

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044642.D
 Acq On : 09 Jan 2025 03:34
 Operator : JC/MD
 Sample : VX0108WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 04:29:59 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	29944	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	147708	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	133739	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	97759	29.820	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	11.079	95	89436	35.820	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	119.400%#		
63) Toluene-d8	8.641	98	225042	30.095	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45454	16.809	ug/l	96
3) Chloromethane	1.294	50	49583	18.270	ug/l	93
4) Vinyl Chloride	1.374	62	47279	18.493	ug/l	100
5) Bromomethane	1.599	94	24860	19.293	ug/l	90
6) Chloroethane	1.666	64	28090	19.633	ug/l	93
7) Trichlorofluoromethane	1.874	101	65289	16.615	ug/l	95
8) Diethyl Ether	2.130	74	26847	17.777	ug/l	92
9) 1,1,2-Trichlorotrifluoro...	2.325	101	38420	18.195	ug/l	96
10) 1,1-Dichloroethene	2.313	96	42534	20.486	ug/l	82
11) Methyl Iodide	2.447	142	58348	20.107	ug/l	97
12) Methyl Acetate	2.703	43	52913	18.055	ug/l	96
13) Acrolein	2.233	56	51065	94.948	ug/l	99
14) Acrylonitrile	3.062	53	101039	91.741	ug/l	99
15) Acetone	2.380	58	30113	107.589	ug/l	84
16) Carbon Disulfide	2.508	76	75354	16.555	ug/l	98
17) Allyl chloride	2.660	41	63057	17.615	ug/l	98
18) Methylene Chloride	2.782	84	44927	18.675	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	37937	17.849	ug/l	98
20) Diisopropyl ether	3.757	45	140330	18.659	ug/l	97
21) 1,1-Dichloroethane	3.605	63	77173	18.205	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	48341	18.464	ug/l	99
23) tert-Butyl Alcohol	3.001	59	39348m	94.412	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	140884	18.875	ug/l	99
25) Chloroform	5.086	83	82724	18.190	ug/l	97
26) Cyclohexane	5.458	56	52878	15.765	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	49527	18.602	ug/l	99
30) 2-Butanone	4.556	43	138583	100.258	ug/l #	98
31) 2,2-Dichloropropane	4.471	77	58609	18.816	ug/l #	74
32) 1,1,1-Trichloroethane	5.379	97	68881	18.748	ug/l	98
33) Carbon Tetrachloride	5.672	117	53402	17.847	ug/l	95
34) Benzene	6.031	78	161688	19.489	ug/l	98
35) Methacrylonitrile	4.922	41	33338	20.520	ug/l	95
36) 1,2-Dichloroethane	6.080	62	71079	20.500	ug/l #	86
37) Trichloroethene	7.123	130	37678	18.166	ug/l	98
38) Methylcyclohexane	7.373	83	54015	16.279	ug/l	99
39) 1,2-Dichloropropane	7.427	63	38657	18.750	ug/l	99
40) Dibromomethane	7.580	93	31444	19.445	ug/l	98
41) Bromodichloromethane	7.818	83	58017	19.103	ug/l	97
42) Vinyl Acetate	3.721	43	572905	98.529	ug/l	100

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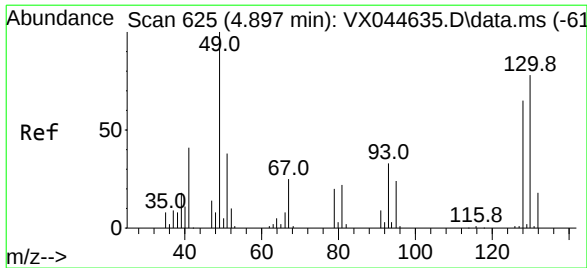
Manual Integrations
 APPROVED

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

Quant Time: Jan 09 04:29:59 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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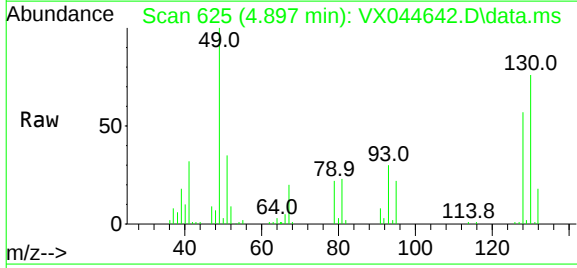
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	53573	18.621	ug/l #	81
44) Isopropyl Acetate	6.336	43	95092	19.884	ug/l	100
45) 1,4-Dioxane	7.665	88	12501	373.078	ug/l	96
46) Methyl methacrylate	7.690	41	46395	19.900	ug/l	98
47) n-amyl Acetate	10.842	43	79977	20.625	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	57520	19.568	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	61253	18.252	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	39514	19.276	ug/l	98
51) Ethyl methacrylate	9.116	69	62606	19.995	ug/l	98
52) 1,3-Dichloropropane	9.305	76	71285	20.293	ug/l	99
53) Dibromochloromethane	9.519	129	40302	18.901	ug/l	99
54) 1,2-Dibromoethane	9.604	107	40448	19.177	ug/l	95
55) 2-Chloroethyl vinyl ether	8.238	63	152374	98.767	ug/l	99
56) Bromoform	10.799	173	26458	20.120	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	286579	105.070	ug/l	100
59) 2-Hexanone	9.433	43	203572	108.065	ug/l	99
61) Tetrachloroethene	9.269	164	32523	18.929	ug/l	96
62) Toluene	8.714	91	170055	19.323	ug/l	100
64) Chlorobenzene	10.079	112	104574	19.141	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	37623	20.284	ug/l	95
66) Ethyl Benzene	10.189	91	179659	18.985	ug/l	98
67) m/p-Xylenes	10.299	106	132025	37.104	ug/l	97
68) o-Xylene	10.640	106	75807	21.828	ug/l	100
69) Styrene	10.653	104	128738	22.319	ug/l	97
70) Isopropylbenzene	10.957	105	197140	22.022	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	68311	24.515	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	60387m	24.844	ug/l	
73) Bromobenzene	11.195	156	49918	23.722	ug/l	97
74) n-propylbenzene	11.299	91	211858	20.879	ug/l	100
75) 2-Chlorotoluene	11.360	91	140948	22.101	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	164532	22.109	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	16611	21.504	ug/l	95
78) 4-Chlorotoluene	11.451	91	158053	22.316	ug/l	98
79) tert-butylbenzene	11.713	119	162029	22.171	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	164154	22.382	ug/l	99
81) sec-Butylbenzene	11.890	105	187655	21.223	ug/l	100
82) p-Isopropyltoluene	12.006	119	159485	21.694	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	85886	22.558	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	85477	22.447	ug/l	96
85) n-Butylbenzene	12.329	91	126444	20.206	ug/l	99
86) Hexachloroethane	12.536	117	22974	19.835	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	89798	23.124	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11602	21.641	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	46489	20.859	ug/l	98
90) Hexachlorobutadiene	13.725	225	18022	19.963	ug/l	96
91) Naphthalene	13.774	128	176135	23.350	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	49618	21.668	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
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

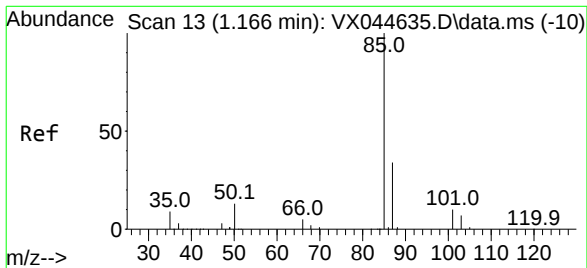
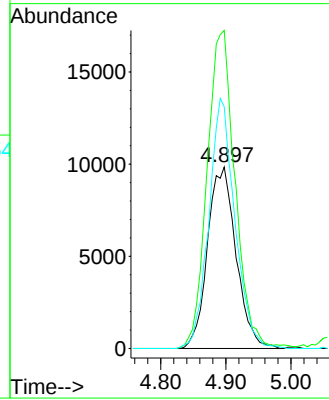
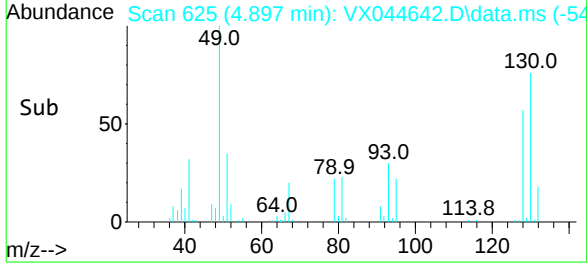
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion:128 Resp: 29944
Ion Ratio Lower Upper
128 100
49 170.9 0.0 425.8
130 125.9 0.0 319.8

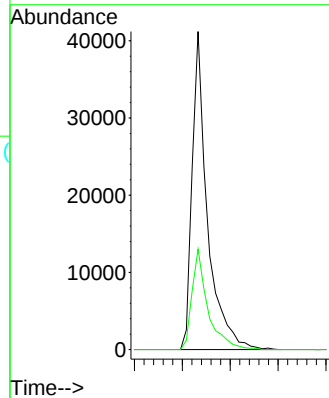
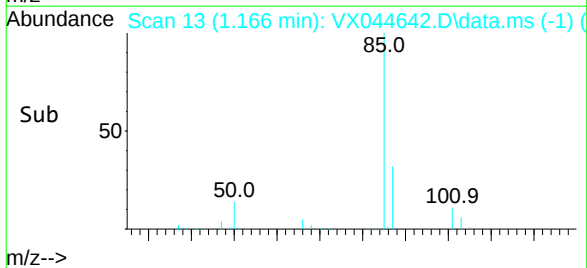
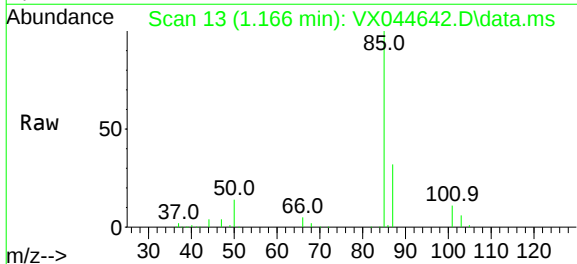
Manual Integrations
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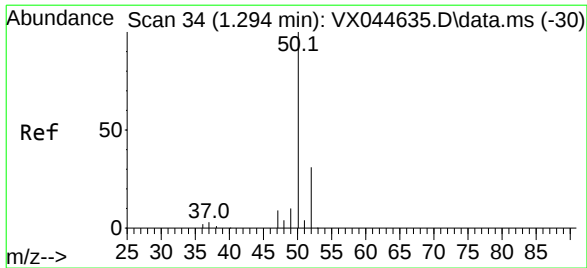
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 16.809 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 85 Resp: 45454
Ion Ratio Lower Upper
85 100
87 31.6 17.0 51.0





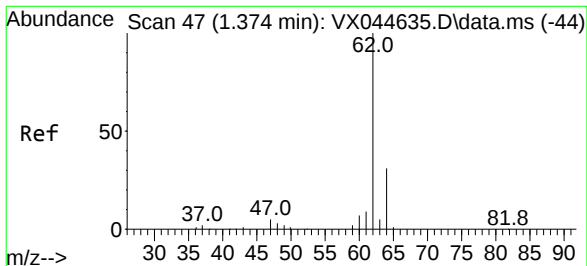
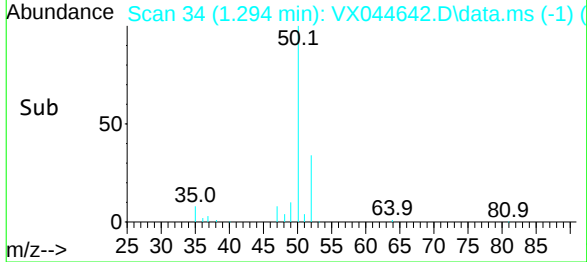
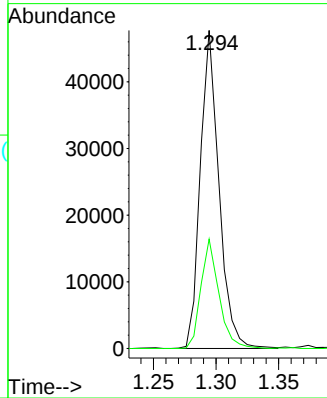
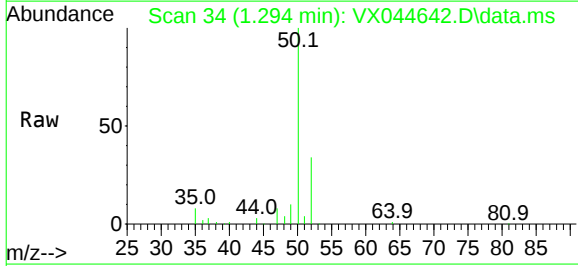
#3
Chloromethane
Concen: 18.270 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 50 Resp: 49583
Ion Ratio Lower Upper
50 100
52 34.4 24.5 36.7

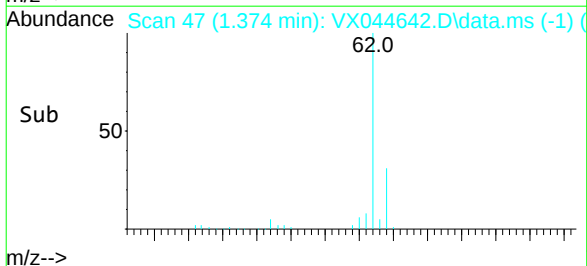
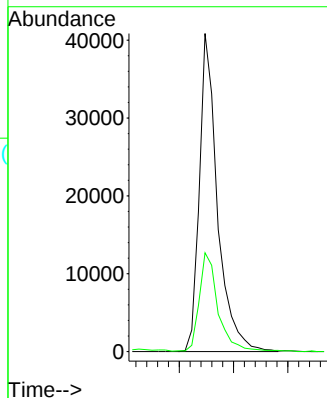
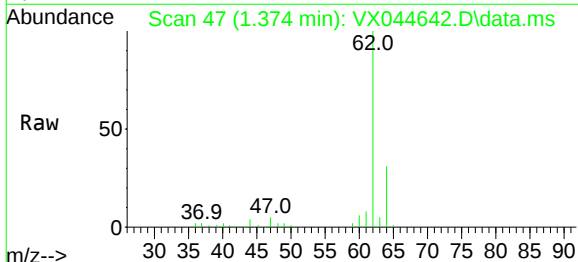
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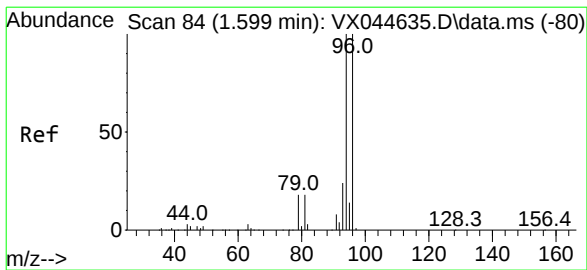
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 18.493 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

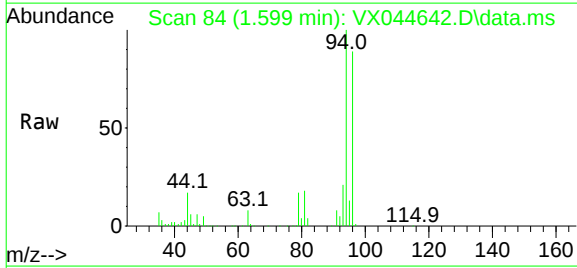
Tgt Ion: 62 Resp: 47279
Ion Ratio Lower Upper
62 100
64 30.8 24.7 37.1





#5
Bromomethane
Concen: 19.293 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

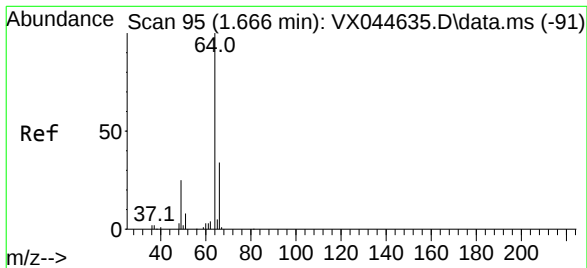
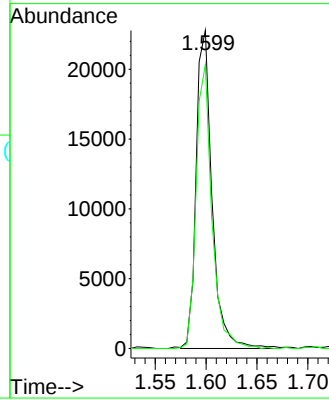
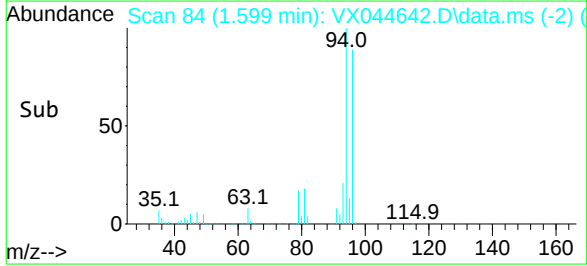
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 94 Resp: 24860
Ion Ratio Lower Upper
94 100
96 89.5 79.9 119.9

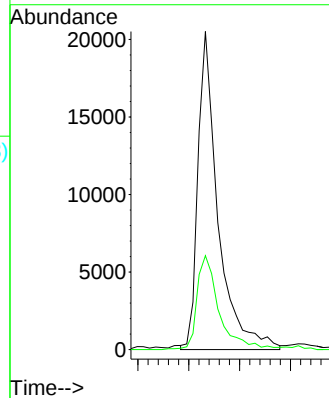
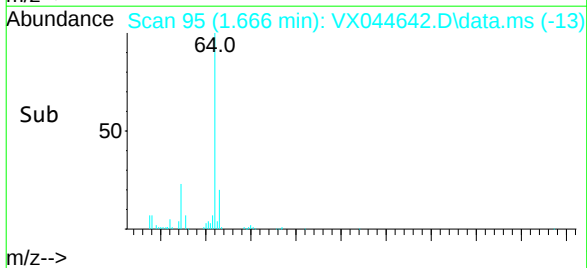
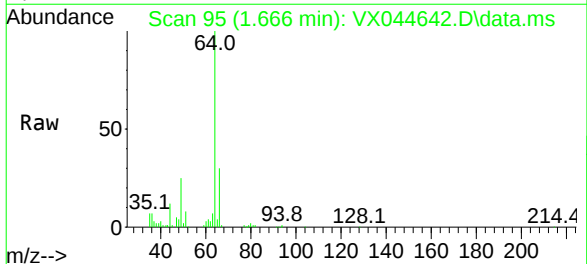
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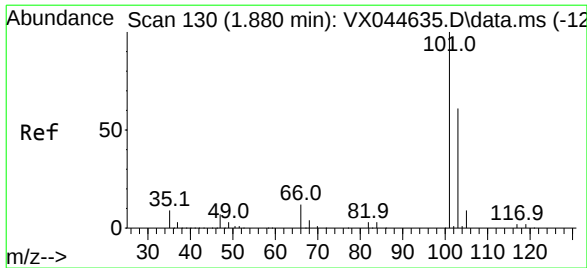
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 19.633 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

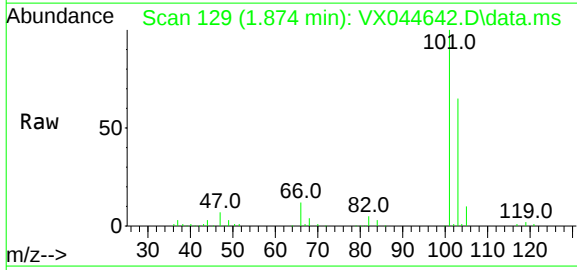
Tgt Ion: 64 Resp: 28090
Ion Ratio Lower Upper
64 100
66 29.5 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 16.615 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. -0.006 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34

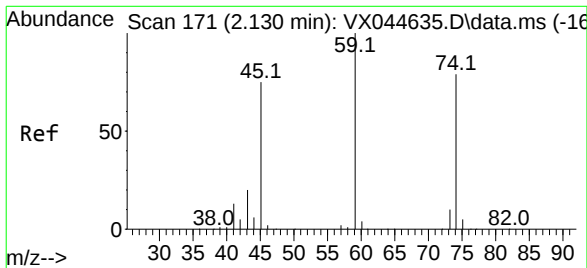
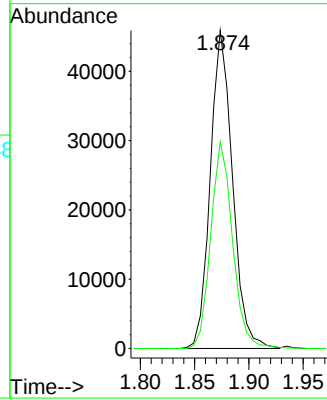
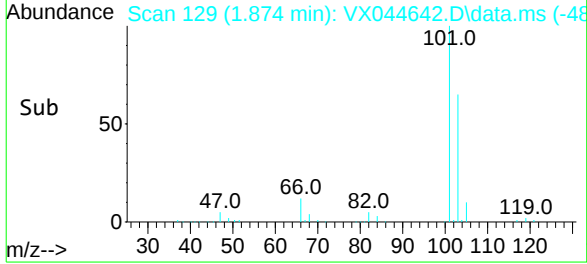
Instrument :
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Tgt Ion:101 Resp: 65289
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.2 73.8

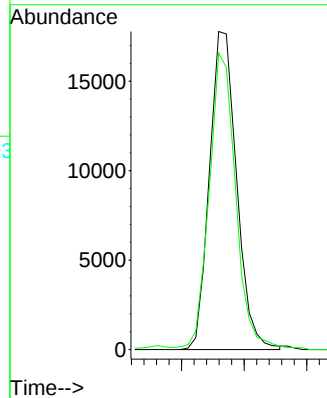
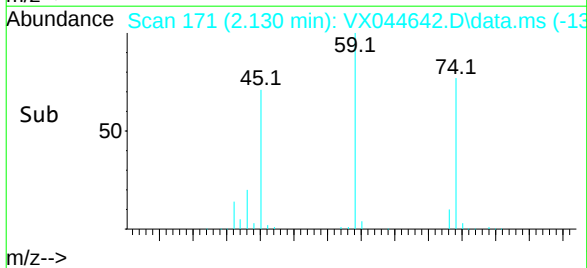
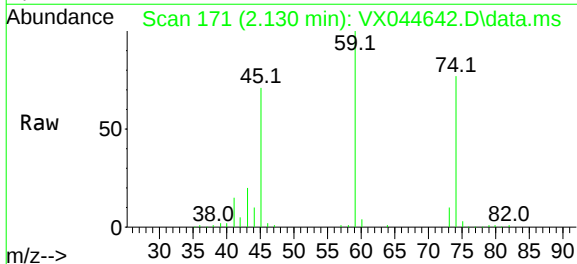
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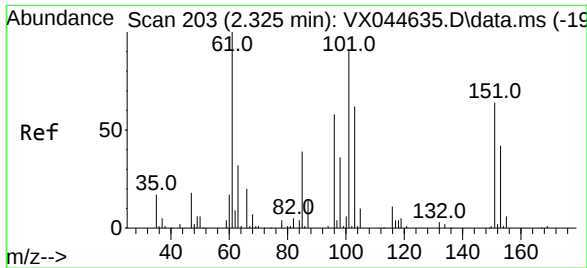
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#8
 Diethyl Ether
 Concen: 17.777 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34

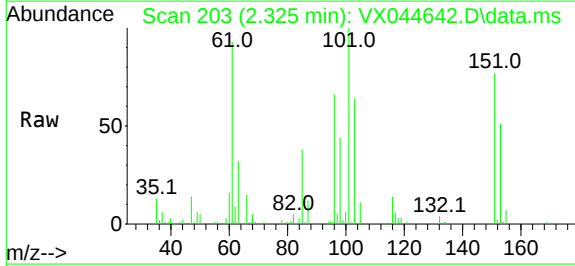
Tgt Ion: 74 Resp: 26847
 Ion Ratio Lower Upper
 74 100
 45 89.4 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.195 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

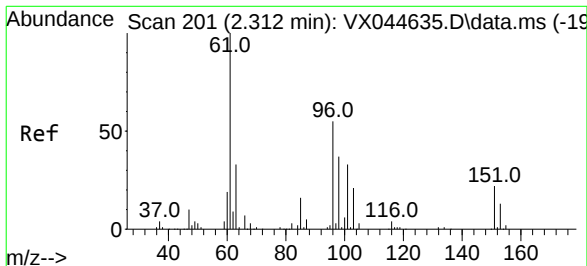
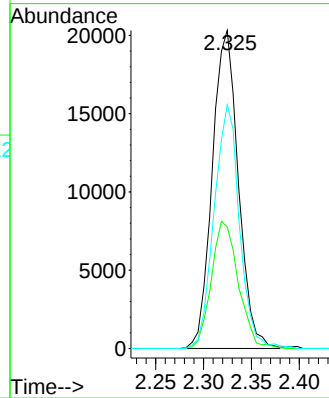
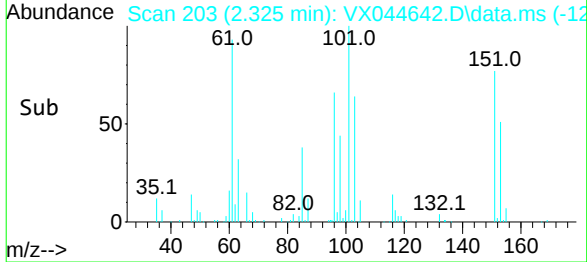
Instrument :
MSVOA_X
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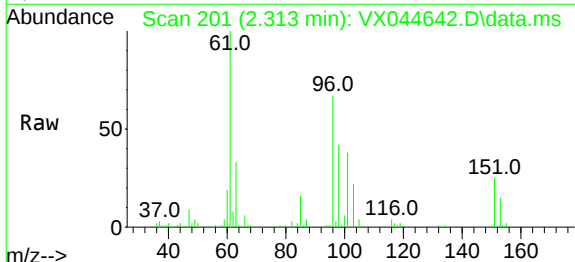
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Ion Ratio Lower Upper
101 100
85 41.1 0.0 93.4
151 74.0 0.0 146.2

