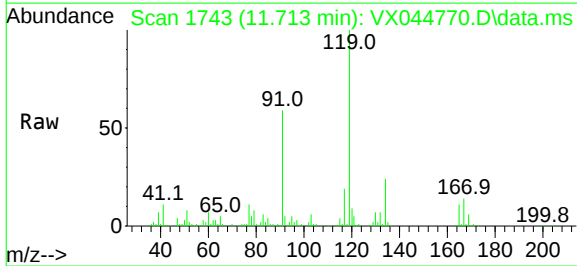
Tgt Ion:	119	Resp:	162335
Ion Ratio	Lower	Upper	
119	100		
91	57.9	0.0	119.0
134	23.1	0.0	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#80

1,2,4-Trimethylbenzene

Concen: 21.012 ug/l

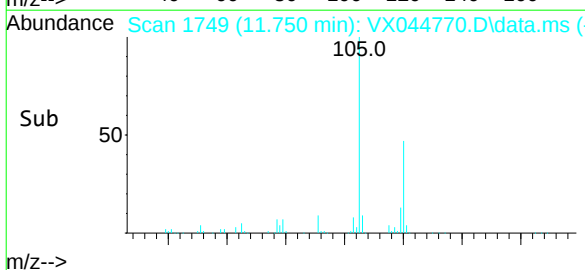
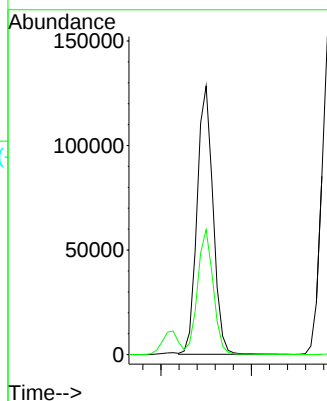
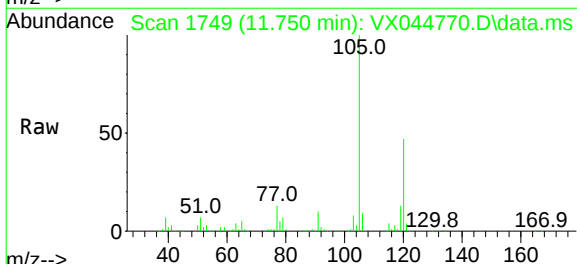
RT: 11.750 min Scan# 1749

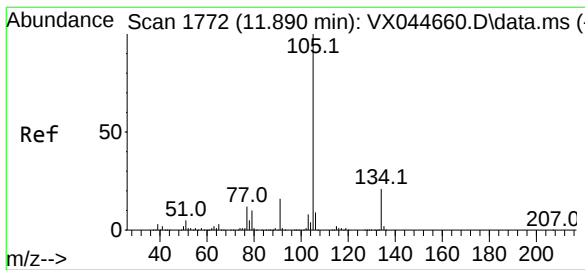
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	105	Resp:	156912
Ion Ratio	Lower	Upper	
105	100		
120	45.7	0.0	88.4





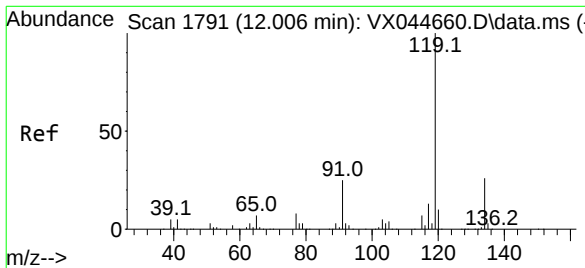
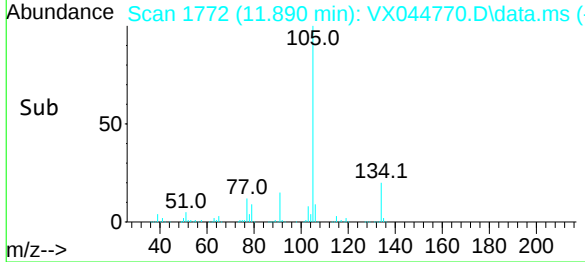
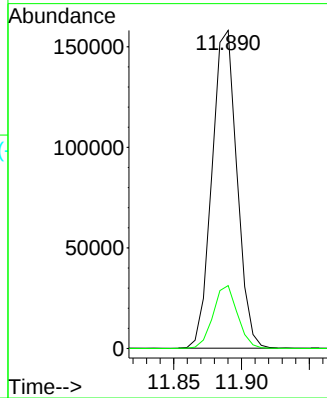
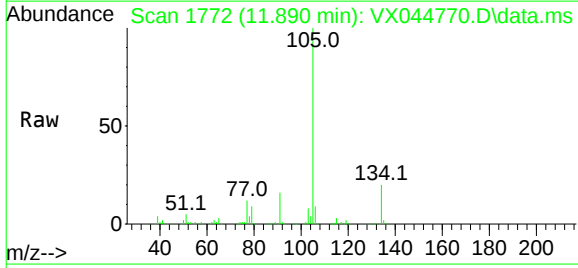
#81
sec-Butylbenzene
Concen: 22.341 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tgt Ion:105 Resp: 202851
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.6

