

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044641.D
 Acq On : 09 Jan 2025 03:11
 Operator : JC/MD
 Sample : VX0108WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS02

Quant Time: Jan 09 03:51:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2025
 Supervised By : Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Bromochloromethane	4.897	128	29854	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	182022	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	139644	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	99146	30.334	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.100%			
60) 4-Bromofluorobenzene	11.079	95	79432	30.468	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.567%			
63) Toluene-d8	8.647	98	240444	30.795	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	55153	20.458	ug/l	99
3) Chloromethane	1.294	50	53397	19.734	ug/l	93
4) Vinyl Chloride	1.374	62	50534	19.826	ug/l	95
5) Bromomethane	1.599	94	25586	19.916	ug/l	97
6) Chloroethane	1.666	64	32344	22.674	ug/l	99
7) Trichlorofluoromethane	1.874	101	76310	19.478	ug/l	95
8) Diethyl Ether	2.136	74	28780	19.114	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	41823	19.867	ug/l	98
10) 1,1-Dichloroethene	2.313	96	41475	20.036	ug/l	92
11) Methyl Iodide	2.447	142	56754	19.616	ug/l	99
12) Methyl Acetate	2.703	43	57302	19.612	ug/l	96
13) Acrolein	2.233	56	51826	96.653	ug/l	98
14) Acrylonitrile	3.062	53	106584	97.067	ug/l	98
15) Acetone	2.380	58	28614	102.541	ug/l	97
16) Carbon Disulfide	2.508	76	86547	19.071	ug/l	100
17) Allyl chloride	2.660	41	69792	19.555	ug/l	99
18) Methylene Chloride	2.788	84	46805	19.515	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	40145	18.945	ug/l	98
20) Diisopropyl ether	3.757	45	148822	19.848	ug/l #	96
21) 1,1-Dichloroethane	3.605	63	83768	19.820	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	52267	20.023	ug/l	99
23) tert-Butyl Alcohol	2.995	59	40649	97.828	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	147267	19.790	ug/l	99
25) Chloroform	5.093	83	91761	20.238	ug/l	100
26) Cyclohexane	5.471	56	66352	19.842	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	58214	17.743	ug/l	98
30) 2-Butanone	4.562	43	150440	88.319	ug/l	99
31) 2,2-Dichloropropane	4.471	77	65745	17.128	ug/l #	76
32) 1,1,1-Trichloroethane	5.379	97	76928	16.991	ug/l	98
33) Carbon Tetrachloride	5.666	117	61634	16.716	ug/l	90
34) Benzene	6.031	78	183113	17.910	ug/l	98
35) Methacrylonitrile	4.922	41	36421	18.192	ug/l	98
36) 1,2-Dichloroethane	6.080	62	77080	18.040	ug/l	99
37) Trichloroethene	7.123	130	51161	20.017	ug/l	91
38) Methylcyclohexane	7.379	83	80809	19.763	ug/l	96
39) 1,2-Dichloropropane	7.427	63	49599	19.522	ug/l	90
40) Dibromomethane	7.574	93	38051	19.095	ug/l	96
41) Bromodichloromethane	7.818	83	67647	18.075	ug/l	99
42) Vinyl Acetate	3.715	43	612920	85.540	ug/l	100

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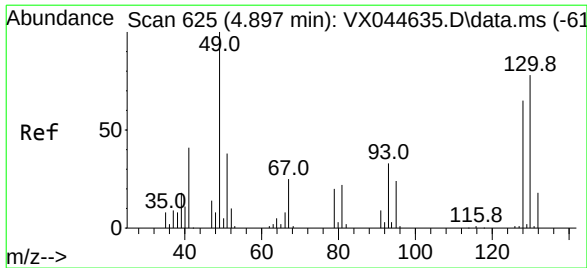
Quant Time: Jan 09 03:51:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
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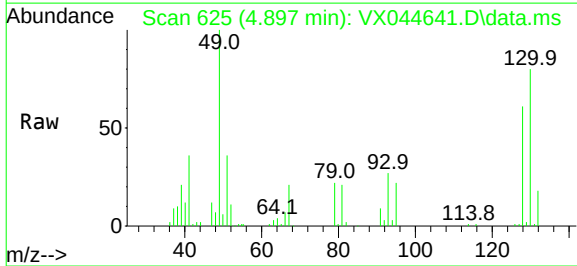
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	63512m	17.914	ug/l	
44) Isopropyl Acetate	6.336	43	105403	17.886	ug/l	95
45) 1,4-Dioxane	7.665	88	15649	378.985	ug/l #	90
46) Methyl methacrylate	7.690	41	52523	18.281	ug/l	93
47) n-amyl Acetate	10.841	43	79583	16.654	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	59174	16.336	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	70981	17.163	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	41935	16.601	ug/l	97
51) Ethyl methacrylate	9.116	69	64562	16.733	ug/l	99
52) 1,3-Dichloropropane	9.305	76	74337	17.172	ug/l	99
53) Dibromochloromethane	9.519	129	43551	16.574	ug/l	98
54) 1,2-Dibromoethane	9.604	107	44732	17.210	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	146935	77.287	ug/l	99
56) Bromoform	10.799	173	24633	15.201	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	315051	110.624	ug/l	99
59) 2-Hexanone	9.427	43	219306	111.495	ug/l	99
61) Tetrachloroethene	9.269	164	38685	21.564	ug/l	95
62) Toluene	8.714	91	193983	21.109	ug/l	100
64) Chlorobenzene	10.079	112	117917	20.671	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	39871	20.587	ug/l	99
66) Ethyl Benzene	10.189	91	207853	21.036	ug/l	97
67) m/p-Xylenes	10.299	106	151184	40.692	ug/l	99
68) o-Xylene	10.640	106	77273	21.309	ug/l	98
69) Styrene	10.652	104	123068	20.434	ug/l	99
70) Isopropylbenzene	10.957	105	193119	20.661	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	62158	21.363	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	52276m	20.598	ug/l	
73) Bromobenzene	11.195	156	46327	21.084	ug/l	98
74) n-propylbenzene	11.299	91	214235	20.221	ug/l	100
75) 2-Chlorotoluene	11.360	91	140222	21.058	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	162443	20.905	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	15367	19.053	ug/l	96
78) 4-Chlorotoluene	11.451	91	156157	21.116	ug/l	99
79) tert-butylbenzene	11.713	119	162017	21.232	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	161937	21.146	ug/l	99
81) sec-Butylbenzene	11.890	105	191852	20.780	ug/l	99
82) p-Isopropyltoluene	12.006	119	159544	20.784	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	81668	20.543	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	80995	20.370	ug/l	97
85) n-Butylbenzene	12.329	91	139011	21.275	ug/l	99
86) Hexachloroethane	12.536	117	24599	20.339	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	88965	21.941	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12283	21.942	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	53498	22.988	ug/l	98
90) Hexachlorobutadiene	13.725	225	22078	23.421	ug/l	96
91) Naphthalene	13.774	128	191089	24.261	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	56252	23.526	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 62
Delta R.T. 0.000 min
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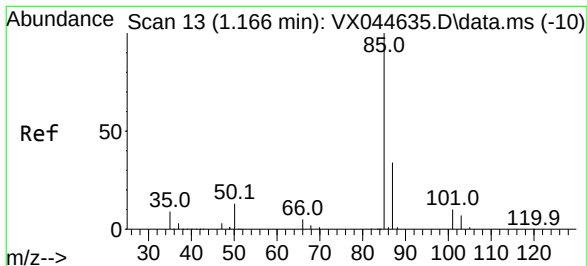
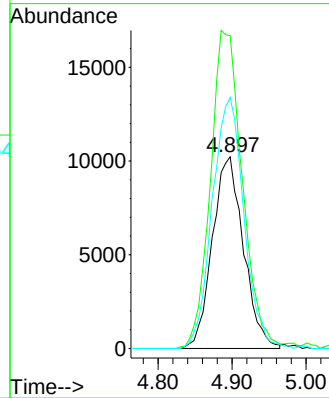
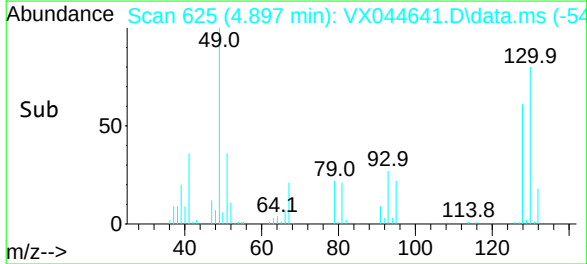
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion:128 Resp: 29854
Ion Ratio Lower Upper
128 100
49 169.2 0.0 425.8
130 133.4 0.0 319.8

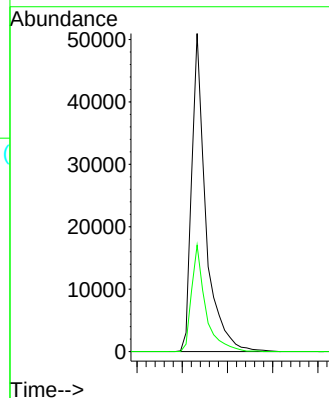
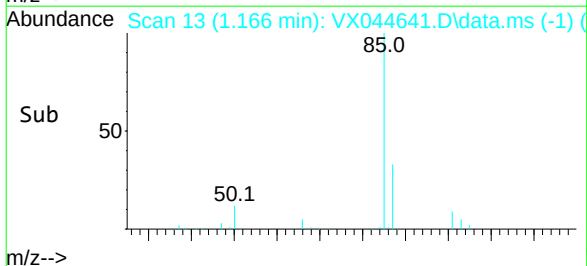
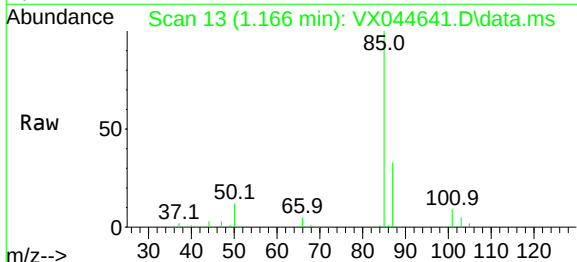
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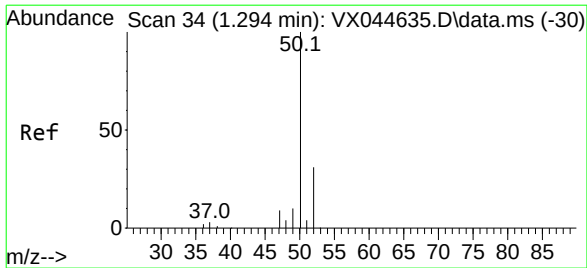
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 20.458 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

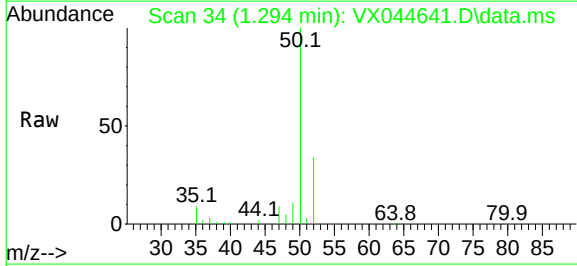
Tgt Ion: 85 Resp: 55153
Ion Ratio Lower Upper
85 100
87 33.5 17.0 51.0





#3
Chloromethane
Concen: 19.734 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

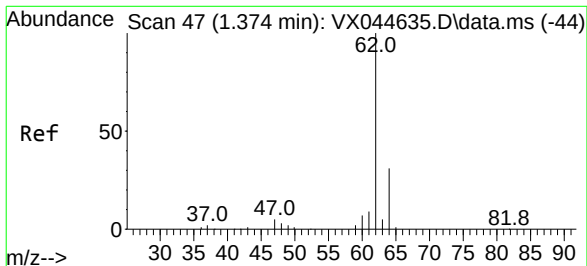
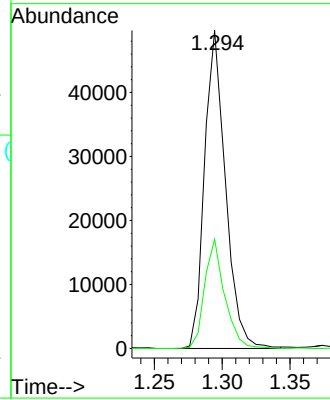
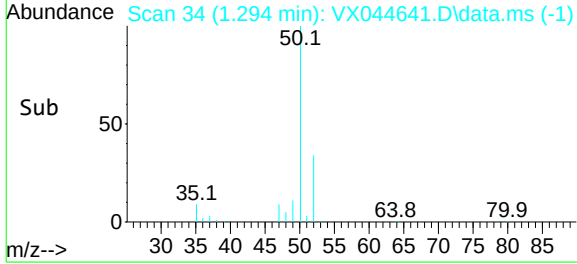
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 50 Resp: 53397
Ion Ratio Lower Upper
50 100
52 34.4 24.5 36.7

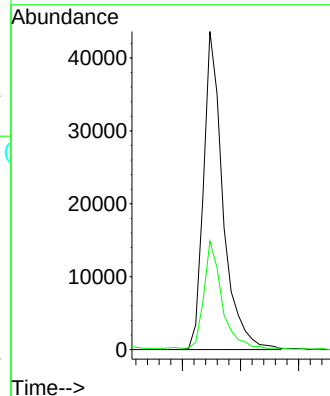
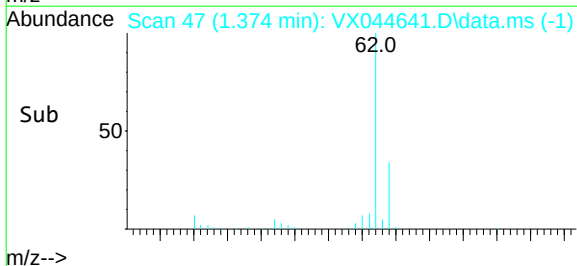
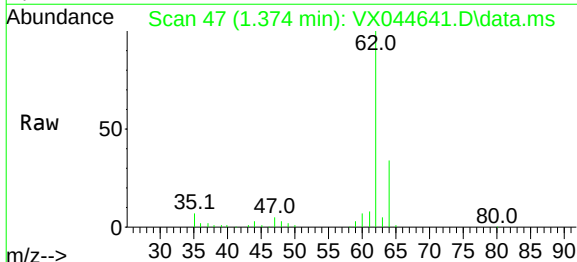
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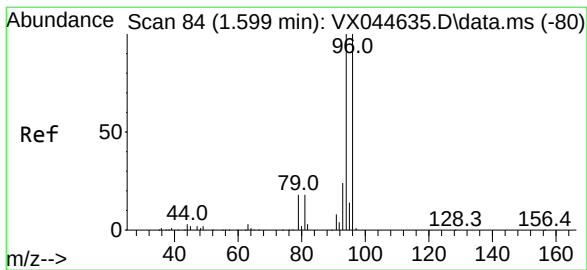
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 19.826 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 62 Resp: 50534
Ion Ratio Lower Upper
62 100
64 33.7 24.7 37.1





#5

Bromomethane

Concen: 19.916 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX044641.D

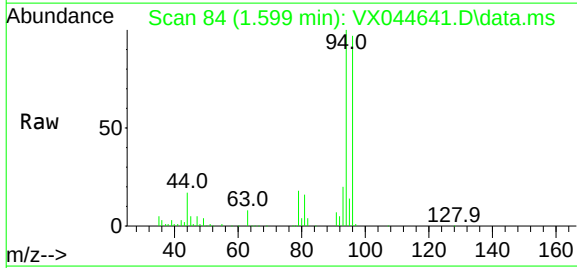
Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02



Tgt Ion: 94 Resp: 25586

Ion Ratio Lower Upper

94 100

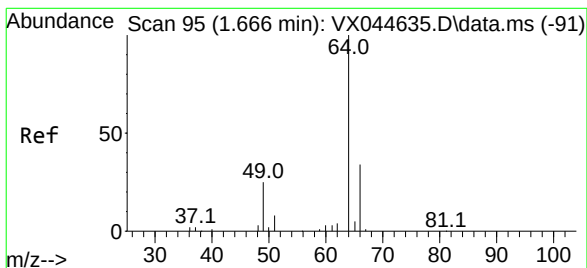
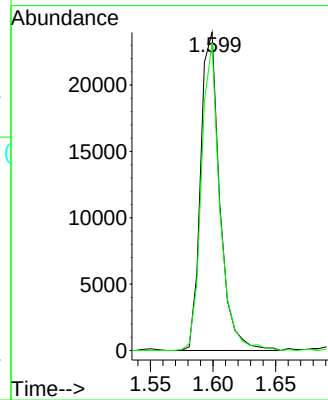
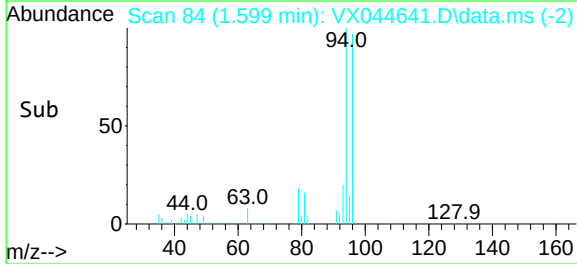
96 96.6 79.9 119.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/09/2025



#6

Chloroethane

Concen: 22.674 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044641.D

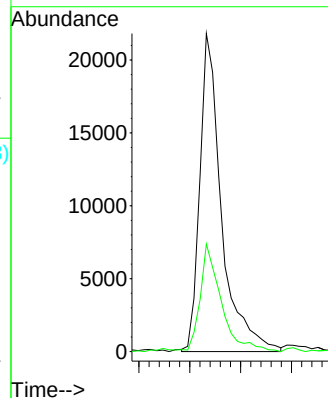
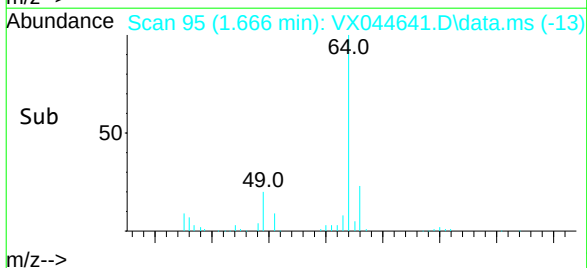
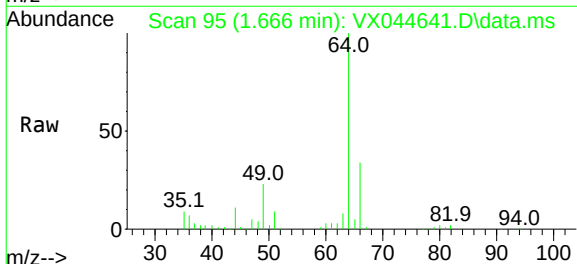
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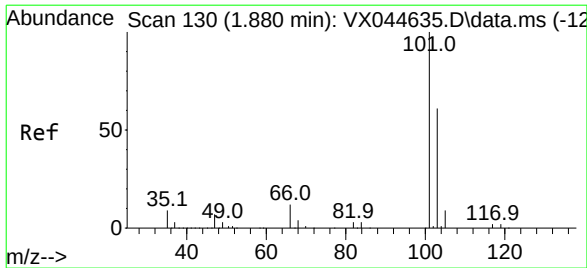
Tgt Ion: 64 Resp: 32344

Ion Ratio Lower Upper

64 100

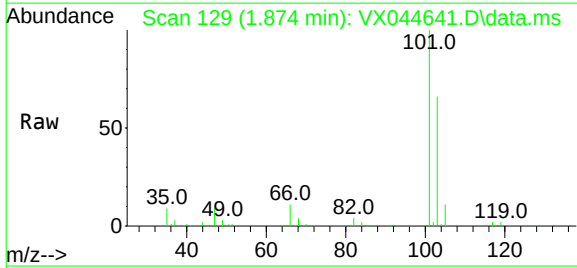
66 34.1 26.9 40.3





#7
Trichlorofluoromethane
Concen: 19.478 ug/l
RT: 1.874 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

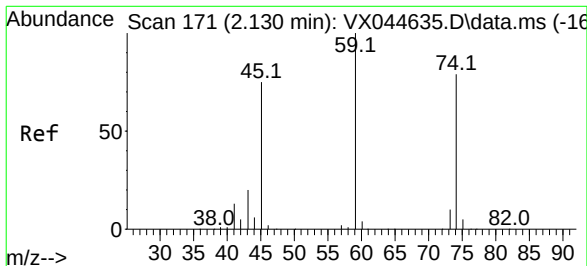
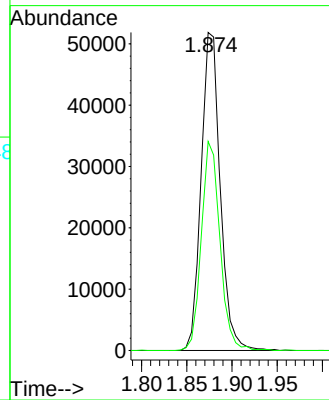
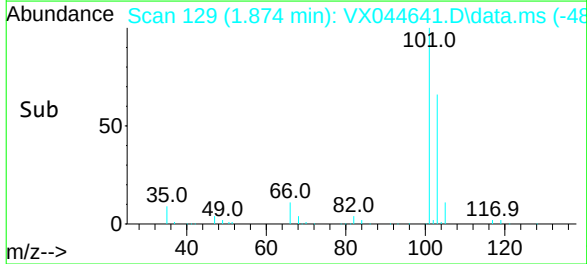
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Tgt Ion:101 Resp: 76310
Ion Ratio Lower Upper
101 100
103 65.7 49.2 73.8

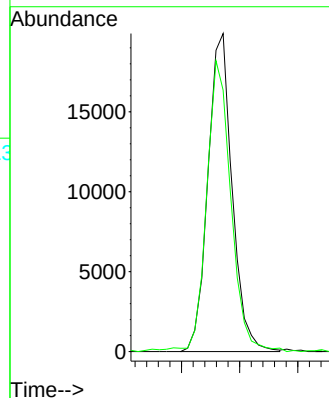
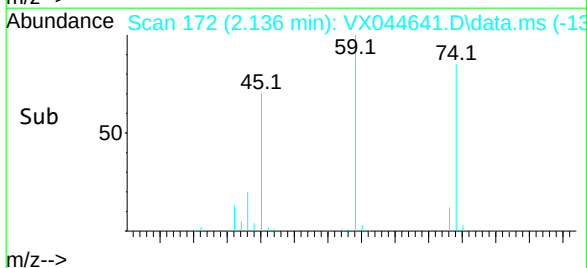
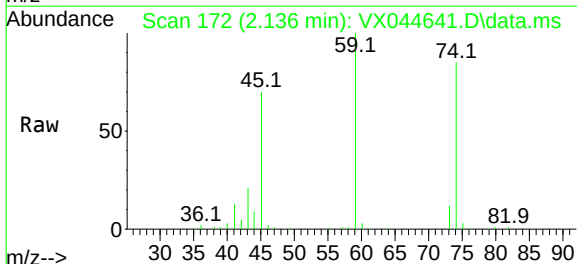
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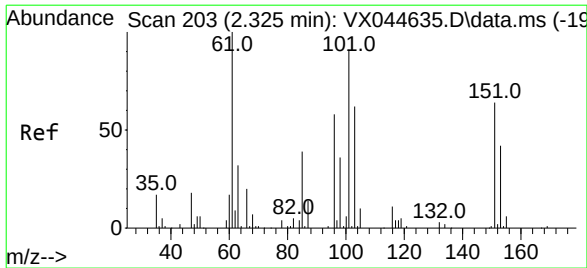
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#8
Diethyl Ether
Concen: 19.114 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

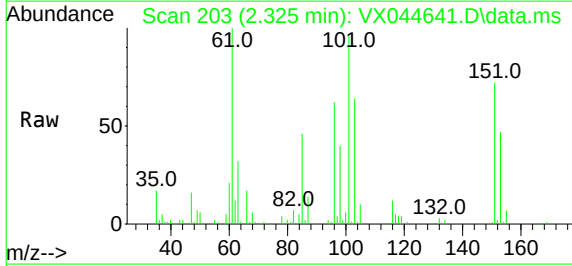
Tgt Ion: 74 Resp: 28780
Ion Ratio Lower Upper
74 100
45 90.5 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.867 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

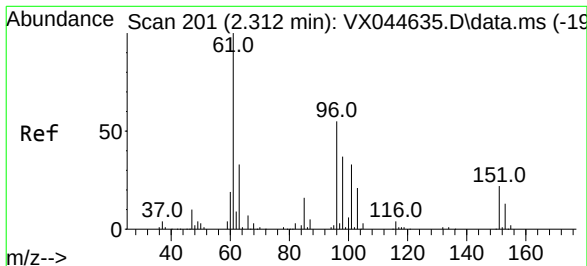
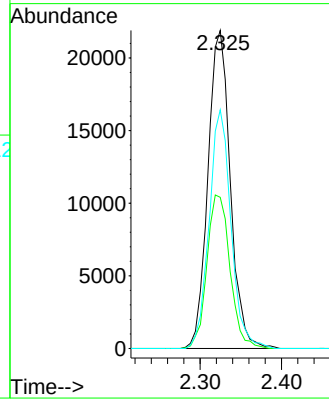
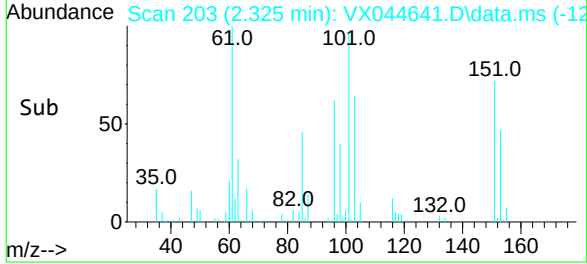
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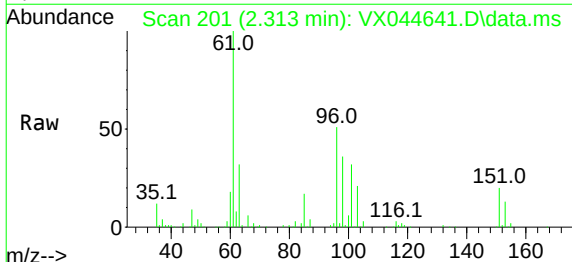
Tgt Ion: 101 Resp: 41823
Ion Ratio Lower Upper
101 100
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151 73.5 0.0 146.2

