

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044638.D
 Acq On : 09 Jan 2025 01:40
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 09 02:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 01:07:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.897	128	27478	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	151214	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	152545	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	89122	37.235	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 124.133%#			
60) 4-Bromofluorobenzene	11.079	95	81961	30.695	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.333%			
63) Toluene-d8	8.646	98	243258	33.274	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 110.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	389036	220.115	ug/l	98
3) Chloromethane	1.294	50	374189	155.639	ug/l	96
4) Vinyl Chloride	1.373	62	361708	160.413	ug/l	97
5) Bromomethane	1.599	94	184146	261.698	ug/l	95
6) Chloroethane	1.666	64	183909	241.643	ug/l	96
7) Trichlorofluoromethane	1.873	101	570980	240.912	ug/l	96
8) Diethyl Ether	2.135	74	210160	197.961	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.318	101	311665	167.968	ug/l	99
10) 1,1-Dichloroethene	2.312	96	309671	164.581	ug/l	93
11) Methyl Iodide	2.446	142	421652	189.623	ug/l	95
12) Methyl Acetate	2.702	43	420587	128.758	ug/l	96
13) Acrolein	2.233	56	402676	733.613	ug/l	100
14) Acrylonitrile	3.062	53	781731	625.812	ug/l	99
15) Acetone	2.385	58	197599	584.347	ug/l	98
16) Carbon Disulfide	2.507	76	762615	144.847	ug/l	99
17) Allyl chloride	2.660	41	552314	153.994	ug/l	97
18) Methylene Chloride	2.788	84	335436	153.172	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	315514	158.360	ug/l	95
20) Diisopropyl ether	3.757	45	1099344	153.446	ug/l	98
21) 1,1-Dichloroethane	3.605	63	622434	159.905	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	382806	160.392	ug/l	99
23) tert-Butyl Alcohol	3.007	59	289641	549.794	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	1102553	164.482	ug/l	98
25) Chloroform	5.086	83	647366	172.275	ug/l	98
26) Cyclohexane	5.464	56	491727	140.912	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	422739	176.164	ug/l	99
30) 2-Butanone	4.556	43	1068415	659.942	ug/l	99
31) 2,2-Dichloropropane	4.470	77	511772	174.401	ug/l #	74
32) 1,1,1-Trichloroethane	5.379	97	586884	196.049	ug/l	97
33) Carbon Tetrachloride	5.671	117	494157	203.855	ug/l	94
34) Benzene	6.031	78	1266727	160.661	ug/l	98
35) Methacrylonitrile	4.922	41	249151	144.547	ug/l	98
36) 1,2-Dichloroethane	6.080	62	525312	199.590	ug/l	99
37) Trichloroethene	7.122	130	315442	174.870	ug/l	97
38) Methylcyclohexane	7.372	83	520962	162.019	ug/l	98
39) 1,2-Dichloropropane	7.427	63	313809	161.640	ug/l	92
40) Dibromomethane	7.574	93	244035	178.961	ug/l	99
41) Bromodichloromethane	7.817	83	487037	183.286	ug/l	98
42) Vinyl Acetate	3.721	43	4779385	667.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	442300	141.420	ug/l #	83
44) Isopropyl Acetate	6.336	43	762320	149.163	ug/l	99
45) 1,4-Dioxane	7.665	88	98688	2110.748	ug/l	100
46) Methyl methacrylate	7.689	41	377968	153.997	ug/l	99
47) n-amyl Acetate	10.841	43	679198	153.311	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	520860	182.924	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	561551	179.994	ug/l #	88
50) 1,1,2-Trichloroethane	9.146	97	331216	180.237	ug/l	98
51) Ethyl methacrylate	9.116	69	550112	165.958	ug/l	91
52) 1,3-Dichloropropane	9.305	76	551812	171.216	ug/l	99
53) Dibromochloromethane	9.518	129	377368	193.279	ug/l	100
54) 1,2-Dibromoethane	9.604	107	333412	174.956	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	1218095	796.189	ug/l	100
56) Bromoform	10.799	173	249891	190.169	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	2216412	642.402	ug/l	95
59) 2-Hexanone	9.433	43	1634048	617.145	ug/l	96
61) Tetrachloroethene	9.268	164	275254	162.047	ug/l	97
62) Toluene	8.714	91	1479226	164.407	ug/l	99
64) Chlorobenzene	10.073	112	945182	171.601	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.158	131	331863	177.030	ug/l	99
66) Ethyl Benzene	10.189	91	1624401	166.821	ug/l	98
67) m/p-Xylenes	10.299	106	1242714	340.834	ug/l	94
68) o-Xylene	10.640	106	602724	164.363	ug/l	95
69) Styrene	10.652	104	1025873	168.597	ug/l	97
70) Isopropylbenzene	10.957	105	1548315	168.737	ug/l	96
71) 1,1,1,2-Tetrachloroethane	11.213	83	474634	143.737	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	407032m	140.824	ug/l	
73) Bromobenzene	11.195	156	359380	167.621	ug/l	98
74) n-propylbenzene	11.298	91	1734158	161.399	ug/l	99
75) 2-Chlorotoluene	11.359	91	1011052	150.913	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1186860	157.283	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	157885	128.379	ug/l	82
78) 4-Chlorotoluene	11.451	91	1154987	158.069	ug/l	98
79) tert-butylbenzene	11.713	119	1181415	155.318	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1173853	153.206	ug/l	100
81) sec-Butylbenzene	11.890	105	1443533	151.376	ug/l	100
82) p-Isopropyltoluene	12.006	119	1215043	157.204	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	627025	161.234	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	615037	158.104	ug/l	99
85) n-Butylbenzene	12.329	91	1110316	161.337	ug/l	99
86) Hexachloroethane	12.536	117	218397	143.497	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	613163	156.448	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	101751	137.787	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	396410	172.617	ug/l	100
90) Hexachlorobutadiene	13.725	225	152762	175.013	ug/l	96
91) Naphthalene	13.774	128	1320487	151.993	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	389636	165.488	ug/l	99