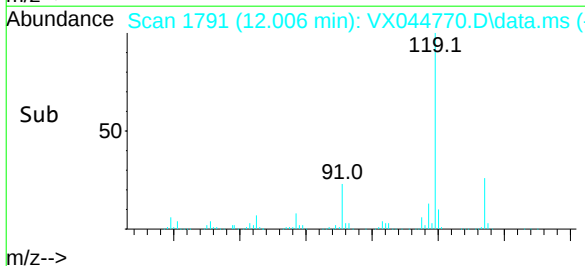
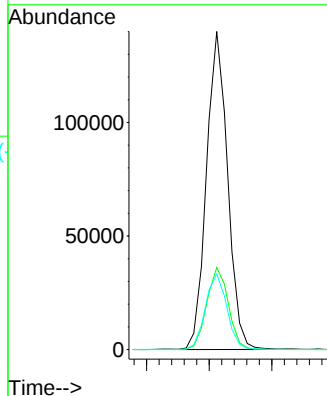
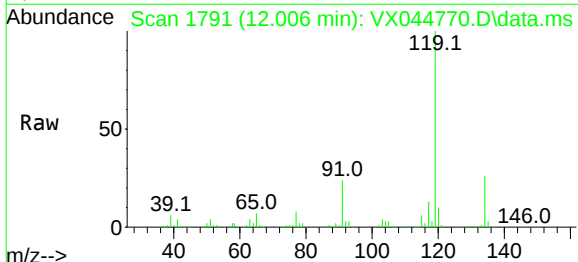
Manual Integrations
APPROVED

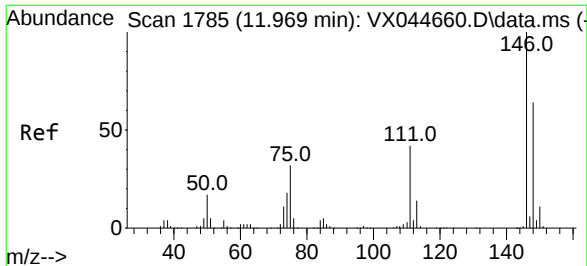
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
p-Isopropyltoluene
Concen: 22.008 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

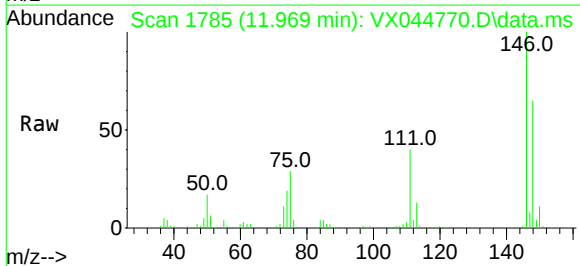
Tgt Ion:119 Resp: 164454
Ion Ratio Lower Upper
119 100
134 26.4 0.0 52.2
91 24.1 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.931 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