Manual Integrations
APPROVED

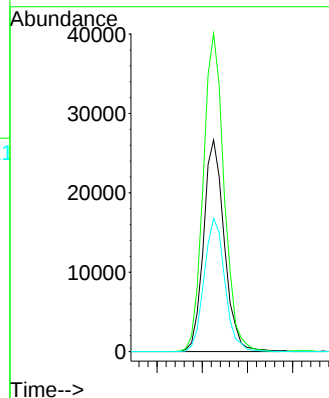
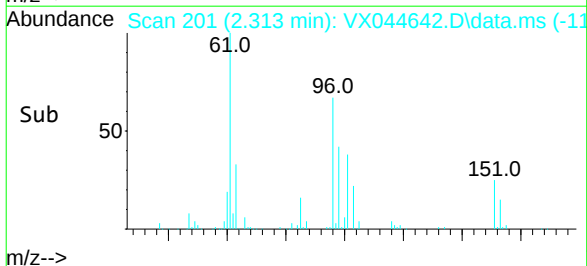
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

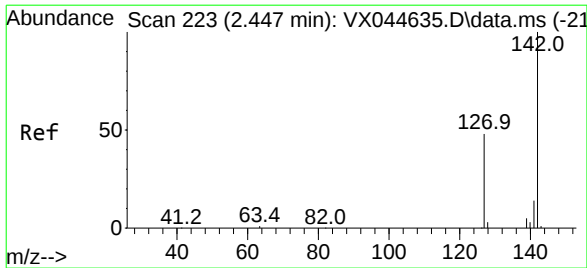


#10
1,1-Dichloroethene
Concen: 20.486 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34



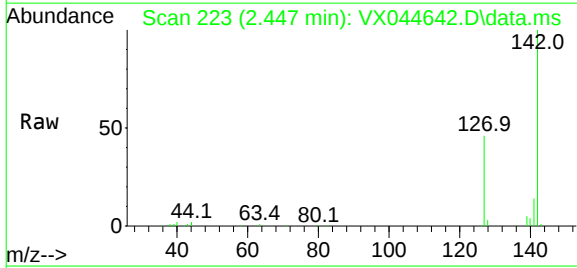
Tgt Ion: 96 Resp: 42534
Ion Ratio Lower Upper
96 100
61 150.3 146.0 219.0
98 63.0 54.6 81.8





#11
Methyl Iodide
Concen: 20.107 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

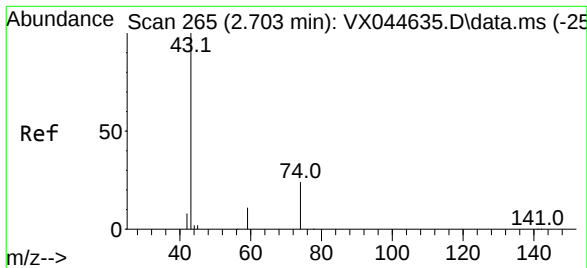
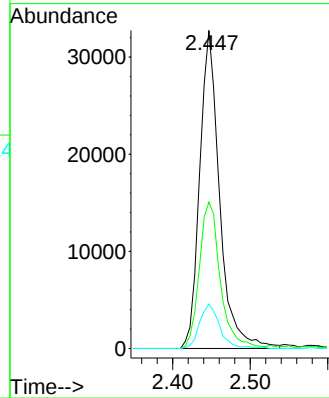
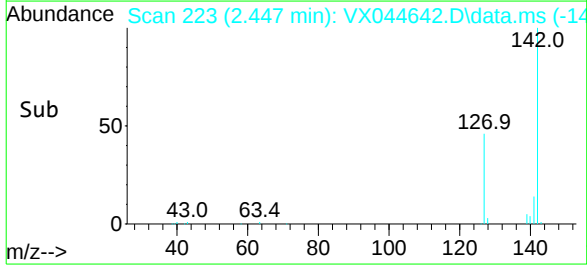
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 142 Resp: 58348
Ion Ratio Lower Upper
142 100
127 45.9 24.1 72.2
141 14.0 7.0 20.9

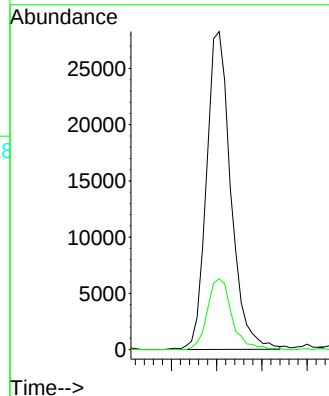
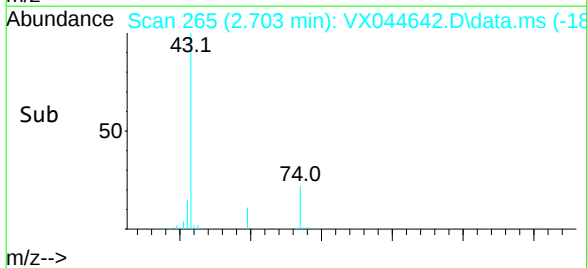
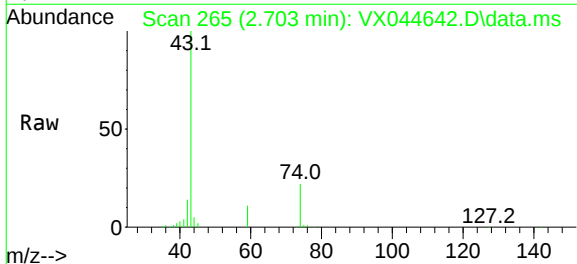
Manual Integrations
APPROVED

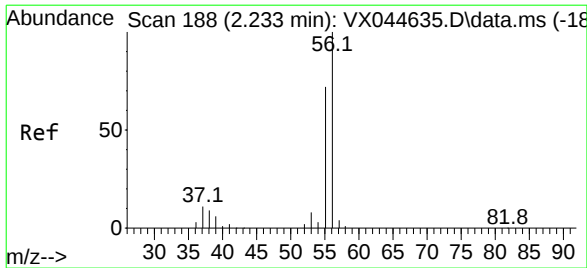
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 18.055 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 43 Resp: 52913
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.0





#13

Acrolein

Concen: 94.948 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 56 Resp: 51065

Ion Ratio Lower Upper

56 100

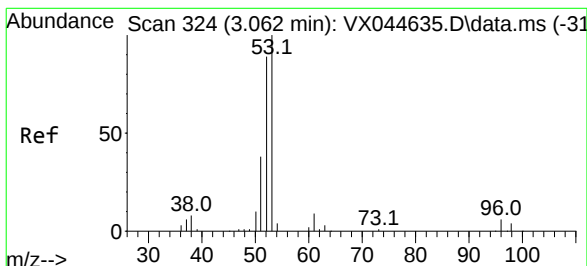
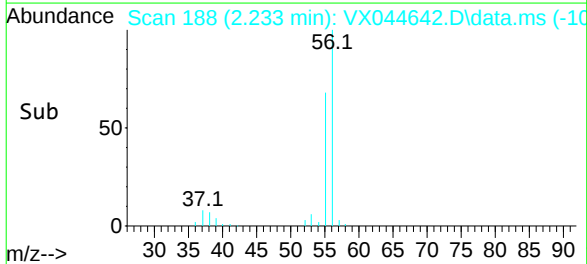
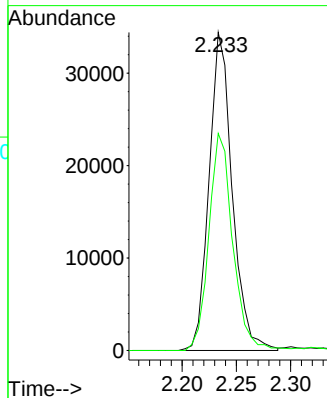
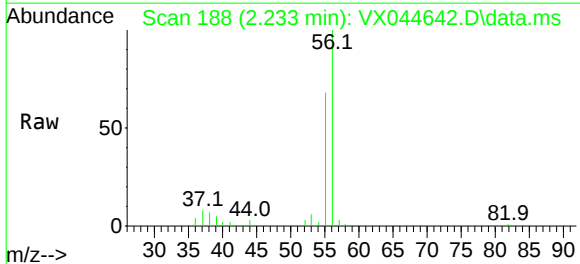
55 69.8 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 91.741 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

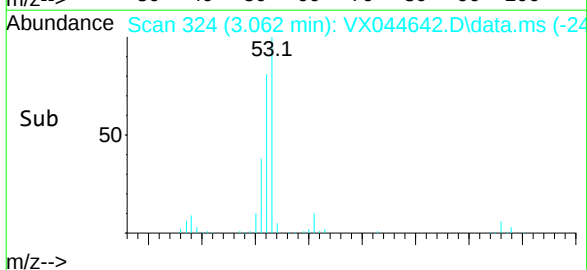
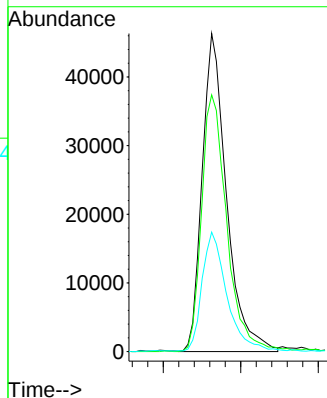
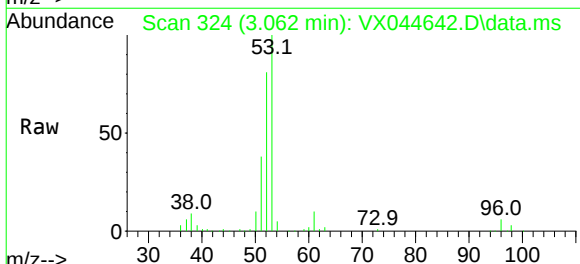
Tgt Ion: 53 Resp: 101039

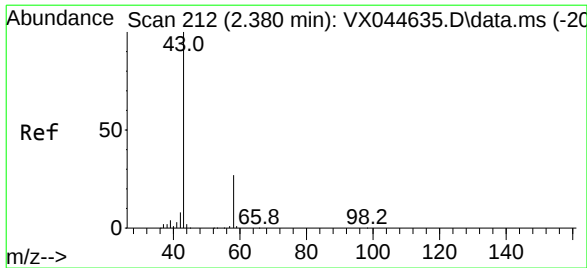
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 38.5 18.4 55.4





#15

Acetone

Concen: 107.589 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 58 Resp: 30113

Ion Ratio Lower Upper

58 100

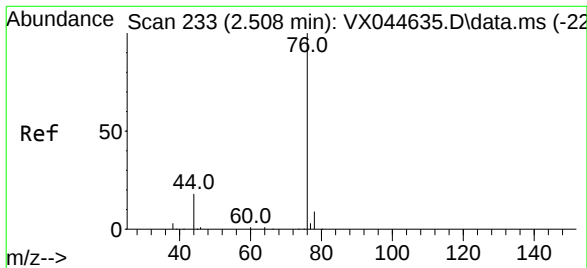
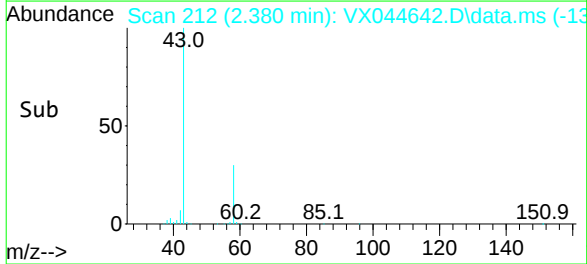
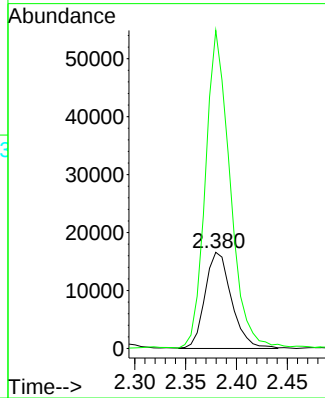
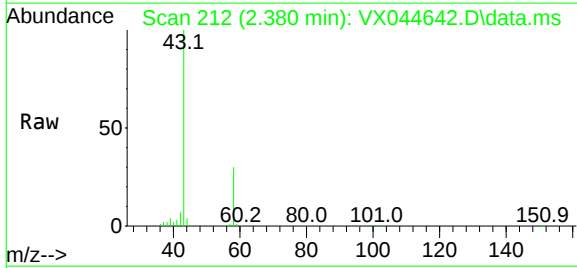
43 331.8 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 16.555 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044642.D

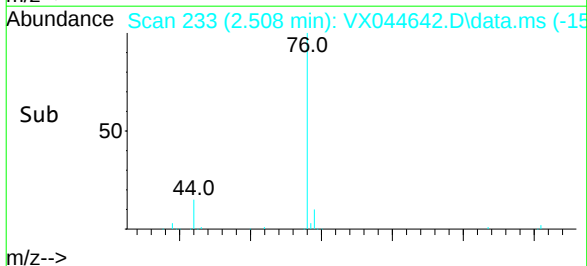
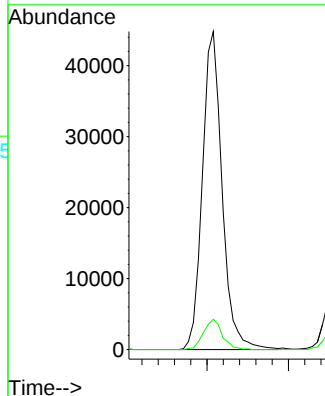
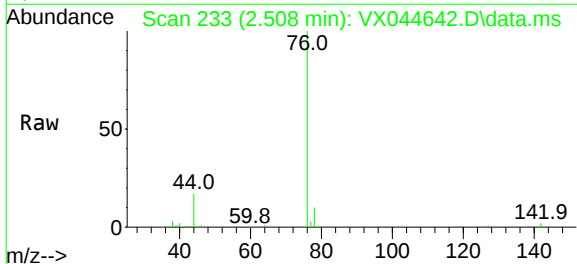
Acq: 09 Jan 2025 03:34

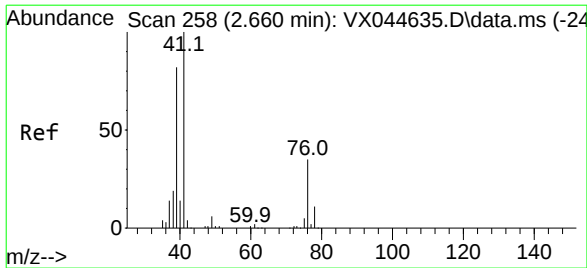
Tgt Ion: 76 Resp: 75354

Ion Ratio Lower Upper

76 100

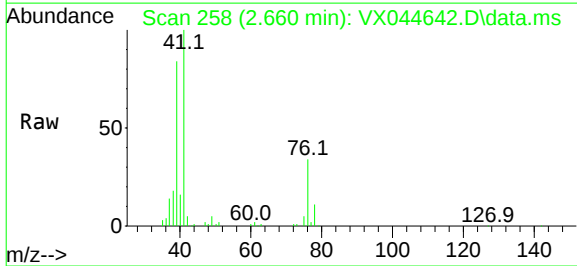
78 9.5 7.0 10.4





#17
 Allyl chloride
 Concen: 17.615 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34

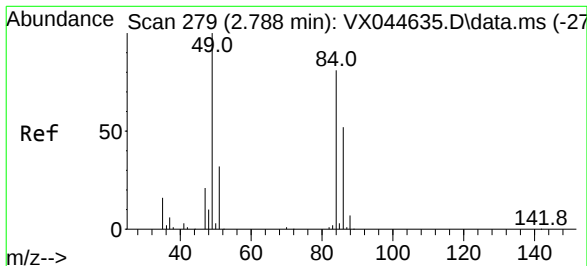
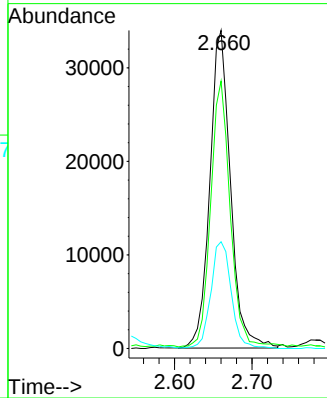
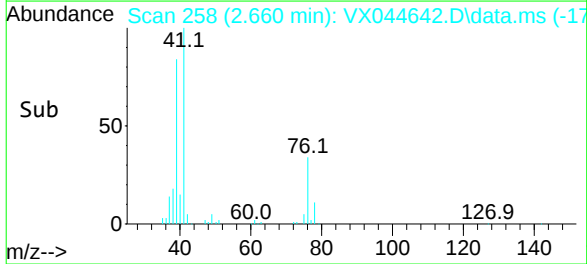
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD02



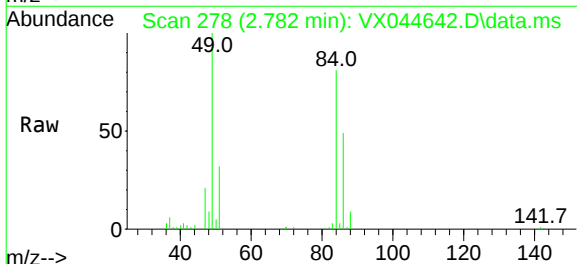
Tgt Ion: 41 Resp: 63057
 Ion Ratio Lower Upper
 41 100
 39 83.7 40.9 122.7
 76 33.6 17.4 52.2

Manual Integrations
 APPROVED

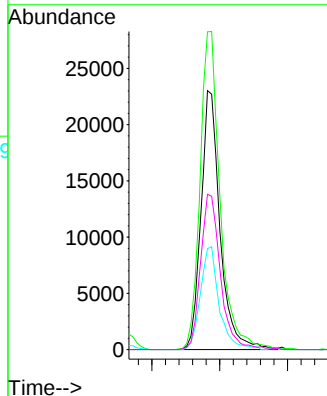
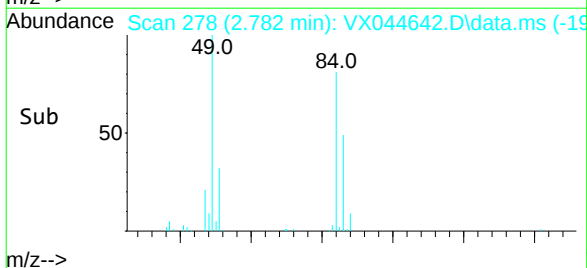
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

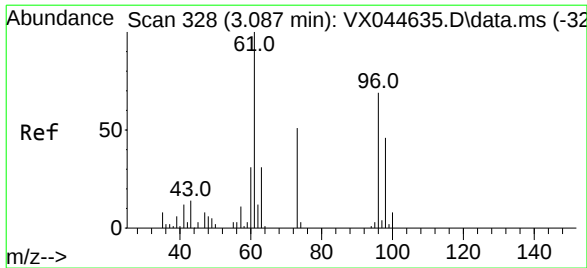


#18
 Methylene Chloride
 Concen: 18.675 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34



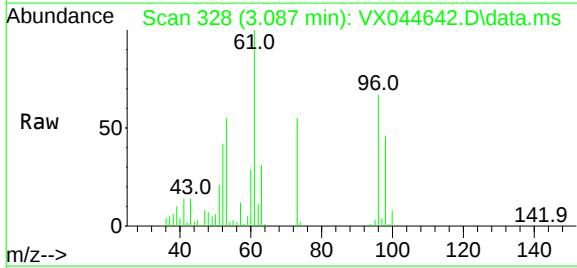
Tgt Ion: 84 Resp: 44927
 Ion Ratio Lower Upper
 84 100
 49 122.5 99.2 148.8
 51 39.0 31.7 47.5
 86 60.0 52.0 78.0





#19
trans-1,2-Dichloroethene
Concen: 17.849 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

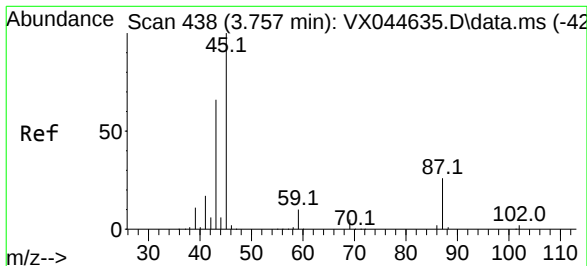
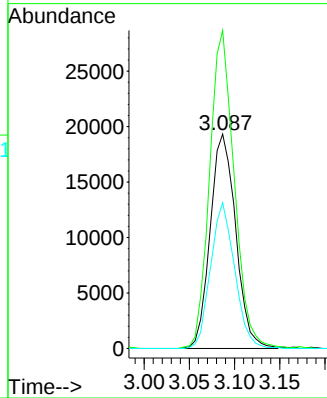
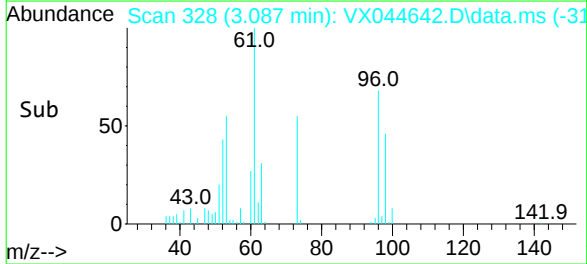
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 96 Resp: 37937
Ion Ratio Lower Upper
96 100
61 148.3 116.6 175.0
98 68.0 53.3 79.9

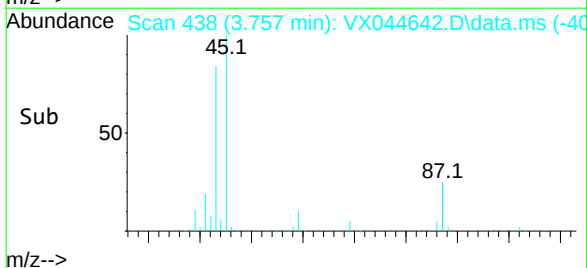
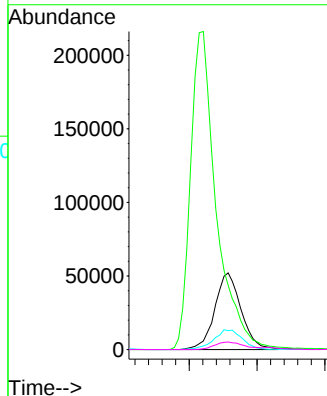
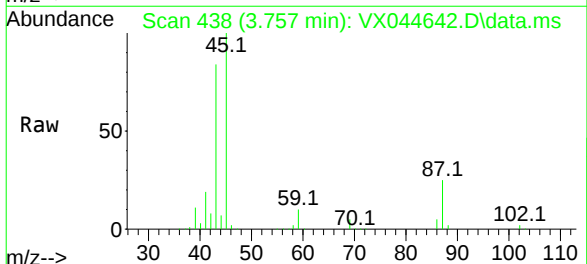
Manual Integrations
APPROVED

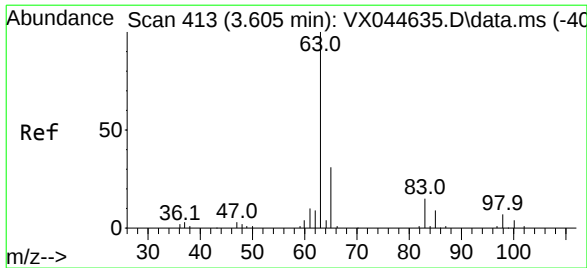
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#20
Diisopropyl ether
Concen: 18.659 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 45 Resp: 140330
Ion Ratio Lower Upper
45 100
43 80.5 62.0 93.0
87 24.6 20.6 30.8
59 9.9 8.4 12.6





#21

1,1-Dichloroethane

Concen: 18.205 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

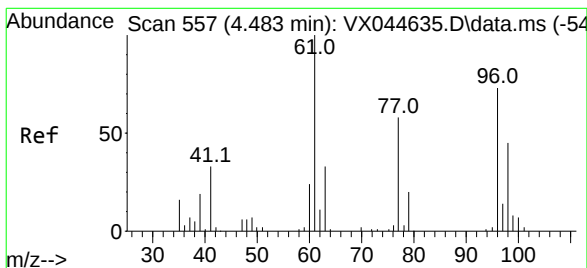
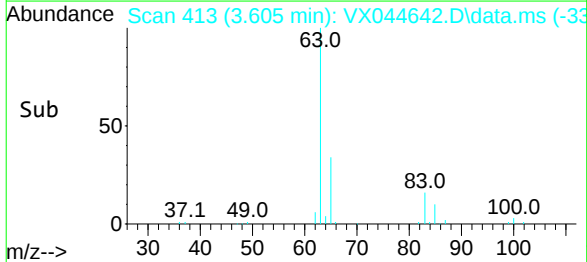
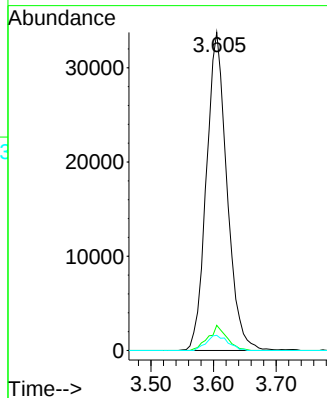
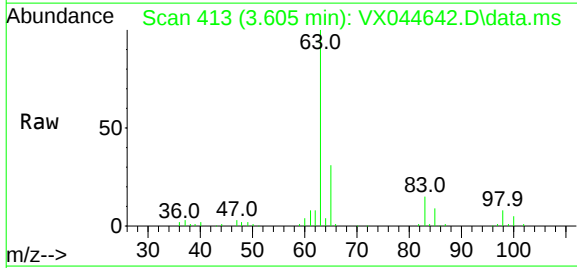
Tgt Ion:	63	Resp:	77173
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.4	10.1
100	4.8	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 18.464 ug/l