Manual Integrations
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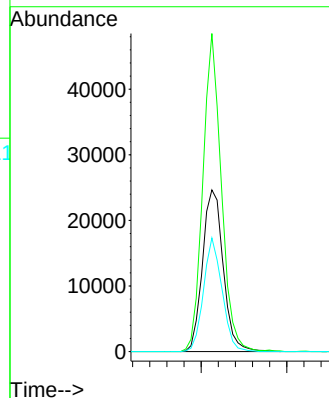
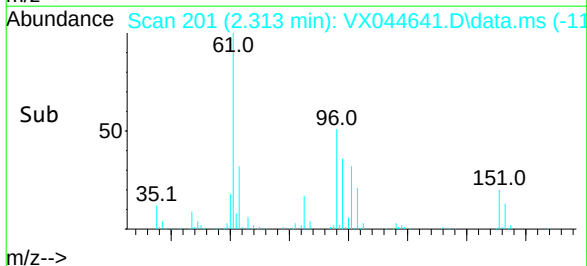
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

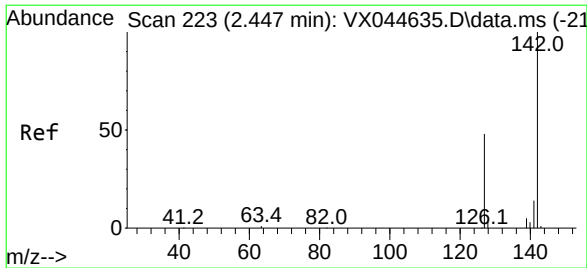


#10
1,1-Dichloroethene
Concen: 20.036 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



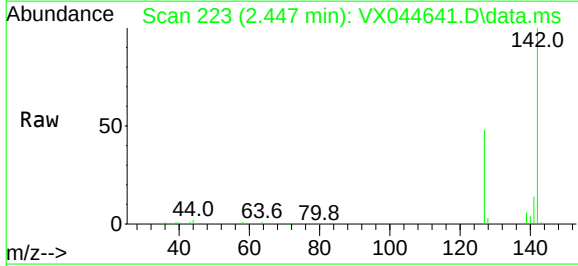
Tgt Ion: 96 Resp: 41475
Ion Ratio Lower Upper
96 100
61 196.7 146.0 219.0
98 70.3 54.6 81.8





#11
Methyl Iodide
Concen: 19.616 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

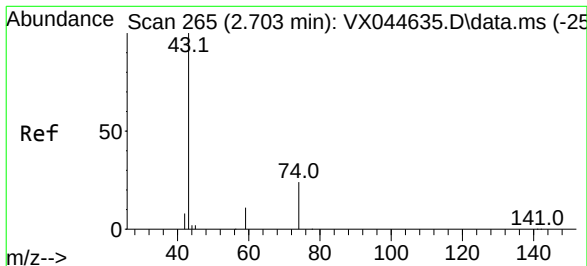
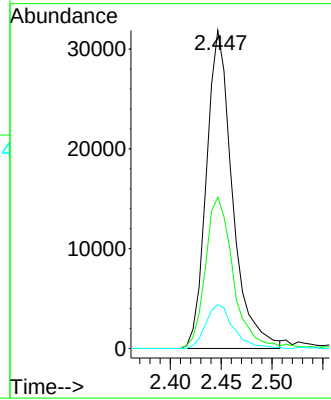
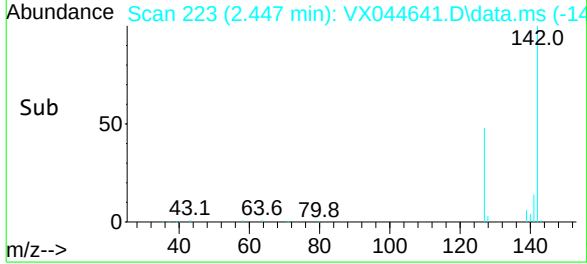
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 142 Resp: 56754
Ion Ratio Lower Upper
142 100
127 47.7 24.1 72.2
141 13.8 7.0 20.9

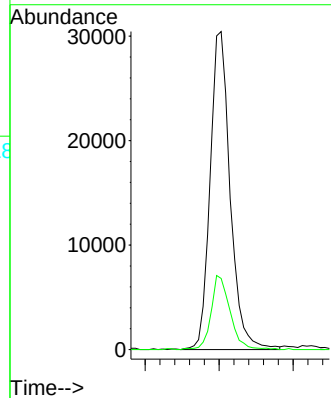
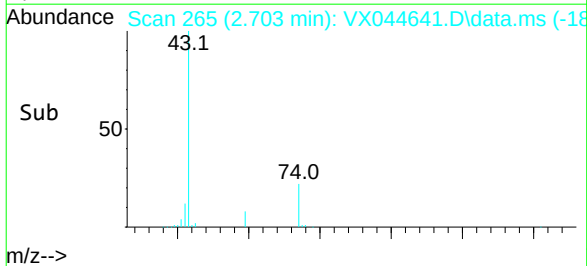
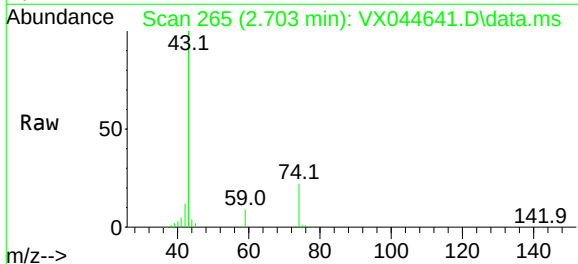
Manual Integrations
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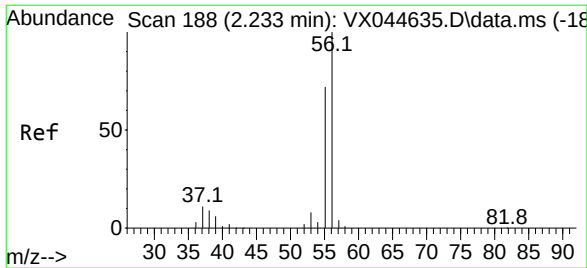
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 19.612 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 43 Resp: 57302
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.0





#13

Acrolein

Concen: 96.653 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 56 Resp: 51826

Ion Ratio Lower Upper

56 100

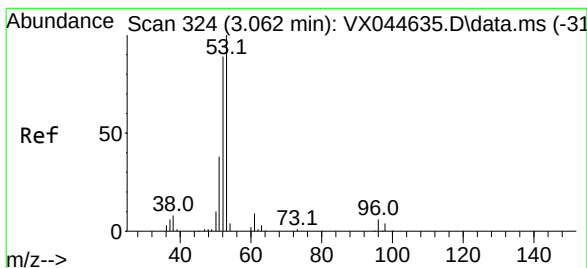
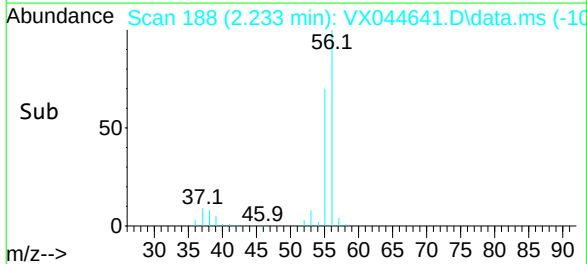
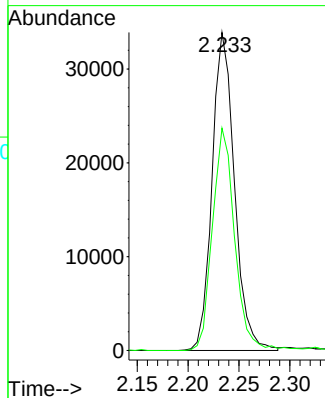
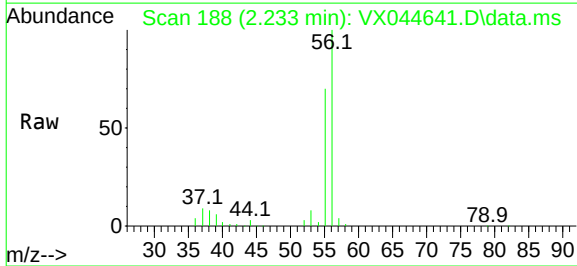
55 69.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 97.067 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

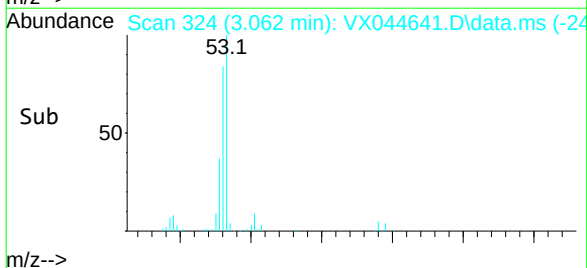
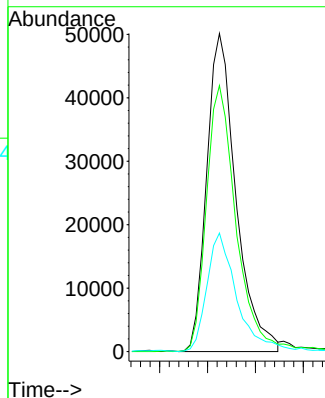
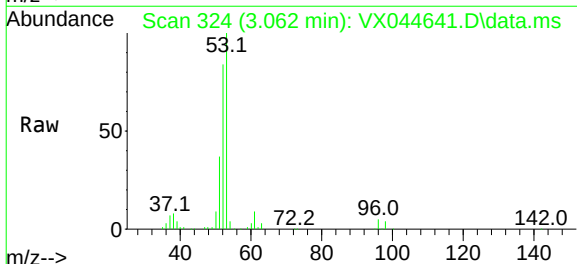
Tgt Ion: 53 Resp: 106584

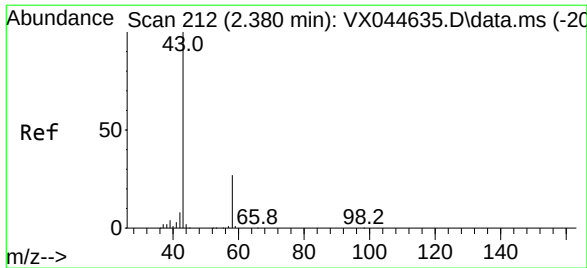
Ion Ratio Lower Upper

53 100

52 84.5 41.5 124.6

51 38.0 18.4 55.4





#15

Acetone

Concen: 102.541 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 58 Resp: 28614

Ion Ratio Lower Upper

58 100

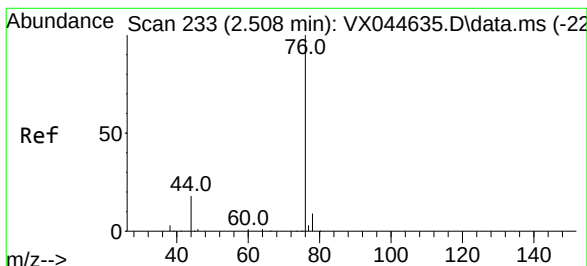
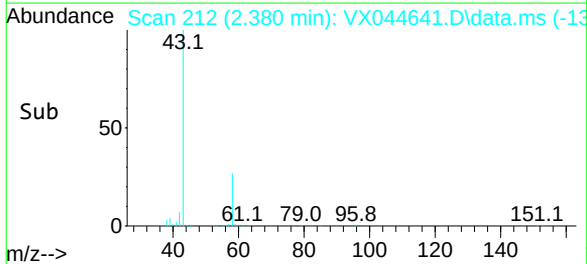
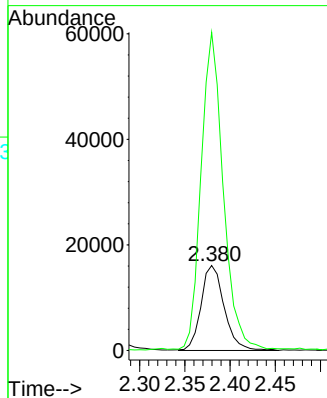
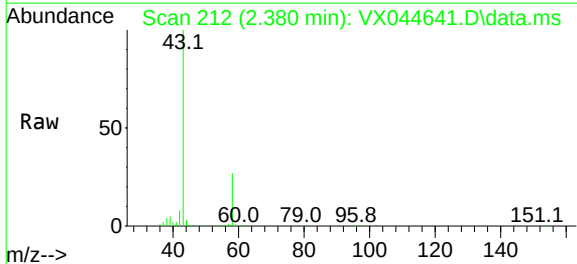
43 372.7 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 19.071 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044641.D

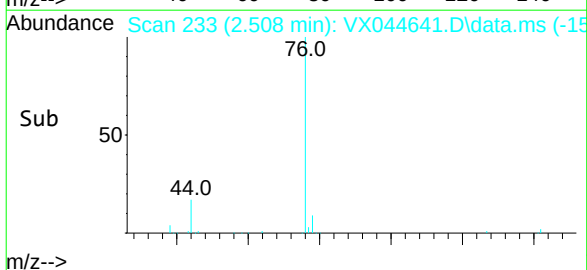
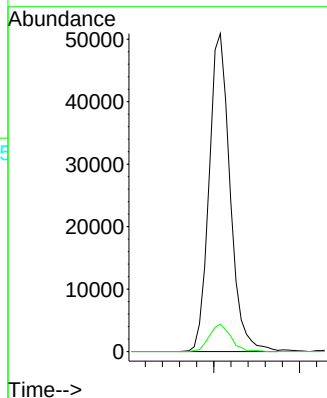
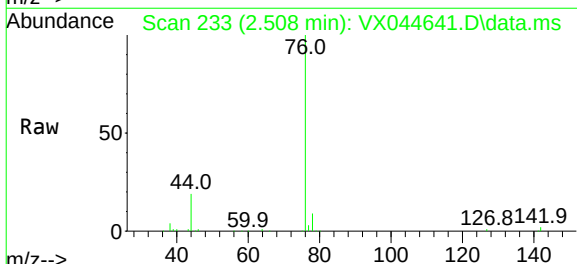
Acq: 09 Jan 2025 03:11

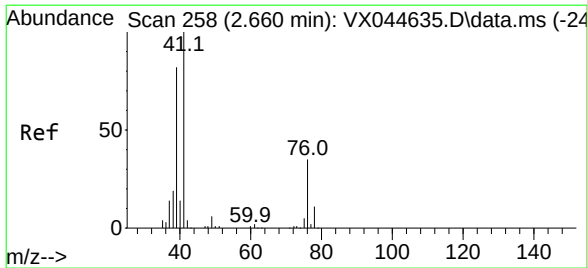
Tgt Ion: 76 Resp: 86547

Ion Ratio Lower Upper

76 100

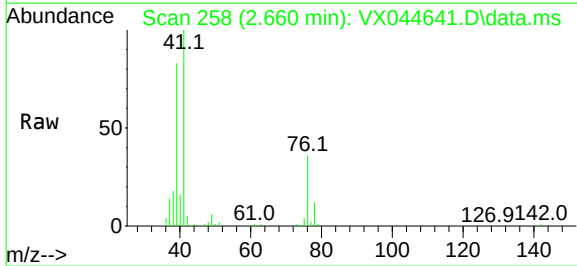
78 8.6 7.0 10.4





#17
 Allyl chloride
 Concen: 19.555 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044641.D
 Acq: 09 Jan 2025 03:11

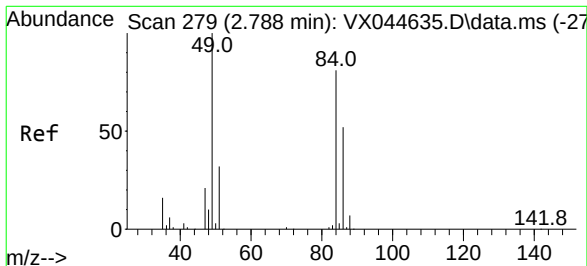
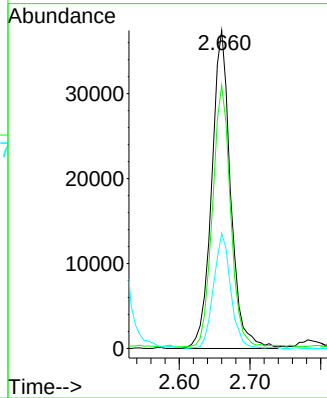
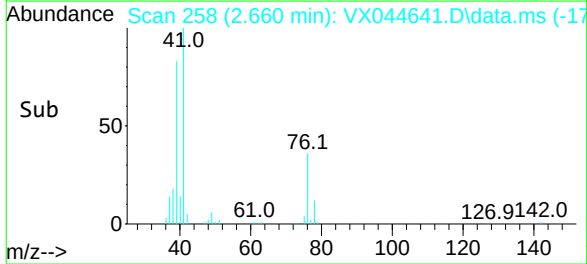
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS02



Tgt Ion: 41 Resp: 69792
 Ion Ratio Lower Upper
 41 100
 39 82.2 40.9 122.7
 76 35.9 17.4 52.2

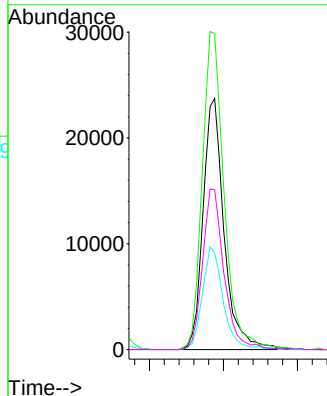
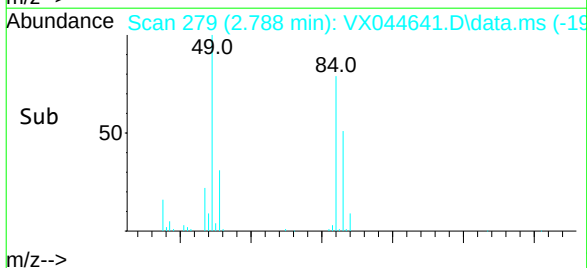
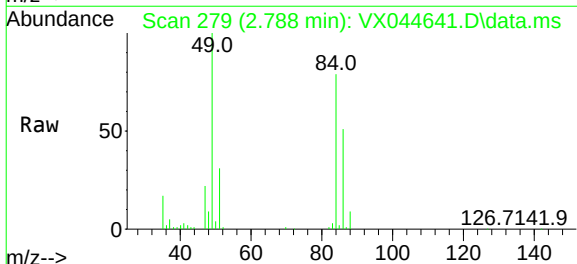
Manual Integrations
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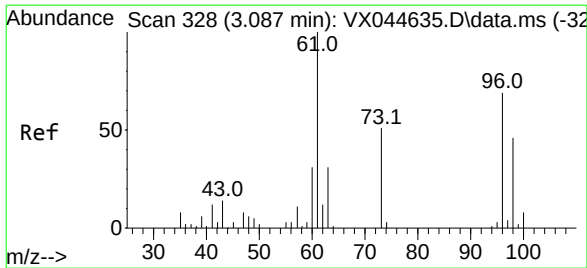
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 19.515 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX044641.D
 Acq: 09 Jan 2025 03:11

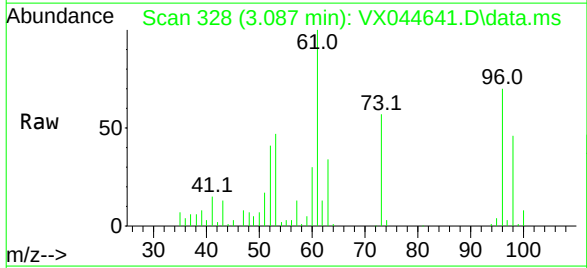
Tgt Ion: 84 Resp: 46805
 Ion Ratio Lower Upper
 84 100
 49 125.8 99.2 148.8
 51 38.5 31.7 47.5
 86 63.7 52.0 78.0





#19
trans-1,2-Dichloroethene
Concen: 18.945 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

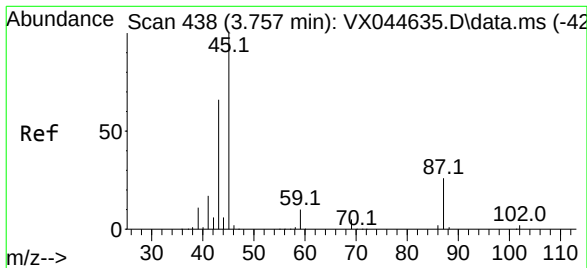
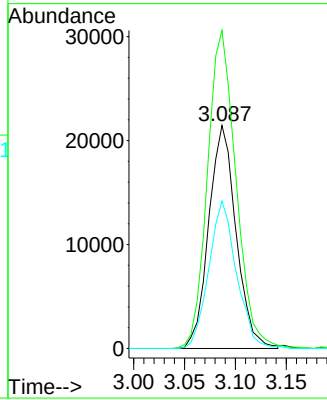
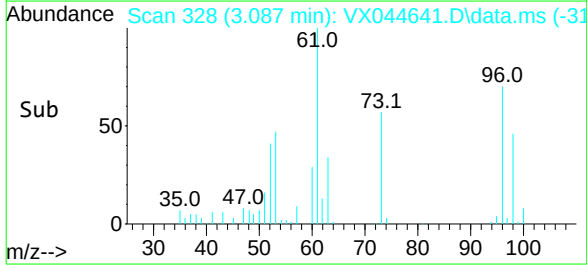
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



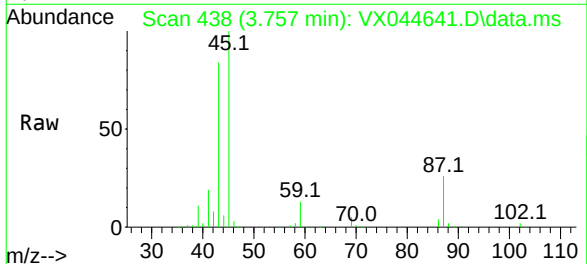
Tgt Ion: 96 Resp: 40145
Ion Ratio Lower Upper
96 100
61 142.0 116.6 175.0
98 66.1 53.3 79.9

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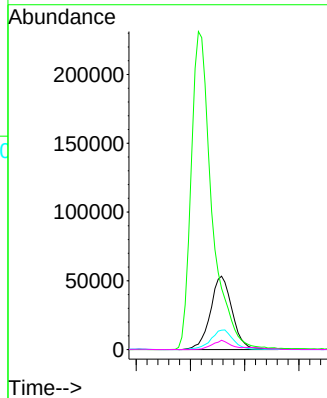
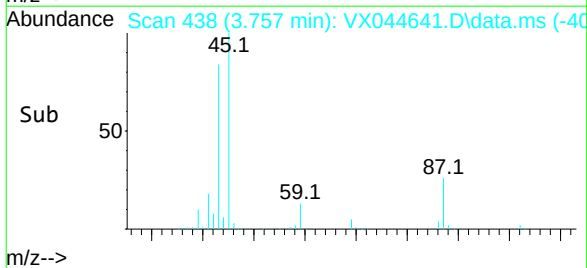
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

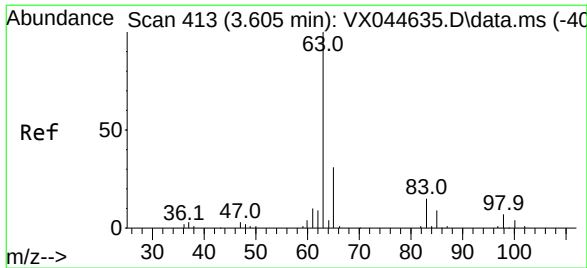


#20
Diisopropyl ether
Concen: 19.848 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



Tgt Ion: 45 Resp: 148822
Ion Ratio Lower Upper
45 100
43 82.0 62.0 93.0
87 26.5 20.6 30.8
59 12.7 8.4 12.6#





#21

1,1-Dichloroethane

Concen: 19.820 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

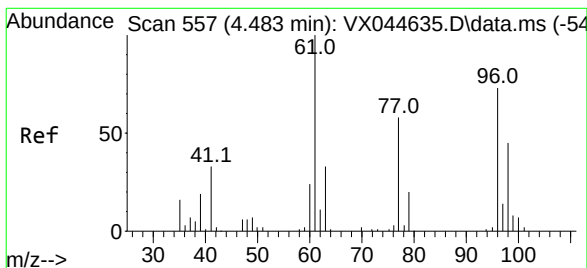
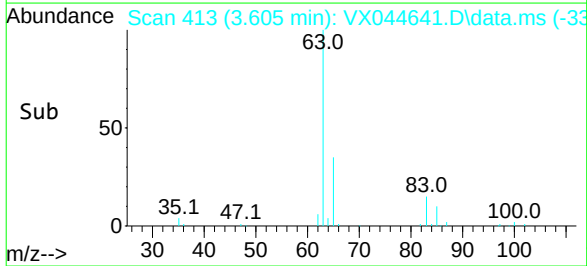
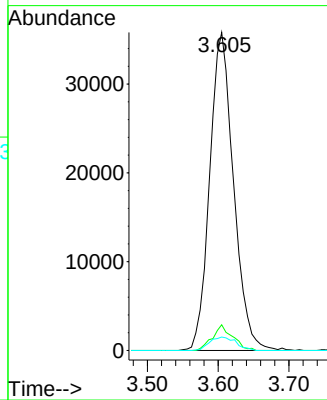
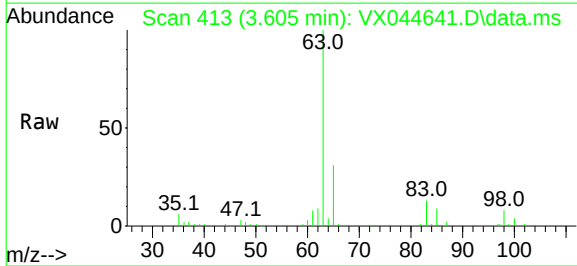
Tgt Ion:	63	Resp:	83768
Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.4	10.1
100	4.2	2.2	6.6