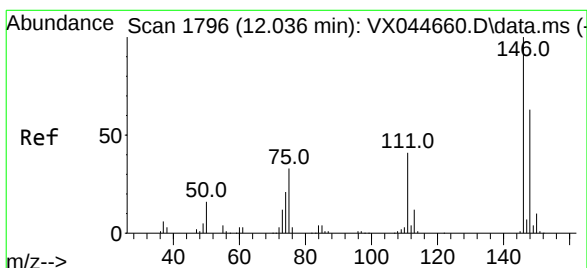
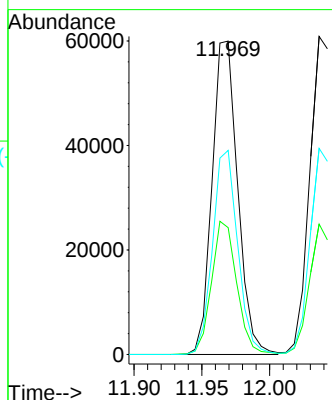
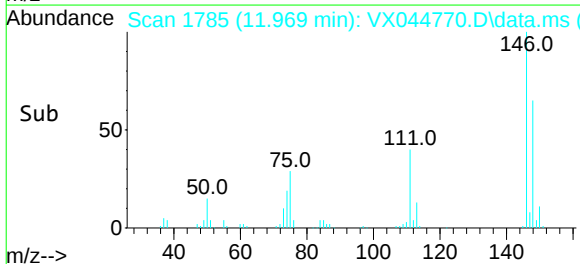
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



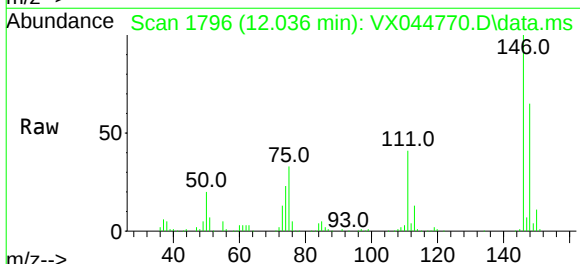
Tgt Ion:146 Resp: 78935
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 63.9 31.6 94.7

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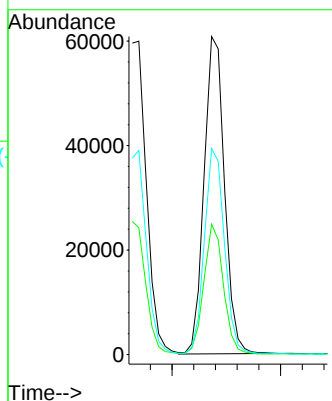
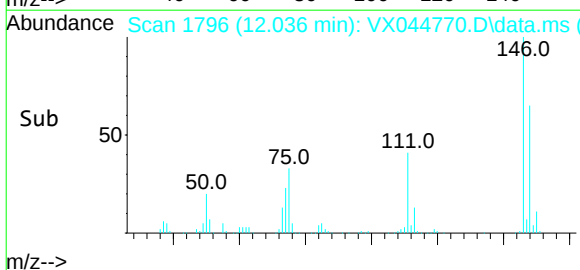
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

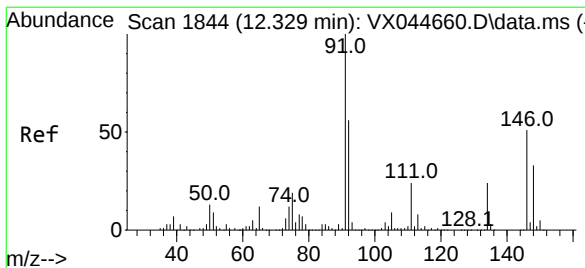


#84
1,4-Dichlorobenzene
Concen: 21.495 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



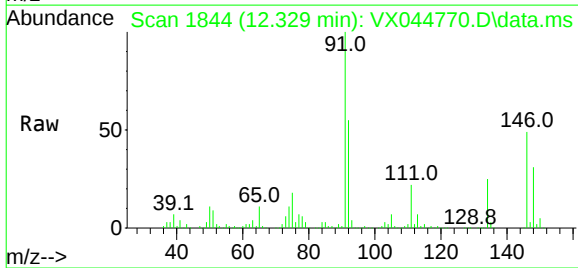
Tgt Ion:146 Resp: 79469
Ion Ratio Lower Upper
146 100
111 39.8 20.8 62.5
148 64.4 32.1 96.5