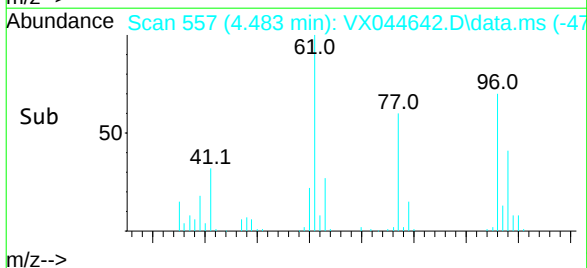
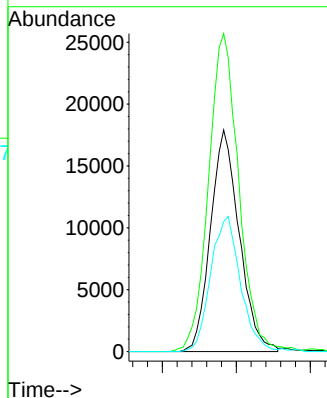
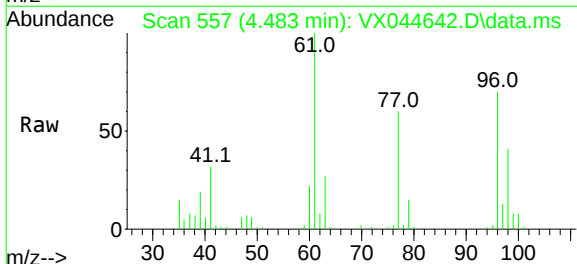
RT: 4.483 min Scan# 557

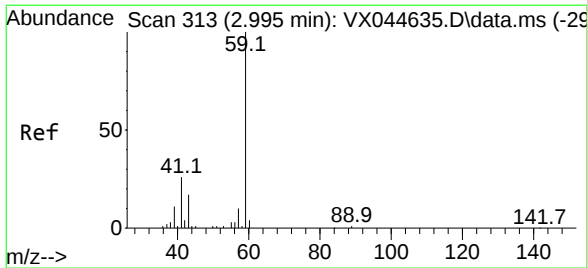
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Tgt Ion:	96	Resp:	48341
Ion	Ratio	Lower	Upper
96	100		
61	151.1	119.8	179.8
98	63.0	51.6	77.4





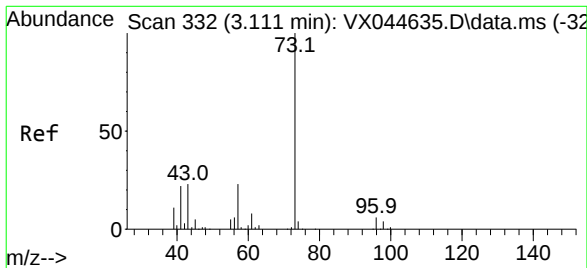
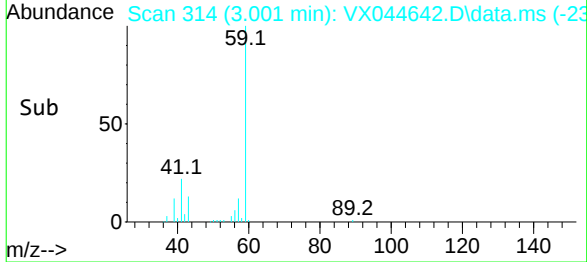
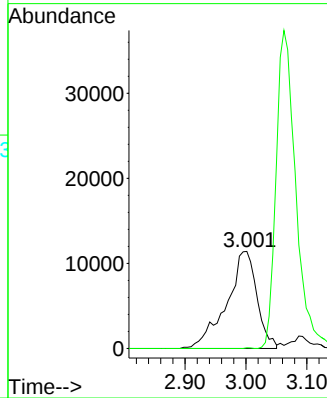
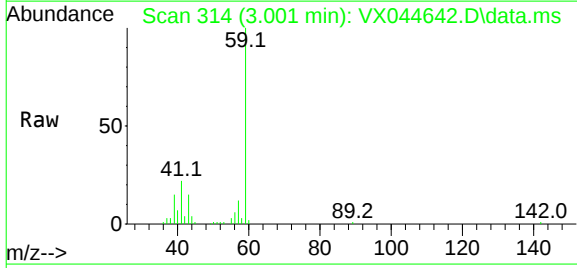
#23
tert-Butyl Alcohol
Concen: 94.412 ug/l m
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 59 Resp: 39348
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

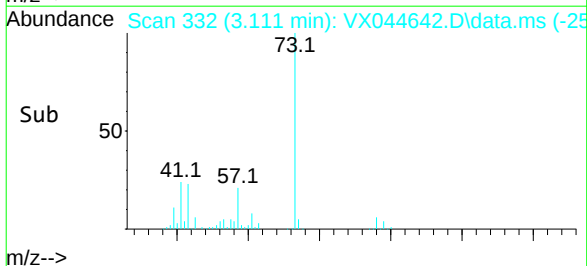
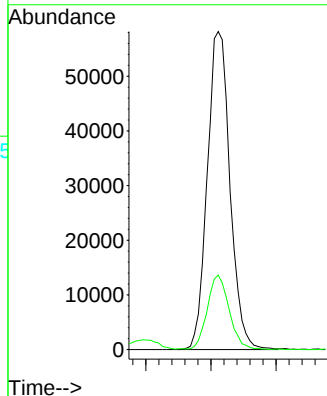
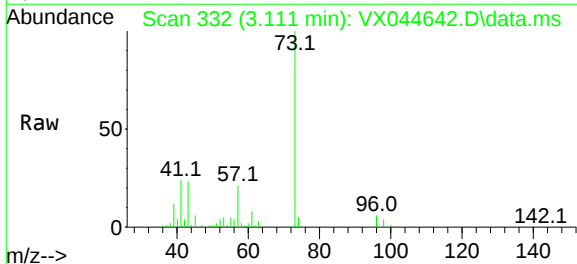
Manual Integrations
APPROVED

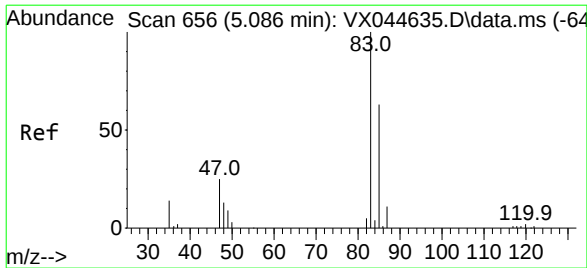
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#24
Methyl tert-Butyl Ether
Concen: 18.875 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 73 Resp: 140884
Ion Ratio Lower Upper
73 100
43 22.6 18.3 27.5





#25

Chloroform

Concen: 18.190 ug/l

RT: 5.086 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 83 Resp: 82724

Ion Ratio Lower Upper

83 100

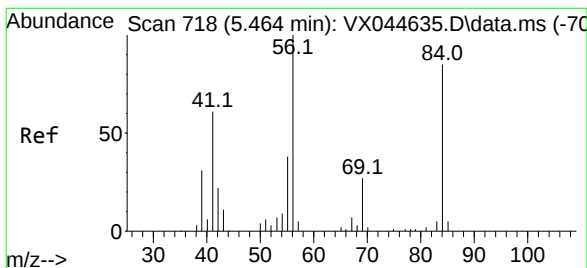
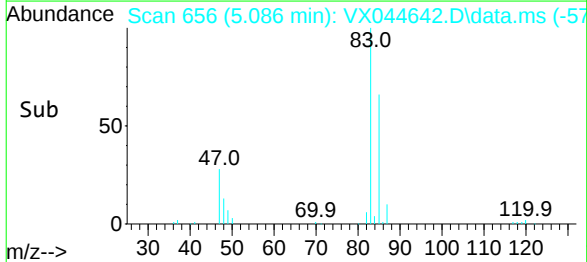
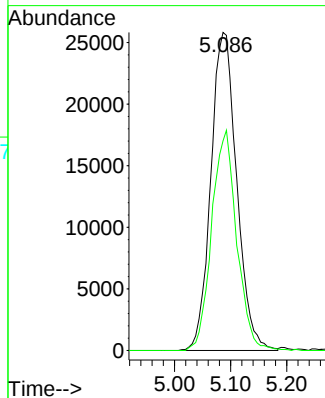
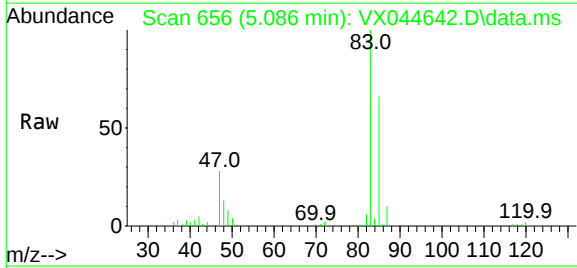
85 65.9 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 15.765 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

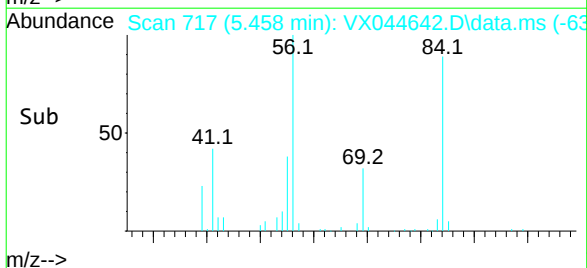
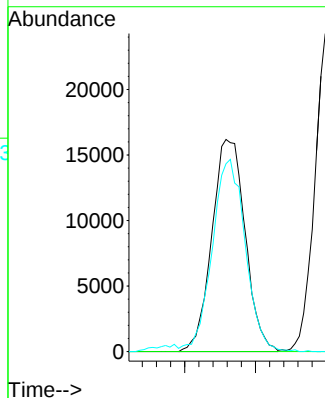
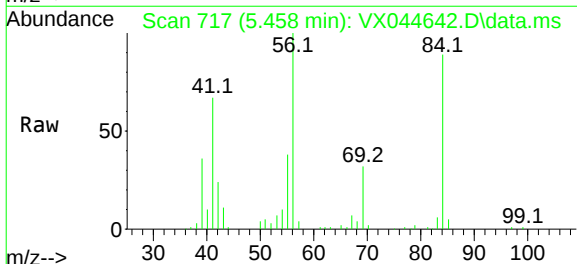
Tgt Ion: 56 Resp: 52878

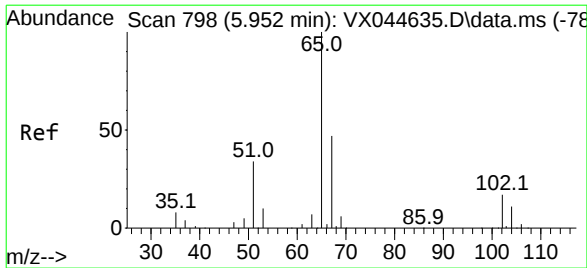
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.3 69.2 103.8





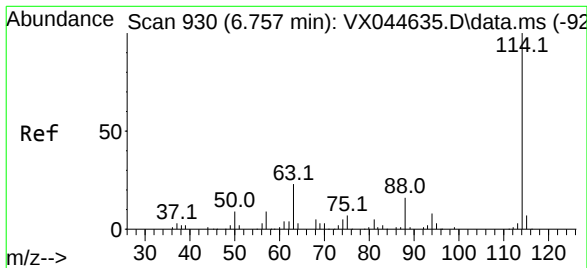
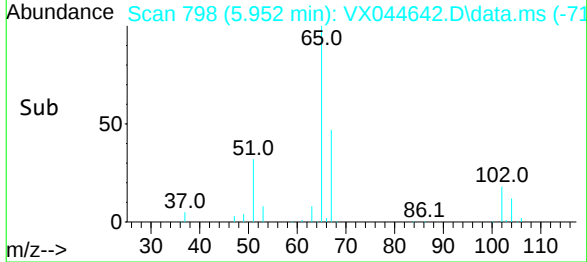
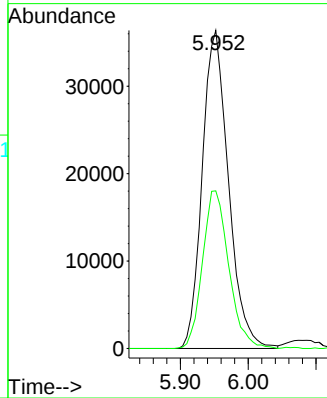
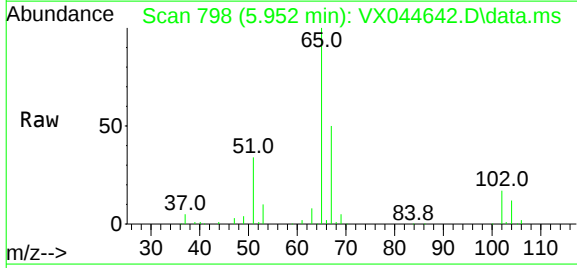
#27
1,2-Dichloroethane-d4
Concen: 29.820 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 65 Resp: 97759
Ion Ratio Lower Upper
65 100
67 49.7 39.1 58.7

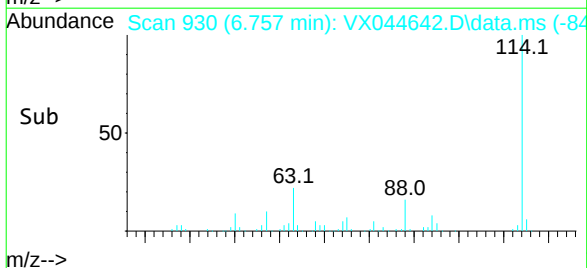
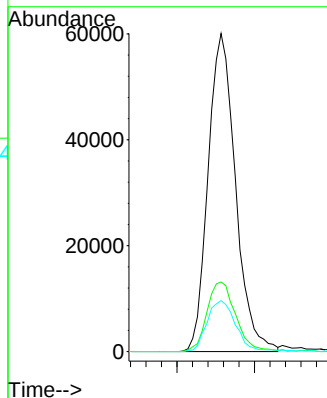
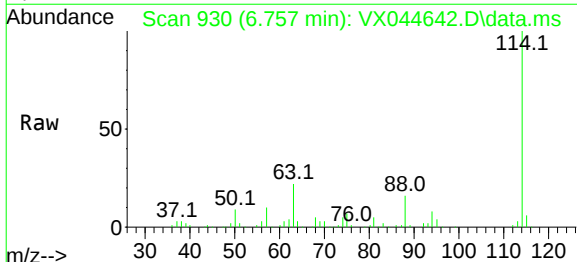
Manual Integrations
APPROVED

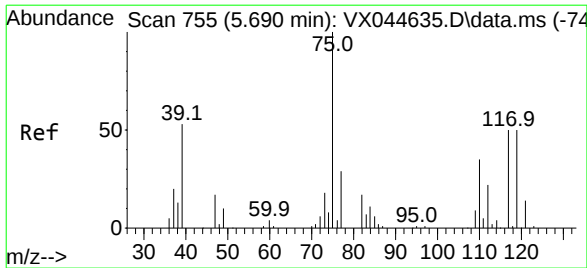
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

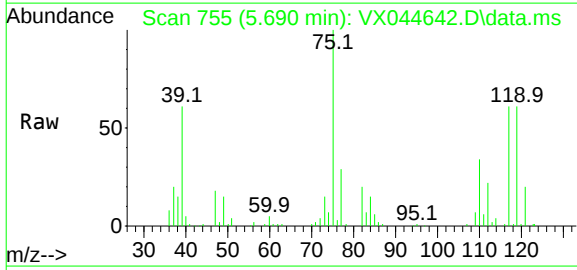
Tgt Ion:114 Resp: 147708
Ion Ratio Lower Upper
114 100
63 22.9 17.7 26.5
88 16.9 13.1 19.7





#29
1,1-Dichloropropene
Concen: 18.602 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

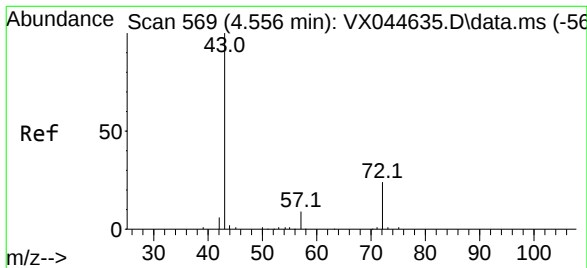
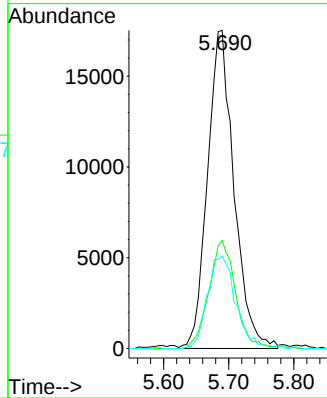
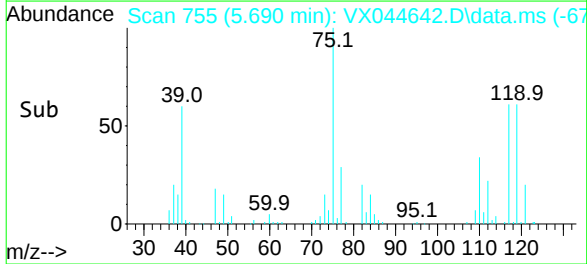
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 75 Resp: 49527
Ion Ratio Lower Upper
75 100
110 33.3 0.0 67.4
77 31.0 0.0 62.8

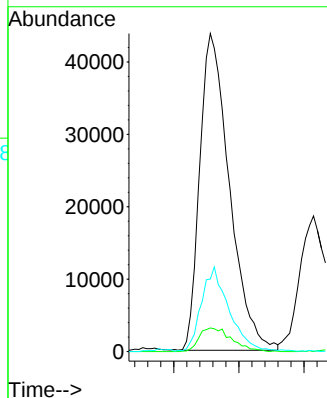
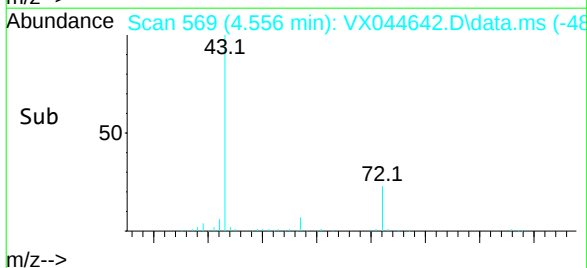
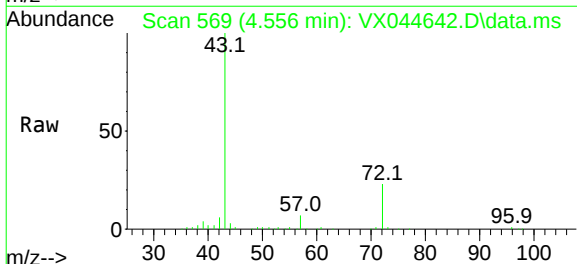
Manual Integrations
APPROVED

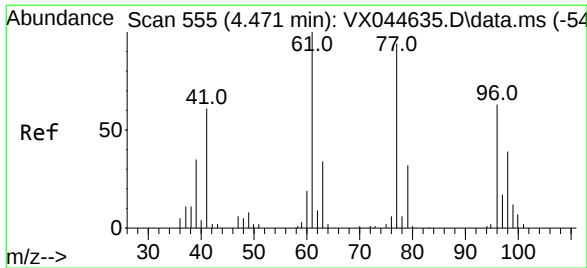
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 100.258 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 43 Resp: 138583
Ion Ratio Lower Upper
43 100
57 4.8 6.4 9.6#
72 24.4 19.4 29.2





#31

2,2-Dichloropropane

Concen: 18.816 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 77 Resp: 58609

Ion Ratio Lower Upper

77 100

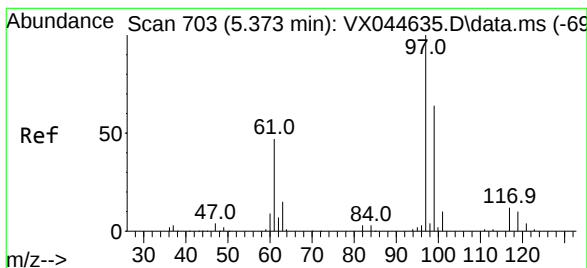
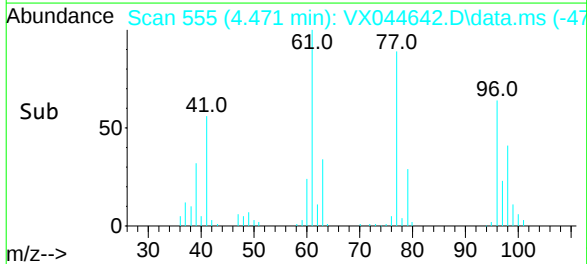
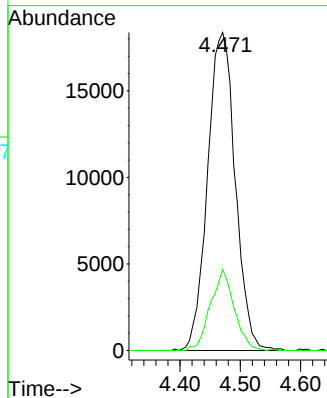
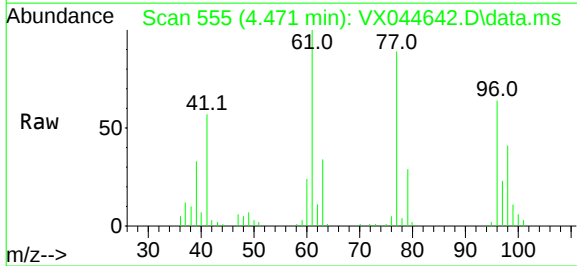
97 21.6 9.3 13.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 18.748 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

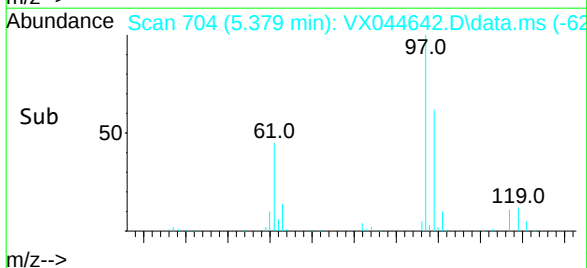
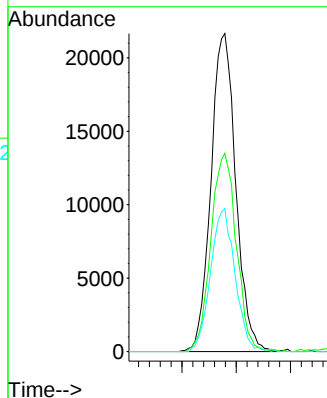
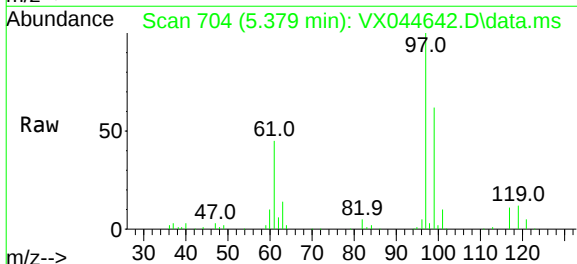
Tgt Ion: 97 Resp: 68881

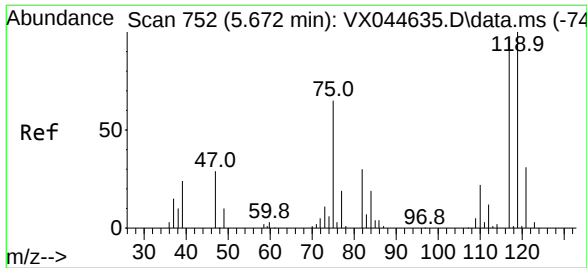
Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.4

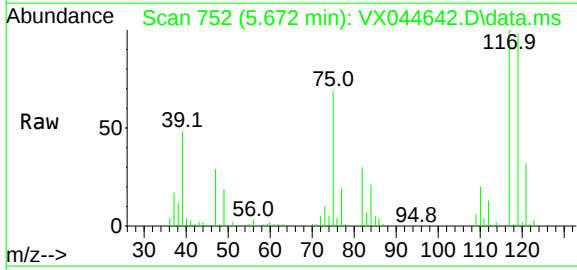
61 44.0 37.4 56.0





#33
Carbon Tetrachloride
Concen: 17.847 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