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 20.023 ug/l

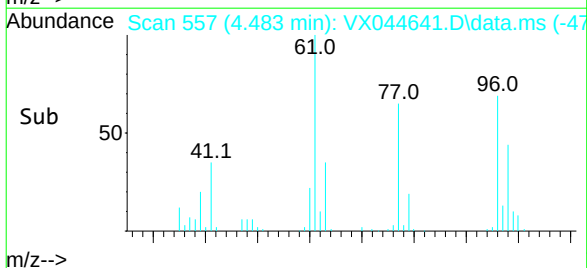
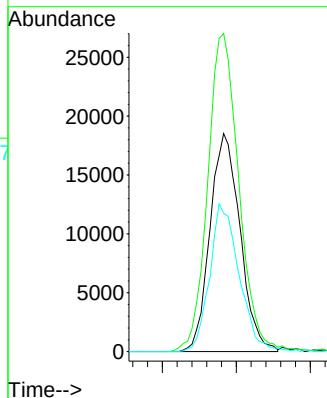
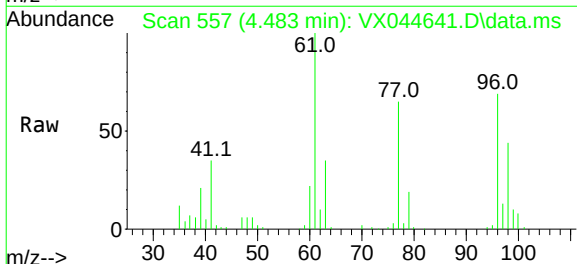
RT: 4.483 min Scan# 557

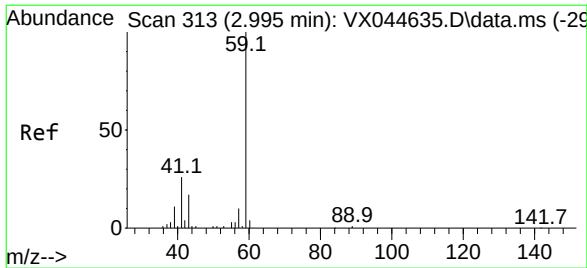
Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Tgt Ion:	96	Resp:	52267
Ion	Ratio	Lower	Upper
96	100		
61	150.6	119.8	179.8
98	66.2	51.6	77.4





#23

tert-Butyl Alcohol

Concen: 97.828 ug/l

RT: 2.995 min Scan# 313

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 59 Resp: 40649

Ion Ratio Lower Upper

59 100

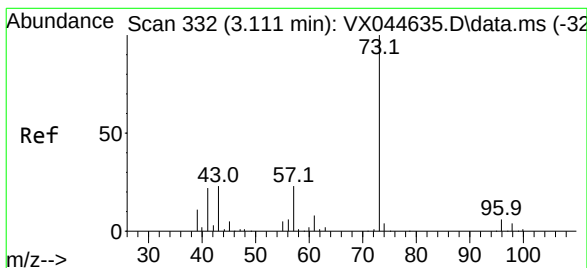
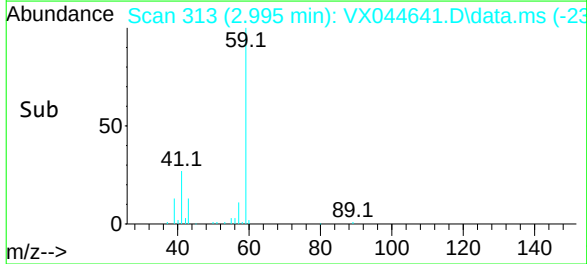
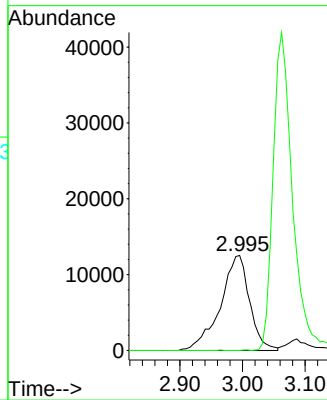
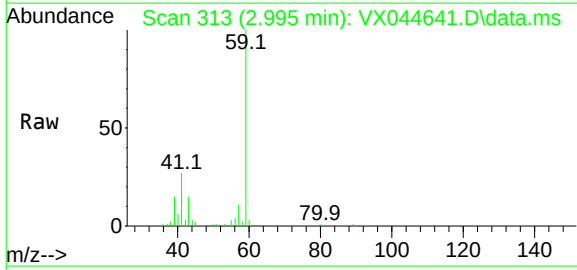
52 0.1 0.0 0.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

Methyl tert-Butyl Ether

Concen: 19.790 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044641.D

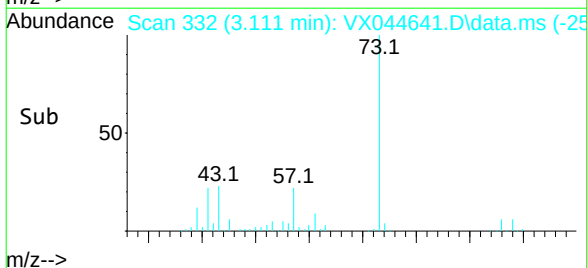
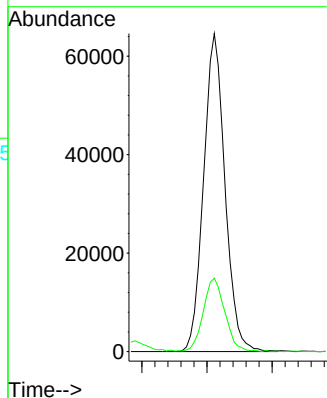
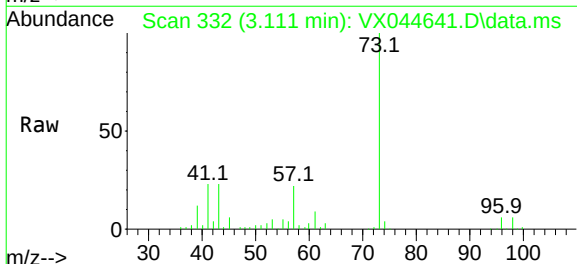
Acq: 09 Jan 2025 03:11

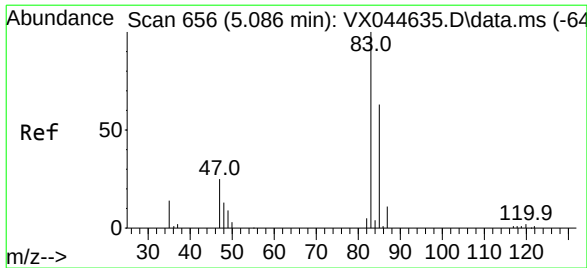
Tgt Ion: 73 Resp: 147267

Ion Ratio Lower Upper

73 100

43 23.2 18.3 27.5





#25

Chloroform

Concen: 20.238 ug/l

RT: 5.093 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 83 Resp: 91761

Ion Ratio Lower Upper

83 100

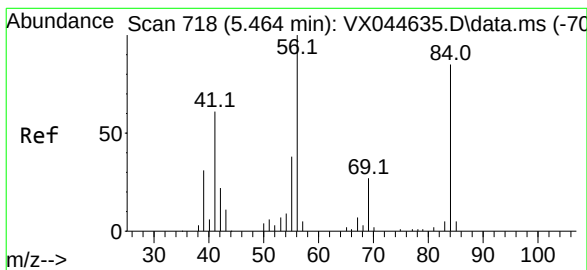
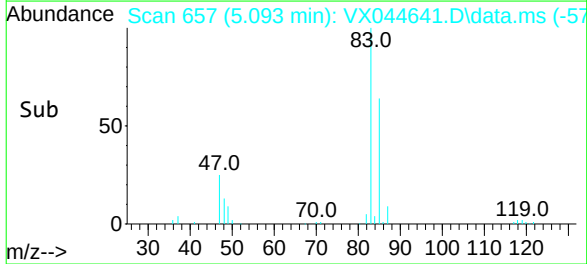
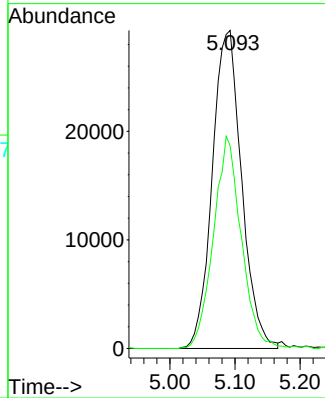
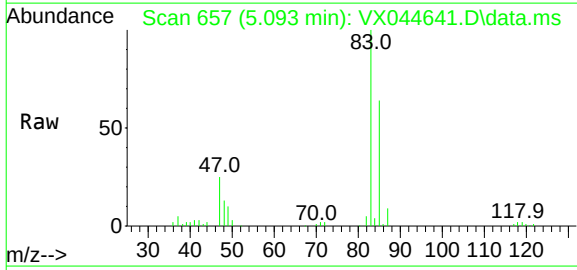
85 63.7 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 19.842 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

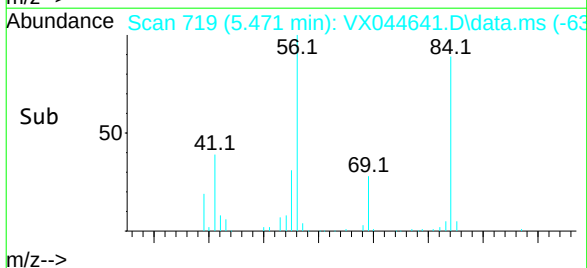
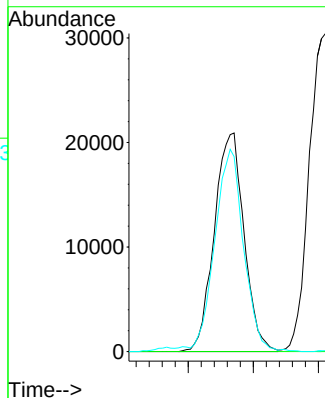
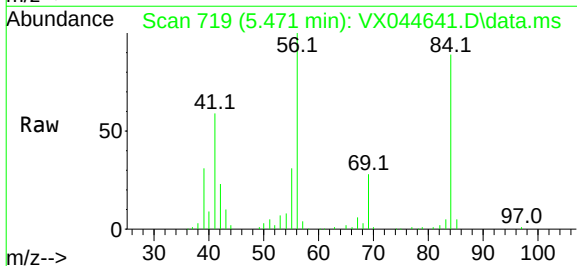
Tgt Ion: 56 Resp: 66352

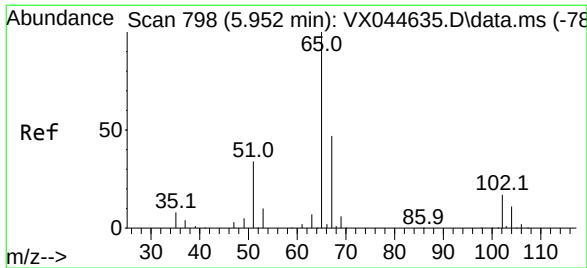
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.0 69.2 103.8





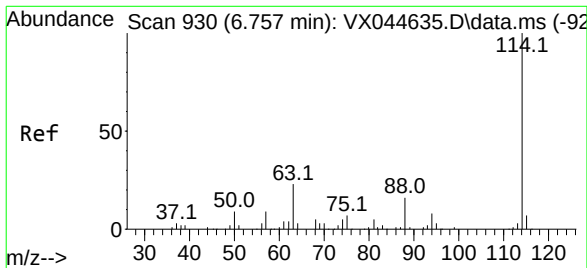
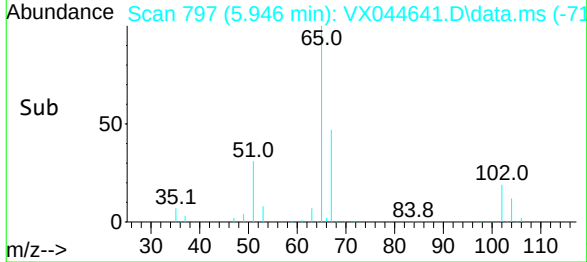
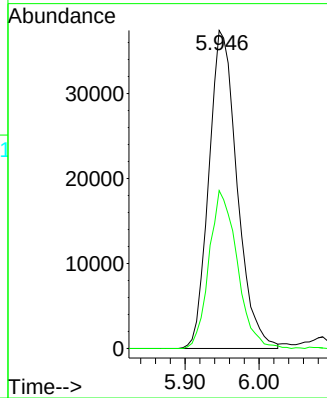
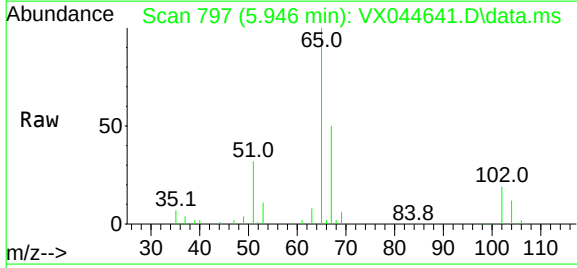
#27
1,2-Dichloroethane-d4
Concen: 30.334 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion: 65 Resp: 99146
Ion Ratio Lower Upper
65 100
67 49.5 39.1 58.7

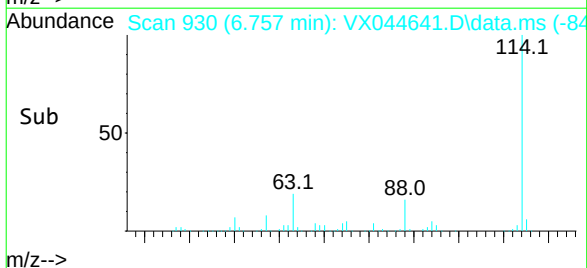
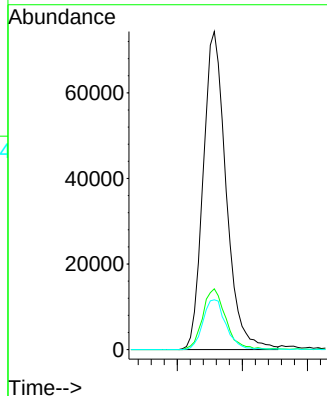
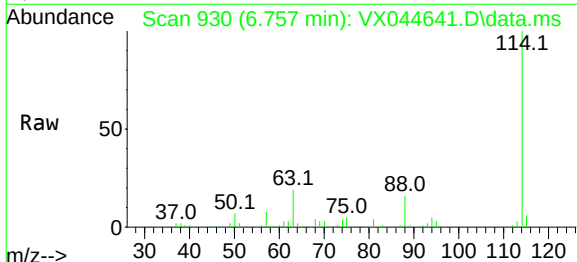
Manual Integrations
APPROVED

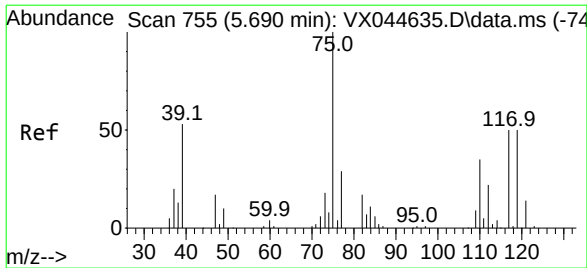
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

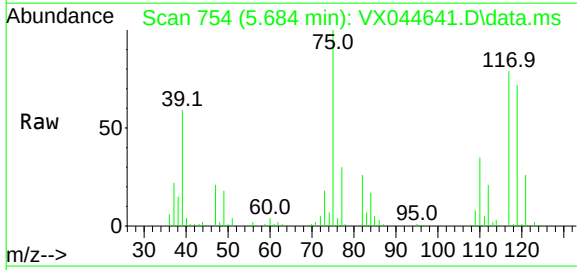
Tgt Ion:114 Resp: 182022
Ion Ratio Lower Upper
114 100
63 19.0 17.7 26.5
88 15.6 13.1 19.7





#29
1,1-Dichloropropene
Concen: 17.743 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

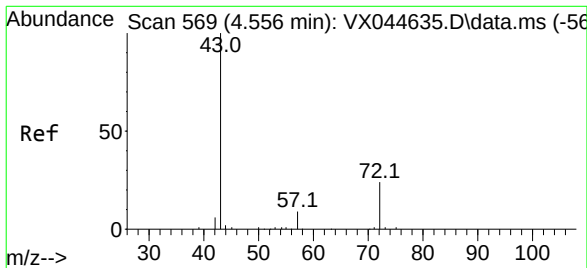
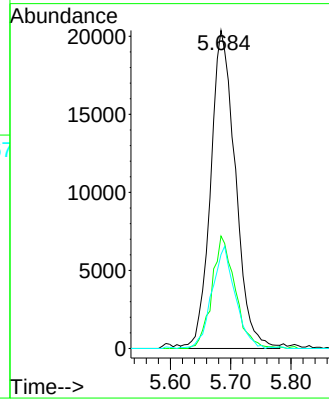
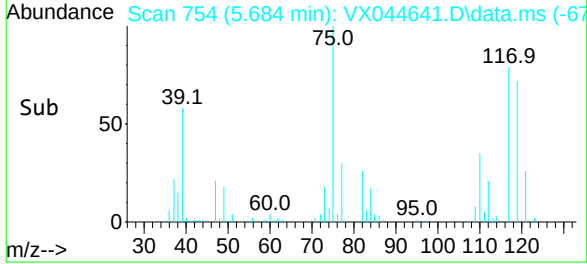
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 75 Resp: 58214
Ion Ratio Lower Upper
75 100
110 33.2 0.0 67.4
77 30.2 0.0 62.8

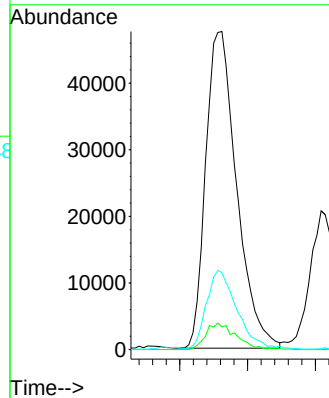
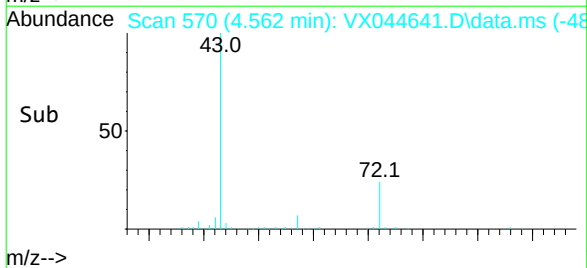
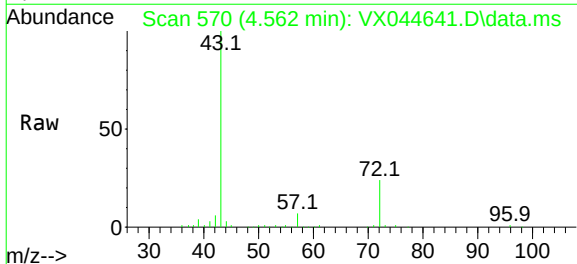
Manual Integrations
APPROVED

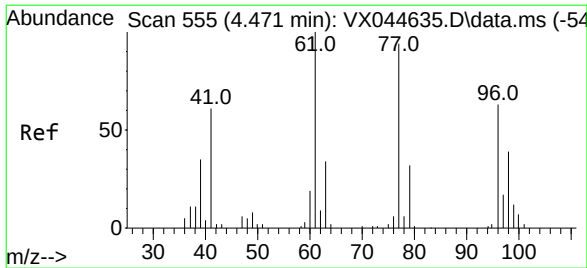
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 88.319 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 43 Resp: 150440
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 24.9 19.4 29.2





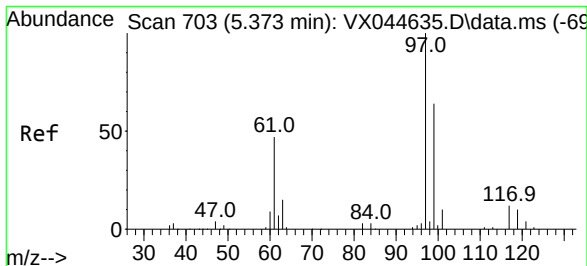
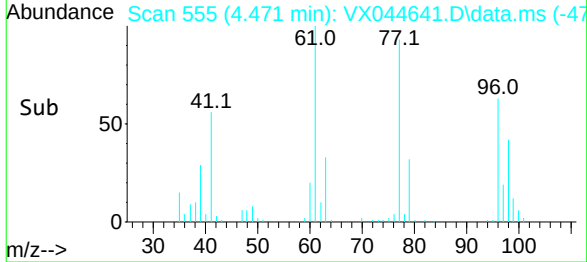
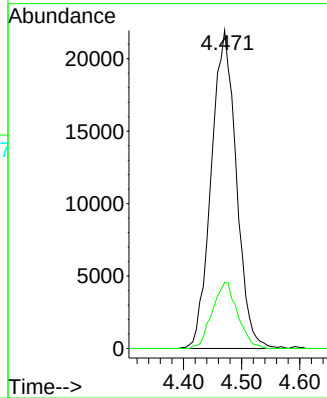
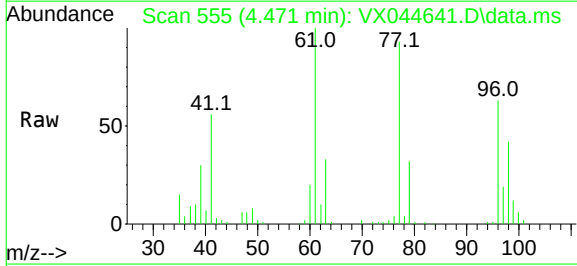
#31
2,2-Dichloropropane
Concen: 17.128 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion: 77 Resp: 65745
Ion Ratio Lower Upper
77 100
97 21.0 9.3 13.9#

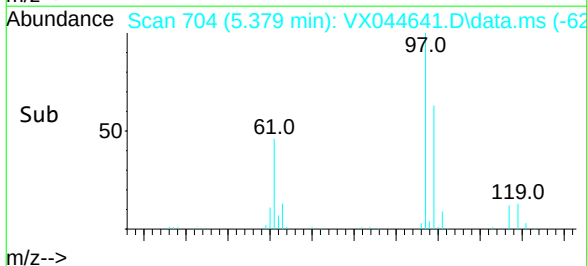
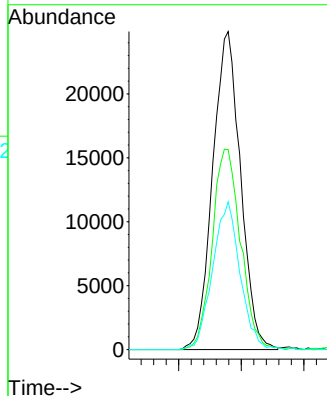
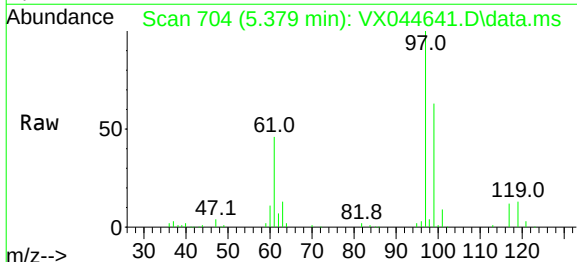
Manual Integrations
APPROVED

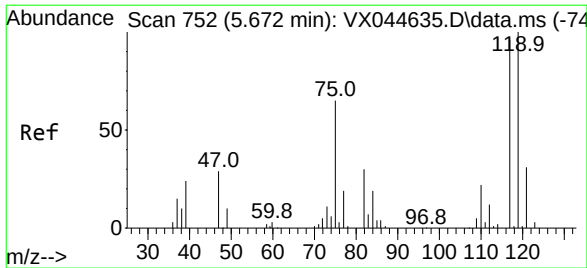
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 16.991 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

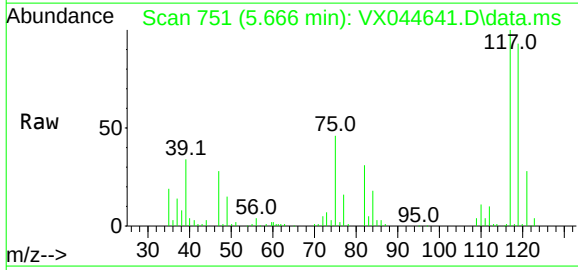
Tgt Ion: 97 Resp: 76928
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.4
61 45.4 37.4 56.0





#33
Carbon Tetrachloride
Concen: 16.716 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