#85
n-Butylbenzene
Concen: 22.511 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

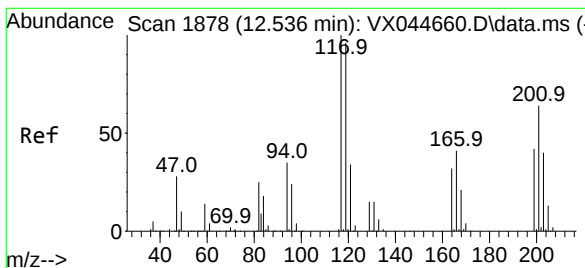
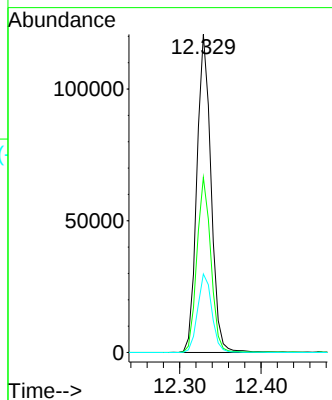
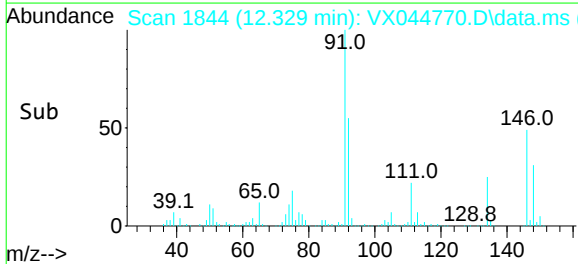
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



Tgt Ion: 91 Resp: 145814
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.4
134 24.8 0.0 49.2

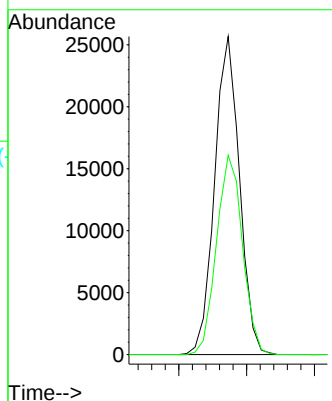
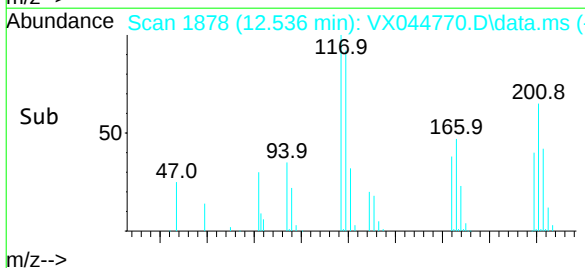
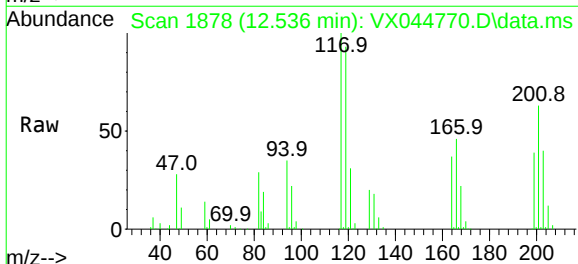
Manual Integrations
APPROVED

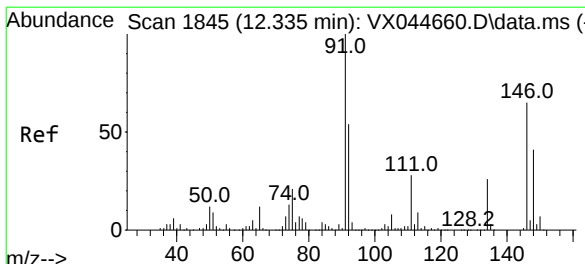
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#86
Hexachloroethane
Concen: 19.910 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Tgt Ion:117 Resp: 32730
Ion Ratio Lower Upper
117 100
201 65.4 33.0 98.9