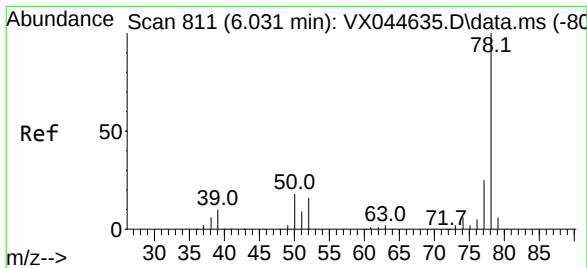
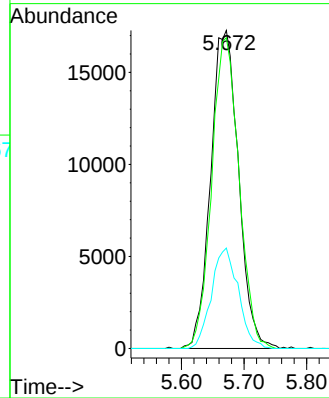
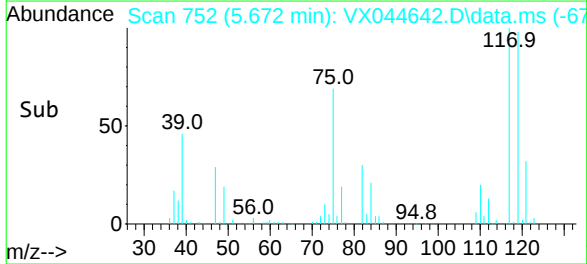
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 117 Resp: 53402
Ion Ratio Lower Upper
117 100
119 97.7 83.0 124.6
121 31.6 25.6 38.4

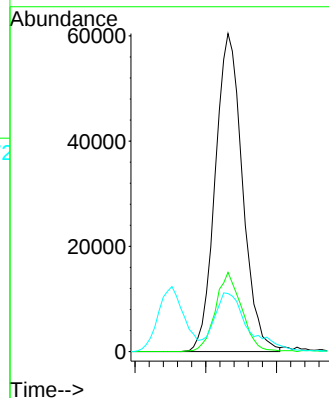
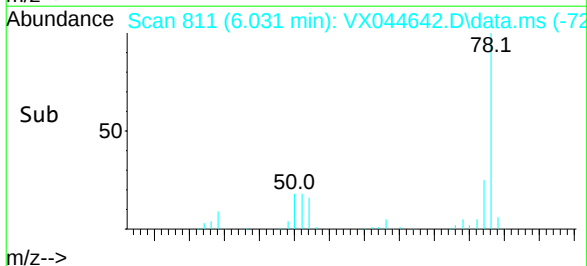
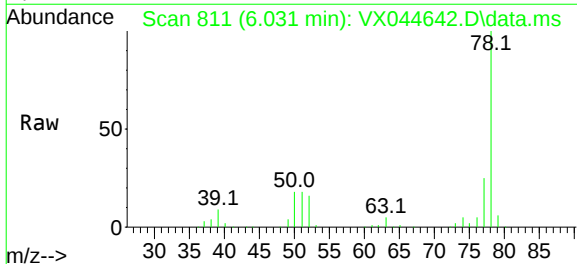
Manual Integrations
APPROVED

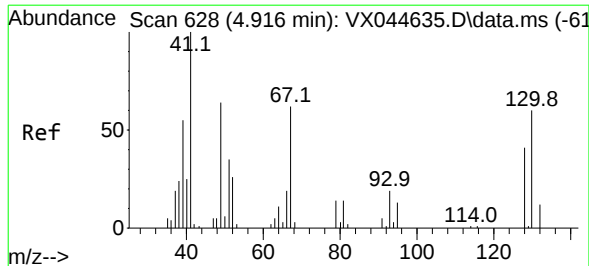
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 19.489 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

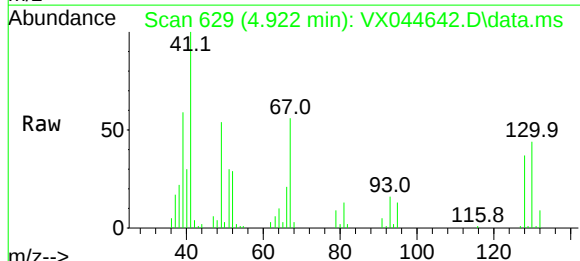
Tgt Ion: 78 Resp: 161688
Ion Ratio Lower Upper
78 100
77 24.9 19.8 29.6
51 16.3 14.5 21.7





#35
Methacrylonitrile
Concen: 20.520 ug/l
RT: 4.922 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

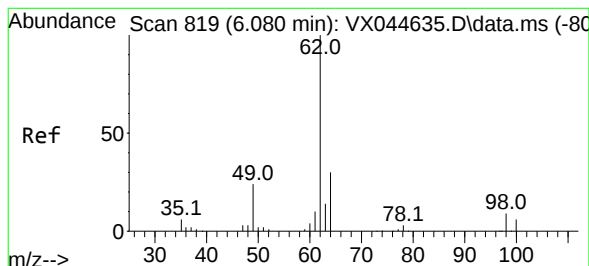
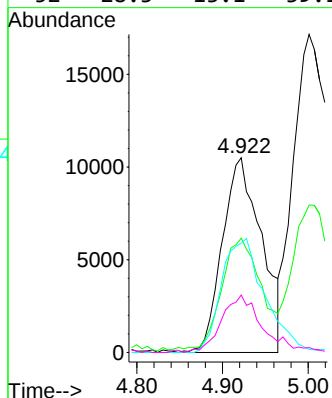
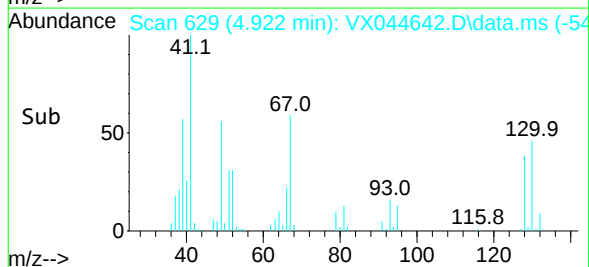
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 41 Resp: 33338
Ion Ratio Lower Upper
41 100
39 56.1 27.7 83.0
67 56.2 31.1 93.3
52 28.3 13.1 39.1

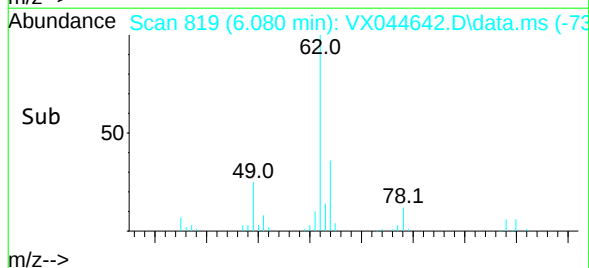
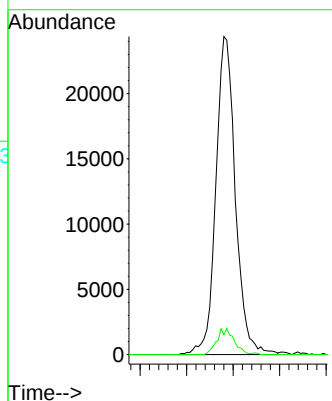
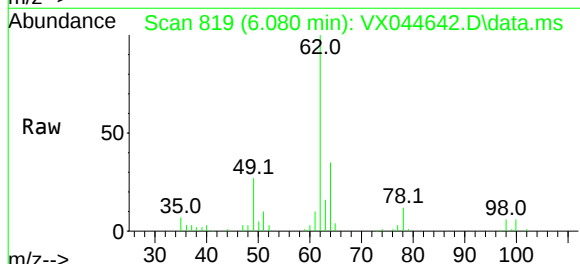
Manual Integrations
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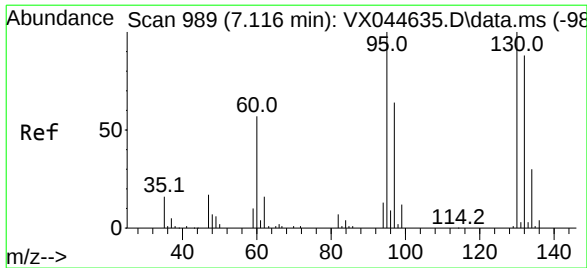
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

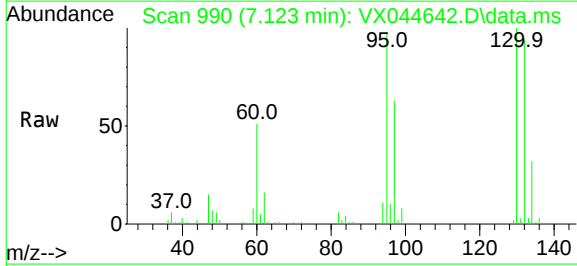
Tgt Ion: 62 Resp: 71079
Ion Ratio Lower Upper
62 100
98 3.4 6.7 10.1#





#37
Trichloroethene
Concen: 18.166 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

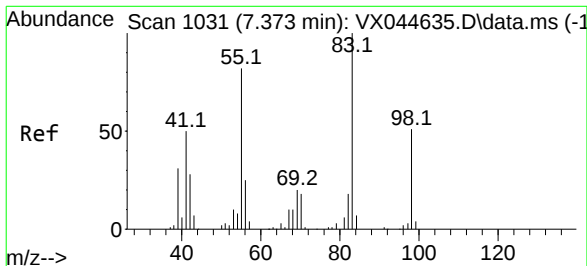
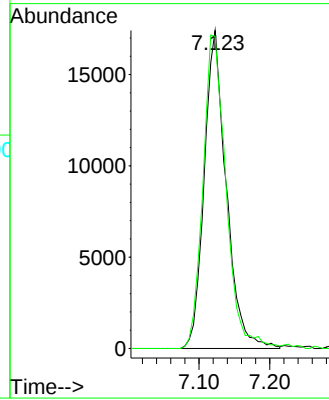
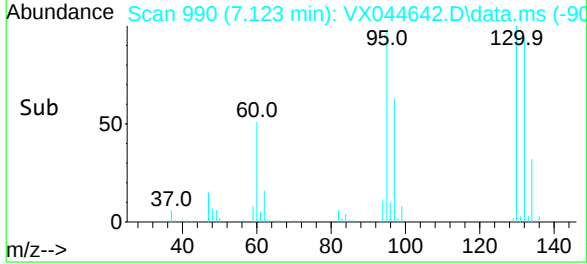
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion:130 Resp: 37678
Ion Ratio Lower Upper
130 100
95 98.2 80.2 120.4

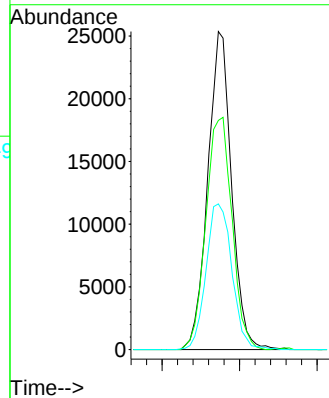
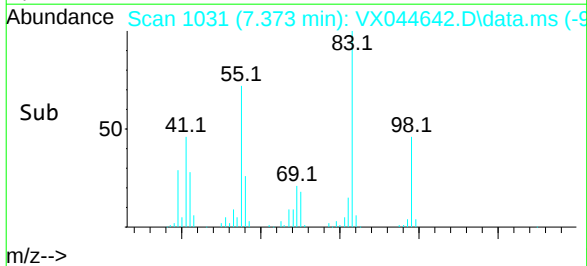
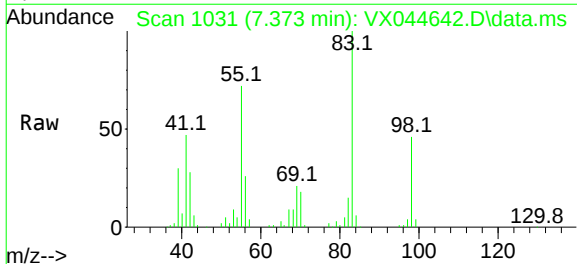
Manual Integrations
APPROVED

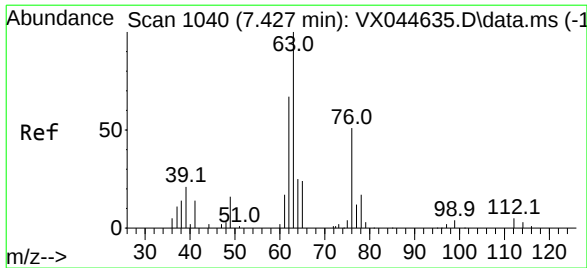
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#38
Methylcyclohexane
Concen: 16.279 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 83 Resp: 54015
Ion Ratio Lower Upper
83 100
55 80.4 40.0 120.0
98 50.0 24.4 73.2





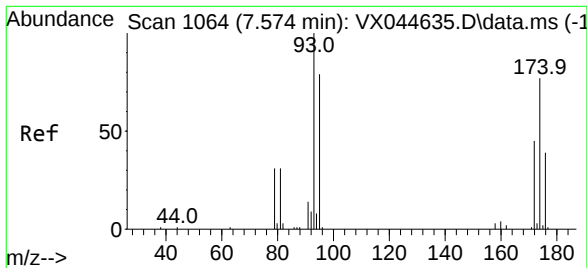
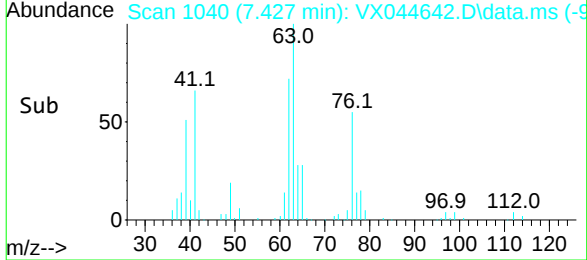
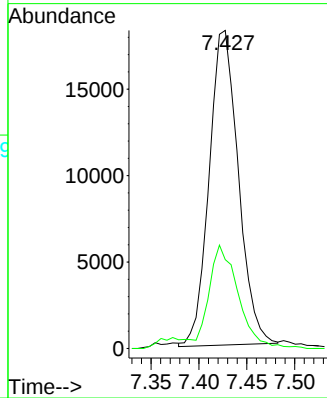
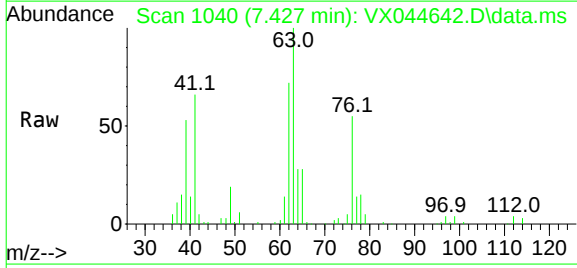
#39
1,2-Dichloropropane
Concen: 18.750 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 63 Resp: 38657
Ion Ratio Lower Upper
63 100
65 27.2 21.4 32.0

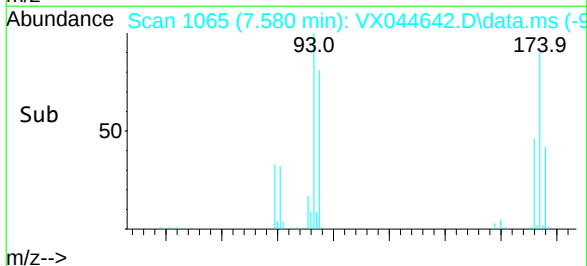
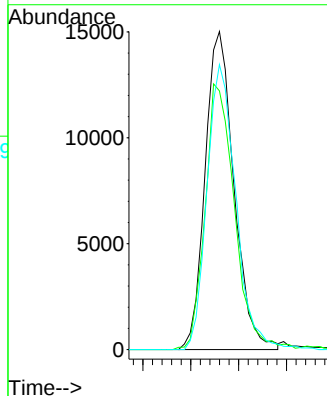
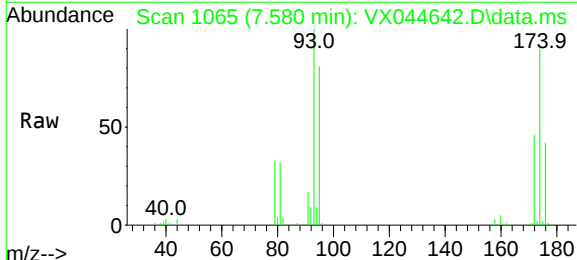
Manual Integrations
APPROVED

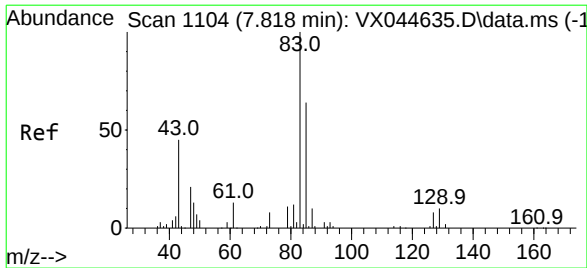
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 19.445 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

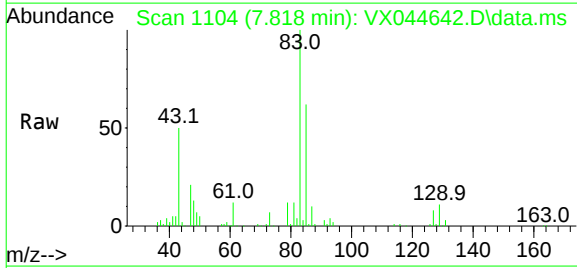
Tgt Ion: 93 Resp: 31444
Ion Ratio Lower Upper
93 100
95 84.8 0.0 165.2
174 89.2 0.0 176.2





#41
Bromodichloromethane
Concen: 19.103 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

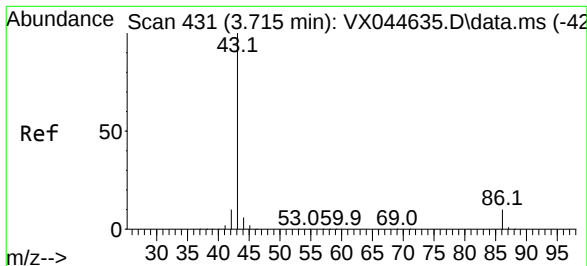
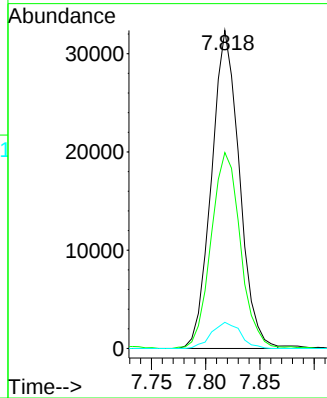
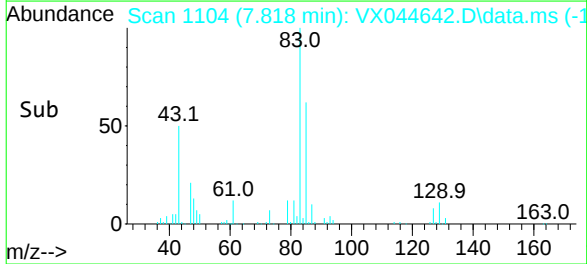
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 83 Resp: 58017
Ion Ratio Lower Upper
83 100
85 61.2 50.8 76.2
127 8.2 6.6 9.8

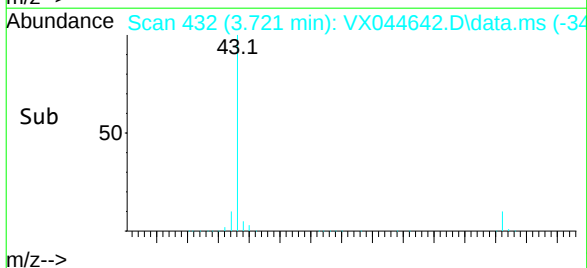
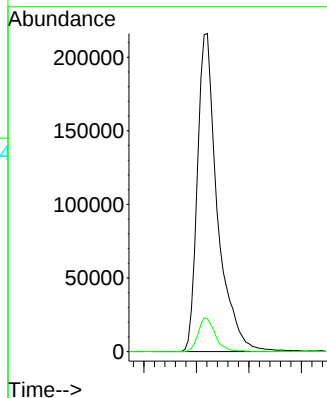
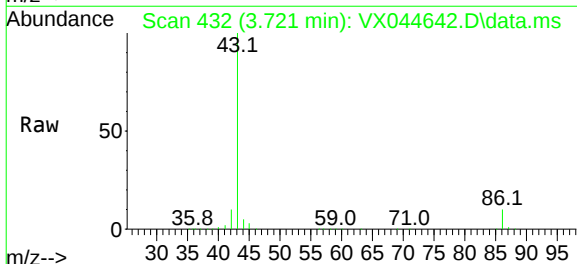
Manual Integrations
APPROVED

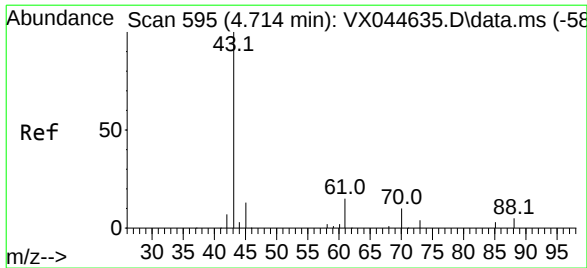
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 98.529 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 43 Resp: 572905
Ion Ratio Lower Upper
43 100
86 9.0 7.1 10.7





#43

Ethyl Acetate

Concen: 18.621 ug/l

RT: 4.715 min Scan# 59

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 43 Resp: 53573

Ion Ratio Lower Upper

43 100

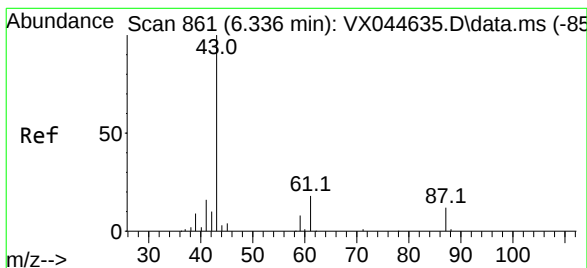
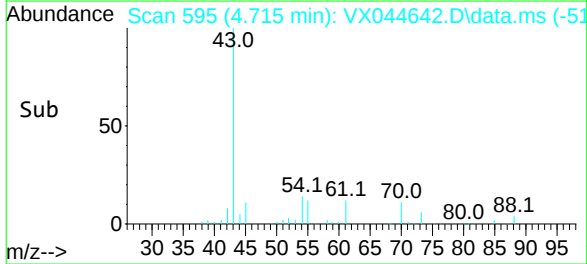
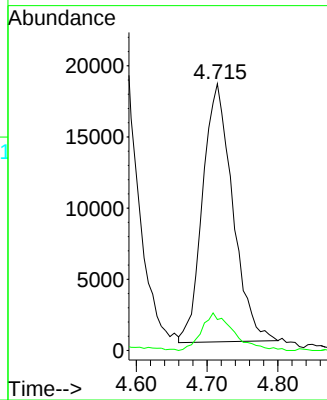
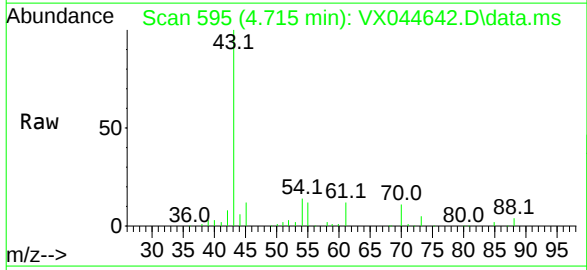
45 15.1 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 19.884 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044642.D

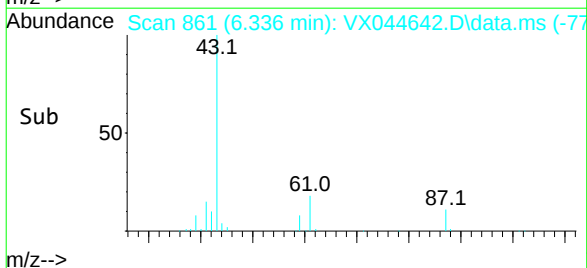
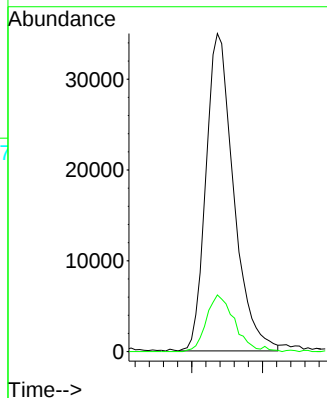
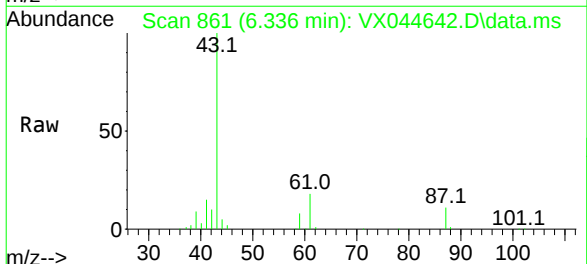
Acq: 09 Jan 2025 03:34

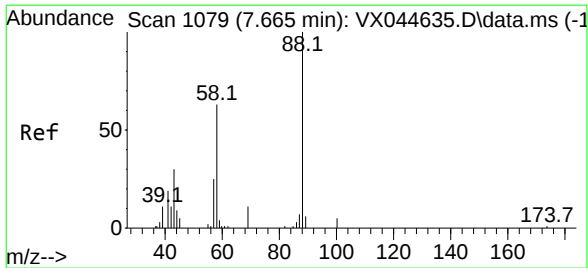
Tgt Ion: 43 Resp: 95092

Ion Ratio Lower Upper

43 100

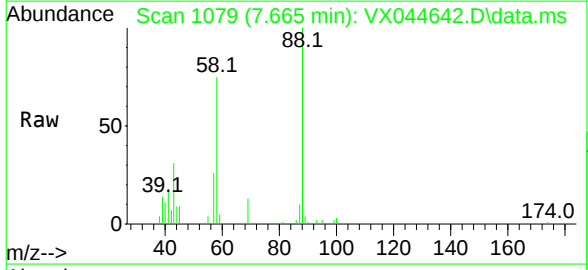
61 17.8 14.2 21.2





#45
1,4-Dioxane
Concen: 373.078 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