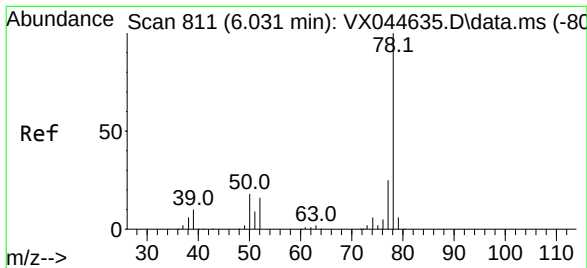
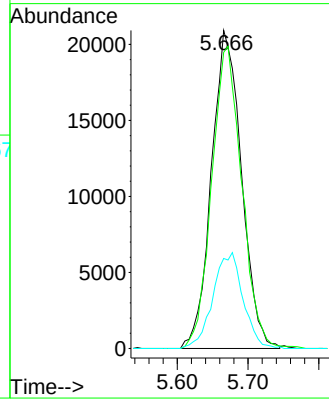
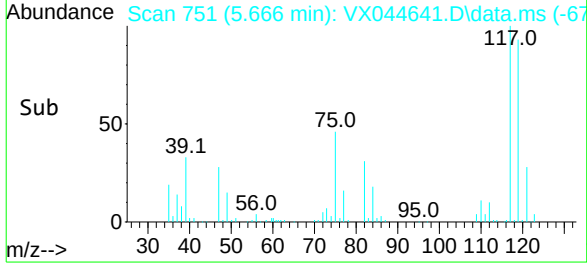
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 117 Resp: 61634
Ion Ratio Lower Upper
117 100
119 93.1 83.0 124.6
121 28.3 25.6 38.4

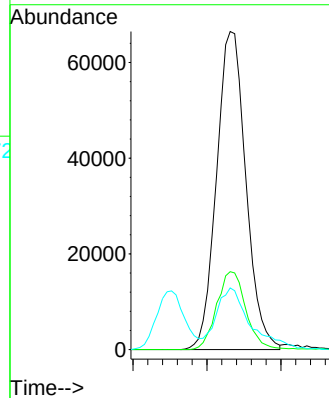
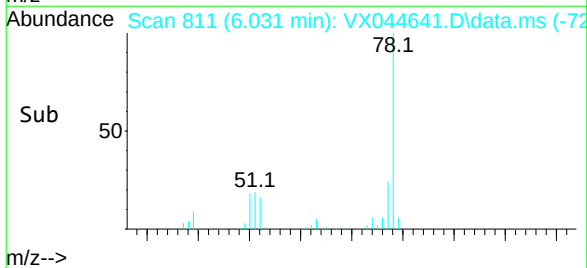
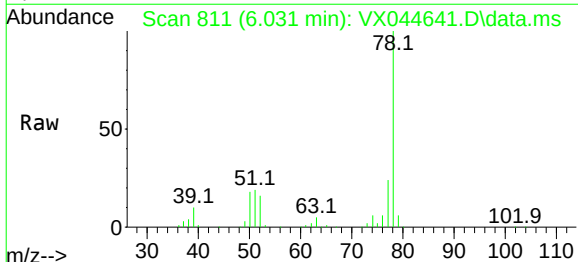
Manual Integrations
APPROVED

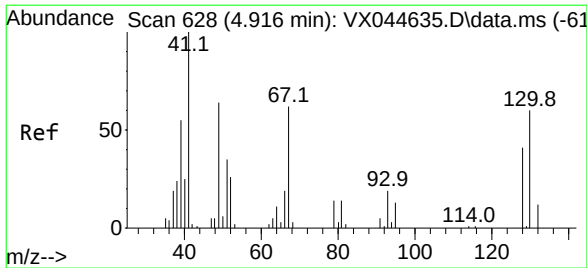
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 17.910 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

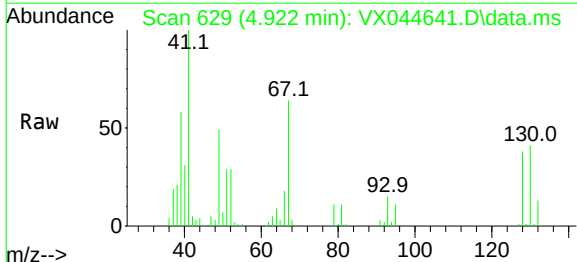
Tgt Ion: 78 Resp: 183113
Ion Ratio Lower Upper
78 100
77 24.5 19.8 29.6
51 16.4 14.5 21.7





#35
Methacrylonitrile
Concen: 18.192 ug/l
RT: 4.922 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

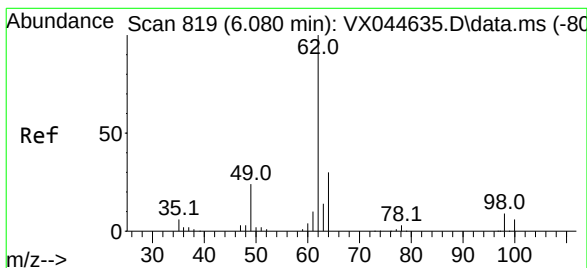
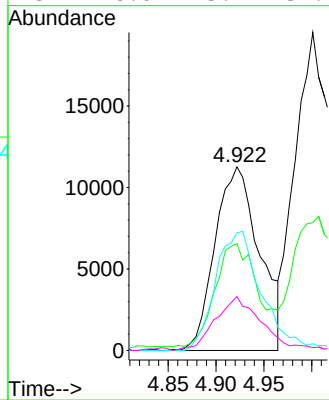
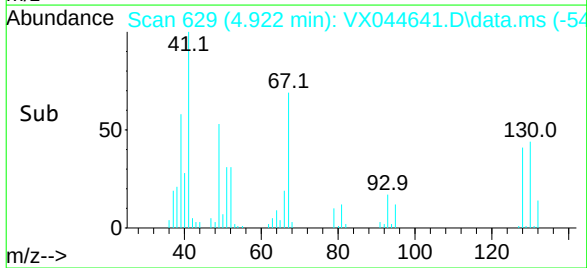
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 41 Resp: 36421
Ion Ratio Lower Upper
41 100
39 55.4 27.7 83.0
67 64.0 31.1 93.3
52 28.6 13.1 39.1

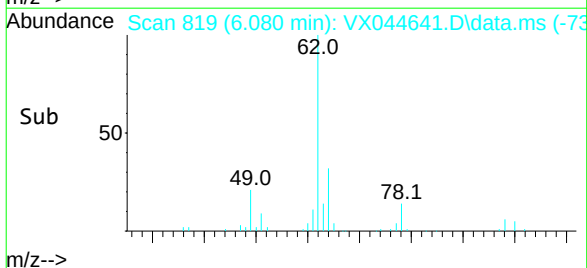
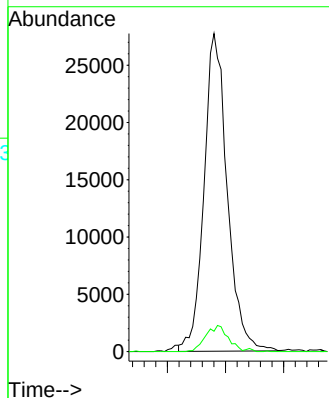
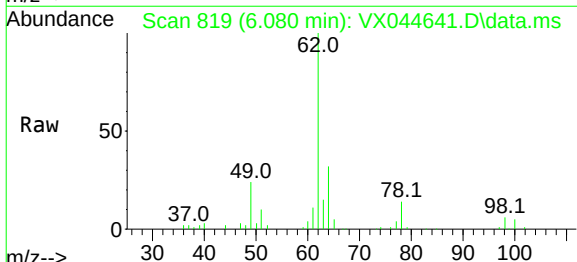
Manual Integrations
APPROVED

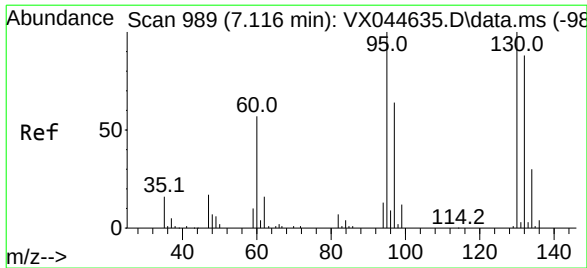
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 18.040 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

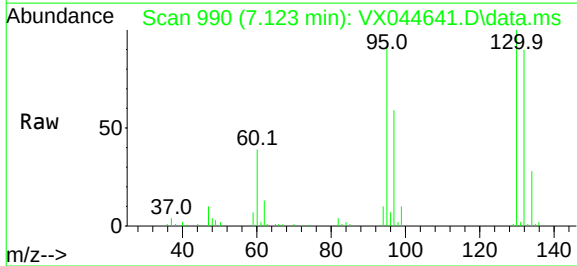
Tgt Ion: 62 Resp: 77080
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#37
Trichloroethene
Concen: 20.017 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

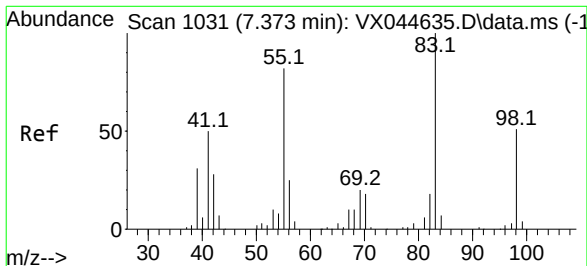
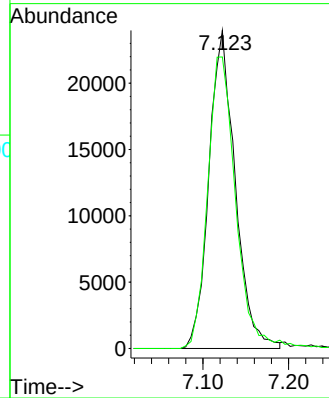
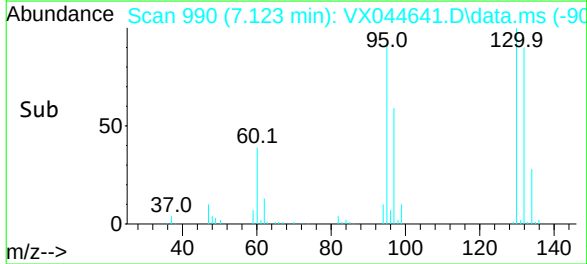
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



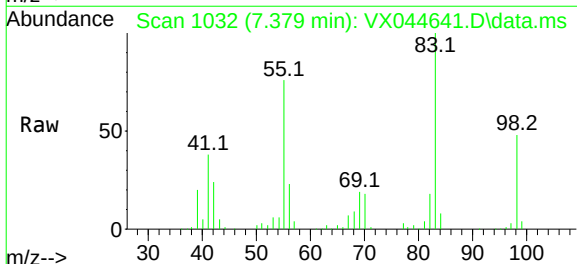
Tgt Ion:130 Resp: 51161
Ion Ratio Lower Upper
130 100
95 91.7 80.2 120.4

Manual Integrations
APPROVED

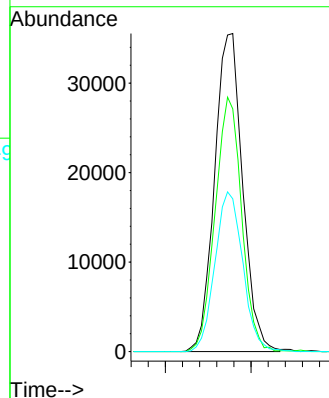
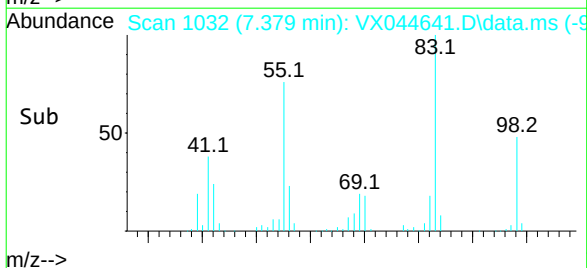
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

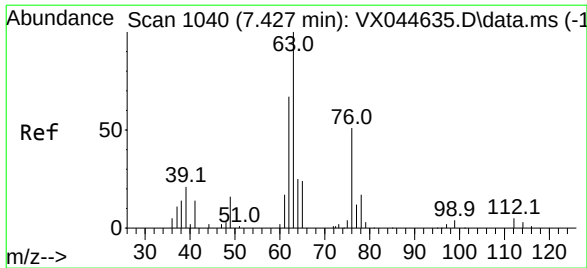


#38
Methylcyclohexane
Concen: 19.763 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



Tgt Ion: 83 Resp: 80809
Ion Ratio Lower Upper
83 100
55 75.5 40.0 120.0
98 49.9 24.4 73.2





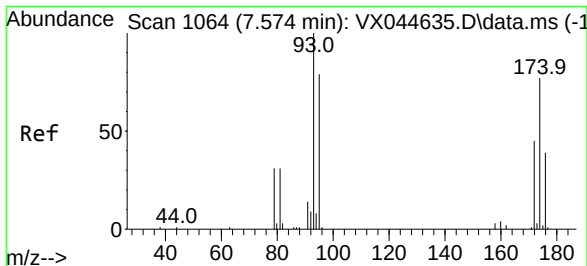
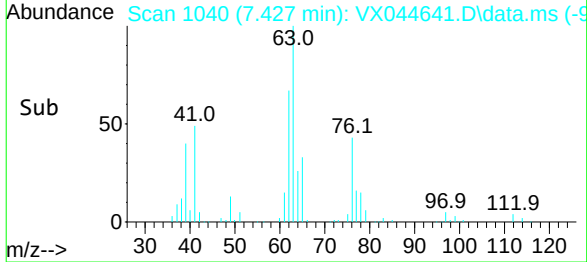
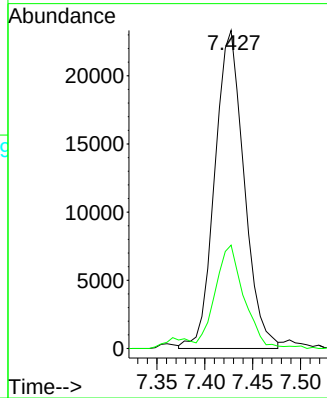
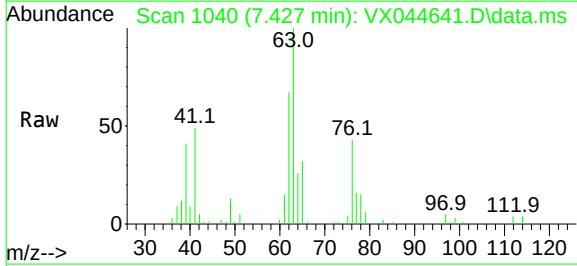
#39
1,2-Dichloropropane
Concen: 19.522 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion: 63 Resp: 49599
Ion Ratio Lower Upper
63 100
65 32.0 21.4 32.0

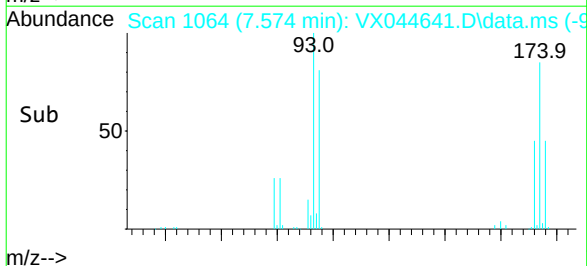
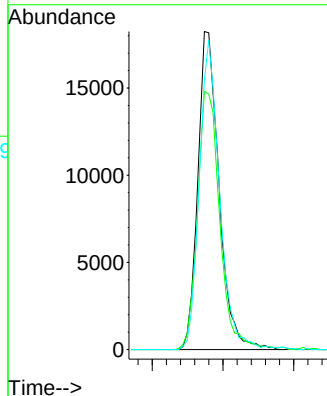
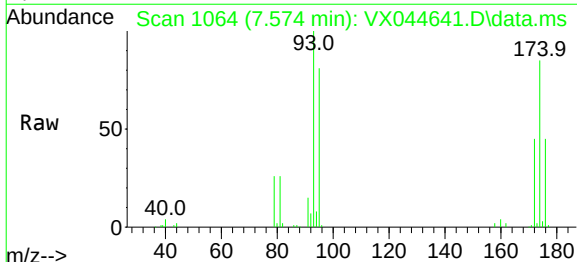
Manual Integrations
APPROVED

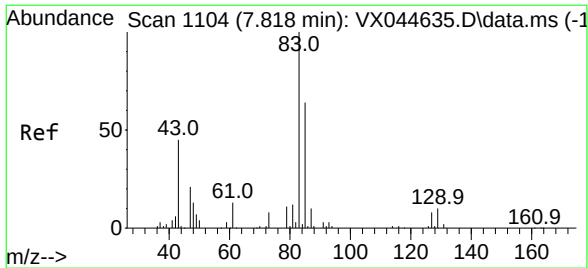
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 19.095 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

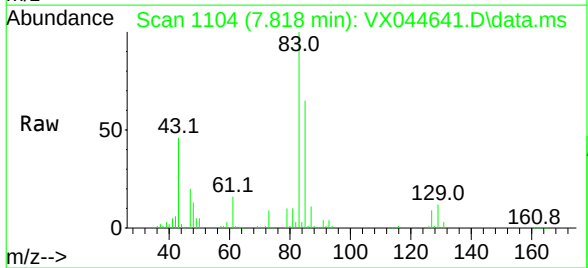
Tgt Ion: 93 Resp: 38051
Ion Ratio Lower Upper
93 100
95 85.2 0.0 165.2
174 92.8 0.0 176.2





#41
Bromodichloromethane
Concen: 18.075 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

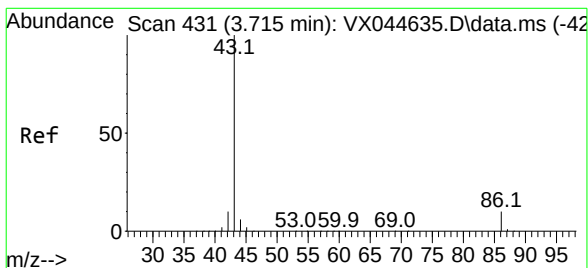
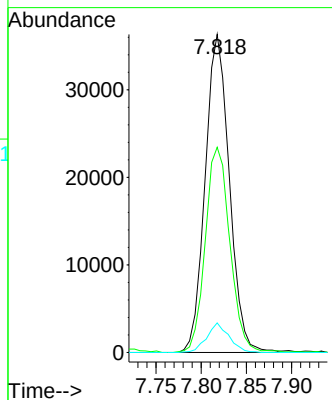
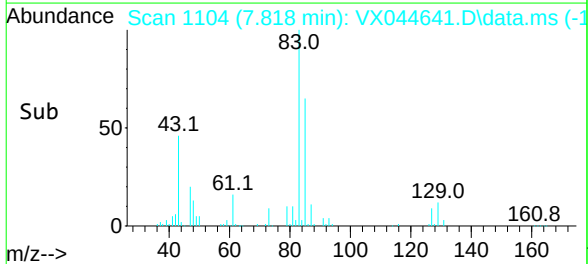
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion:	83	Resp:	67647
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2
127	9.3	6.6	9.8

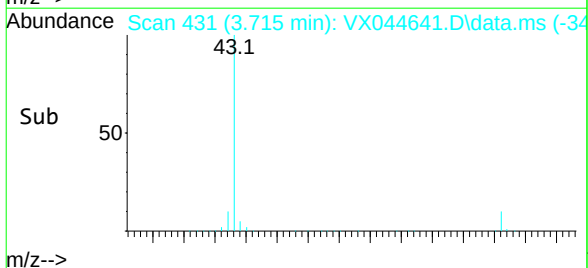
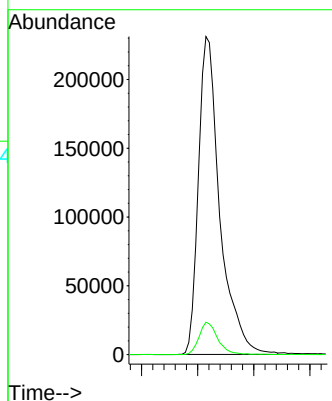
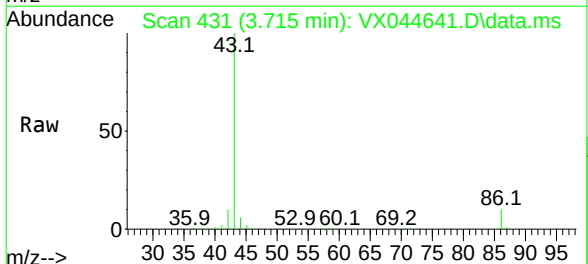
Manual Integrations
APPROVED

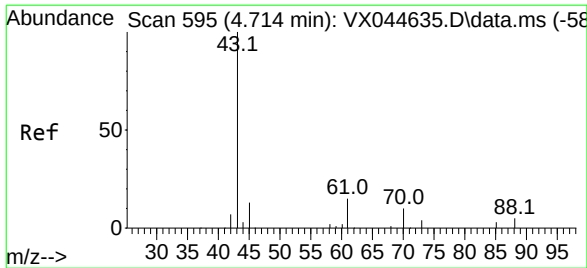
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 85.540 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

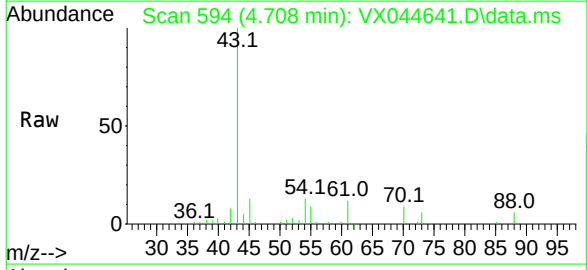
Tgt Ion:	43	Resp:	612920
Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.1	10.7





#43
Ethyl Acetate
Concen: 17.914 ug/l m
RT: 4.708 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

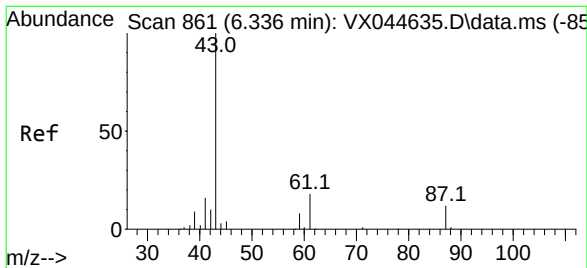
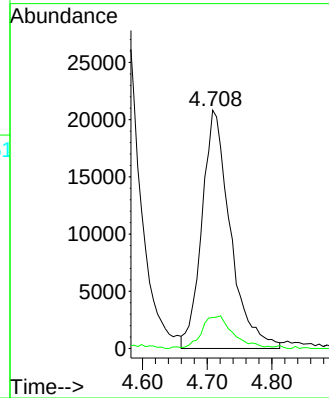
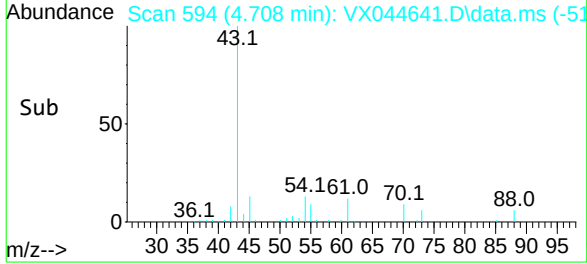
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 43 Resp: 63512
Ion Ratio Lower Upper
43 100
45 0.1 6.7 10.1#

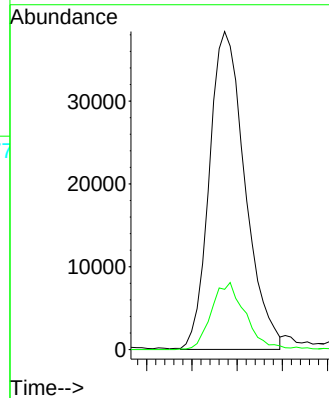
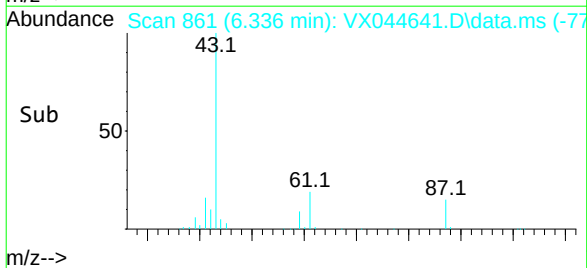
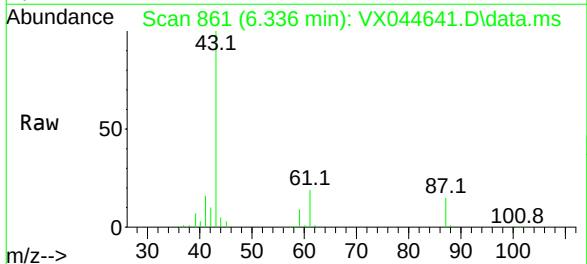
Manual Integrations
APPROVED

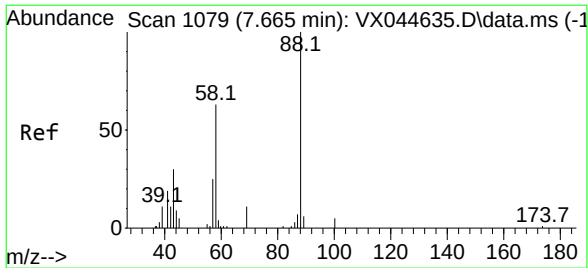
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#44
Isopropyl Acetate
Concen: 17.886 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