#87

1,2-Dichlorobenzene

Concen: 21.427 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

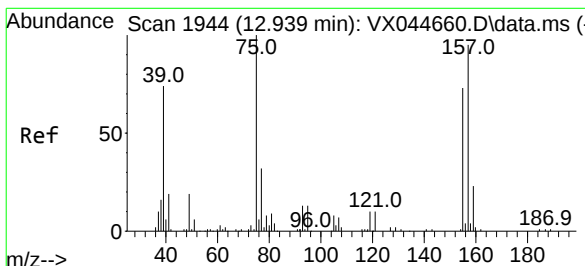
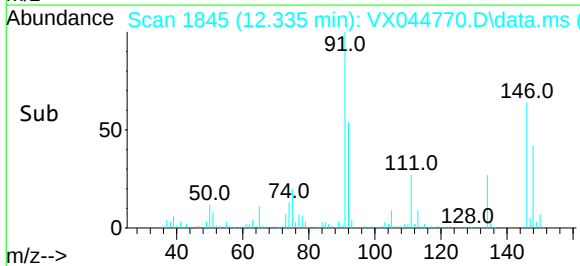
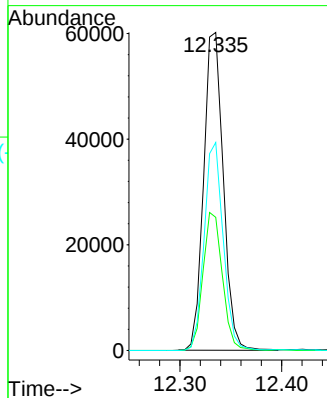
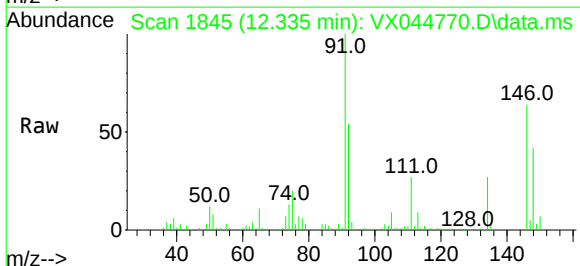
Tgt Ion:	146	Resp:	80690
Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.2	66.6
148	63.2	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.531 ug/l

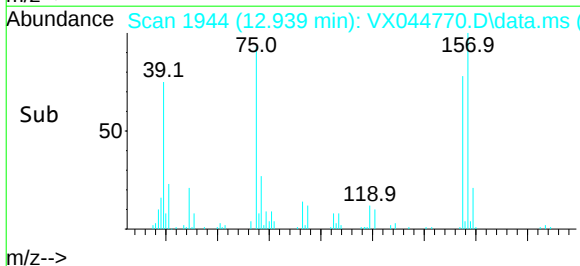
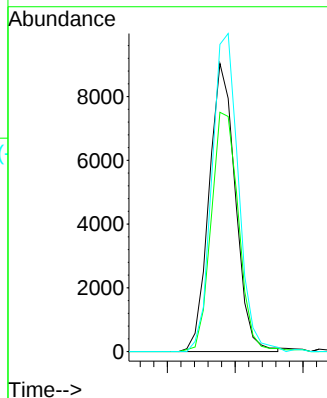
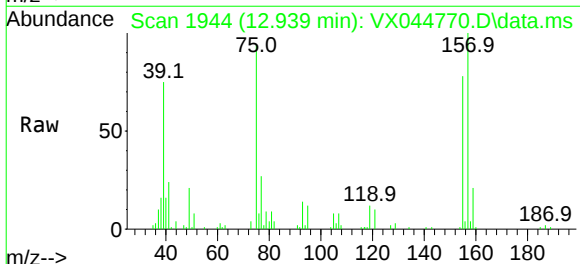
RT: 12.939 min Scan# 1944