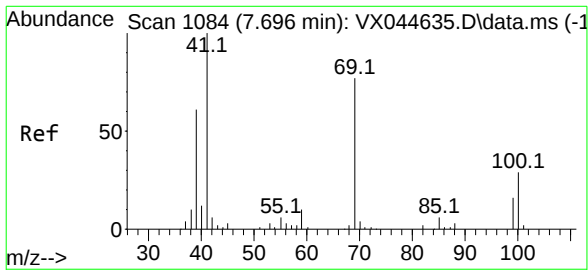
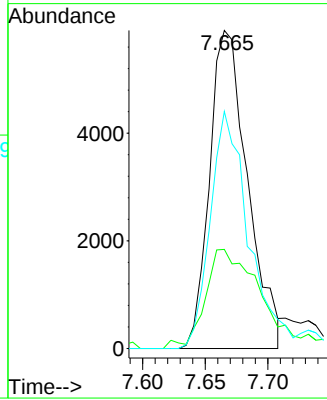
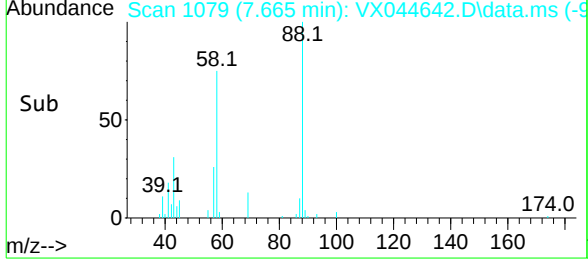
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 88 Resp: 12501
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.4
58 74.9 56.6 84.8

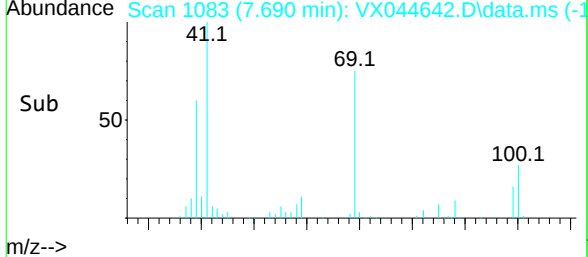
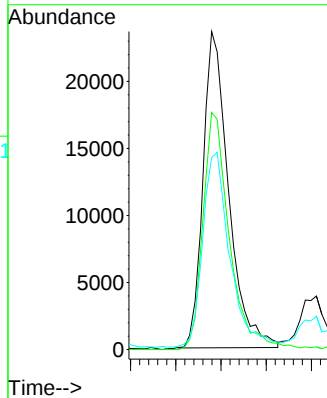
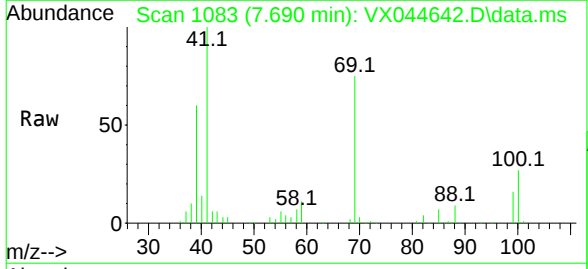
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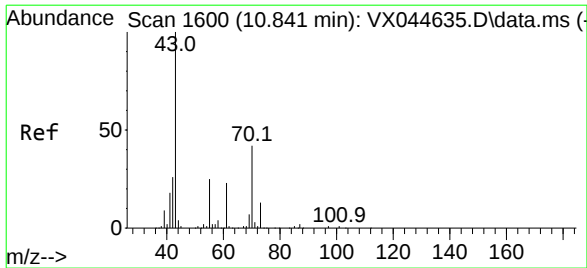
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#46
Methyl methacrylate
Concen: 19.900 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 41 Resp: 46395
Ion Ratio Lower Upper
41 100
69 75.1 38.6 115.8
39 59.7 30.7 92.1





#47

n-amy1 Acetate

Concen: 20.625 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion: 43 Resp: 79977

Ion Ratio Lower Upper

43 100

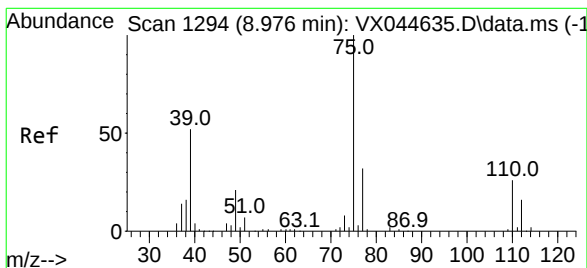
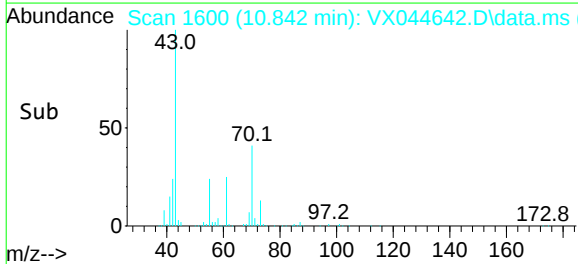
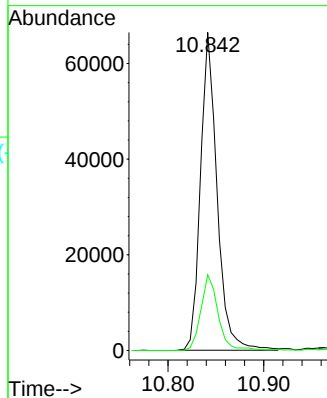
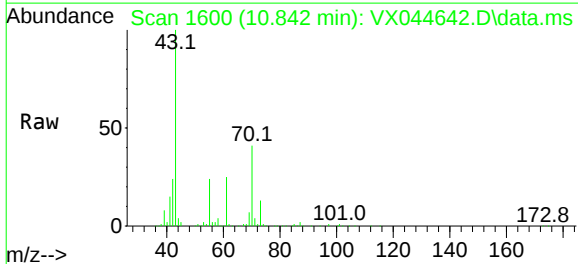
55 23.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 19.568 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044642.D

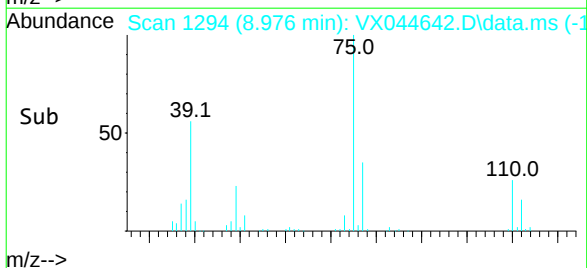
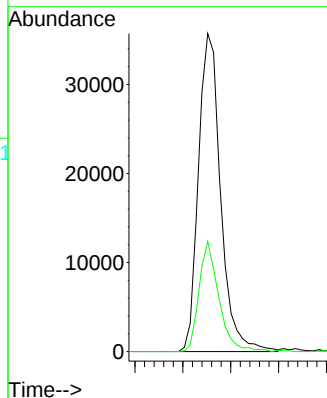
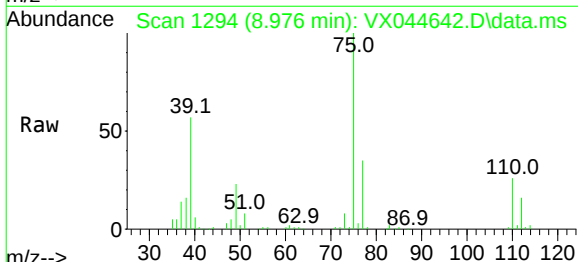
Acq: 09 Jan 2025 03:34

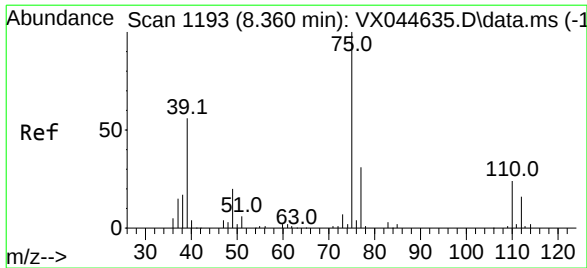
Tgt Ion: 75 Resp: 57520

Ion Ratio Lower Upper

75 100

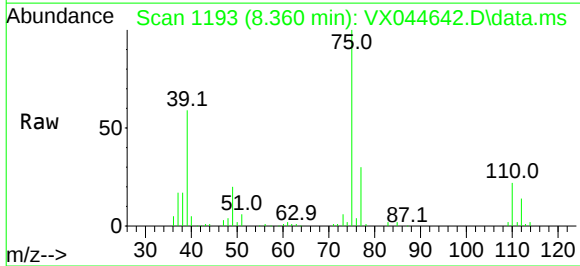
77 34.6 25.7 38.5





#49
 cis-1,3-Dichloropropene
 Concen: 18.252 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34

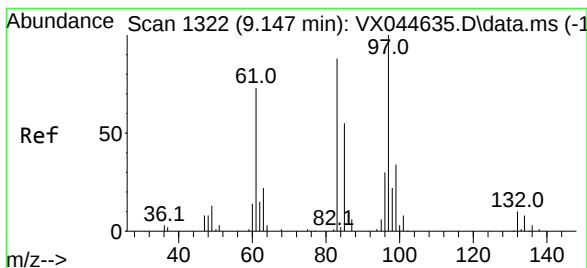
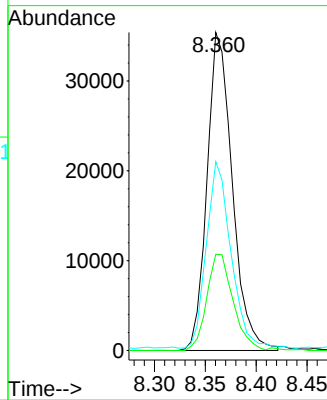
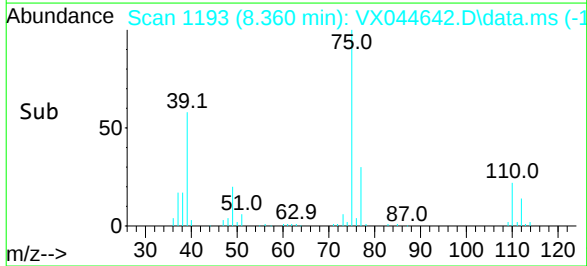
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD02



Tgt Ion: 75 Resp: 61253
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7
 39 58.6 44.8 67.2

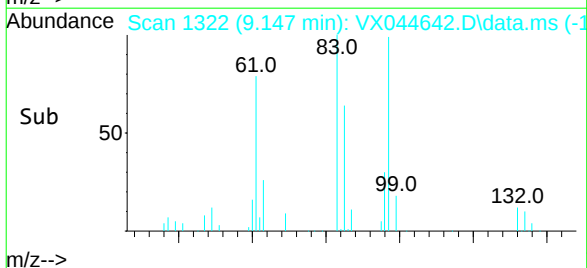
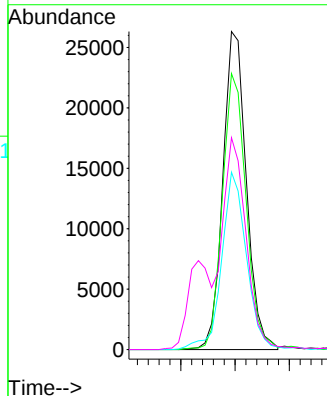
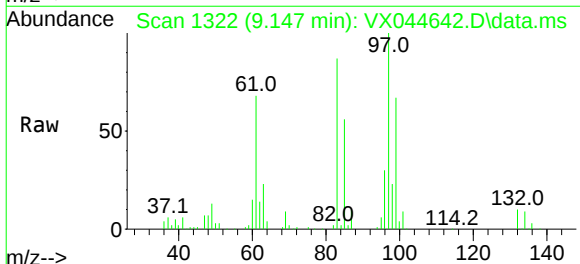
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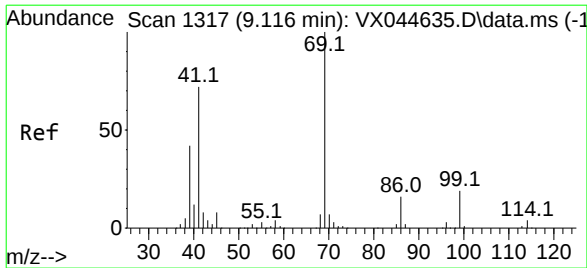
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.276 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044642.D
 Acq: 09 Jan 2025 03:34

Tgt Ion: 97 Resp: 39514
 Ion Ratio Lower Upper
 97 100
 83 86.8 70.5 105.7
 85 55.6 45.4 68.2
 99 65.6 51.1 76.7





#51

Ethyl methacrylate

Concen: 19.995 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

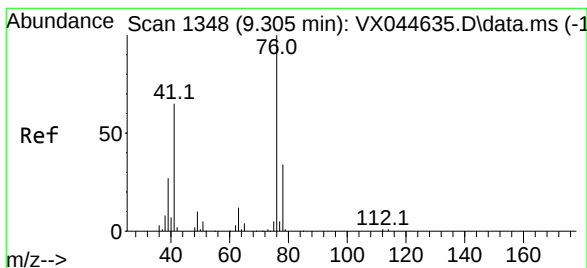
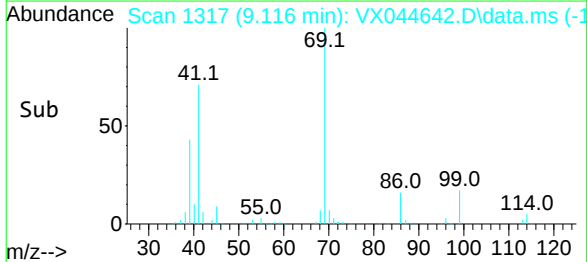
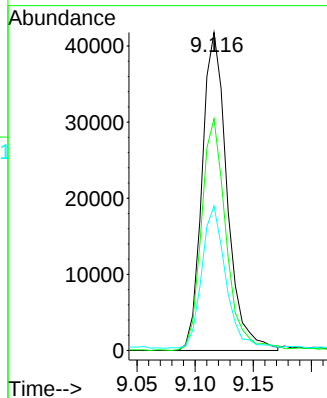
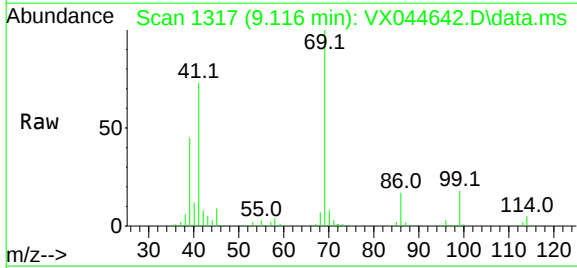
Tgt Ion:	69	Resp:	62606
Ion	Ratio	Lower	Upper
69	100		
41	72.6	35.8	107.4
39	44.6	21.0	63.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#52

1,3-Dichloropropane

Concen: 20.293 ug/l

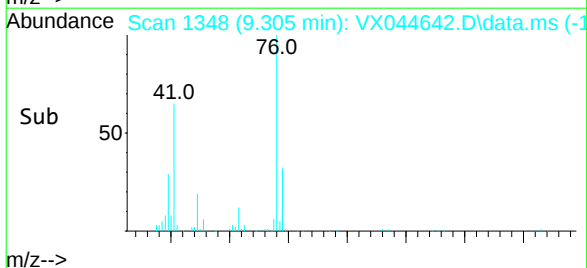
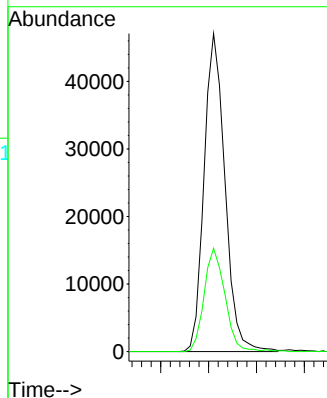
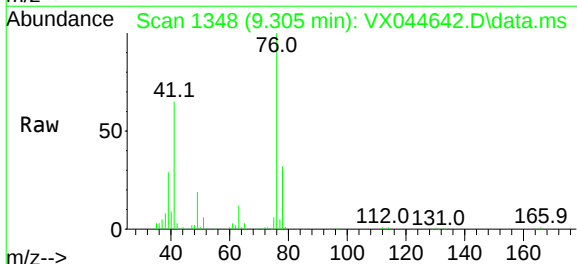
RT: 9.305 min Scan# 1348

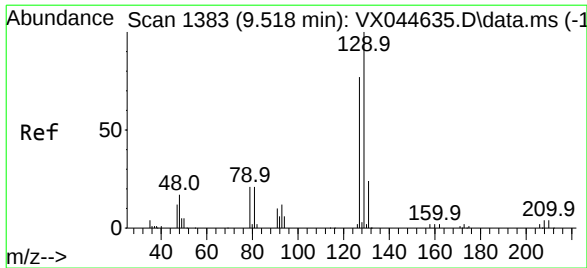
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Tgt Ion:	76	Resp:	71285
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	66.0





#53

Dibromochloromethane

Concen: 18.901 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

Tgt Ion:129 Resp: 40302

Ion Ratio Lower Upper

129 100

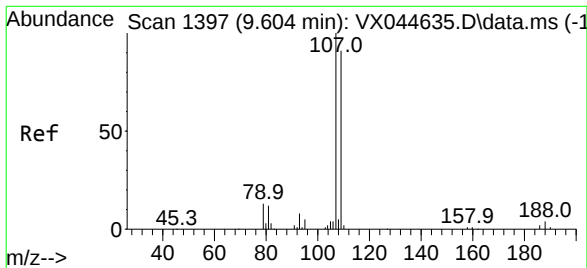
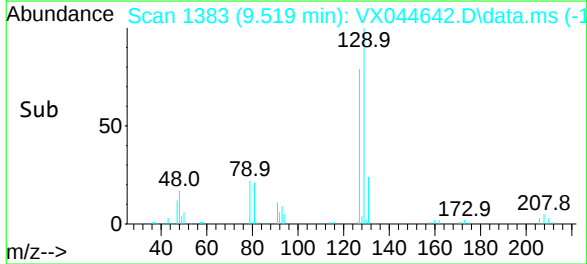
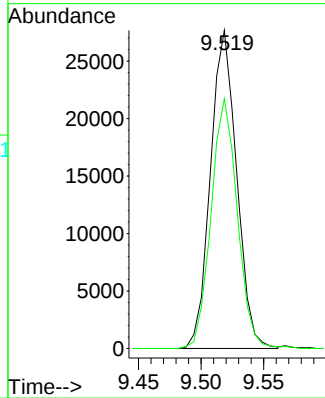
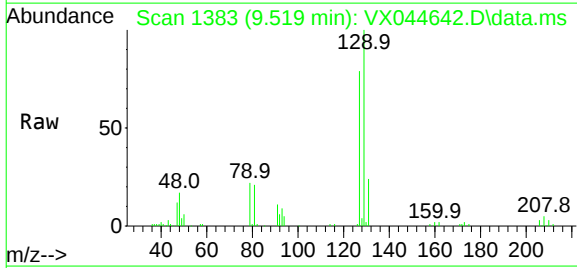
127 78.5 39.0 116.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#54

1,2-Dibromoethane

Concen: 19.177 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044642.D

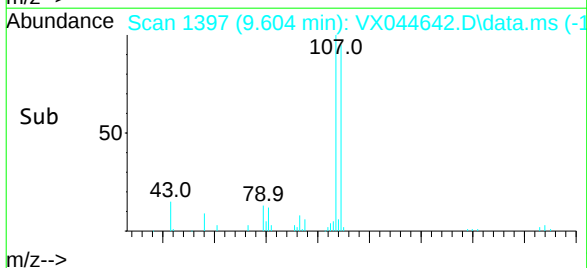
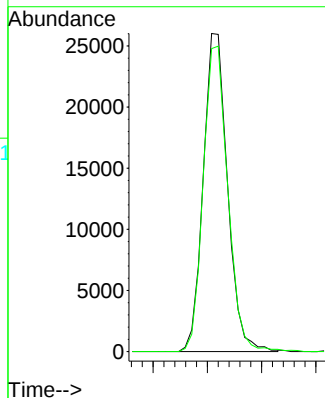
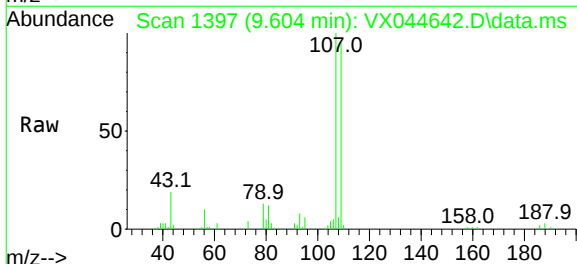
Acq: 09 Jan 2025 03:34

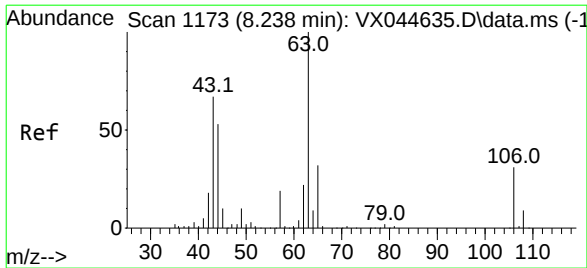
Tgt Ion:107 Resp: 40448

Ion Ratio Lower Upper

107 100

109 97.2 73.9 110.9





#55

2-Chloroethyl vinyl ether

Concen: 98.767 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044642.D

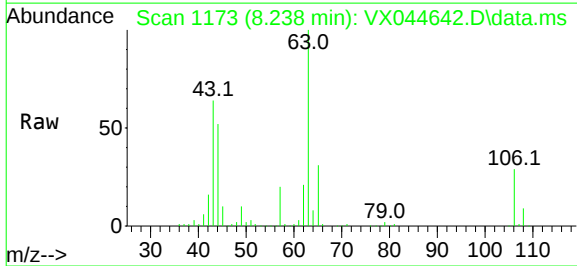
Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02



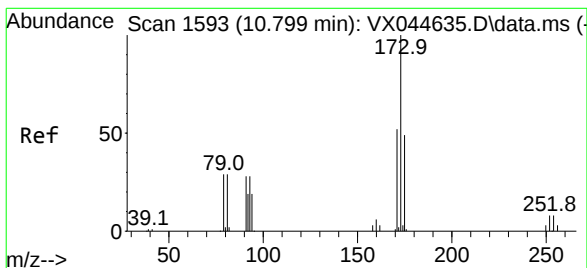
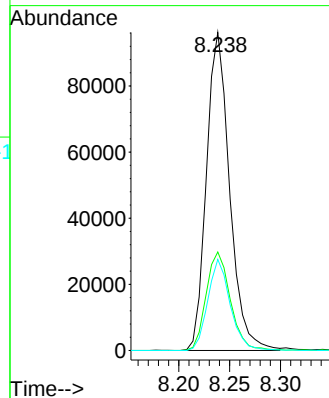
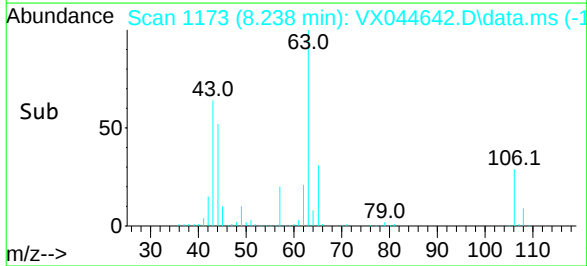
Tgt Ion:	63	Resp:	152374
Ion	Ratio	Lower	Upper
63	100		
65	32.3	26.1	39.1
106	27.8	22.6	33.8

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#56

Bromoform

Concen: 20.120 ug/l

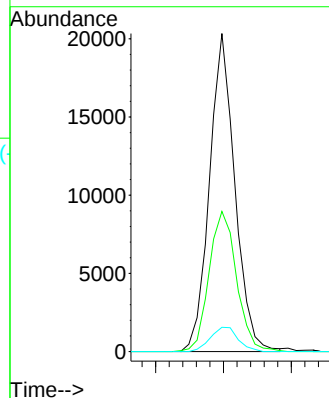
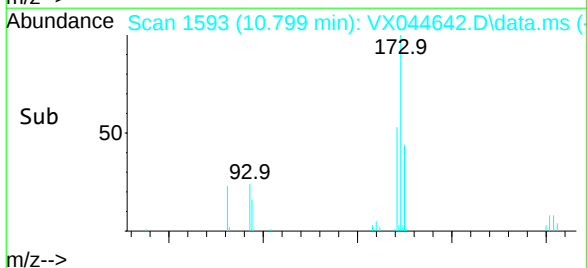
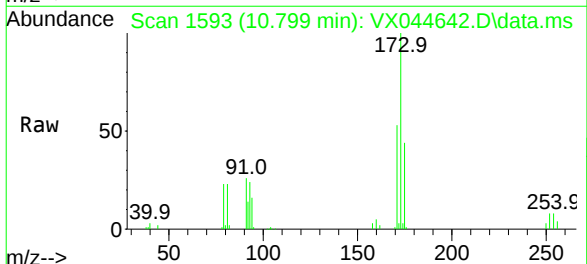
RT: 10.799 min Scan# 1593

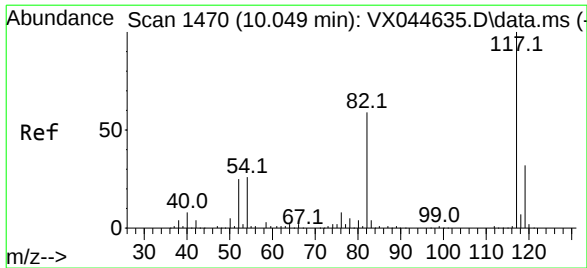
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