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

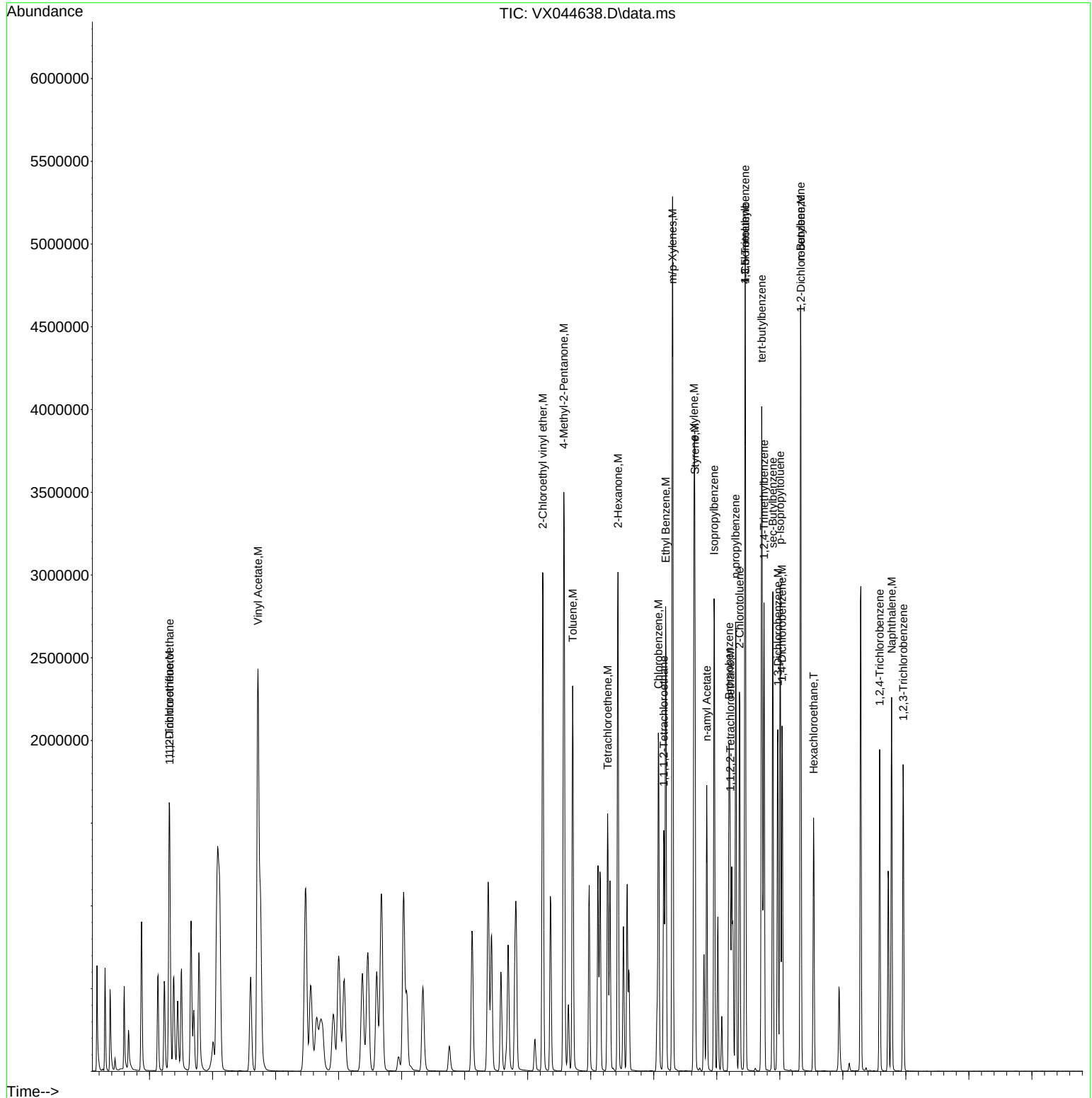
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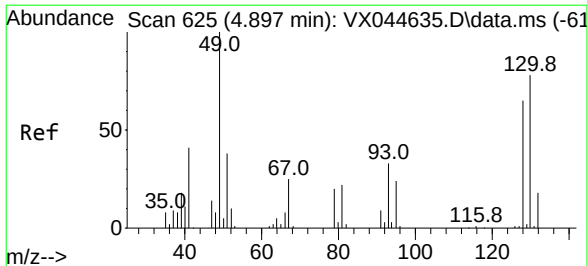
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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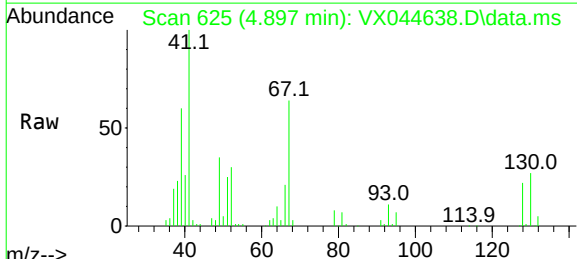