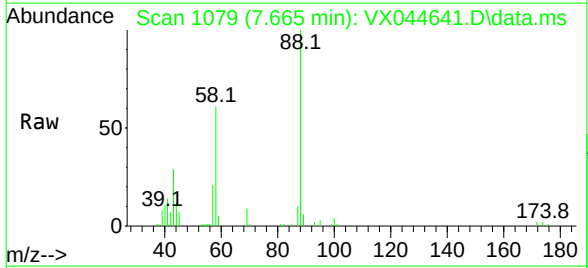
Tgt Ion: 43 Resp: 105403
Ion Ratio Lower Upper
43 100
61 20.0 14.2 21.2





#45
1,4-Dioxane
Concen: 378.985 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

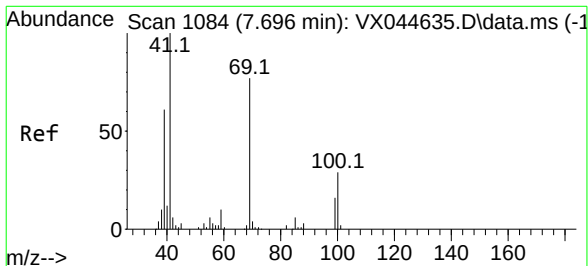
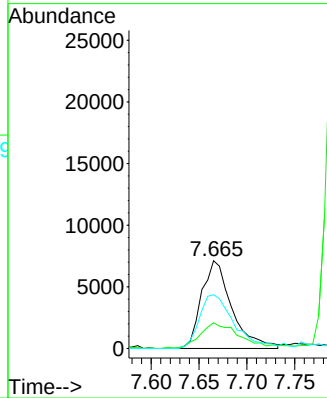
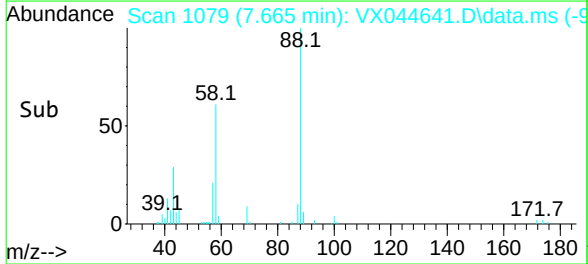
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



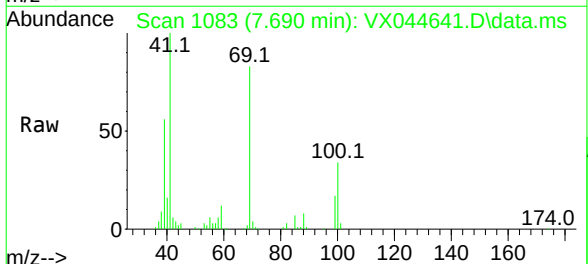
Tgt Ion: 88 Resp: 15649
Ion Ratio Lower Upper
88 100
43 22.6 31.0 46.4
58 69.6 56.6 84.8

Manual Integrations
APPROVED

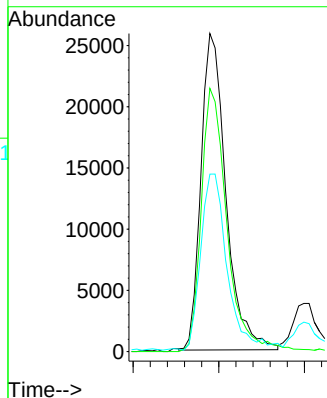
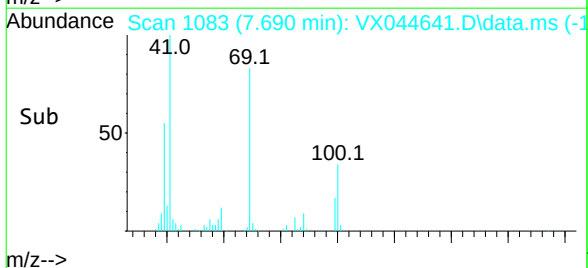
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

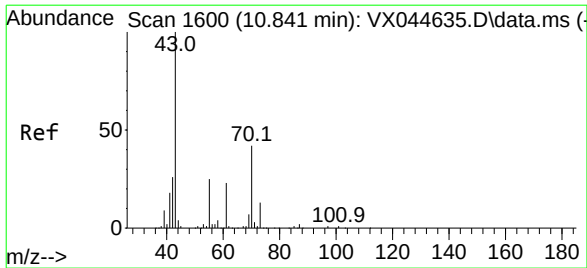


#46
Methyl methacrylate
Concen: 18.281 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



Tgt Ion: 41 Resp: 52523
Ion Ratio Lower Upper
41 100
69 83.5 38.6 115.8
39 55.5 30.7 92.1





#47

n-amy1 Acetate

Concen: 16.654 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 43 Resp: 79583

Ion Ratio Lower Upper

43 100

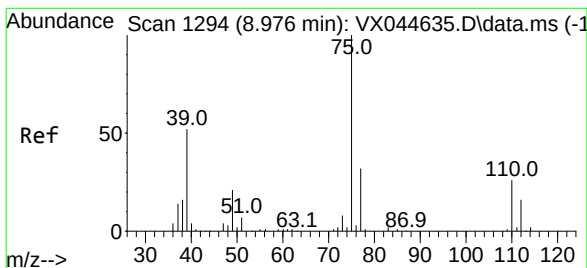
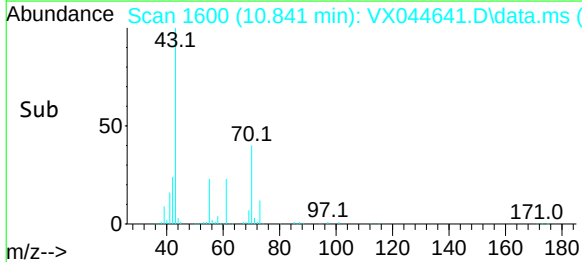
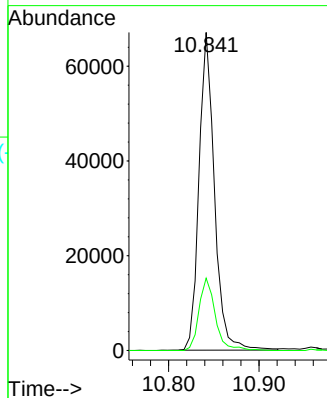
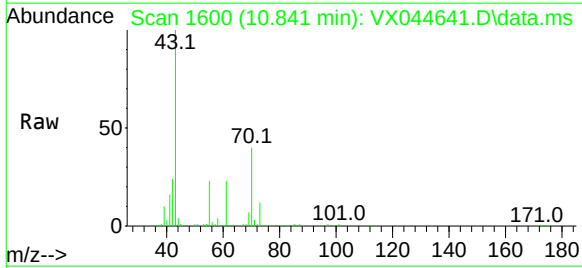
55 23.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 16.336 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044641.D

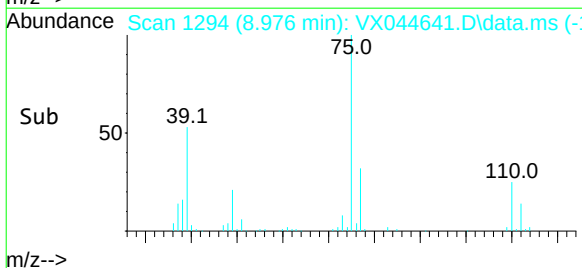
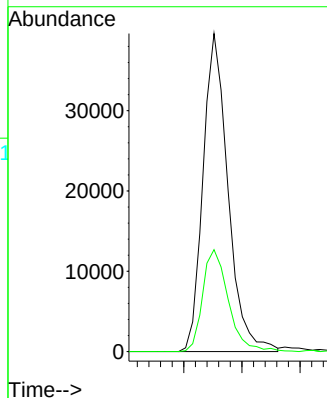
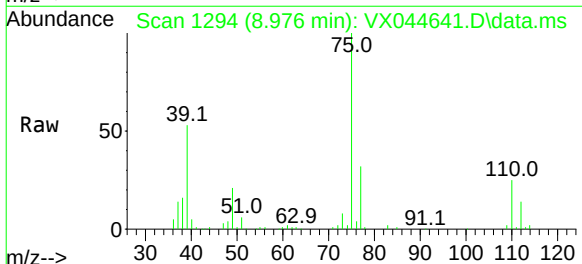
Acq: 09 Jan 2025 03:11

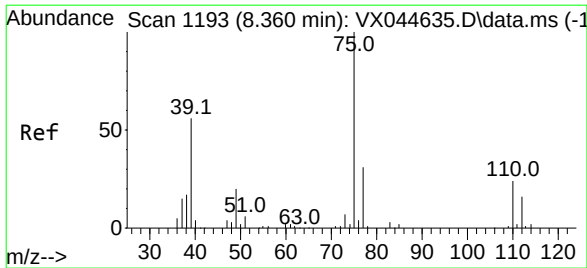
Tgt Ion: 75 Resp: 59174

Ion Ratio Lower Upper

75 100

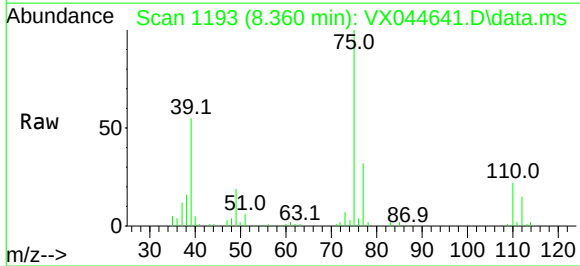
77 32.0 25.7 38.5





#49
cis-1,3-Dichloropropene
Concen: 17.163 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

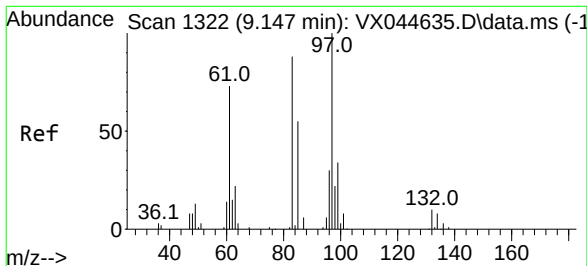
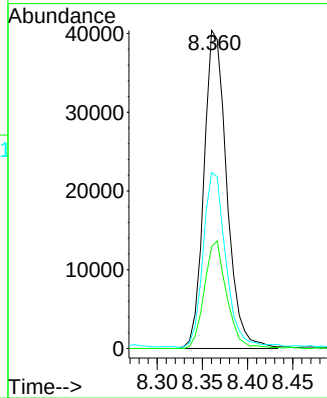
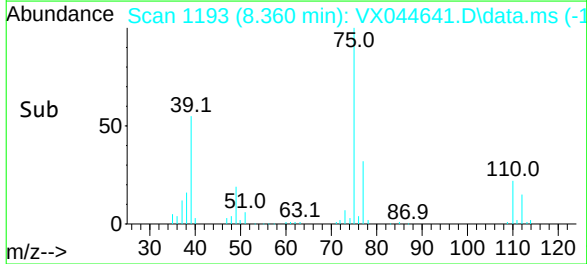
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7
39	55.0	44.8	67.2

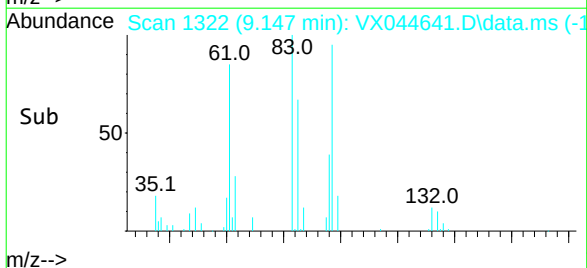
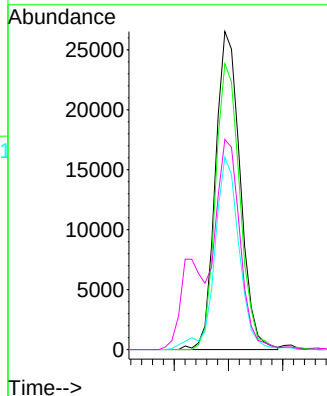
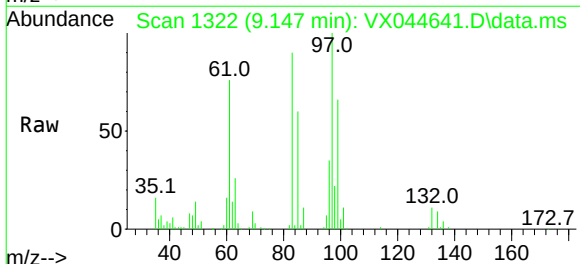
Manual Integrations
APPROVED

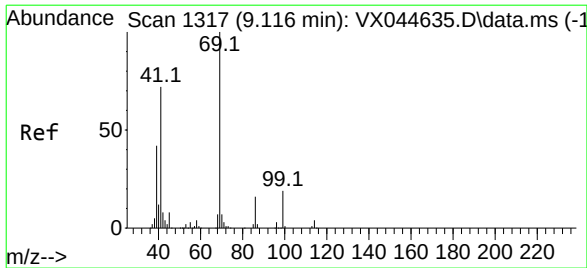
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#50
1,1,2-Trichloroethane
Concen: 16.601 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

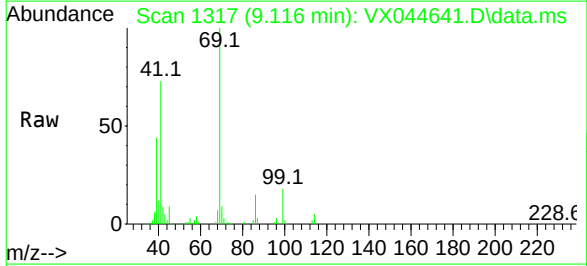
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.5	105.7
85	59.9	45.4	68.2
99	65.4	51.1	76.7





#51
Ethyl methacrylate
Concen: 16.733 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

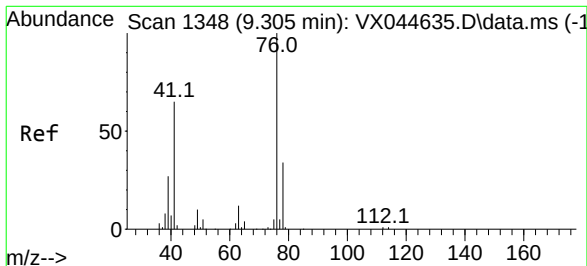
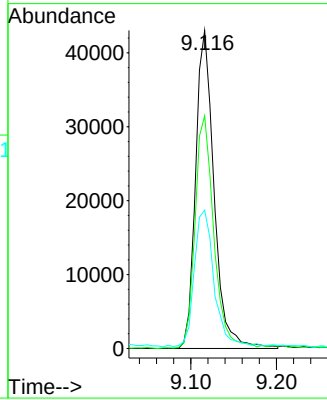
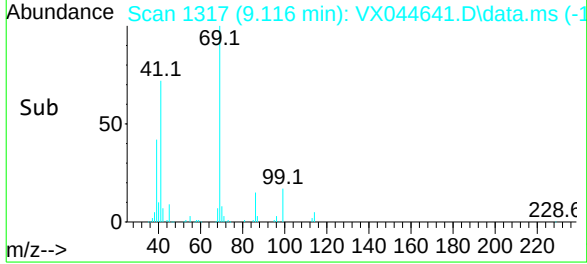
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 69 Resp: 64562
Ion Ratio Lower Upper
69 100
41 72.8 35.8 107.4
39 42.6 21.0 63.0

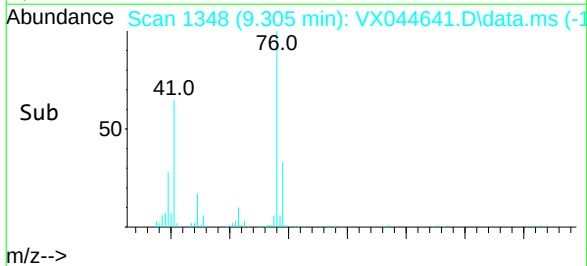
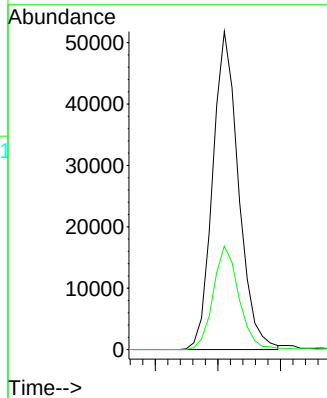
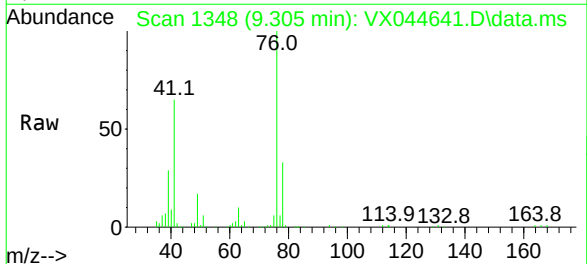
Manual Integrations
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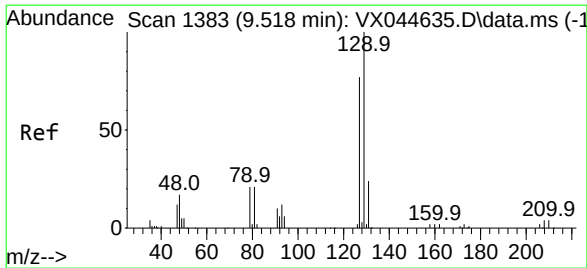
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 17.172 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 76 Resp: 74337
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.0





#53

Dibromochloromethane

Concen: 16.574 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion:129 Resp: 43551

Ion Ratio Lower Upper

129 100

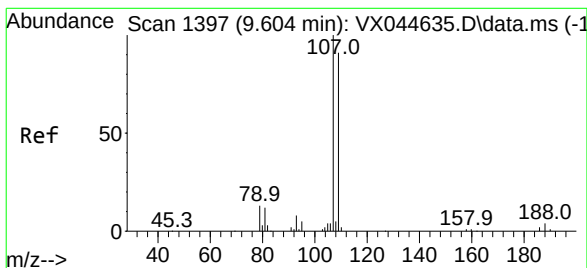
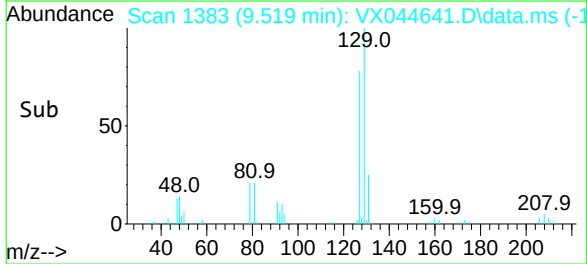
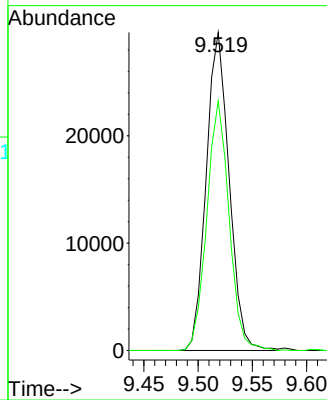
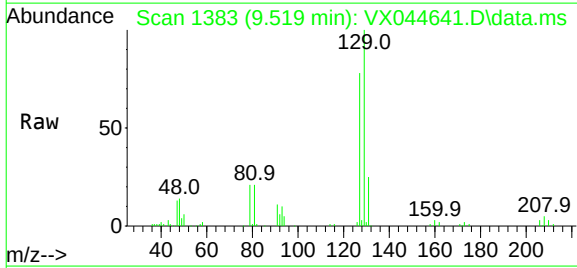
127 76.2 39.0 116.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#54

1,2-Dibromoethane

Concen: 17.210 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044641.D

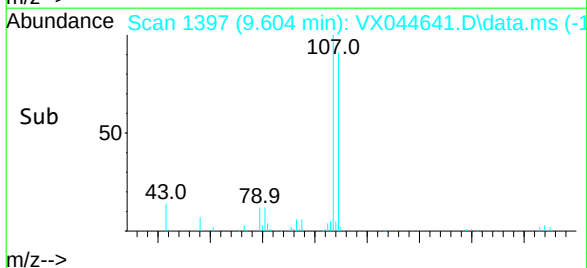
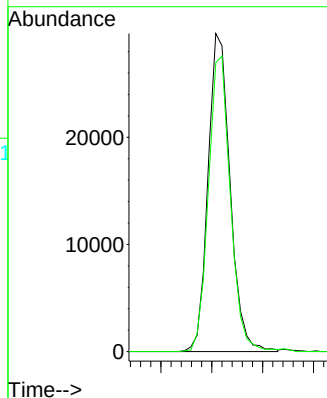
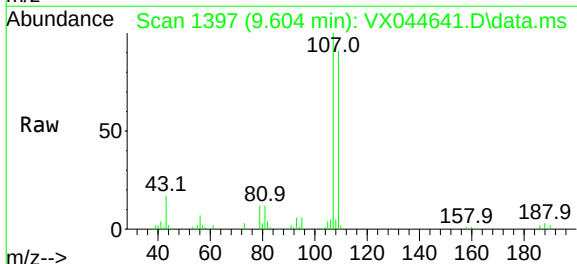
Acq: 09 Jan 2025 03:11

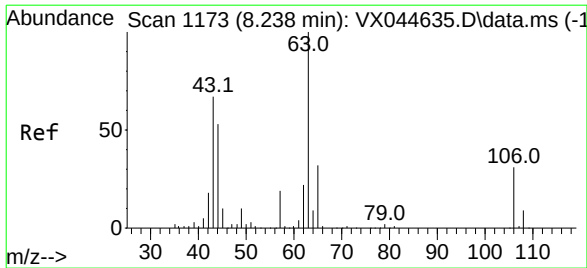
Tgt Ion:107 Resp: 44732

Ion Ratio Lower Upper

107 100

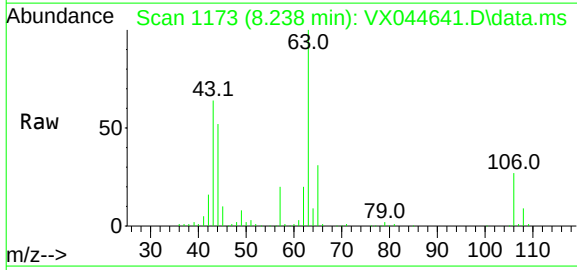
109 91.9 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 77.287 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

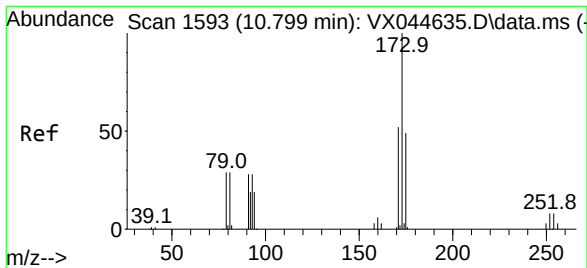
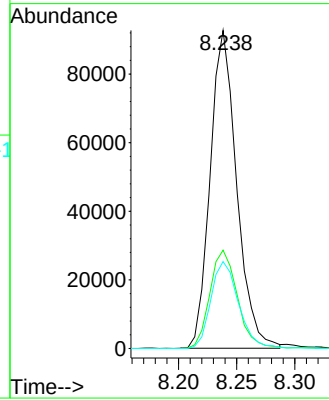
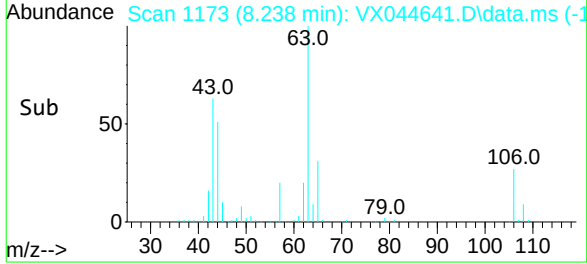
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 63 Resp: 146935
Ion Ratio Lower Upper
63 100
65 32.0 26.1 39.1
106 28.5 22.6 33.8

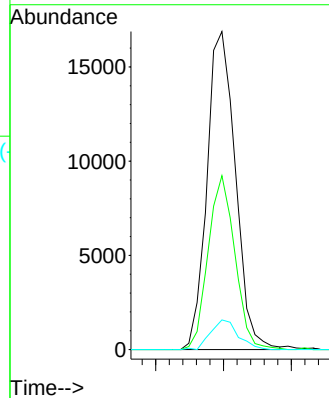
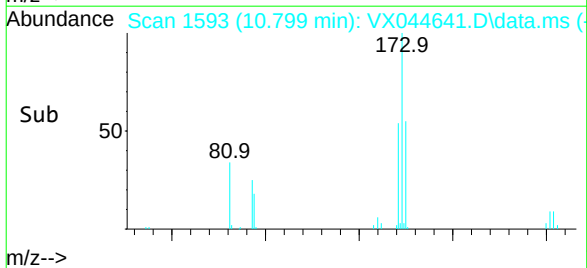
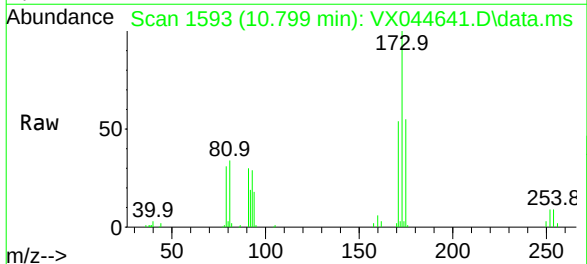
Manual Integrations
APPROVED

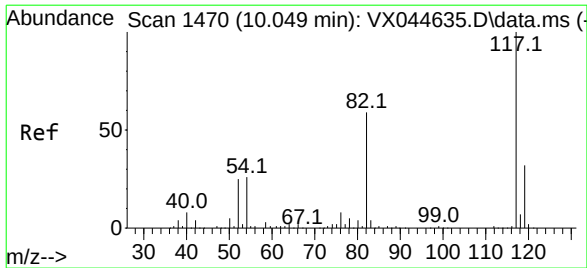
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#56
Bromoform
Concen: 15.201 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