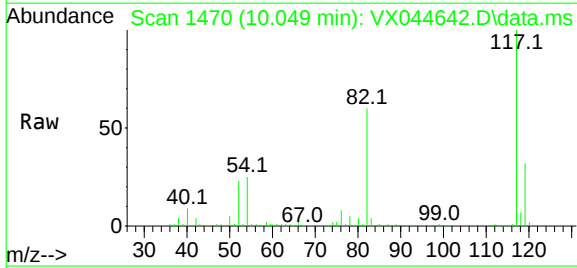
Tgt Ion:	173	Resp:	26458
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.1	58.7
254	8.4	5.8	8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

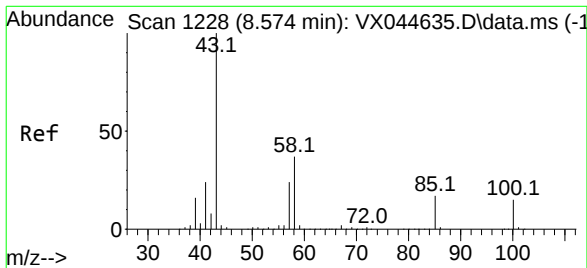
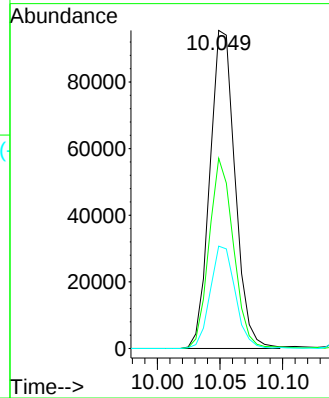
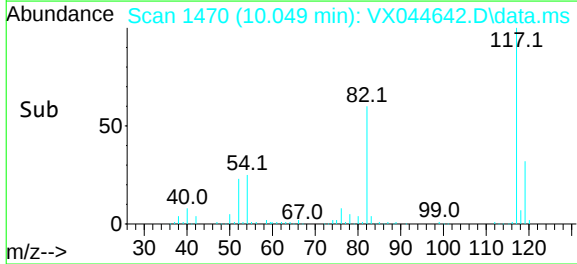
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 117 Resp: 133739
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.0 25.5 38.3

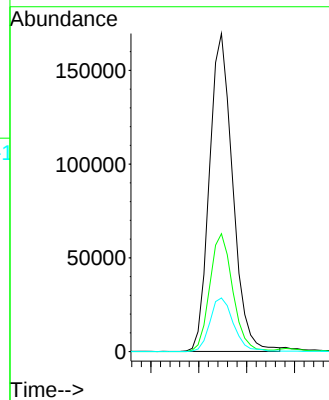
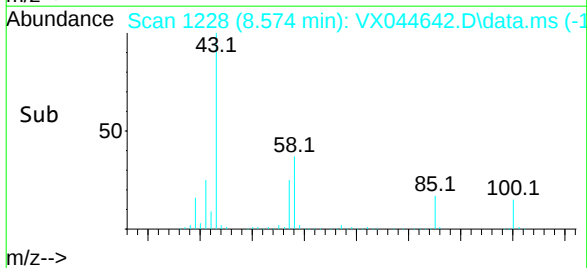
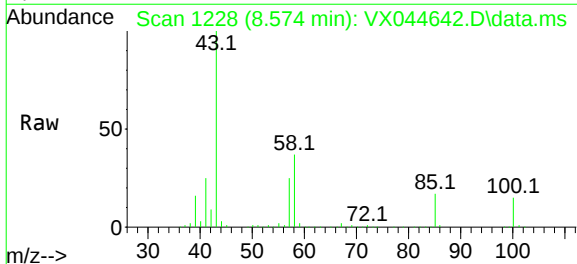
Manual Integrations
APPROVED

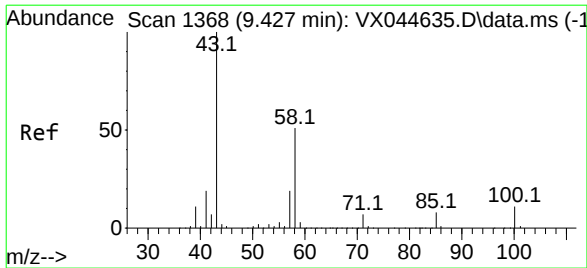
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
4-Methyl-2-Pentanone
Concen: 105.070 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 43 Resp: 286579
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 17.1 13.4 20.2





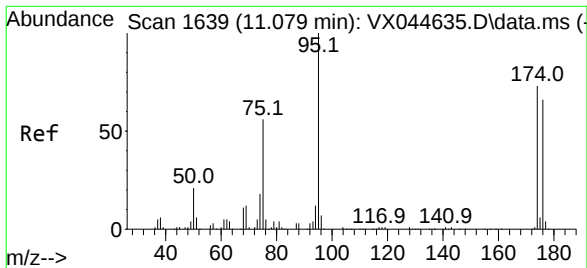
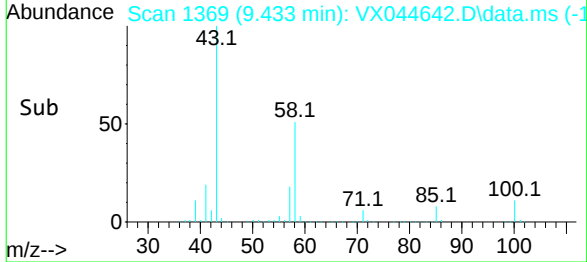
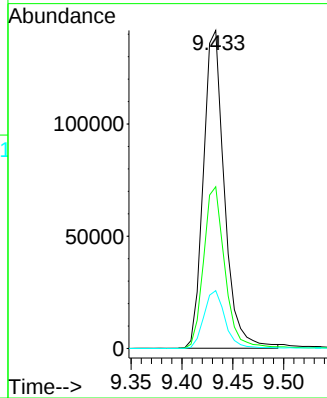
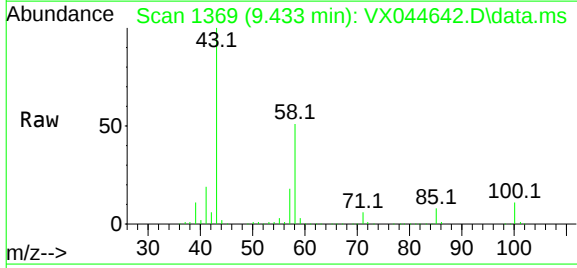
#59
2-Hexanone
Concen: 108.065 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 43 Resp: 203572
Ion Ratio Lower Upper
43 100
58 51.5 40.8 61.2
57 18.4 15.2 22.8

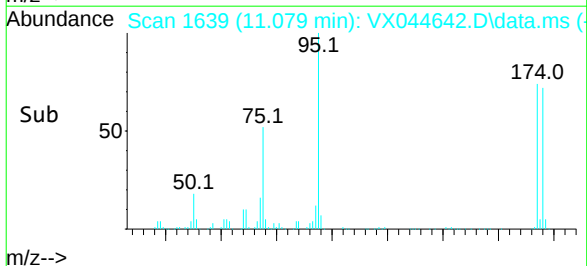
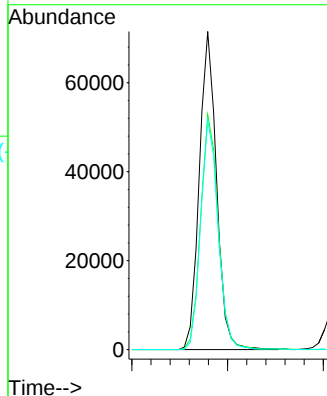
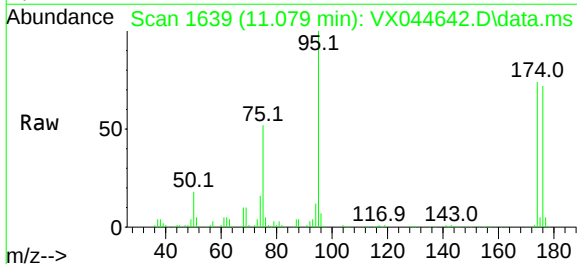
Manual Integrations
APPROVED

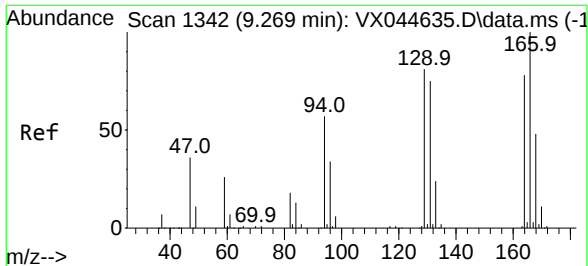
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 35.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 95 Resp: 89436
Ion Ratio Lower Upper
95 100
174 75.4 58.6 88.0
176 72.9 55.2 82.8





#61

Tetrachloroethene

Concen: 18.929 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044642.D

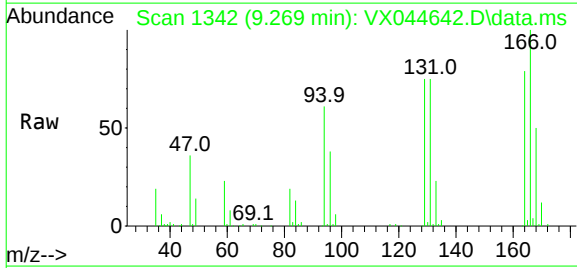
Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02



Tgt Ion:164 Resp: 32523

Ion Ratio Lower Upper

164 100

166 127.1 102.7 154.1

129 95.4 83.6 125.4

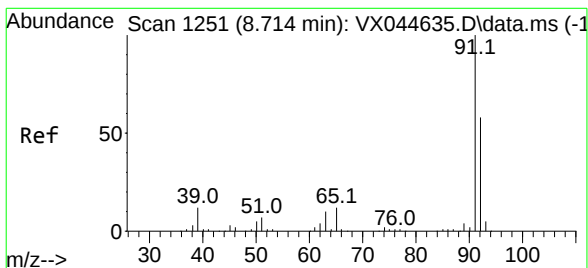
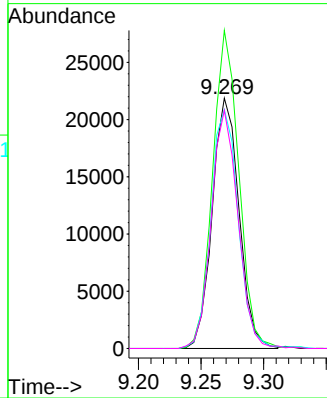
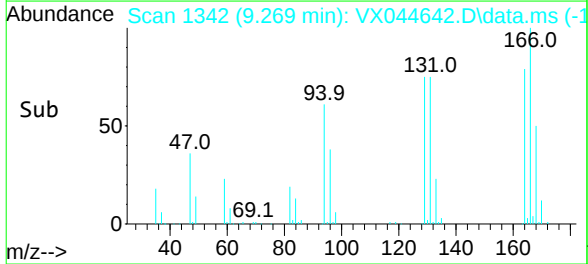
131 95.1 77.4 116.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#62

Toluene

Concen: 19.323 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044642.D

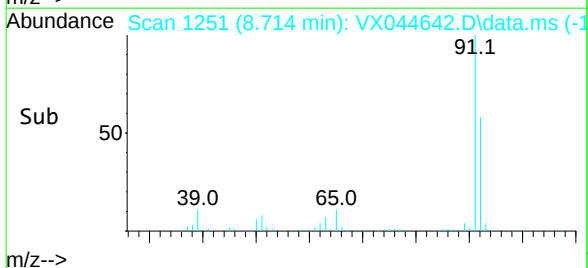
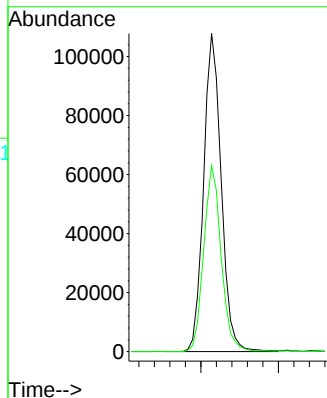
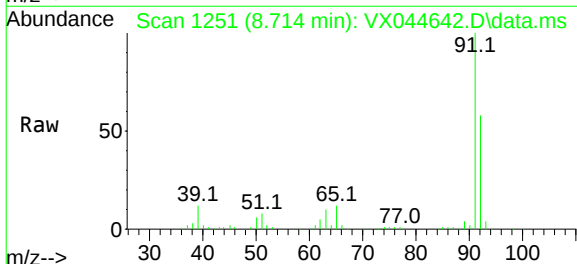
Acq: 09 Jan 2025 03:34

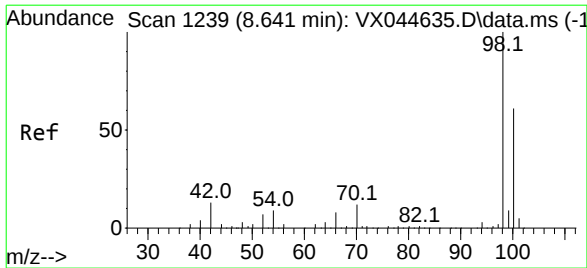
Tgt Ion: 91 Resp: 170055

Ion Ratio Lower Upper

91 100

92 57.7 46.4 69.6





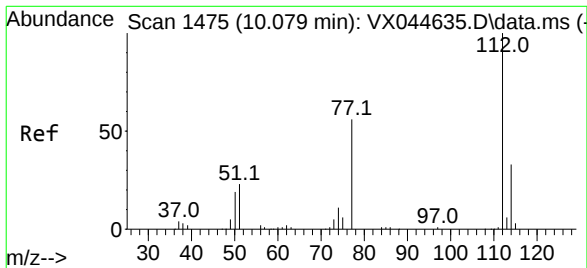
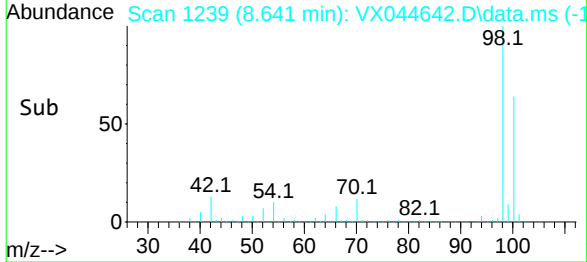
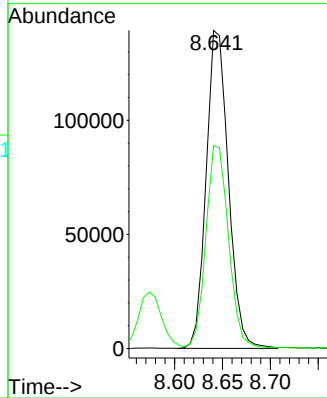
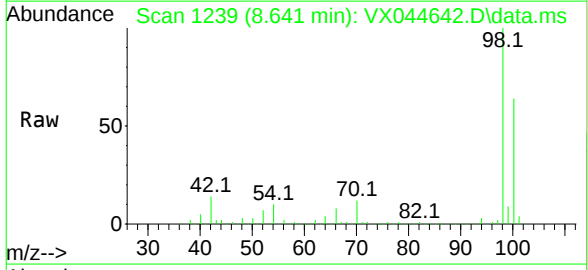
#63
Toluene-d8
Concen: 30.095 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 98 Resp: 225042
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

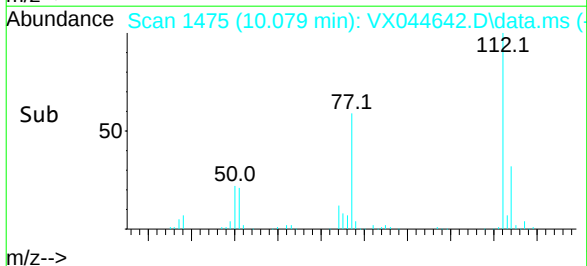
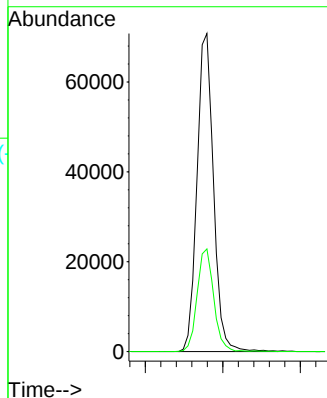
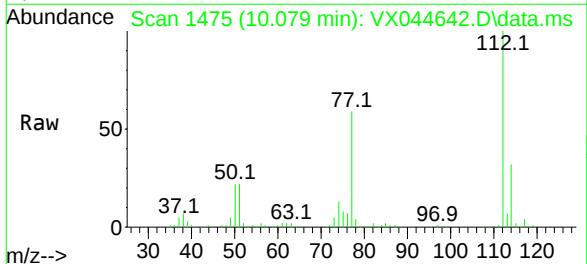
Manual Integrations
APPROVED

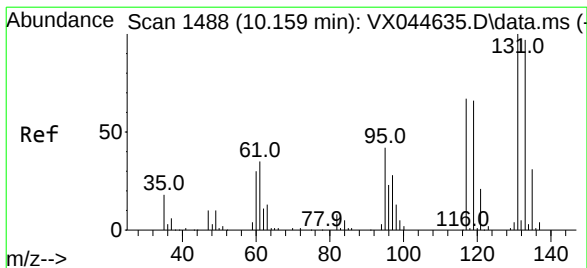
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#64
Chlorobenzene
Concen: 19.141 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion:112 Resp: 104574
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.284 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

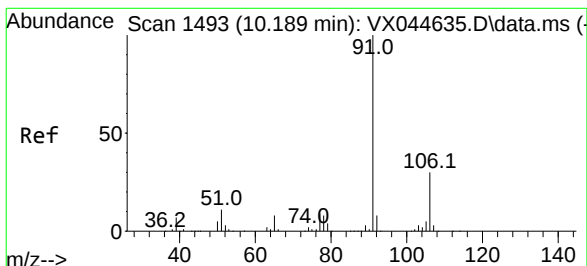
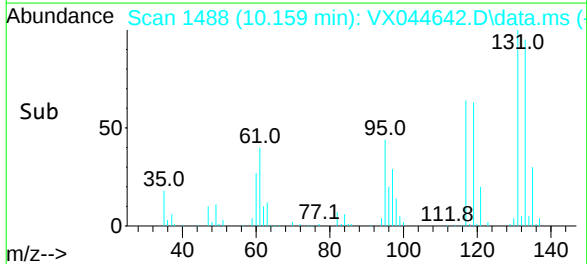
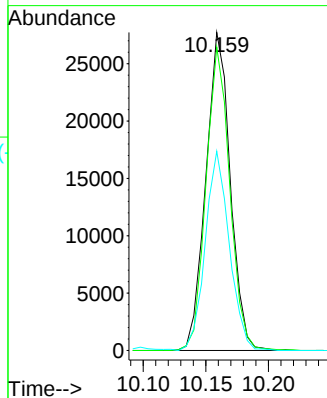
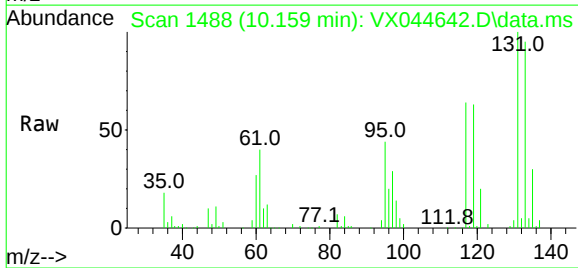
Tgt Ion:	131	Resp:	37623
Ion Ratio	Lower	Upper	
131	100		
133	92.8	0.0	194.0
119	61.5	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#66

Ethyl Benzene

Concen: 18.985 ug/l

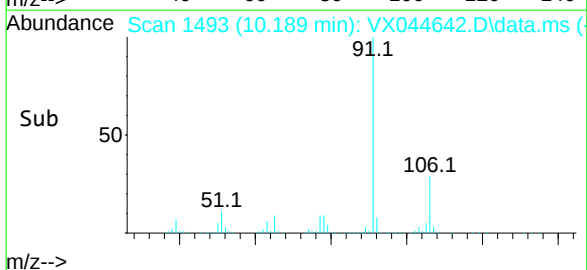
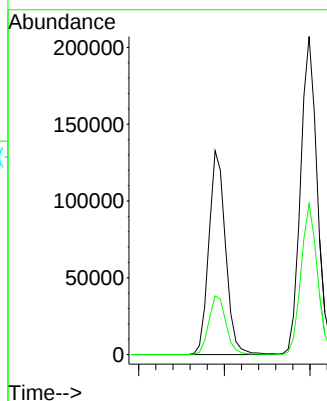
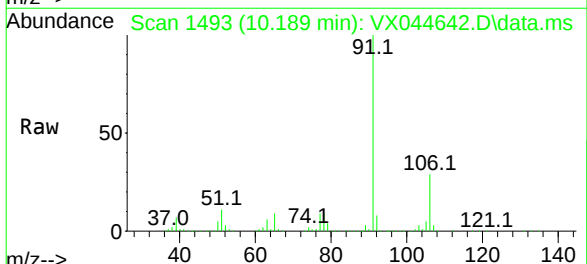
RT: 10.189 min Scan# 1493

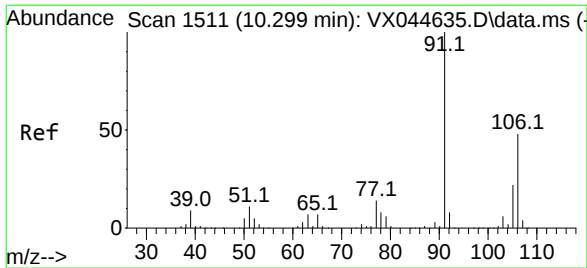
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Tgt Ion:	91	Resp:	179659
Ion Ratio	Lower	Upper	
91	100		
106	28.8	24.1	36.1





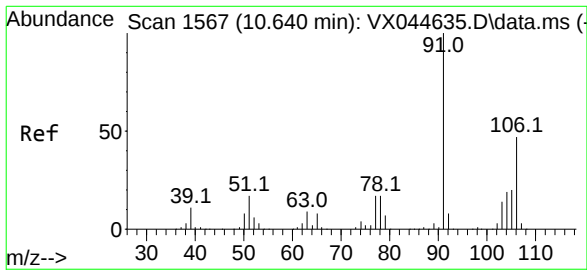
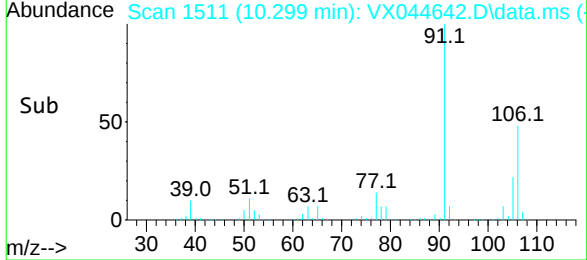
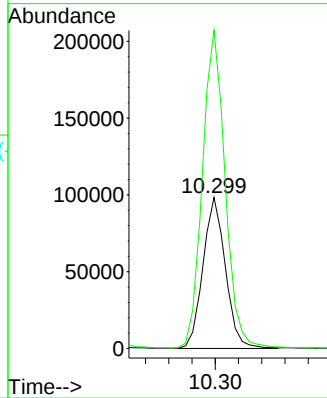
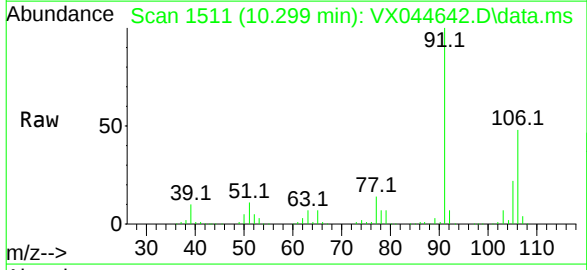
#67
m/p-Xylenes
Concen: 37.104 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion:106 Resp: 132025
Ion Ratio Lower Upper
106 100
91 214.1 167.9 251.9

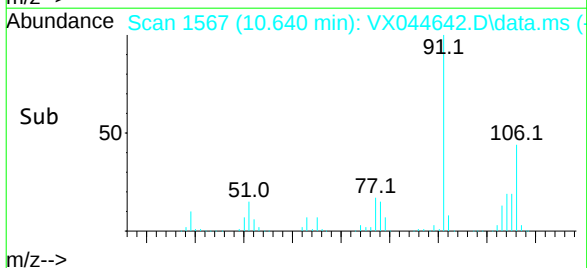
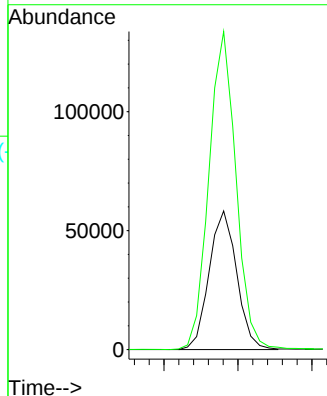
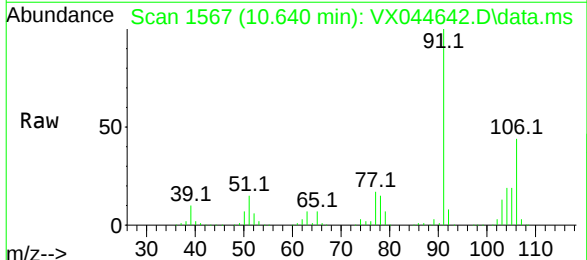
Manual Integrations
APPROVED