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 09 01:07:24 2025
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

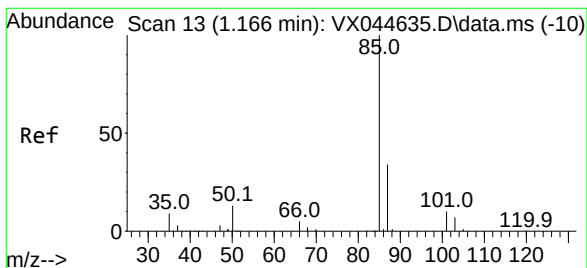
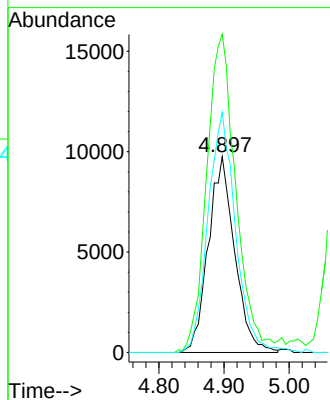
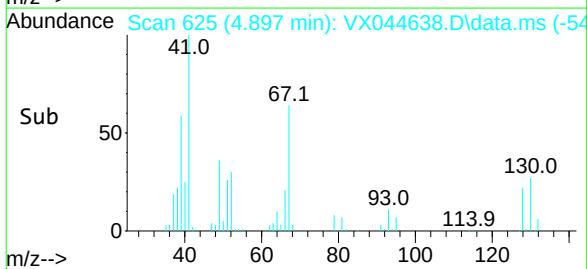
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 27478
Ion Ratio Lower Upper
128 100
49 176.8 0.0 425.8
130 126.8 0.0 319.8