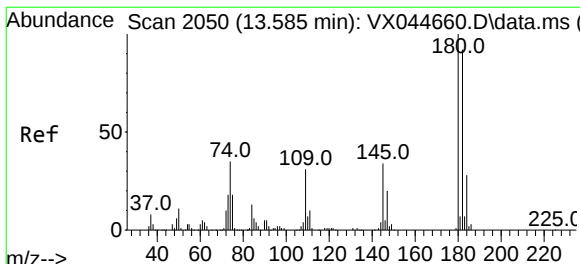
Delta R.T. 0.000 min

Lab File: VX044770.D

Acq: 30 Jan 2025 09:55

Tgt Ion:	75	Resp:	12199
Ion	Ratio	Lower	Upper
75	100		
155	84.3	62.3	93.5
157	110.7	79.9	119.9





#89
1,2,4-Trichlorobenzene
Concen: 20.546 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

Instrument :

MSVOA_X

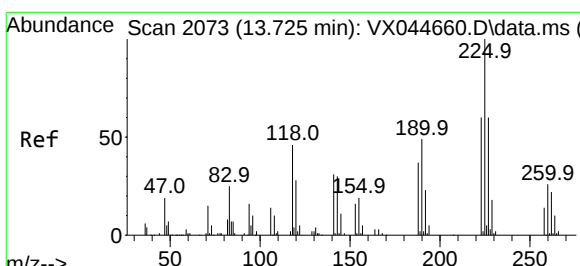
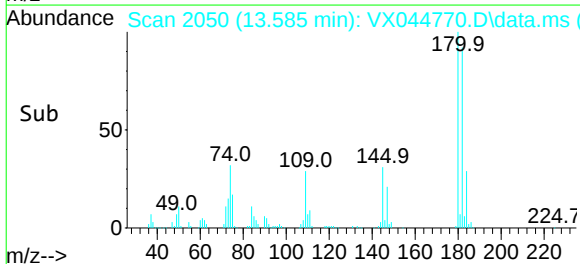
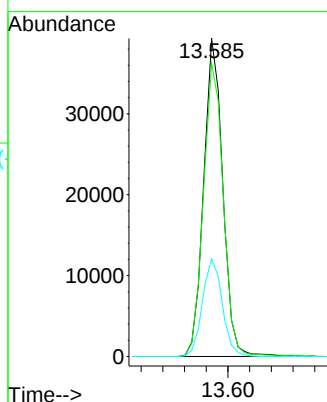
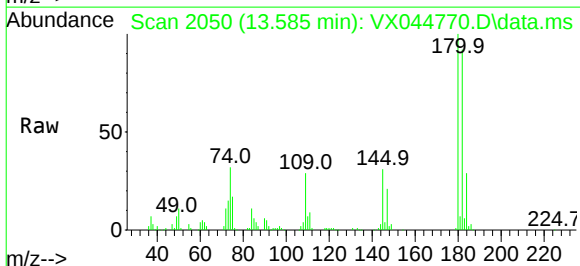
ClientSampleId :

VX0130WBS01

Tgt Ion:	180	Resp:	48084
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.6	113.4
145	31.8	26.6	40.0

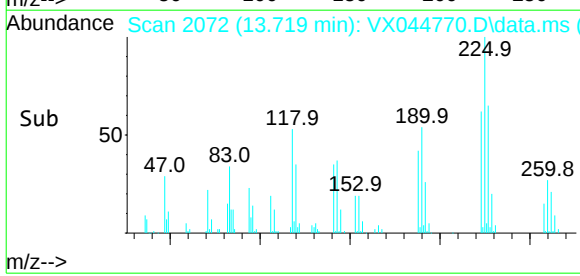
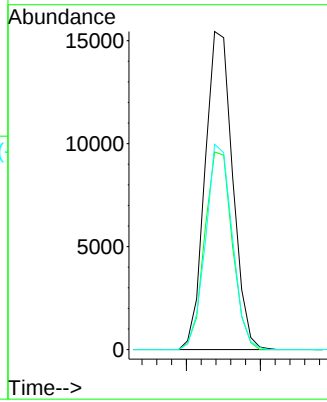
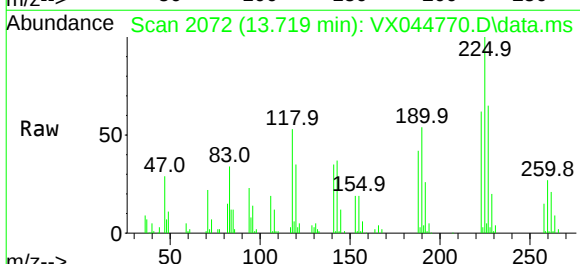
Manual Integrations
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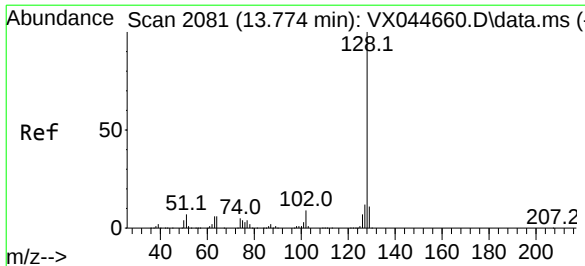
Reviewed By :John Carlone 01/30/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#90
Hexachlorobutadiene
Concen: 22.162 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