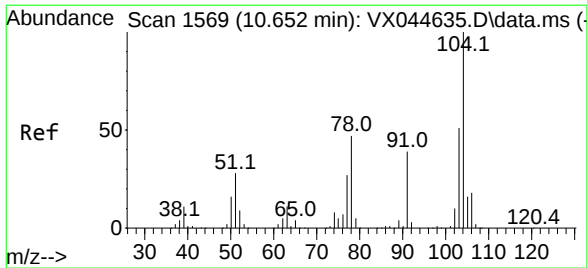
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 21.828 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion:106 Resp: 75807
Ion Ratio Lower Upper
106 100
91 224.7 112.3 336.9





#69

Styrene

Concen: 22.319 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

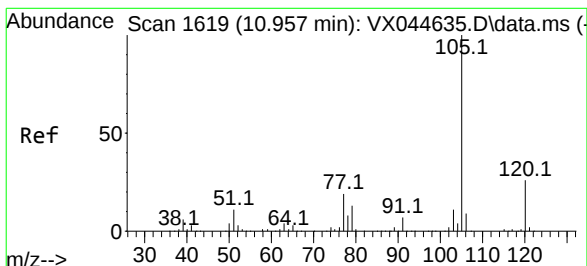
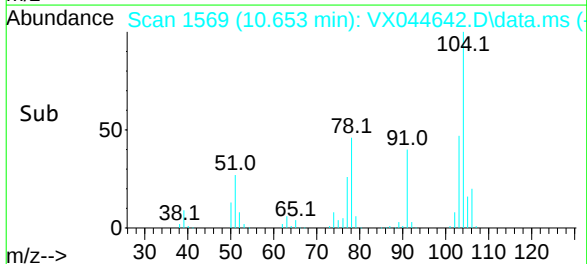
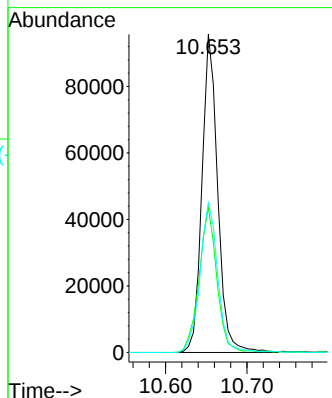
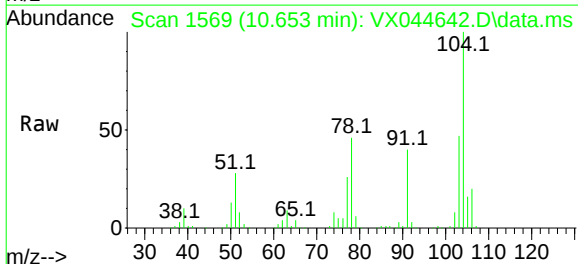
ClientSampleId :

VX0108WBSD02

Tgt Ion:104 Resp: 128738
 Ion Ratio Lower Upper
 104 100
 78 50.9 43.7 65.5
 103 53.3 43.7 65.5

Manual Integrations
 APPROVED

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



#70

Isopropylbenzene

Concen: 22.022 ug/l

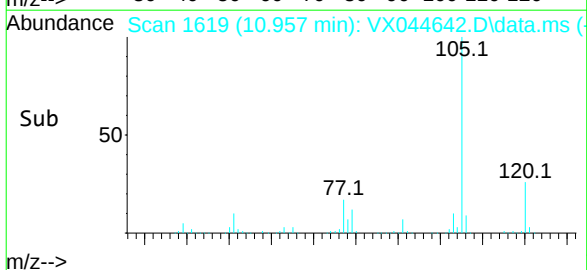
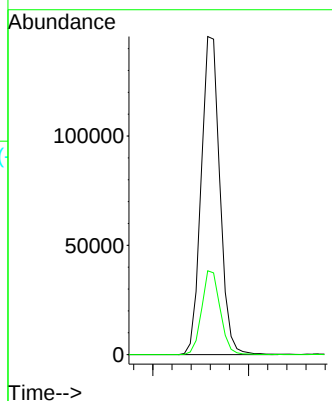
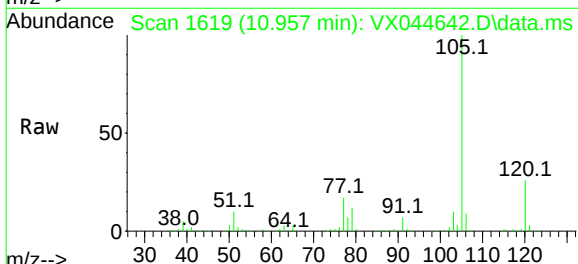
RT: 10.957 min Scan# 1619

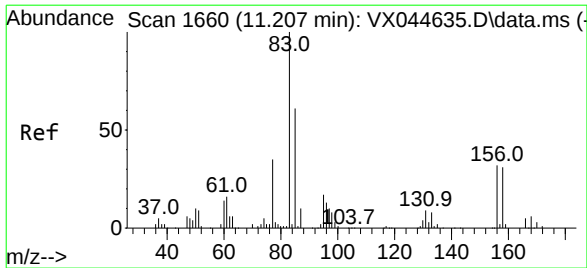
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Tgt Ion:105 Resp: 197140
 Ion Ratio Lower Upper
 105 100
 120 26.1 17.5 32.5





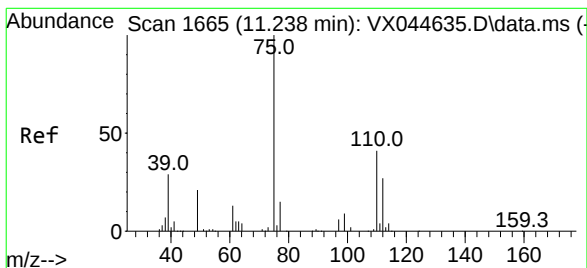
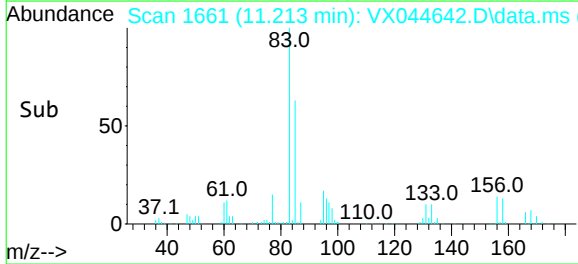
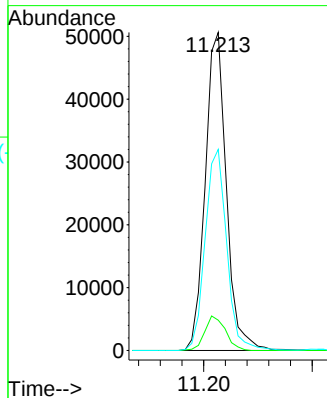
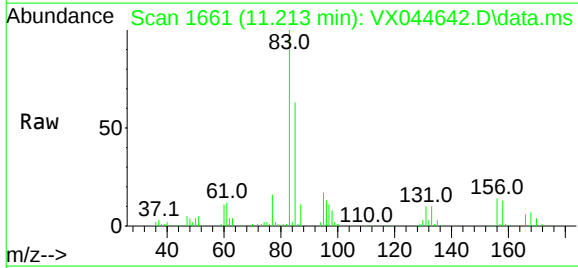
#71
1,1,2,2-Tetrachloroethane
Concen: 24.515 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	15.8
85	64.8	32.0	96.0

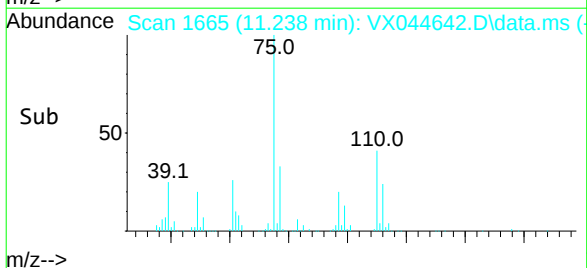
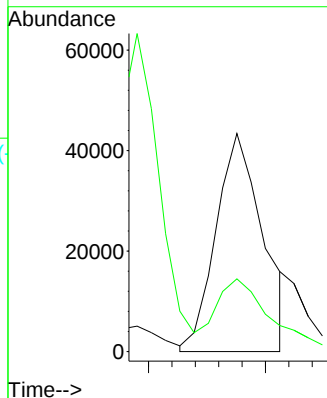
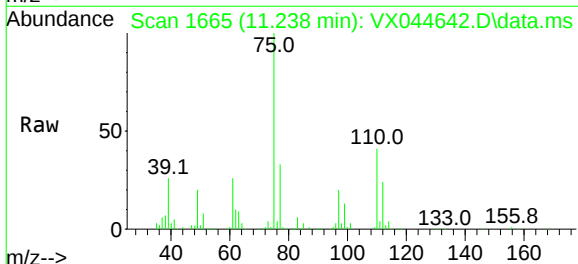
Manual Integrations
APPROVED

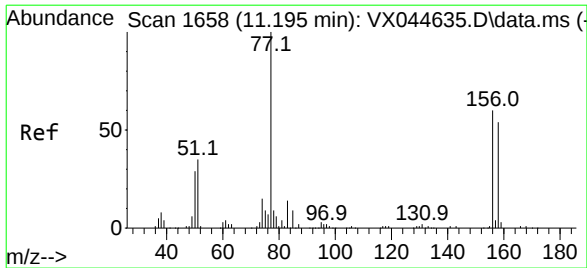
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 24.844 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.4	0.0	78.0





#73

Bromobenzene

Concen: 23.722 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

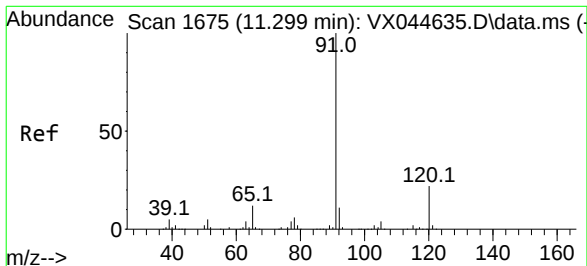
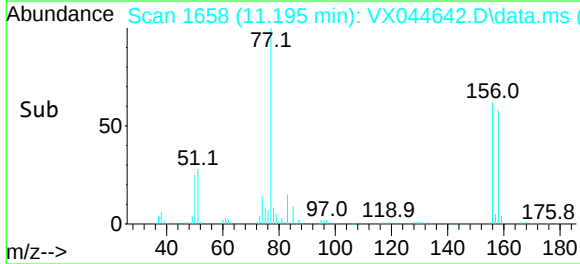
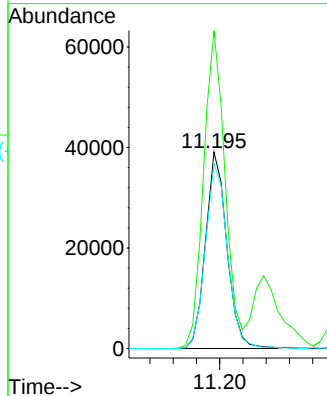
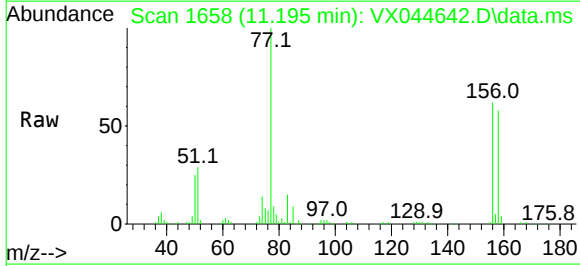
Tgt Ion:	156	Resp:	49918
Ion	Ratio	Lower	Upper
156	100		
77	162.4	0.0	332.6
158	96.9	0.0	187.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

n-propylbenzene

Concen: 20.879 ug/l

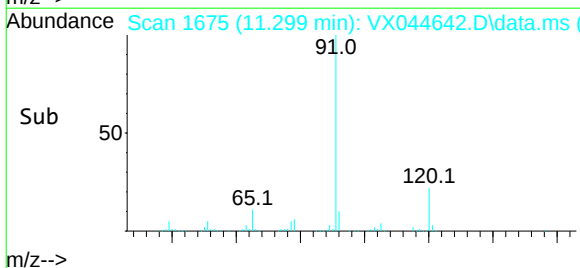
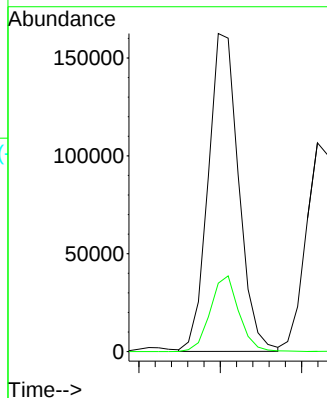
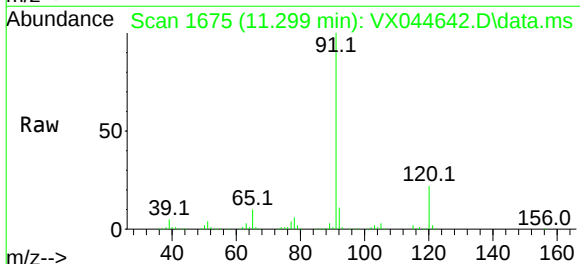
RT: 11.299 min Scan# 1675

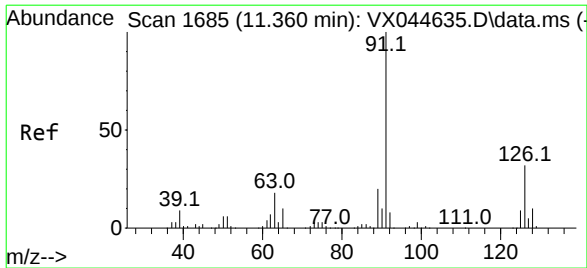
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Tgt Ion:	91	Resp:	211858
Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	45.0





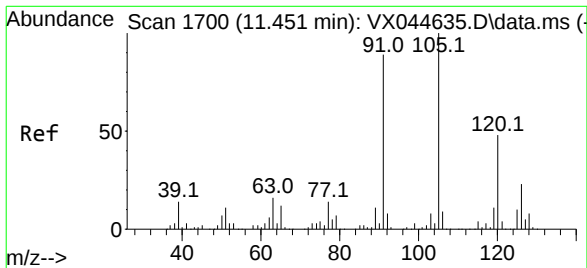
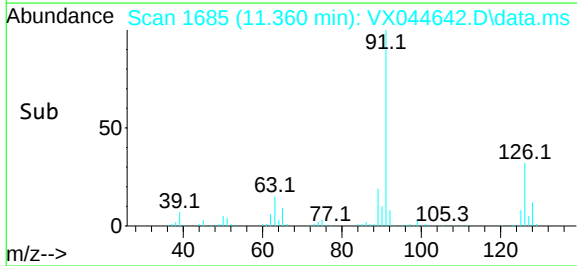
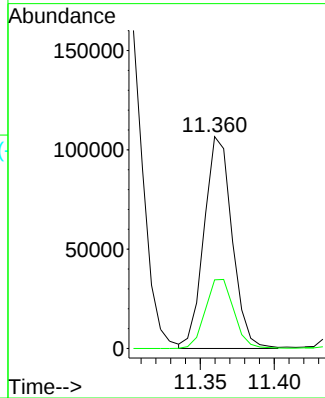
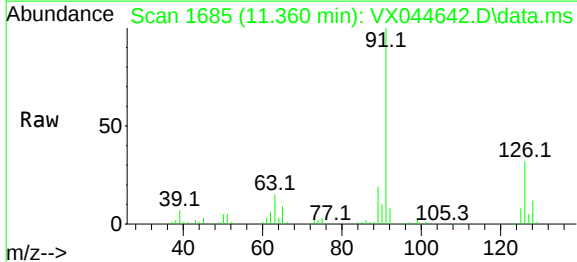
#75
2-Chlorotoluene
Concen: 22.101 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 91 Resp: 140948
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.4

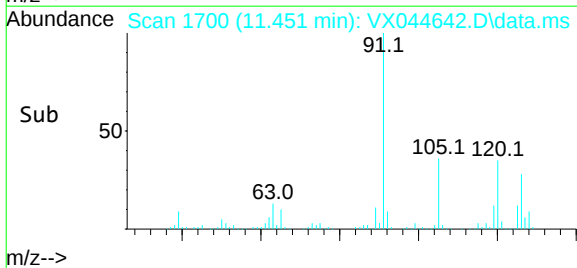
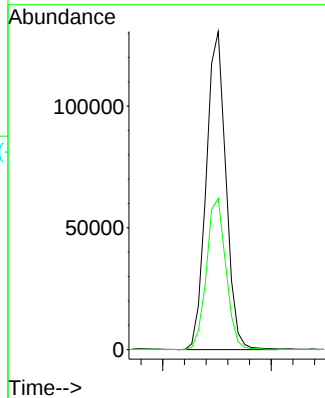
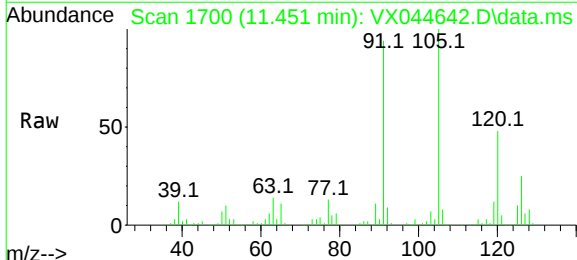
Manual Integrations
APPROVED

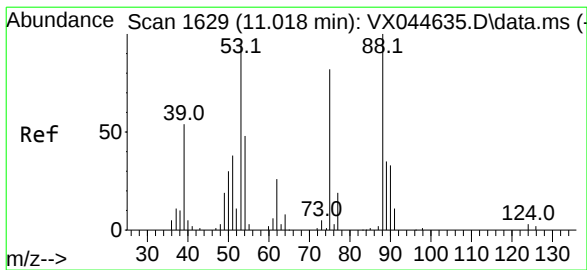
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 22.109 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion:105 Resp: 164532
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.0





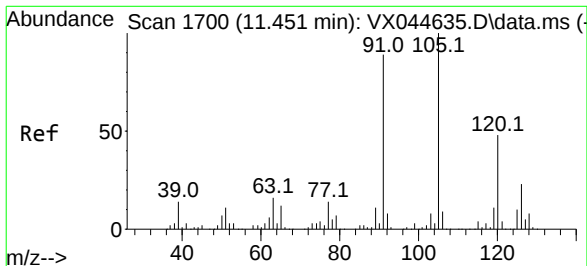
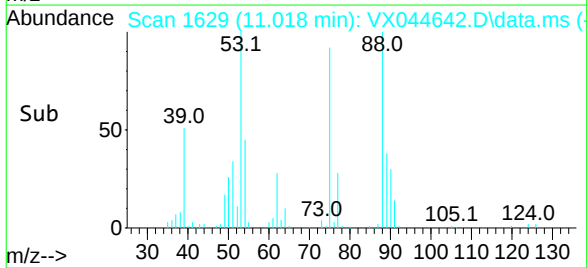
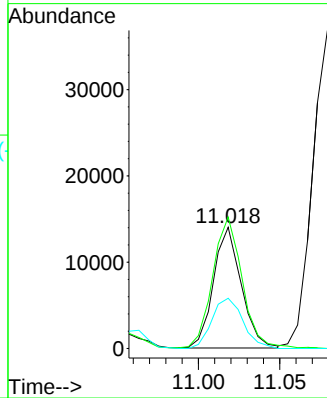
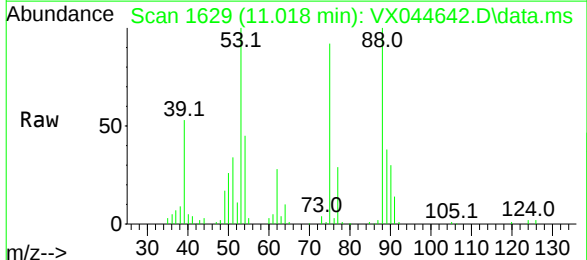
#77
t-1,4-Dichloro-2-butene
Concen: 21.504 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion: 75 Resp: 16611
Ion Ratio Lower Upper
75 100
53 108.2 57.4 172.2
89 41.6 21.3 64.0

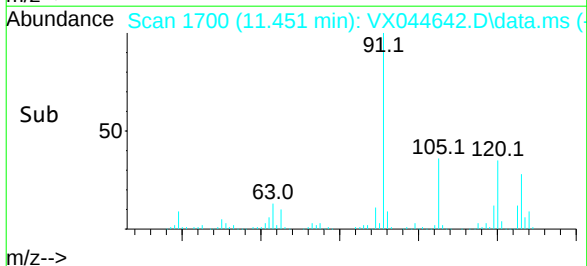
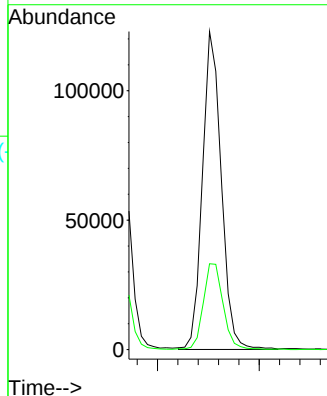
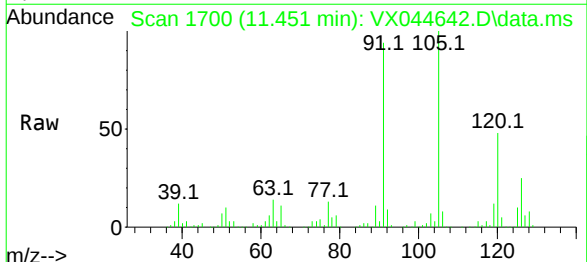
Manual Integrations
APPROVED

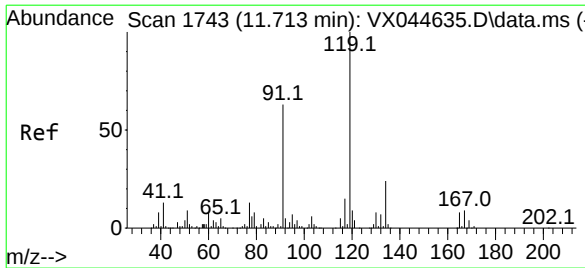
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 22.316 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 91 Resp: 158053
Ion Ratio Lower Upper
91 100
126 28.3 0.0 54.8





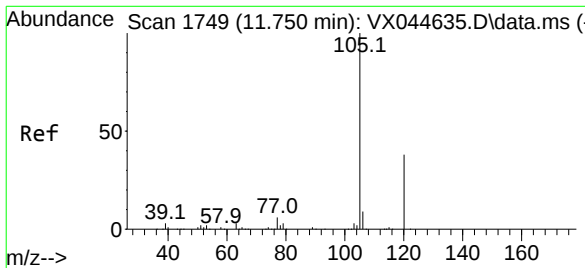
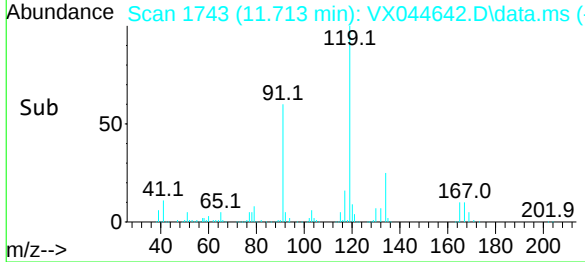
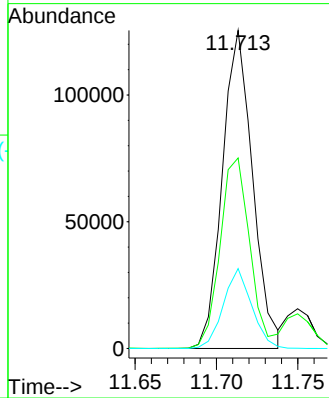
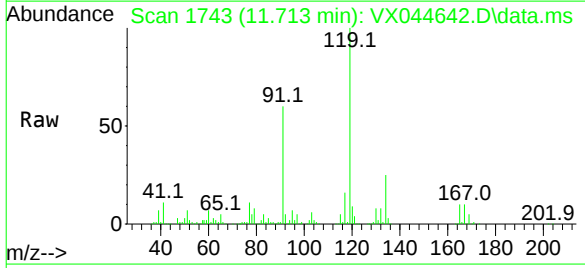
#79
tert-butylbenzene
Concen: 22.171 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02

Tgt Ion:119 Resp: 162029
Ion Ratio Lower Upper
119 100
91 58.3 0.0 124.2
134 23.6 0.0 46.4

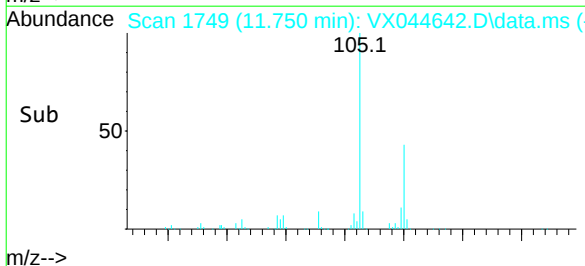
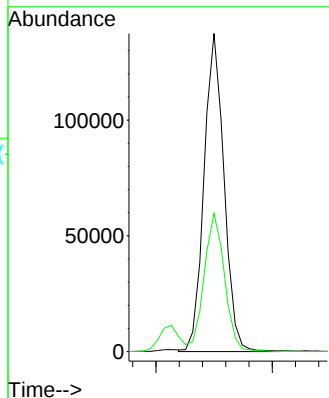
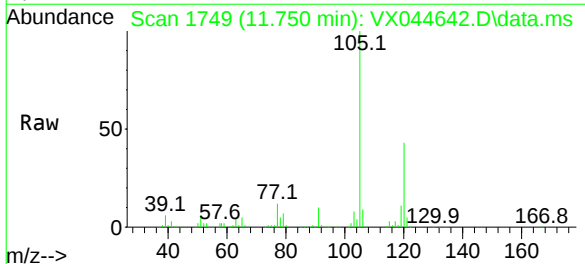
Manual Integrations
APPROVED