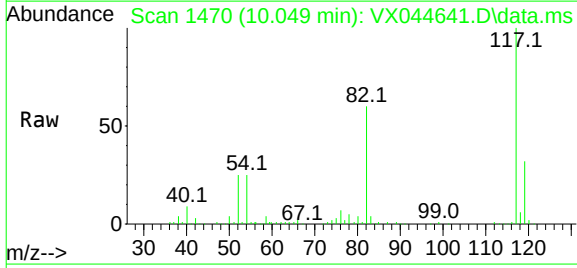
Tgt Ion:173 Resp: 24633
Ion Ratio Lower Upper
173 100
175 51.4 39.1 58.7
254 9.0 5.8 8.8#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

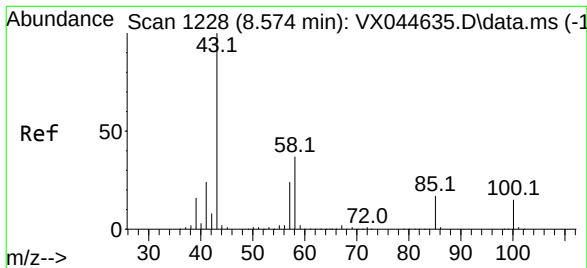
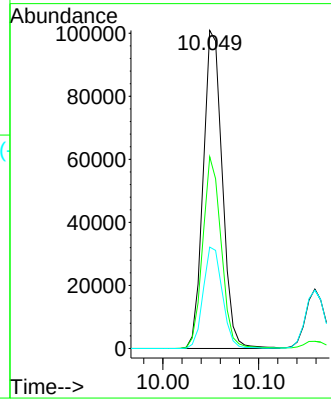
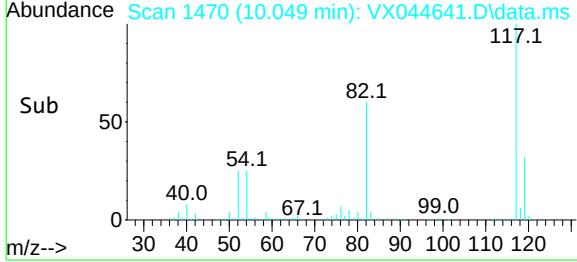
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 117 Resp: 139644
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.0 25.5 38.3

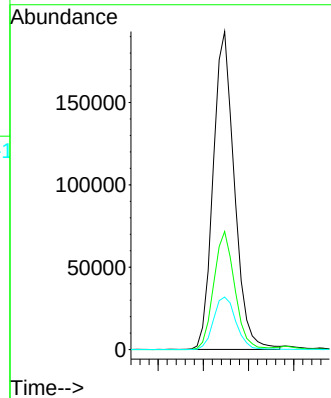
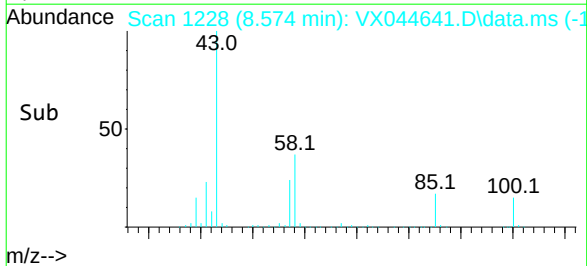
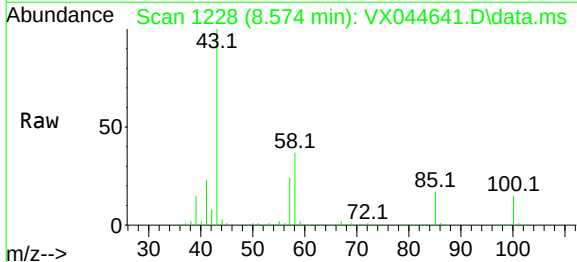
Manual Integrations
APPROVED

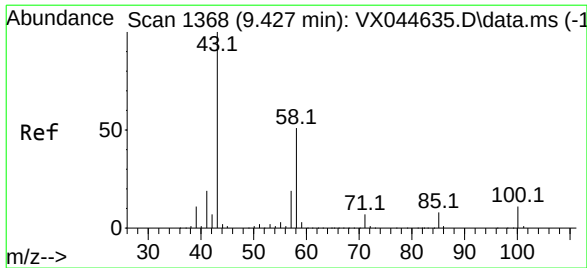
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
4-Methyl-2-Pentanone
Concen: 110.624 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 43 Resp: 315051
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0
85 17.5 13.4 20.2





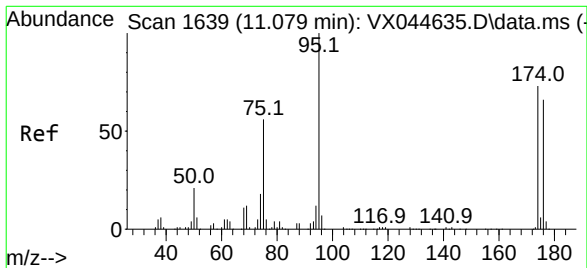
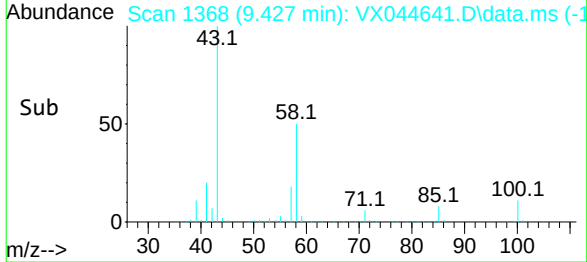
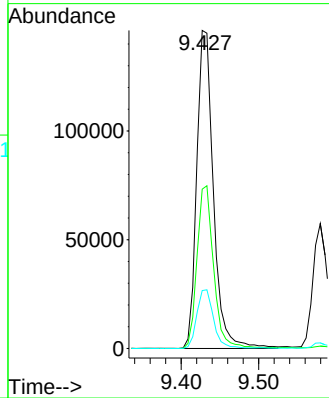
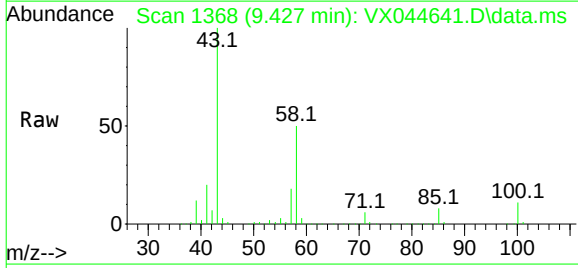
#59
2-Hexanone
Concen: 111.495 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion:	43	Resp:	219306
Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.8	61.2
57	18.5	15.2	22.8

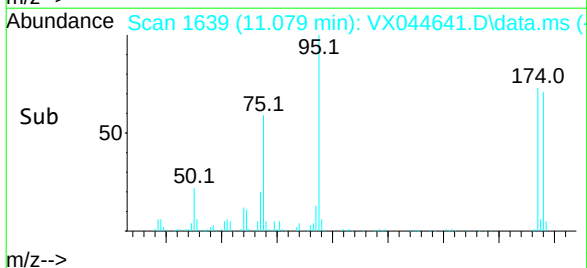
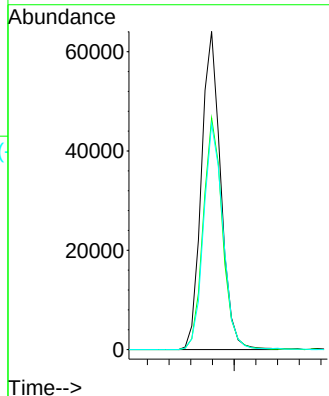
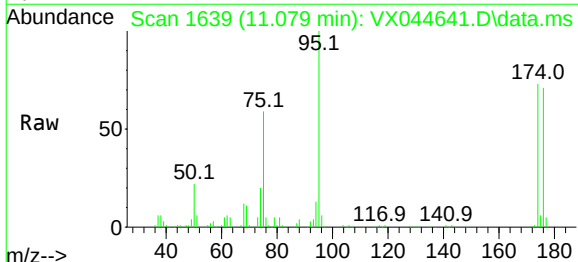
Manual Integrations
APPROVED

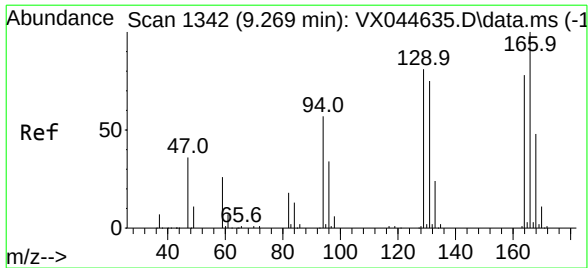
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 30.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

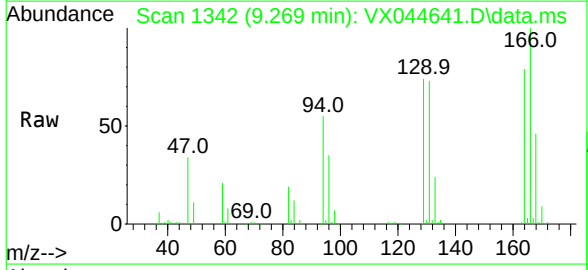
Tgt Ion:	95	Resp:	79432
Ion	Ratio	Lower	Upper
95	100		
174	72.4	58.6	88.0
176	71.0	55.2	82.8





#61
Tetrachloroethene
Concen: 21.564 ug/l
RT: 9.269 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

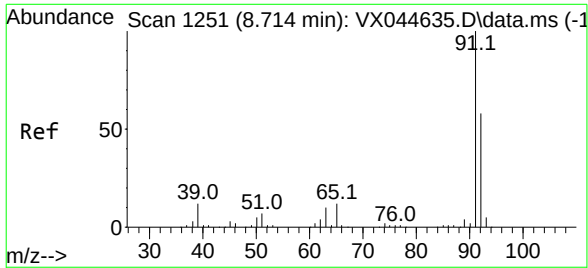
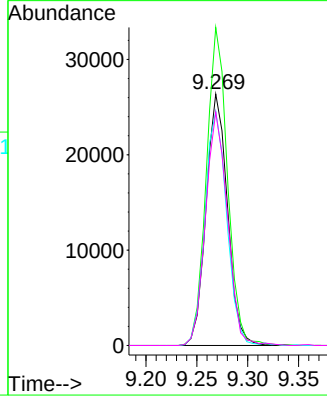
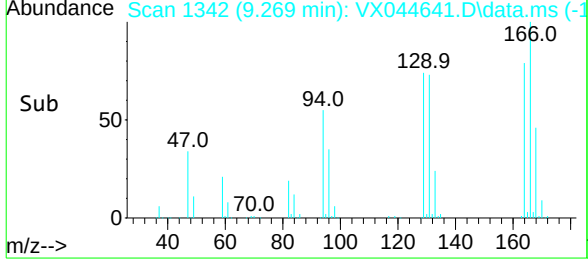
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



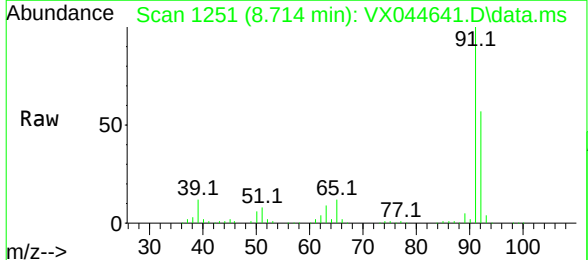
Tgt Ion: 164 Resp: 38685
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 93.1 83.6 125.4
131 92.8 77.4 116.0

Manual Integrations
APPROVED

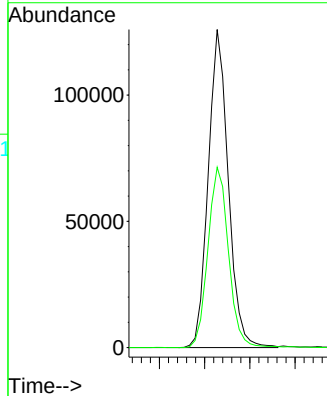
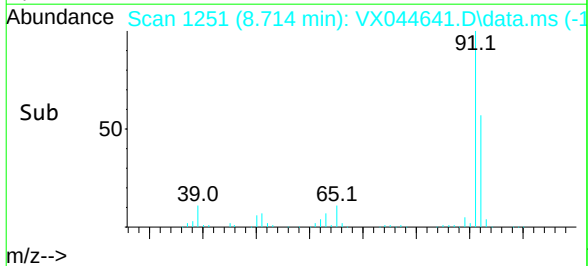
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

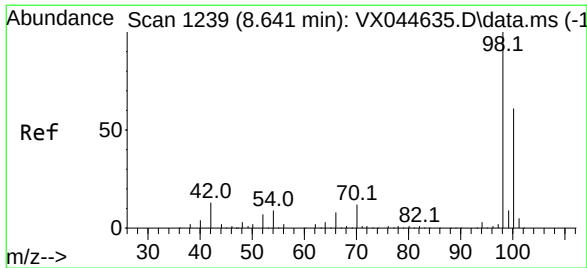


#62
Toluene
Concen: 21.109 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



Tgt Ion: 91 Resp: 193983
Ion Ratio Lower Upper
91 100
92 58.2 46.4 69.6





#63

Toluene-d8

Concen: 30.795 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion: 98 Resp: 240444

Ion Ratio Lower Upper

98 100

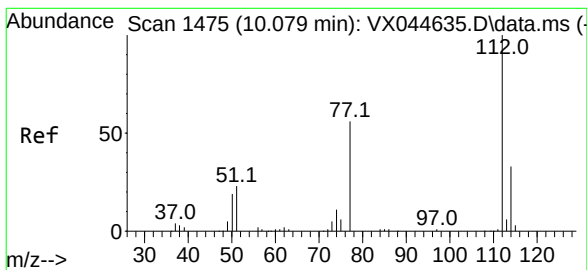
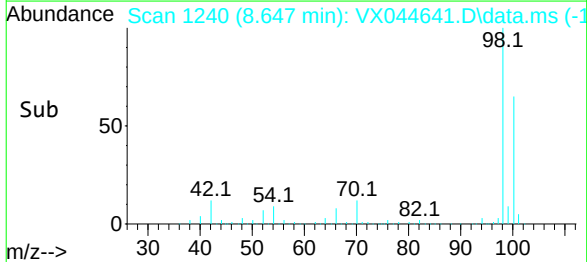
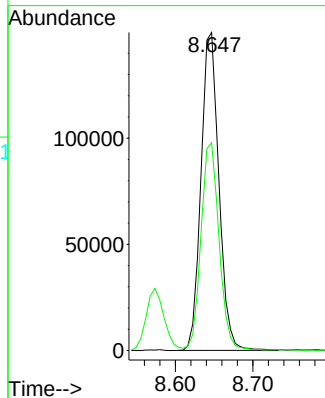
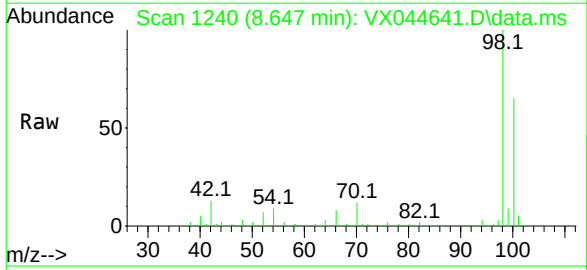
100 66.0 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#64

Chlorobenzene

Concen: 20.671 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044641.D

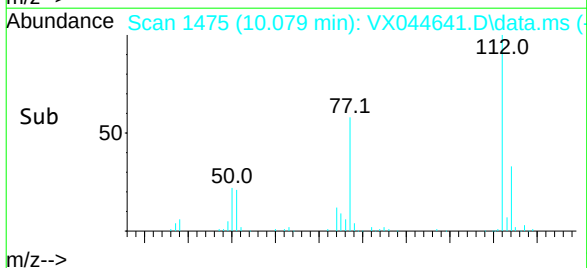
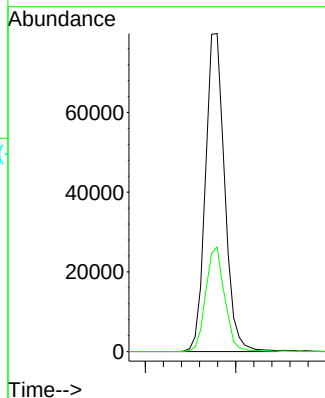
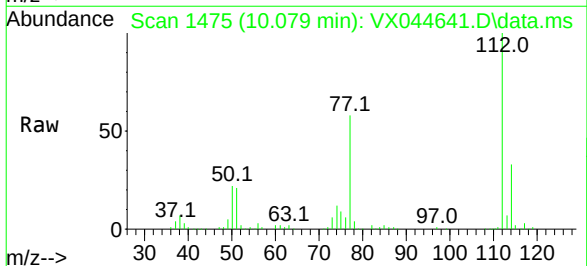
Acq: 09 Jan 2025 03:11

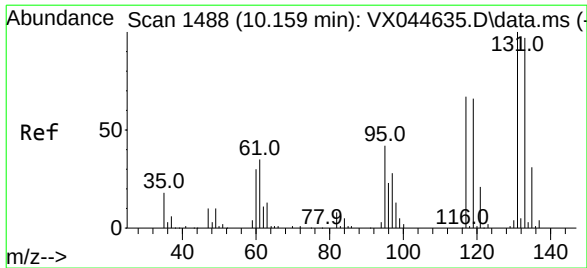
Tgt Ion:112 Resp: 117917

Ion Ratio Lower Upper

112 100

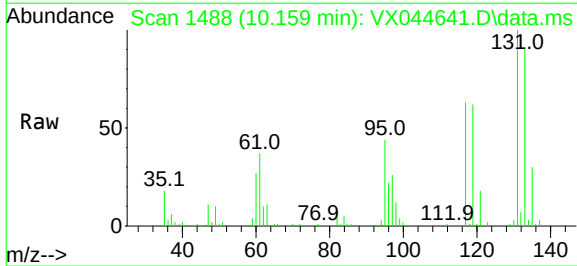
114 32.9 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.587 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

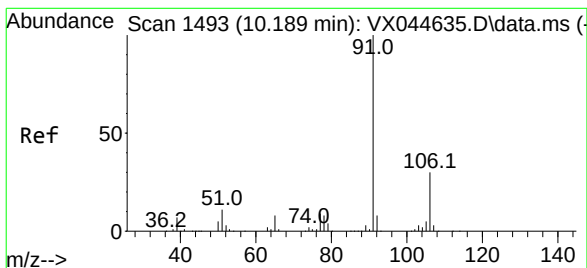
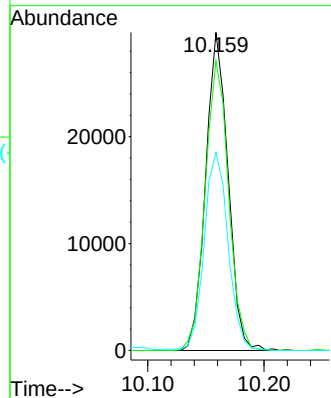
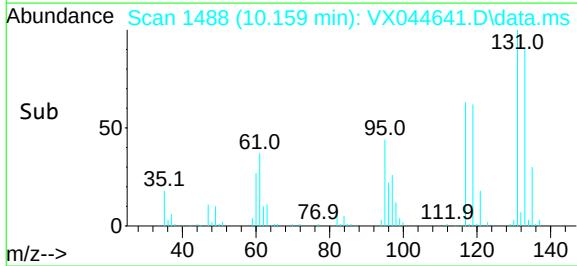
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 131 Resp: 39871
Ion Ratio Lower Upper
131 100
133 95.1 0.0 194.0
119 66.3 0.0 132.0

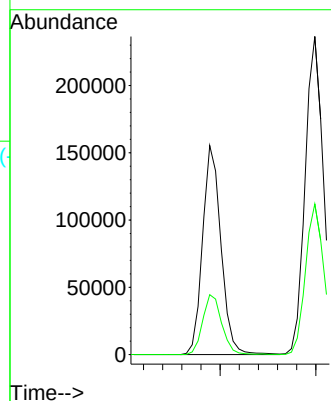
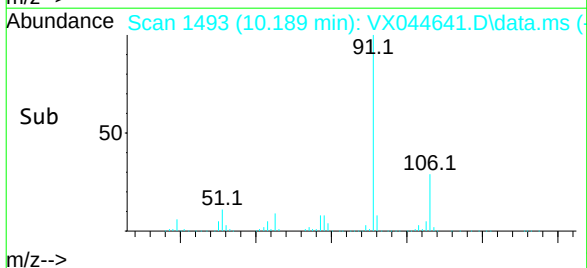
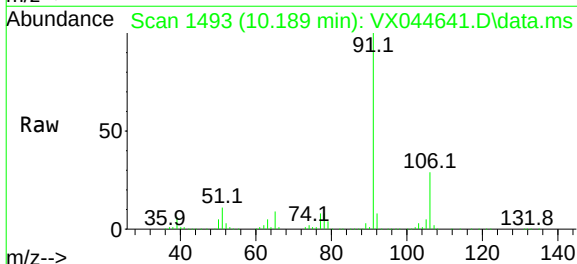
Manual Integrations
APPROVED

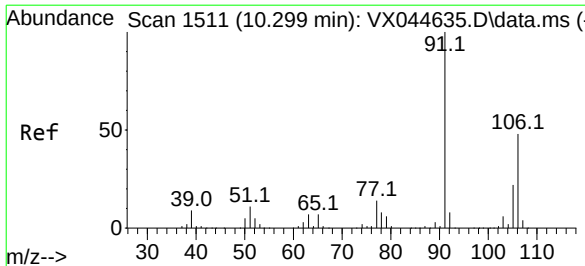
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
Ethyl Benzene
Concen: 21.036 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 91 Resp: 207853
Ion Ratio Lower Upper
91 100
106 28.7 24.1 36.1





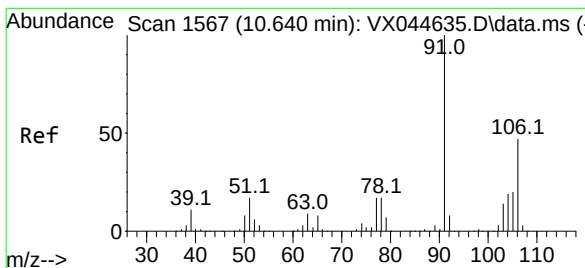
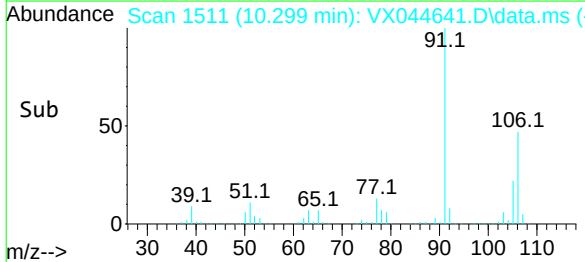
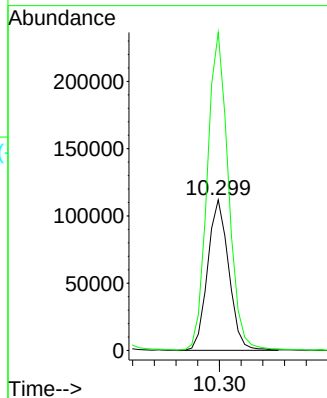
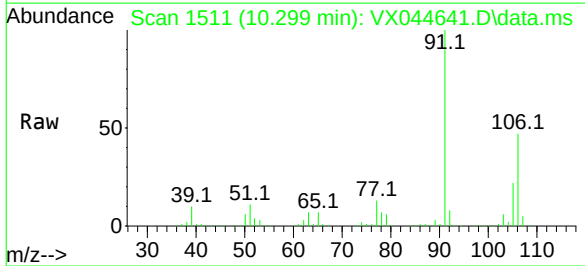
#67
m/p-Xylenes
Concen: 40.692 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion:106 Resp: 151184
Ion Ratio Lower Upper
106 100
91 211.3 167.9 251.9

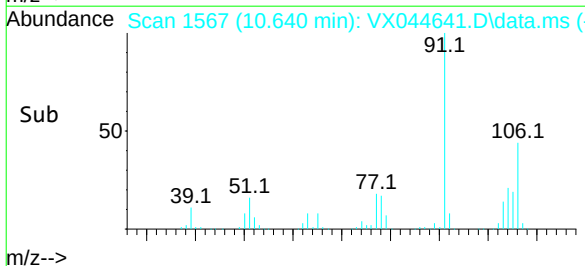
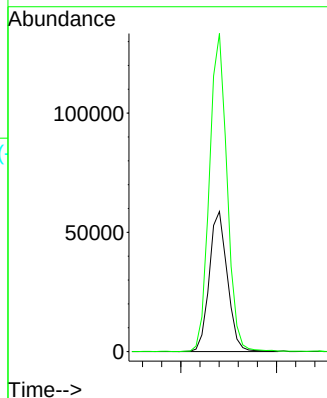
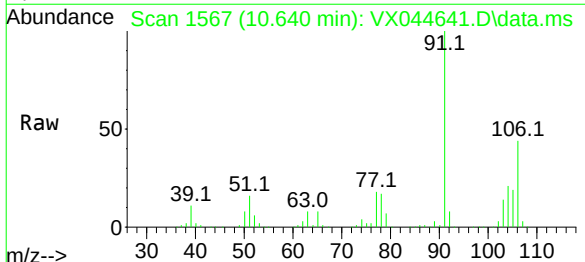
Manual Integrations
APPROVED