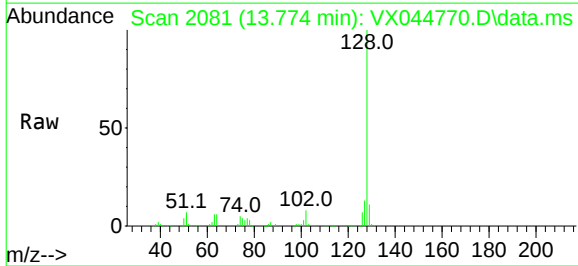
Tgt Ion:	225	Resp:	20062
Ion Ratio	Lower	Upper	
225	100		
223	61.8	0.0	123.0
227	62.5	0.0	124.2





#91
Naphthalene
Concen: 20.267 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55

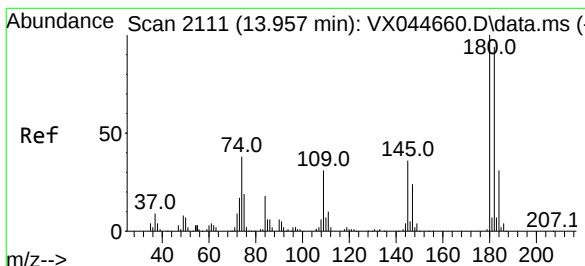
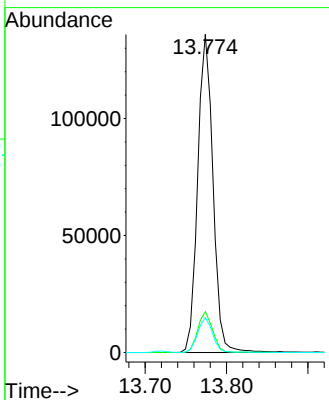
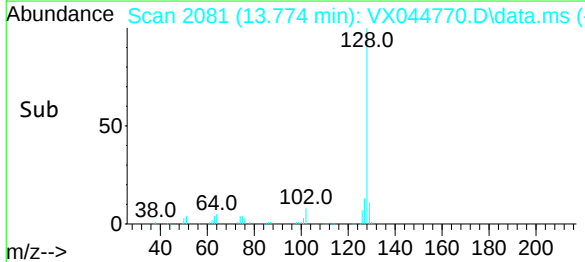
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01



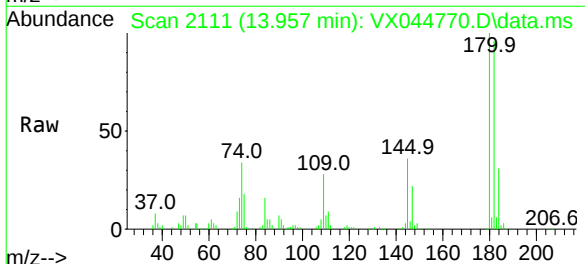
Tgt Ion:128 Resp: 177451
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.6 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.640 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044770.D
Acq: 30 Jan 2025 09:55



Tgt Ion:180 Resp: 49129
Ion Ratio Lower Upper
180 100
182 94.8 0.0 187.8
145 33.8 0.0 69.8