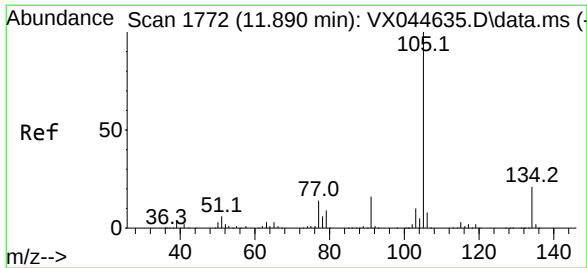
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 22.382 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

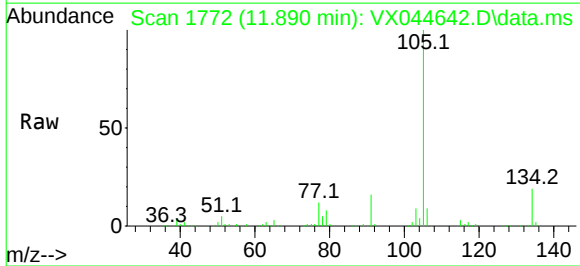
Tgt Ion:105 Resp: 164154
Ion Ratio Lower Upper
105 100
120 44.4 0.0 87.2





#81
sec-Butylbenzene
Concen: 21.223 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

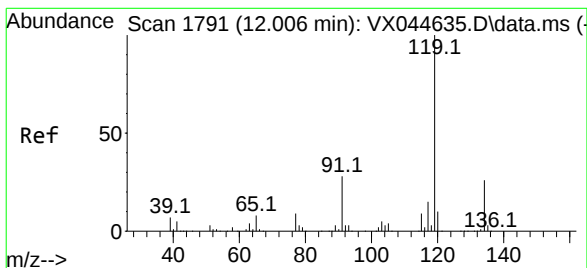
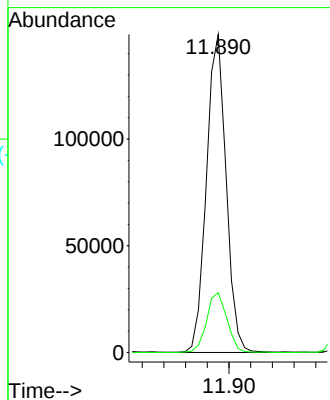
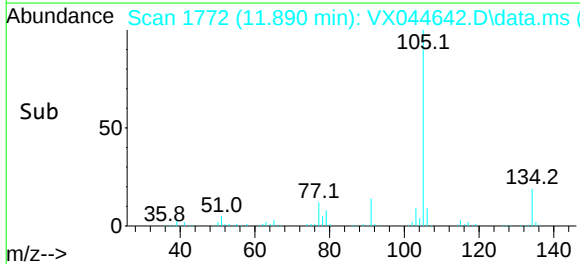
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



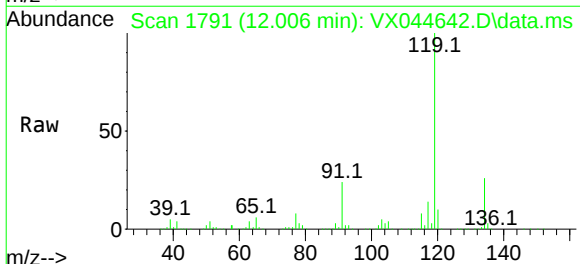
Tgt Ion:105 Resp: 187655
Ion Ratio Lower Upper
105 100
134 19.4 0.0 38.8

Manual Integrations
APPROVED

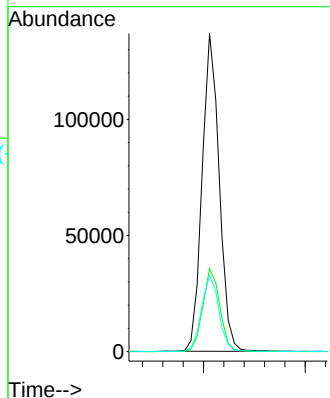
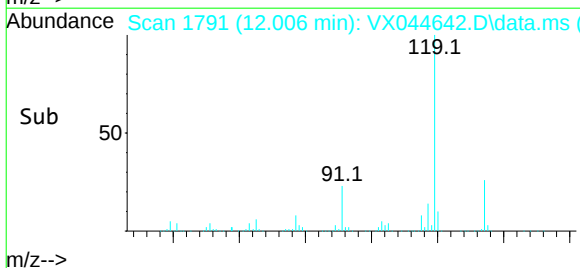
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

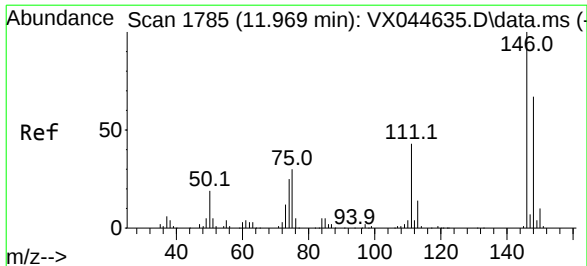


#82
p-Isopropyltoluene
Concen: 21.694 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34



Tgt Ion:119 Resp: 159485
Ion Ratio Lower Upper
119 100
134 26.0 0.0 53.8
91 24.3 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 22.558 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

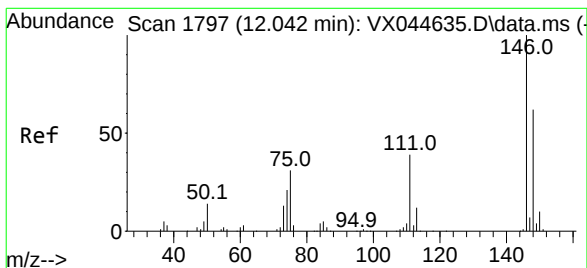
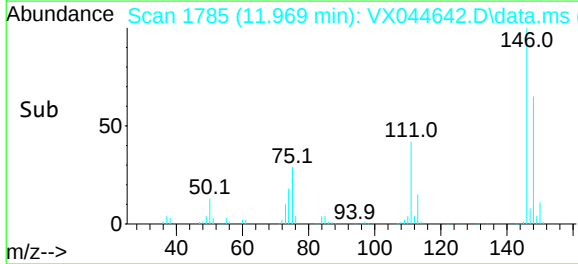
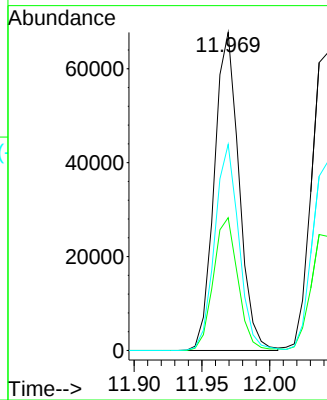
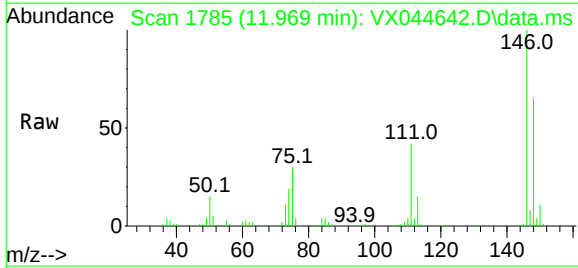
Tgt Ion:	146	Resp:	85886
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.7	65.1
148	63.4	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 22.447 ug/l

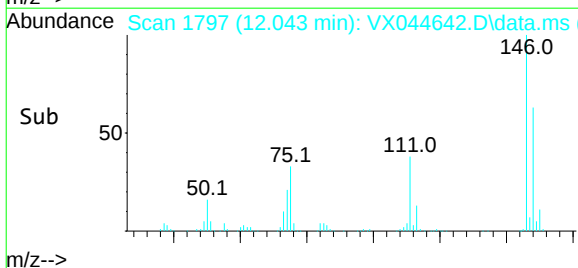
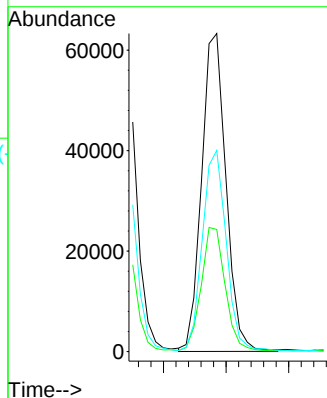
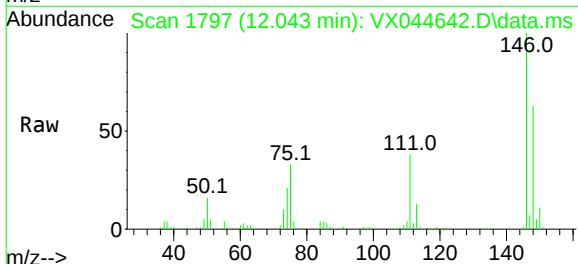
RT: 12.043 min Scan# 1797

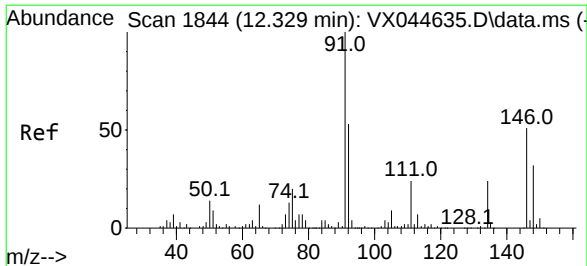
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

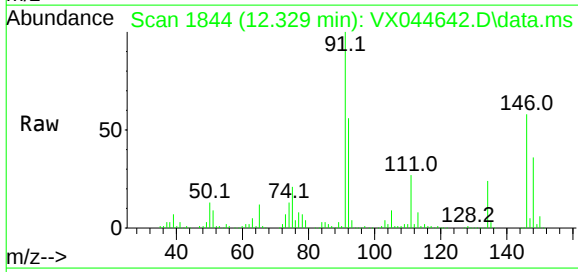
Tgt Ion:	146	Resp:	85477
Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.1	63.1
148	62.3	32.6	98.0





#85
n-Butylbenzene
Concen: 20.206 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

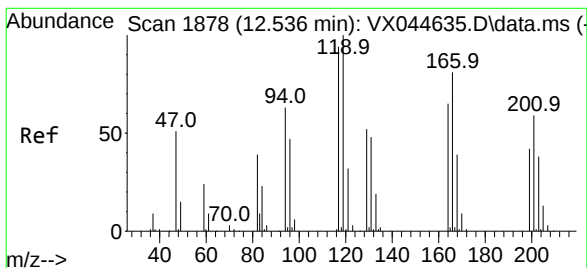
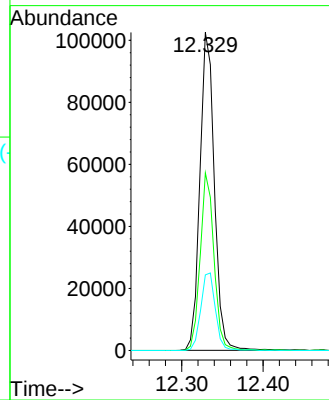
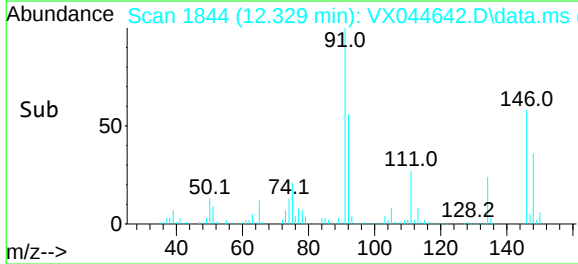
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion: 91 Resp: 126444
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 24.6 0.0 50.0

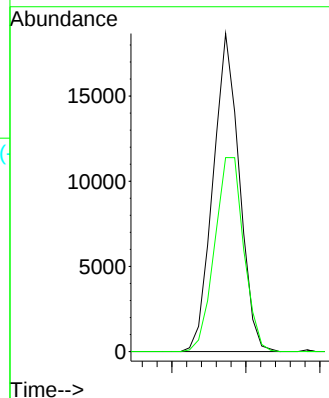
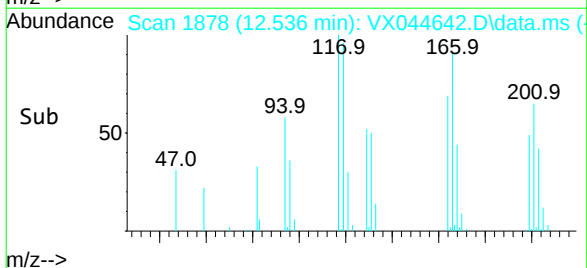
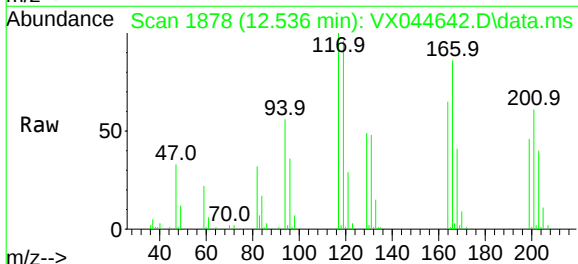
Manual Integrations
APPROVED

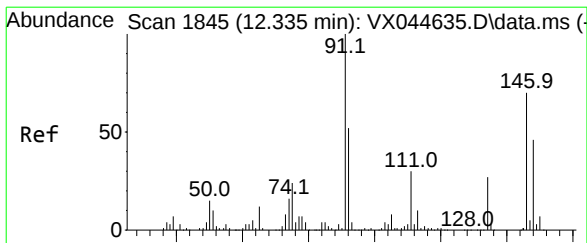
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 19.835 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

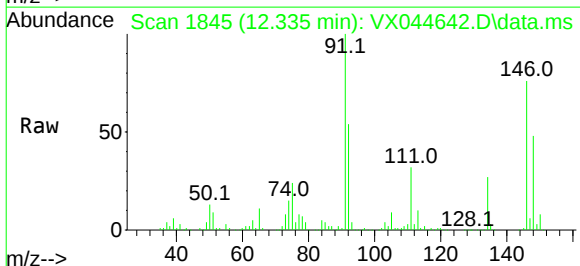
Tgt Ion:117 Resp: 22974
Ion Ratio Lower Upper
117 100
201 67.8 32.8 98.4





#87
1,2-Dichlorobenzene
Concen: 23.124 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

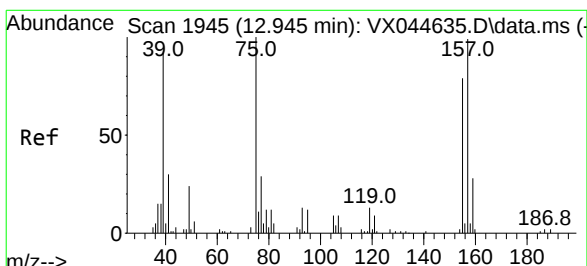
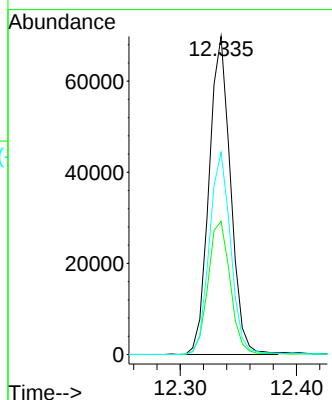
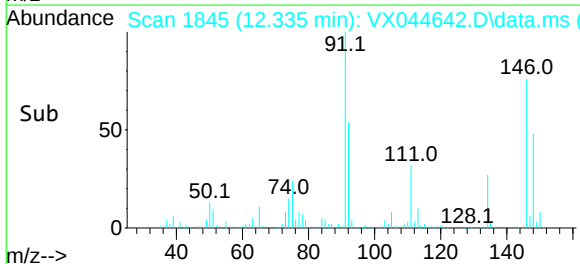
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



Tgt Ion:146 Resp: 89798
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.7
148 63.0 32.0 96.0

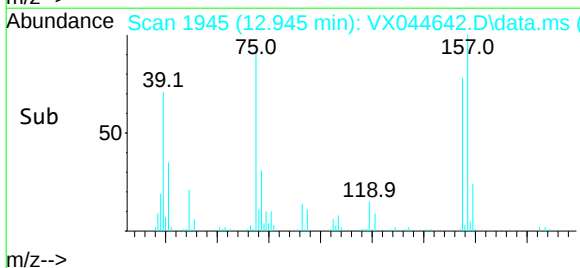
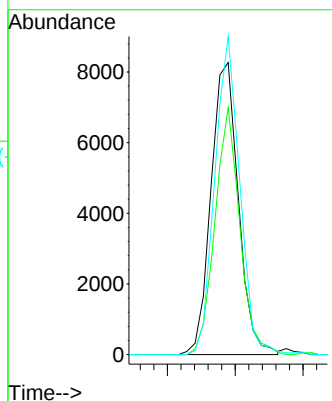
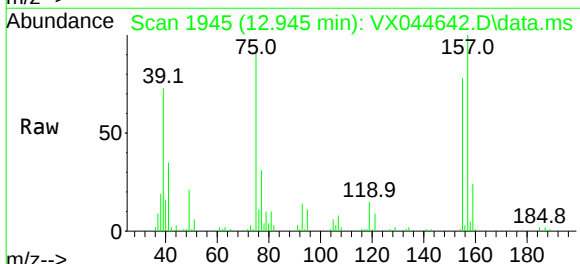
Manual Integrations
APPROVED

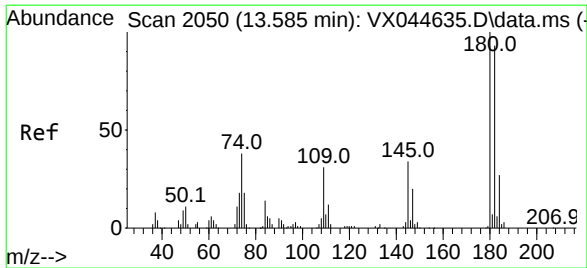
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.641 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

Tgt Ion: 75 Resp: 11602
Ion Ratio Lower Upper
75 100
155 76.7 60.6 90.8
157 99.1 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 20.859 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD02

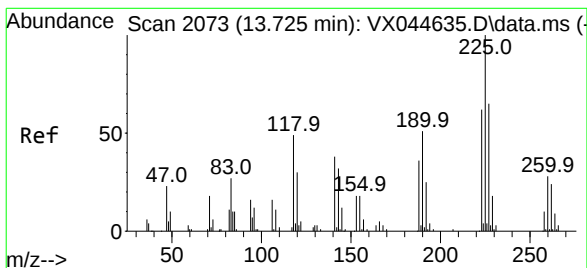
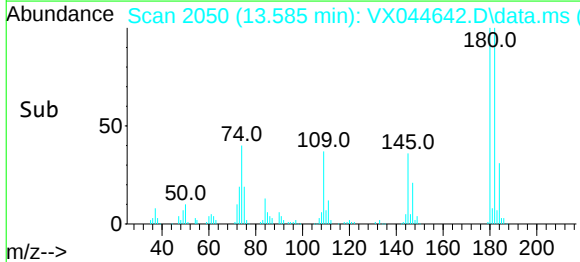
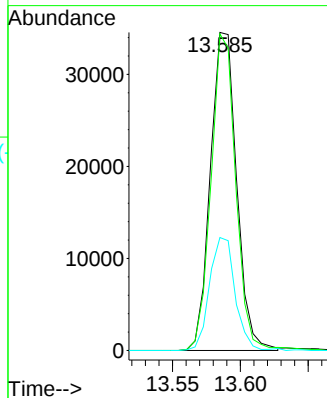
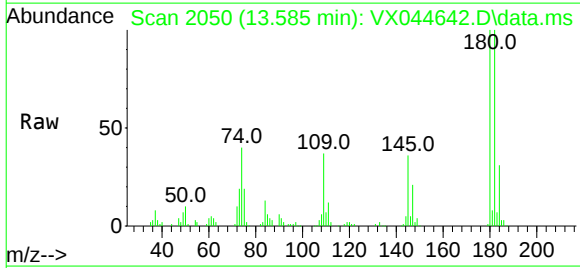
Tgt Ion:	180	Resp:	46489
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.9	113.9
145	34.4	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 19.963 ug/l

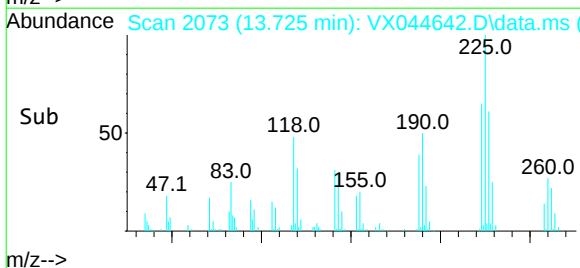
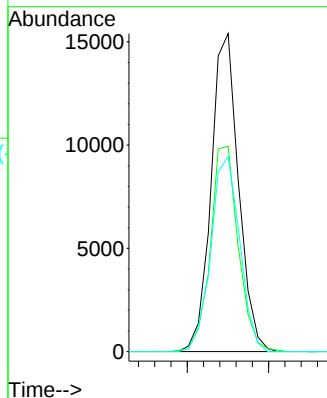
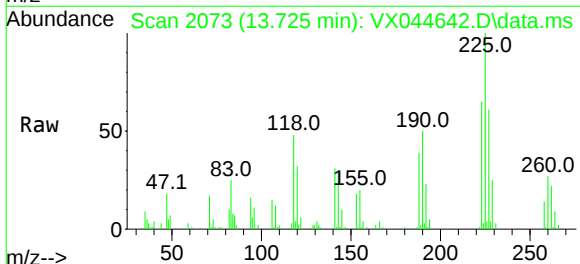
RT: 13.725 min Scan# 2073

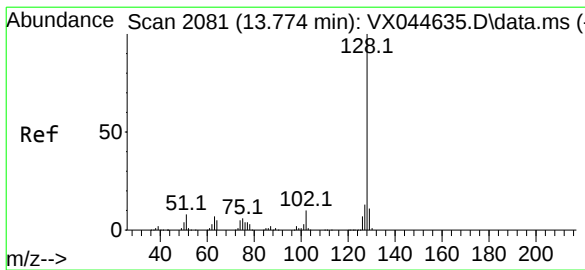
Delta R.T. 0.000 min

Lab File: VX044642.D

Acq: 09 Jan 2025 03:34

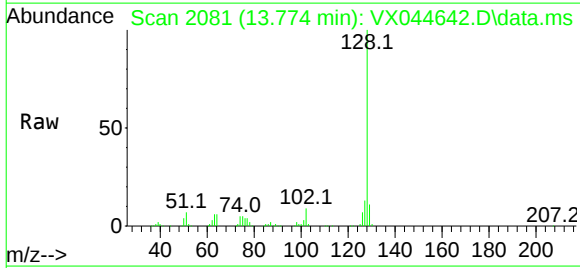
Tgt Ion:	225	Resp:	18022
Ion Ratio	Lower	Upper	
225	100		
223	65.7	0.0	124.0
227	64.4	0.0	134.6





#91
Naphthalene
Concen: 23.350 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34

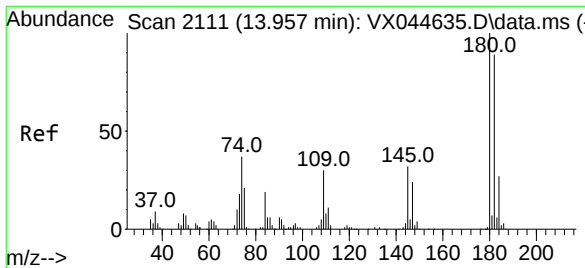
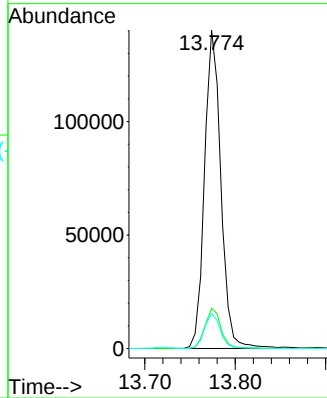
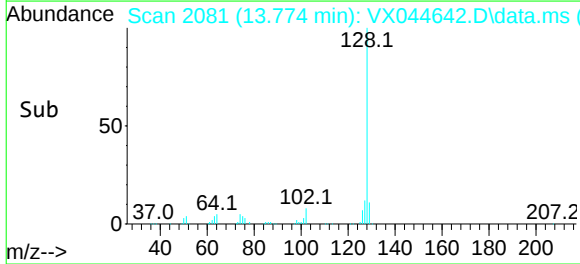
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD02



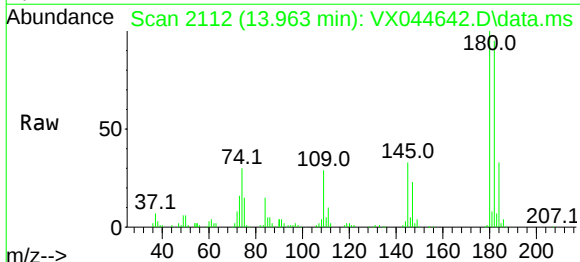
Tgt Ion:128 Resp: 176135
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 21.668 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044642.D
Acq: 09 Jan 2025 03:34



Tgt Ion:180 Resp: 49618
Ion Ratio Lower Upper
180 100
182 94.8 0.0 191.2
145 34.4 0.0 67.0