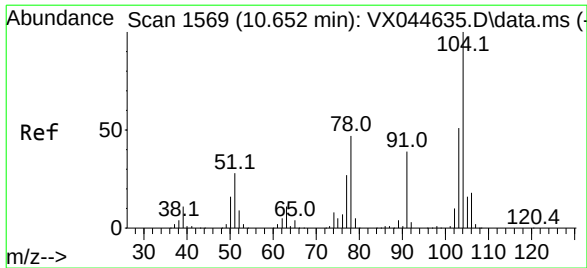
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 21.309 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion:106 Resp: 77273
Ion Ratio Lower Upper
106 100
91 221.0 112.3 336.9





#69

Styrene

Concen: 20.434 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

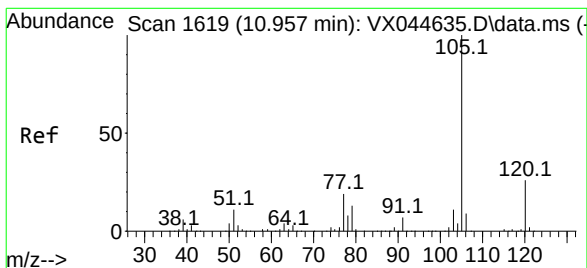
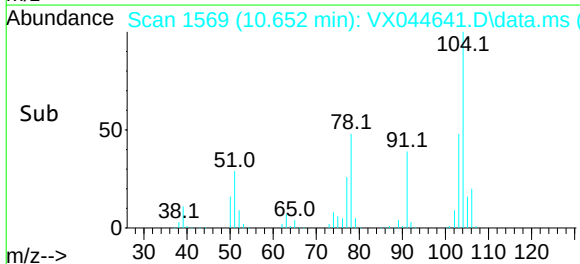
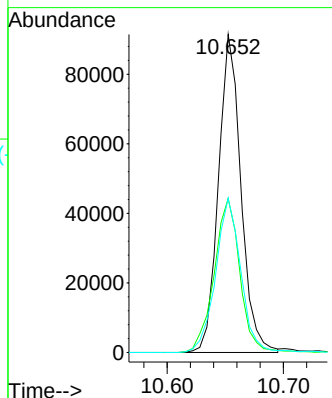
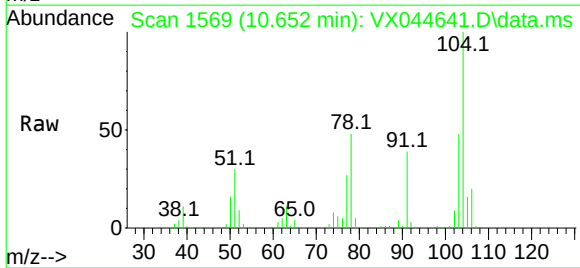
ClientSampleId :

VX0108WBS02

Tgt Ion:	104	Resp:	123068
Ion	Ratio	Lower	Upper
104	100		
78	55.3	43.7	65.5
103	53.9	43.7	65.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Isopropylbenzene

Concen: 20.661 ug/l

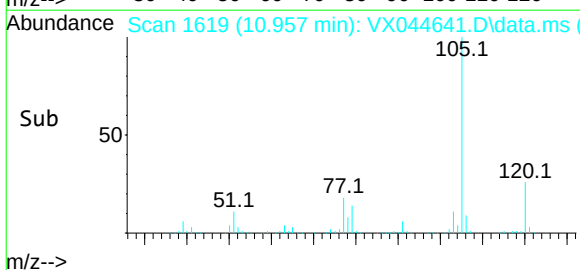
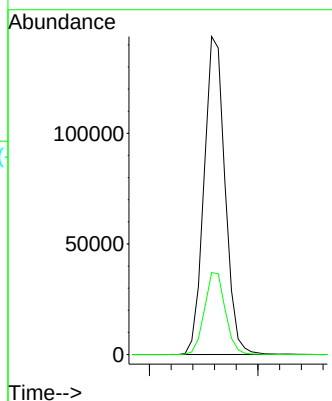
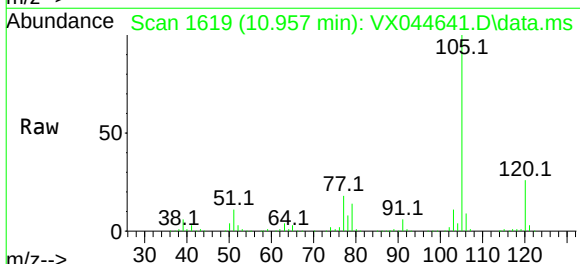
RT: 10.957 min Scan# 1619

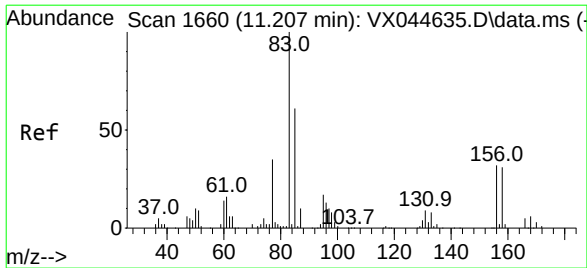
Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Tgt Ion:	105	Resp:	193119
Ion	Ratio	Lower	Upper
105	100		
120	25.7	17.5	32.5





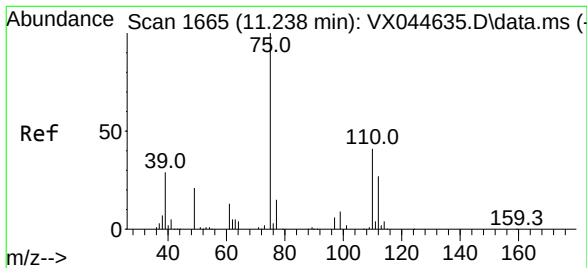
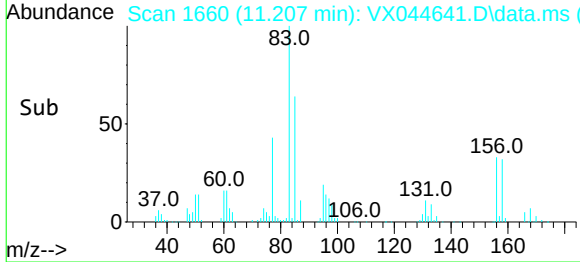
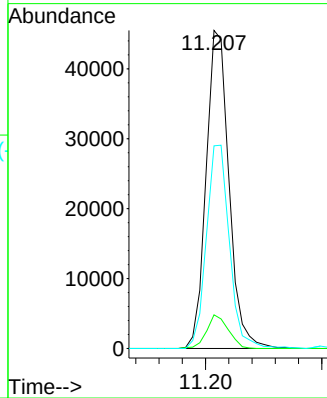
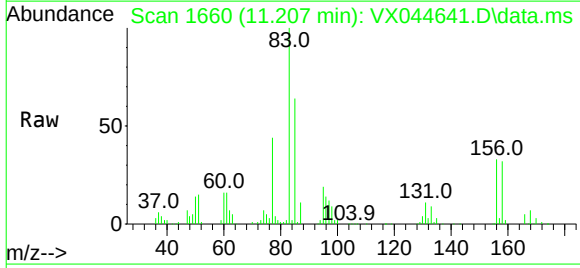
#71
1,1,2,2-Tetrachloroethane
Concen: 21.363 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion:	83	Resp:	62158
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	64.4	32.0	96.0

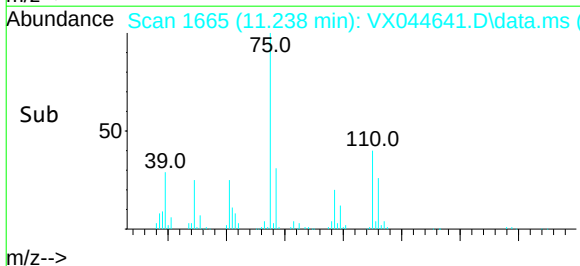
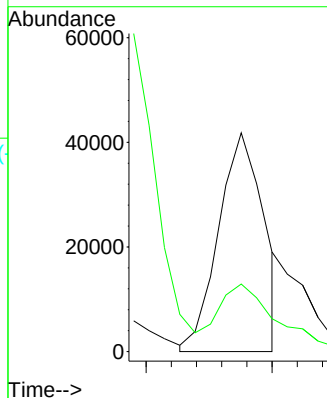
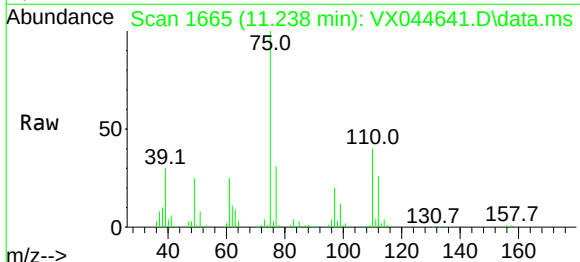
Manual Integrations
APPROVED

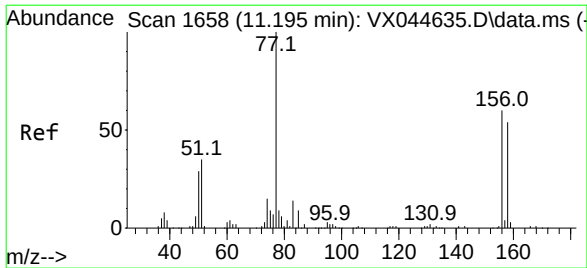
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 20.598 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion:	75	Resp:	52276
Ion	Ratio	Lower	Upper
75	100		
77	40.1	0.0	78.0





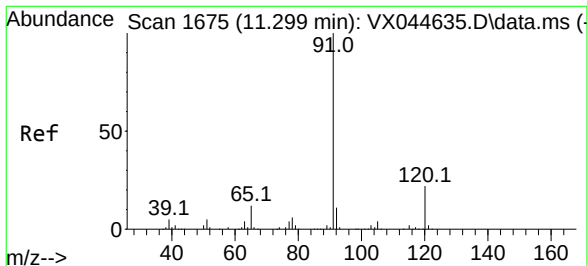
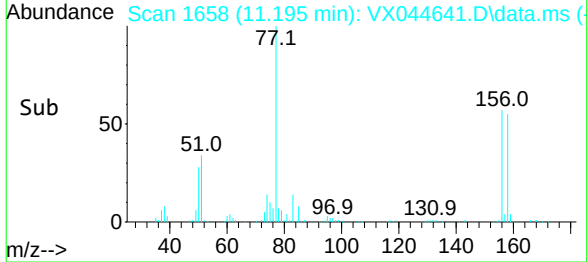
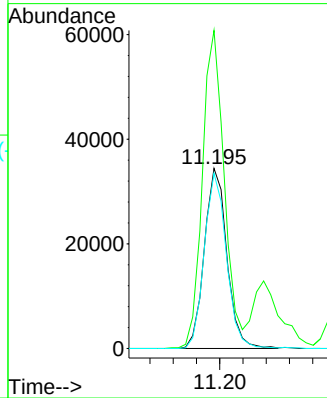
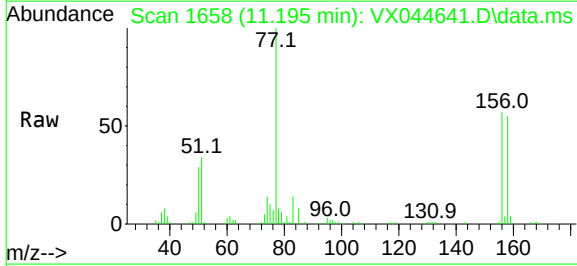
#73
Bromobenzene
Concen: 21.084 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion:156 Resp: 46327
Ion Ratio Lower Upper
156 100
77 169.8 0.0 332.6
158 95.8 0.0 187.6

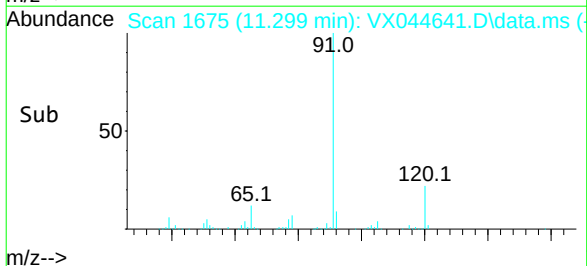
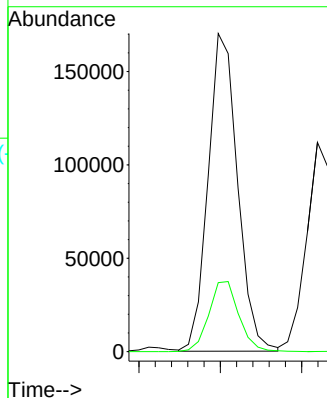
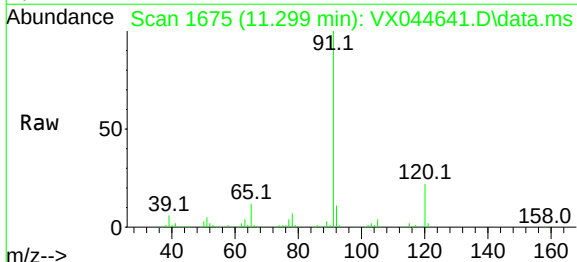
Manual Integrations
APPROVED

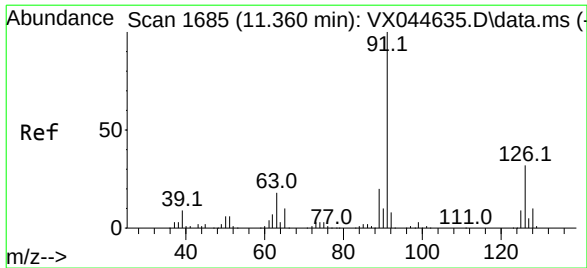
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#74
n-propylbenzene
Concen: 20.221 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion: 91 Resp: 214235
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





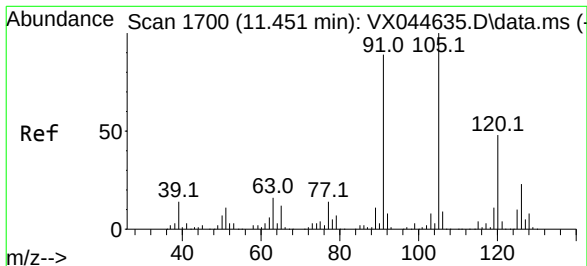
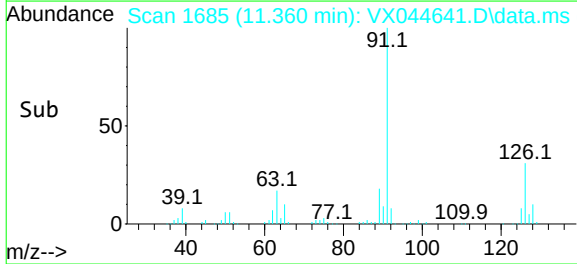
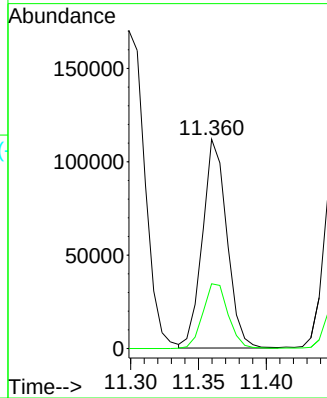
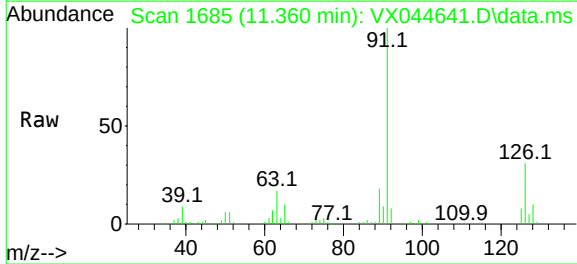
#75
2-Chlorotoluene
Concen: 21.058 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion: 91 Resp: 140222
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4

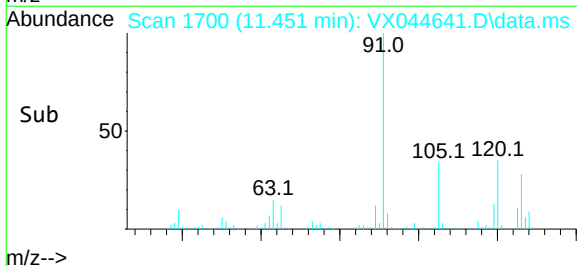
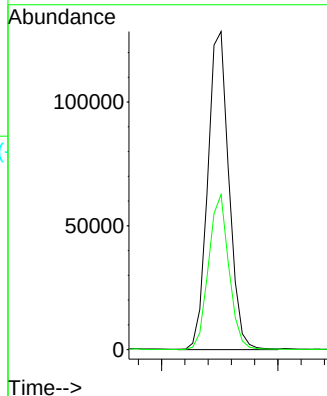
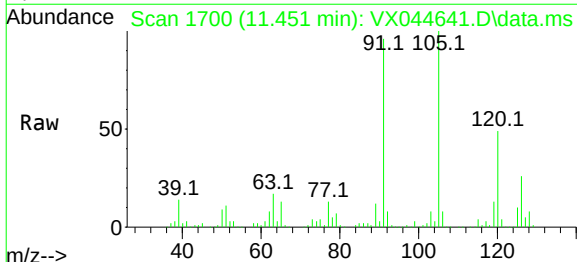
Manual Integrations
APPROVED

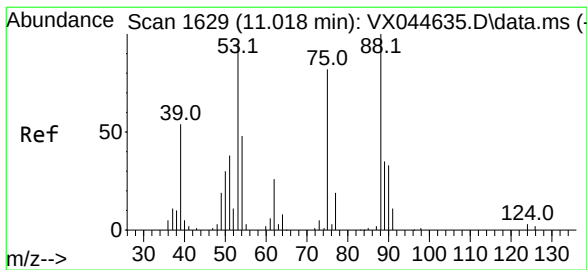
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.905 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion:105 Resp: 162443
Ion Ratio Lower Upper
105 100
120 46.9 0.0 94.0





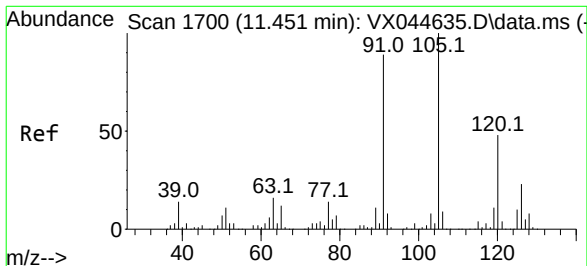
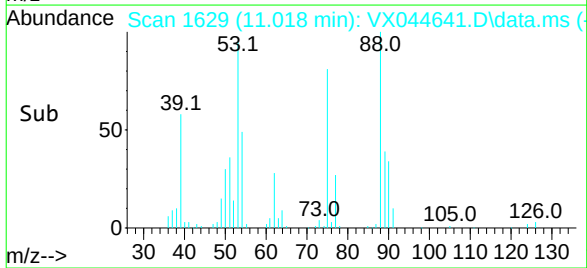
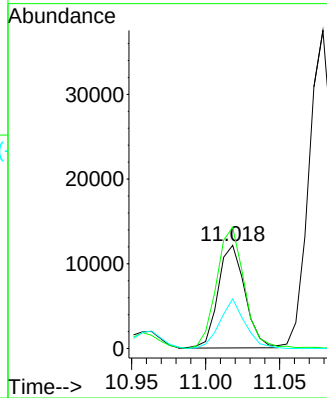
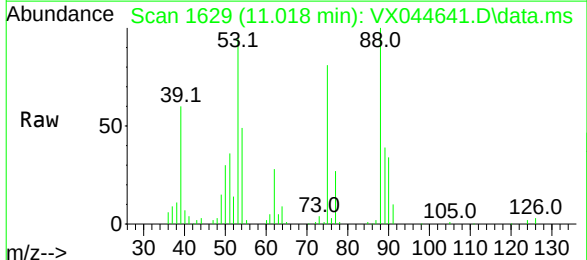
#77
t-1,4-Dichloro-2-butene
Concen: 19.053 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02

Tgt Ion: 75 Resp: 15367
Ion Ratio Lower Upper
75 100
53 117.2 57.4 172.2
89 47.6 21.3 64.0

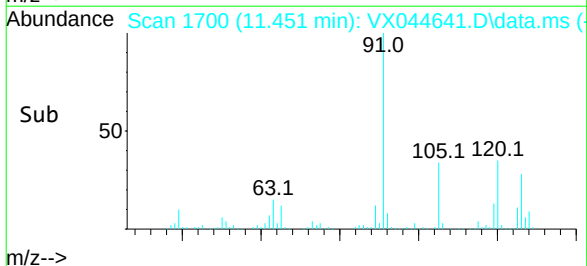
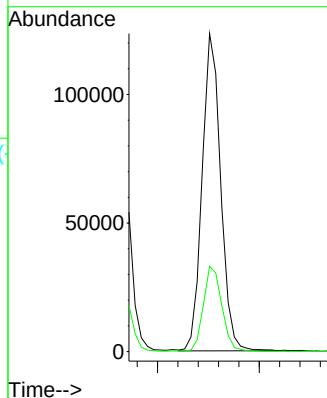
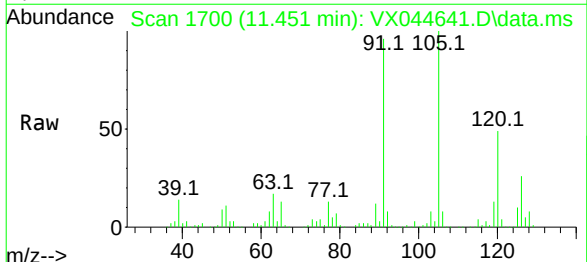
Manual Integrations
APPROVED

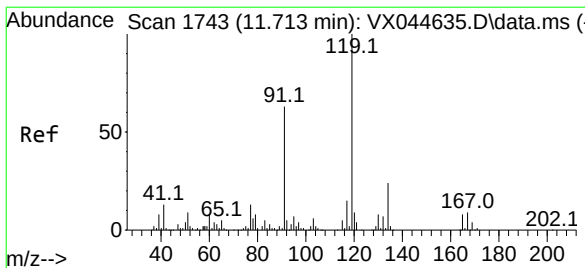
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 21.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

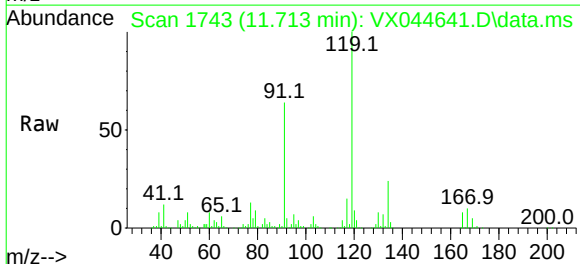
Tgt Ion: 91 Resp: 156157
Ion Ratio Lower Upper
91 100
126 26.8 0.0 54.8





#79
tert-butylbenzene
Concen: 21.232 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

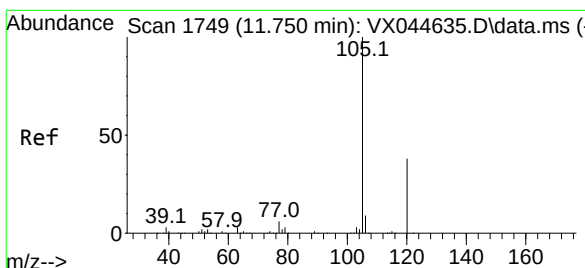
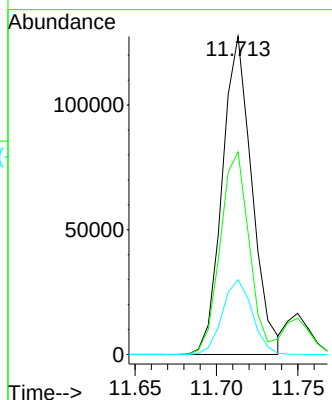
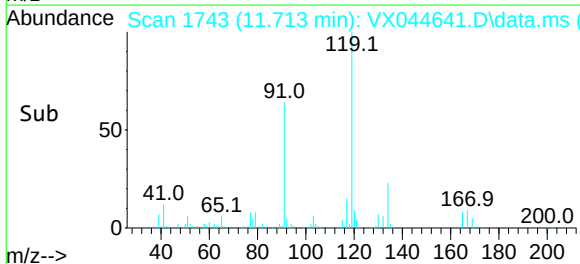
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion:119 Resp: 162017
Ion Ratio Lower Upper
119 100
91 62.0 0.0 124.2
134 23.6 0.0 46.4

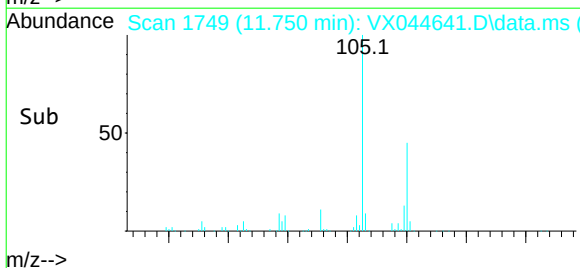
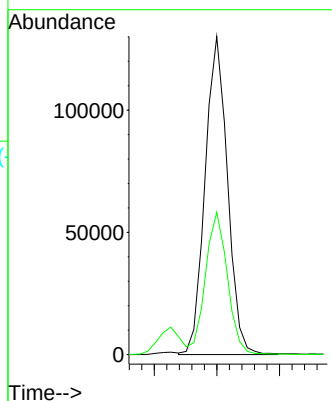
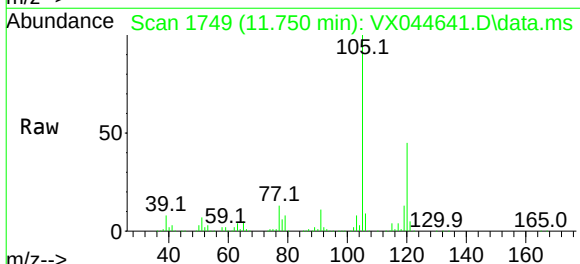
Manual Integrations
APPROVED