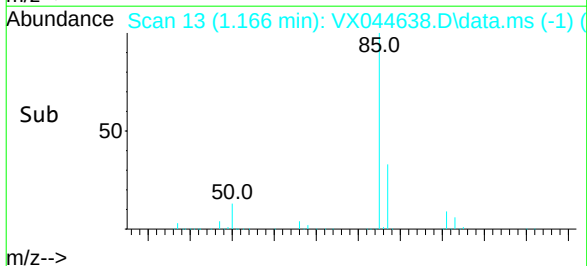
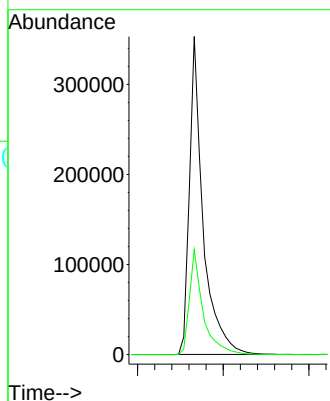
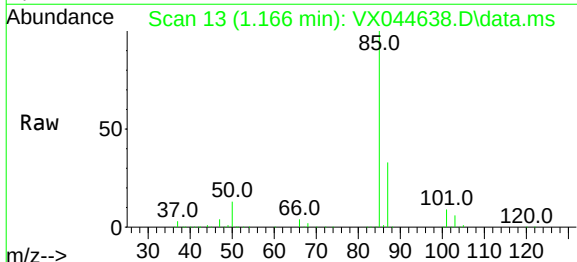
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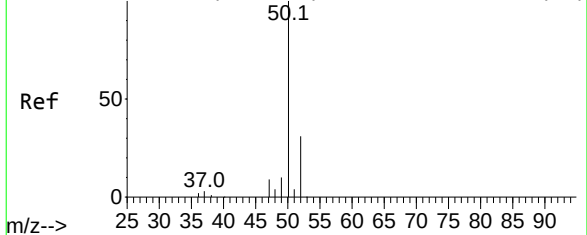


#2
Dichlorodifluoromethane
Concen: 220.115 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 85 Resp: 389036
Ion Ratio Lower Upper
85 100
87 33.0 17.0 51.0



Abundance Scan 34 (1.294 min): VX044635.D\data.ms (-30)



#3

Chloromethane

Concen: 155.639 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 374189

Ion Ratio Lower Upper

50 100

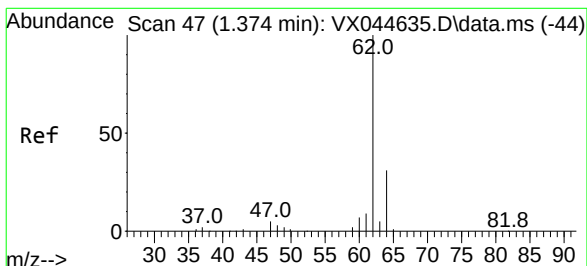
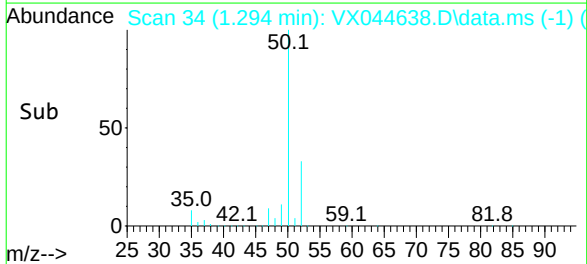
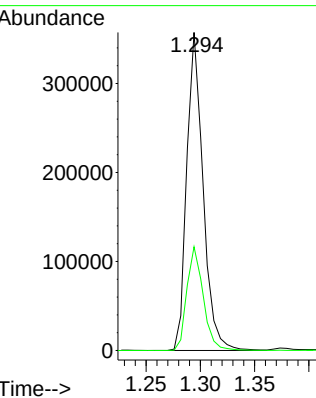
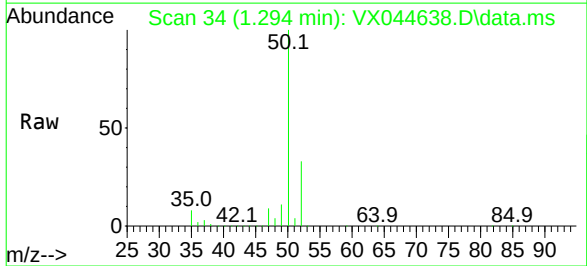
52 32.6 24.5 36.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/09/2025