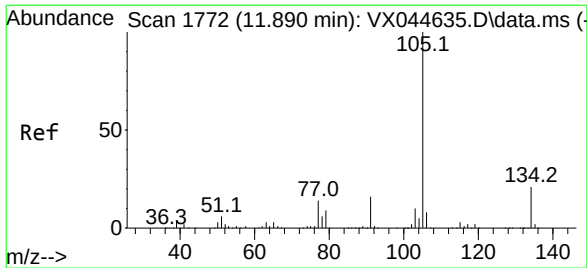
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.146 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

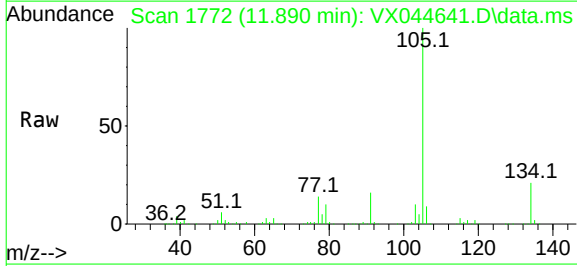
Tgt Ion:105 Resp: 161937
Ion Ratio Lower Upper
105 100
120 44.1 0.0 87.2





#81
sec-Butylbenzene
Concen: 20.780 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

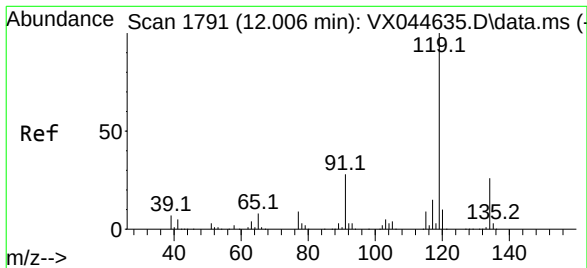
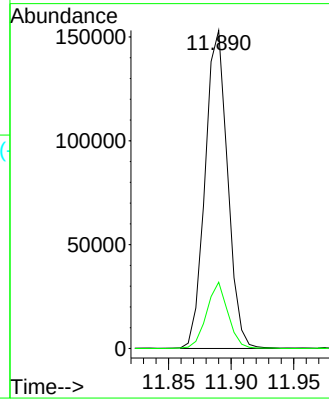
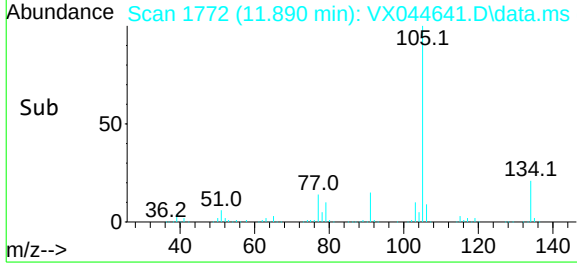
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion:105 Resp: 191852
Ion Ratio Lower Upper
105 100
134 19.8 0.0 38.8

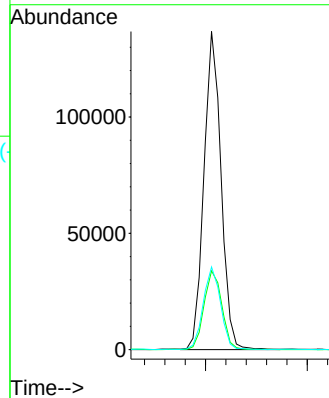
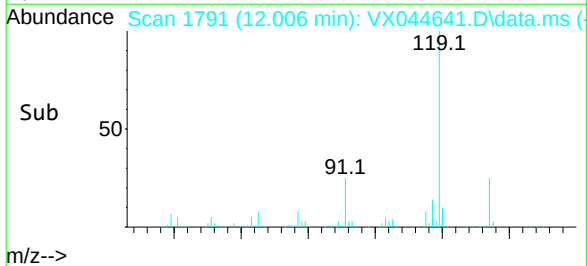
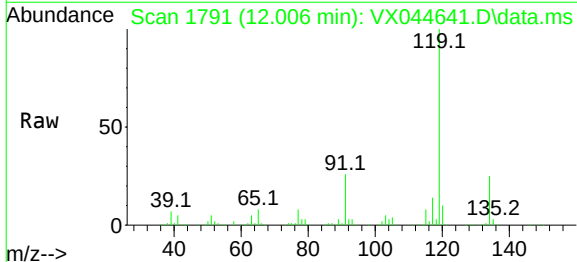
Manual Integrations
APPROVED

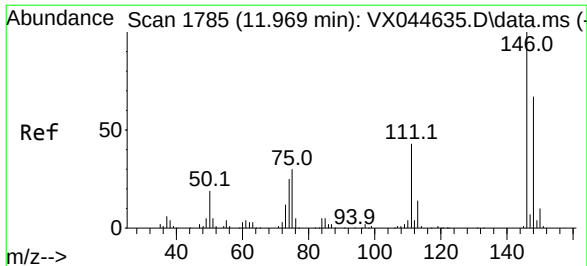
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 20.784 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion:119 Resp: 159544
Ion Ratio Lower Upper
119 100
134 25.8 0.0 53.8
91 26.4 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 20.543 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

Tgt Ion:146 Resp: 81668

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

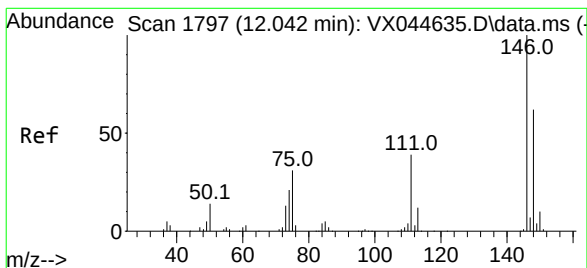
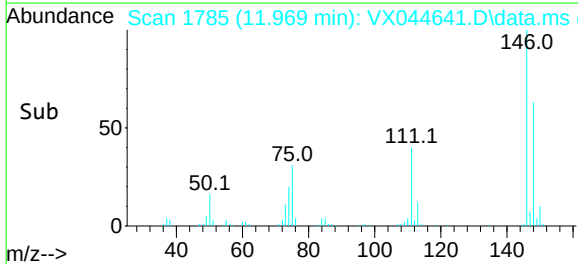
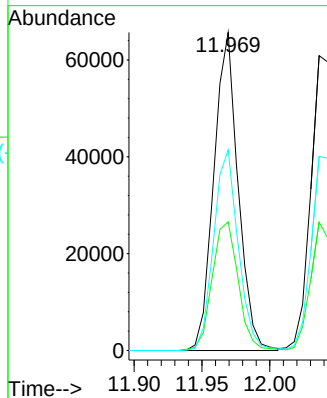
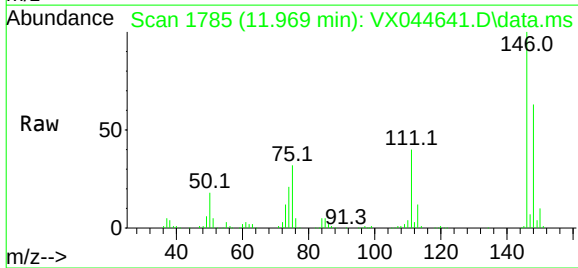
148 63.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 20.370 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

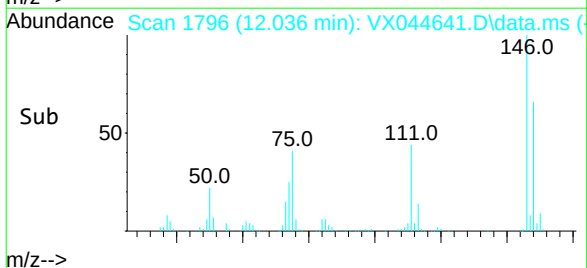
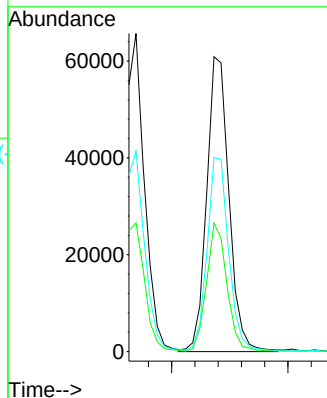
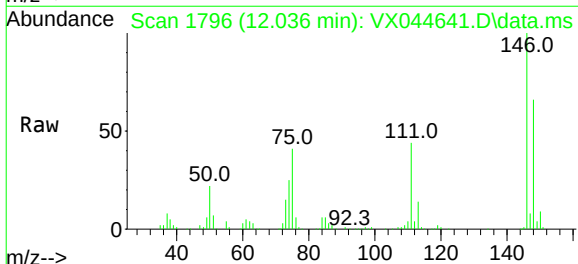
Tgt Ion:146 Resp: 80995

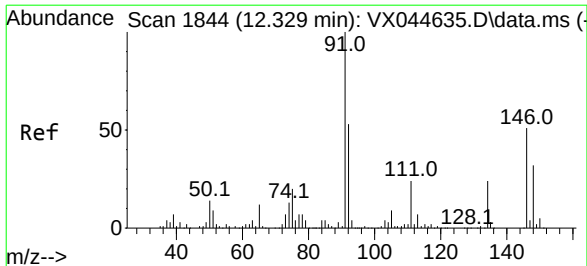
Ion Ratio Lower Upper

146 100

111 39.4 21.1 63.1

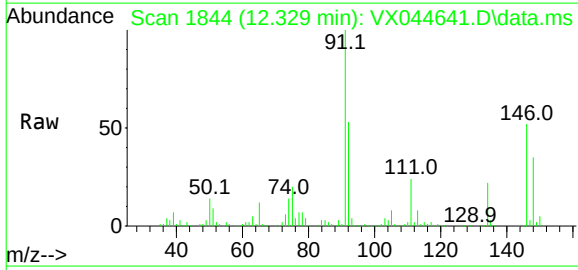
148 63.9 32.6 98.0





#85
n-Butylbenzene
Concen: 21.275 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

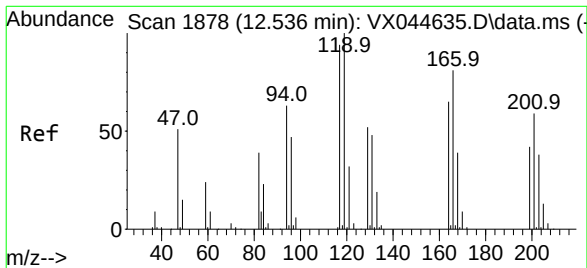
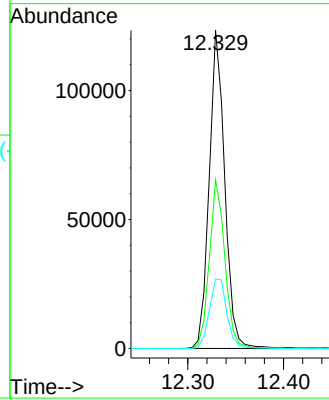
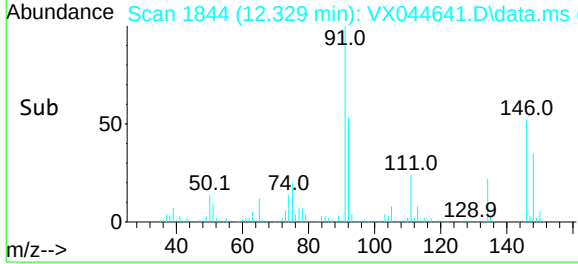
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



Tgt Ion: 91 Resp: 139011
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.0
134 24.7 0.0 50.0

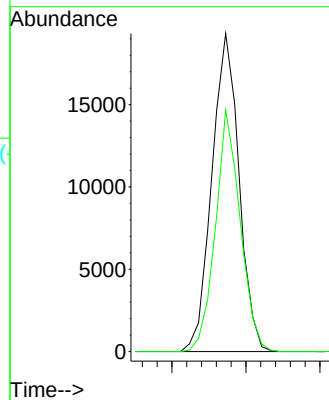
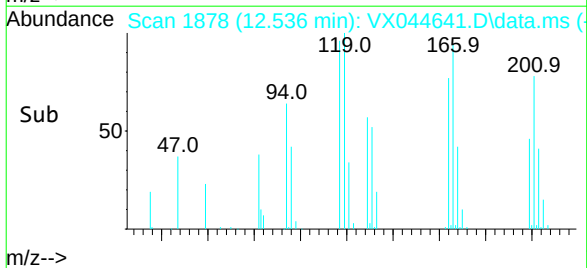
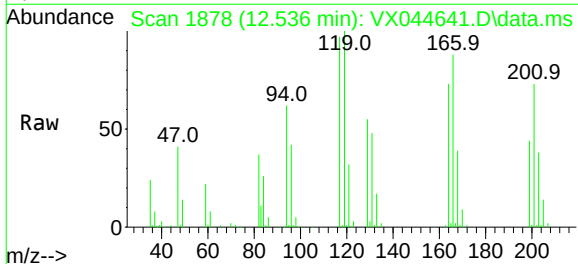
Manual Integrations
APPROVED

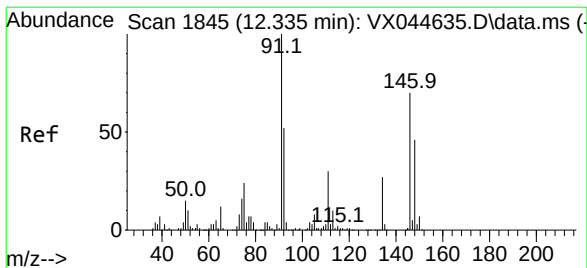
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 20.339 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

Tgt Ion:117 Resp: 24599
Ion Ratio Lower Upper
117 100
201 69.4 32.8 98.4





#87

1,2-Dichlorobenzene

Concen: 21.941 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

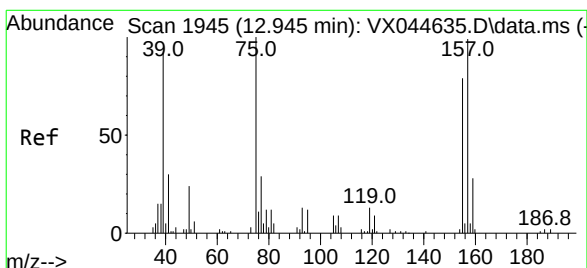
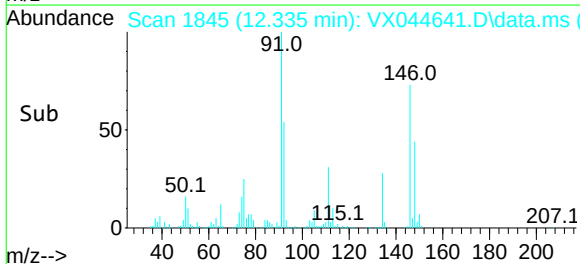
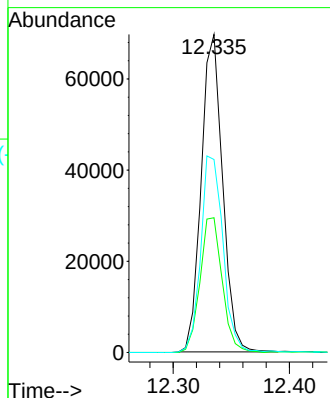
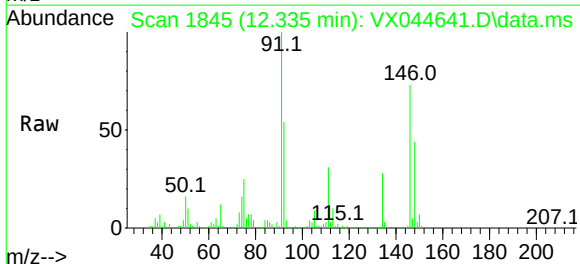
Tgt Ion:	146	Resp:	88965
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.9	65.7
148	64.5	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.942 ug/l

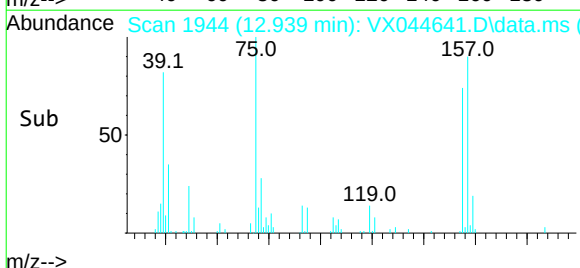
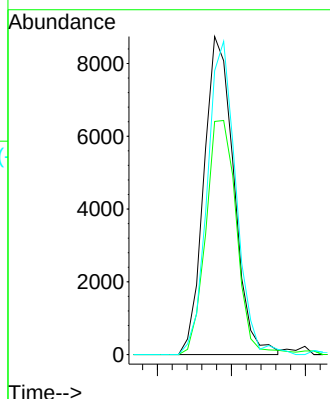
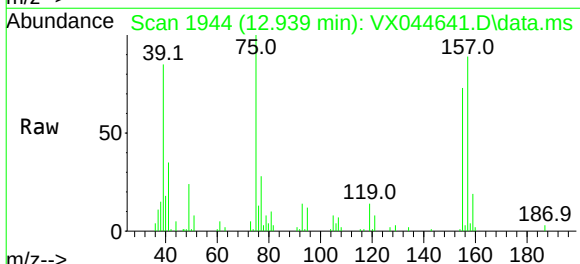
RT: 12.939 min Scan# 1944

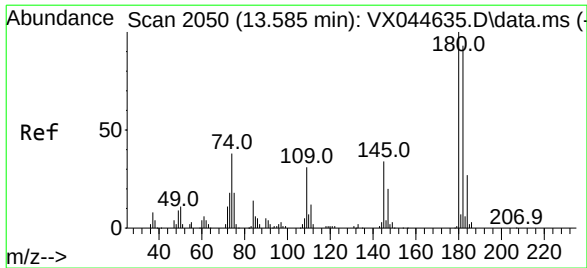
Delta R.T. -0.006 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Tgt Ion:	75	Resp:	12283
Ion Ratio	Lower	Upper	
75	100		
155	74.4	60.6	90.8
157	92.8	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 22.988 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS02

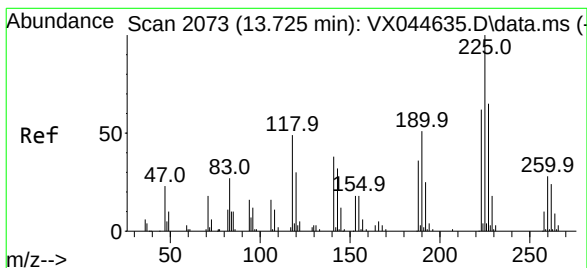
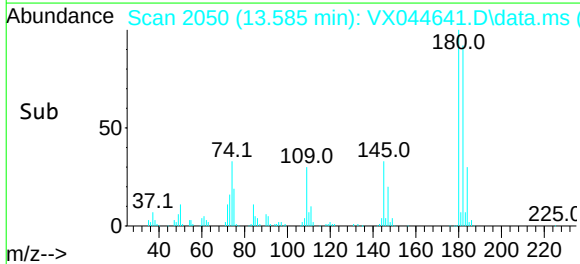
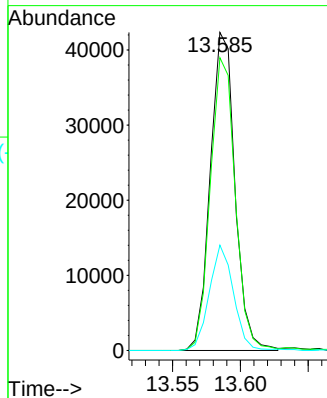
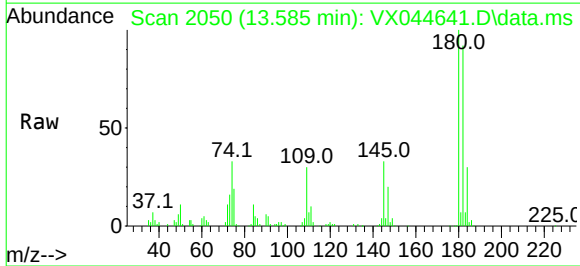
Tgt Ion:	180	Resp:	53498
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.9	113.9
145	32.5	26.7	40.1

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 23.421 ug/l

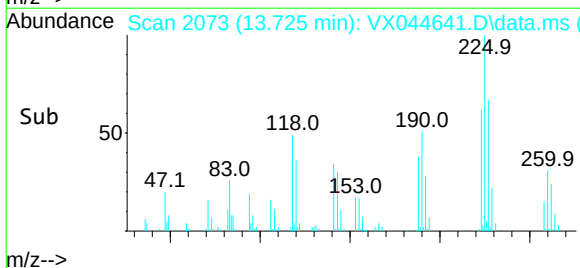
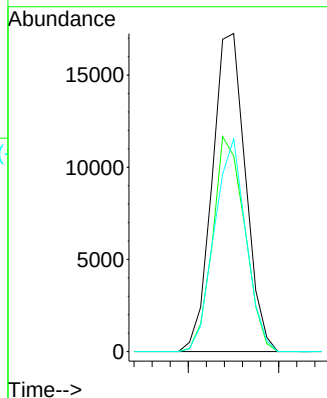
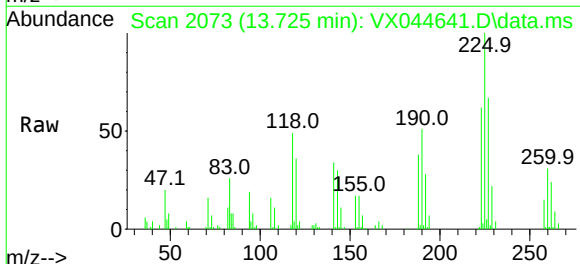
RT: 13.725 min Scan# 2073

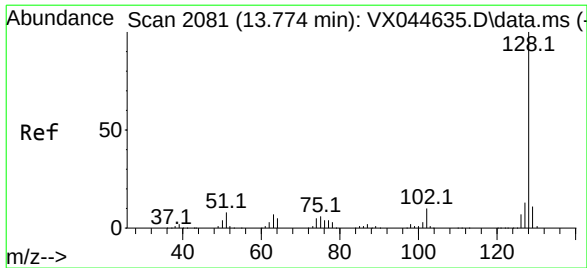
Delta R.T. 0.000 min

Lab File: VX044641.D

Acq: 09 Jan 2025 03:11

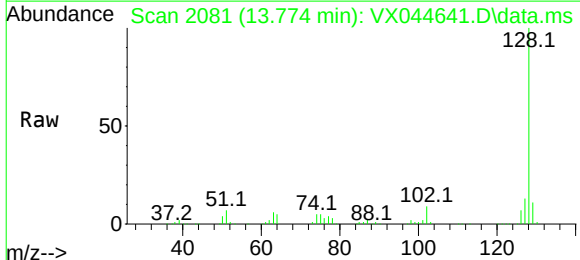
Tgt Ion:	225	Resp:	22078
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	124.0
227	63.6	0.0	134.6





#91
Naphthalene
Concen: 24.261 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11

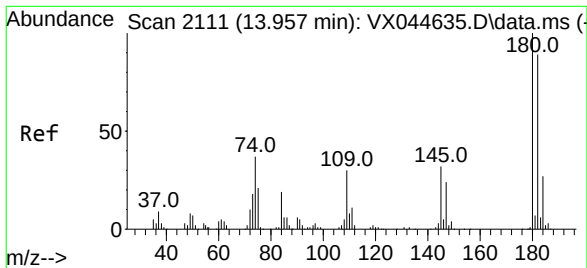
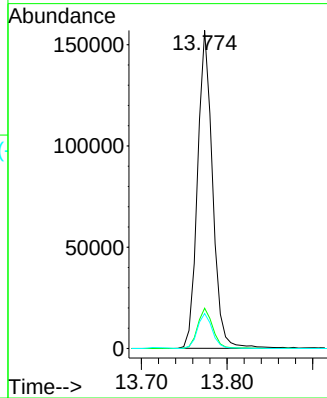
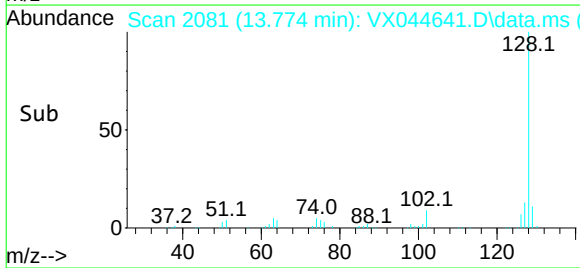
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS02



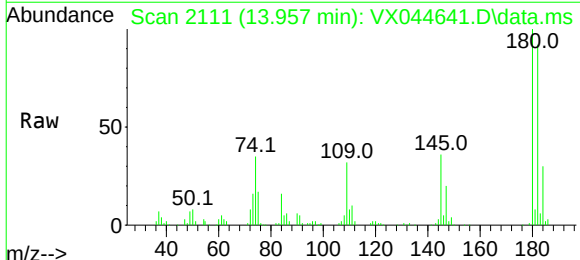
Tgt Ion:128 Resp: 191089
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#92
1,2,3-Trichlorobenzene
Concen: 23.526 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044641.D
Acq: 09 Jan 2025 03:11



Tgt Ion:180 Resp: 56252
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.2
145 34.5 0.0 67.0