#4

Vinyl Chloride

Concen: 160.413 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044638.D

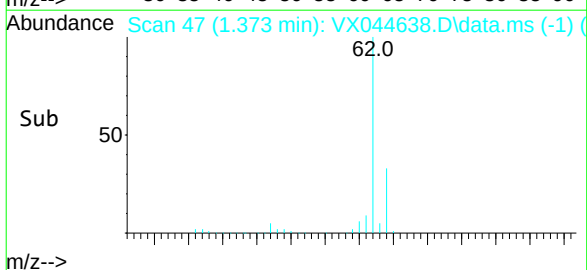
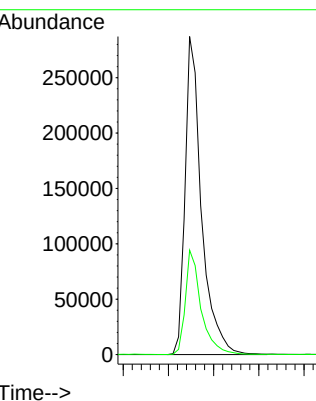
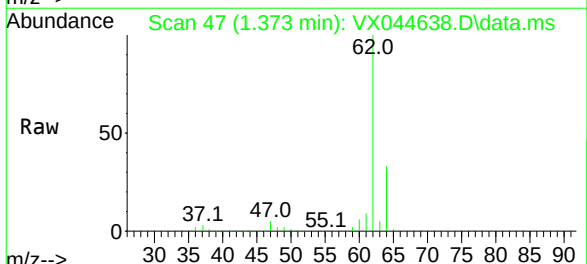
Acq: 09 Jan 2025 01:40

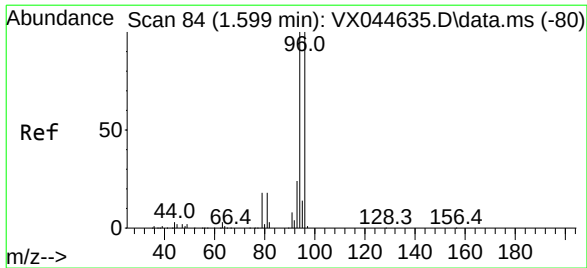
Tgt Ion: 62 Resp: 361708

Ion Ratio Lower Upper

62 100

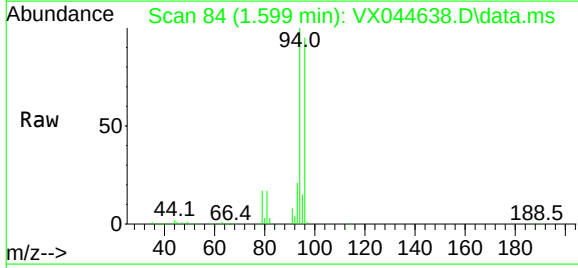
64 32.8 24.7 37.1





#5
Bromomethane
Concen: 261.698 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

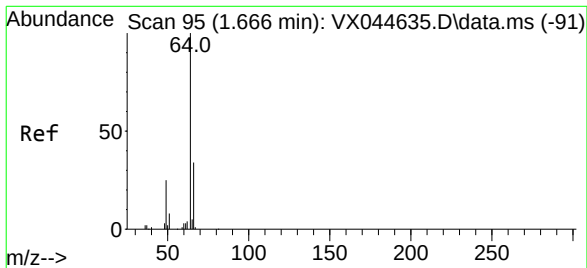
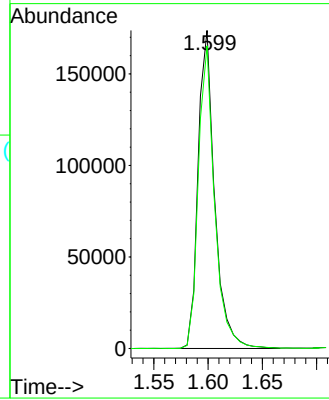
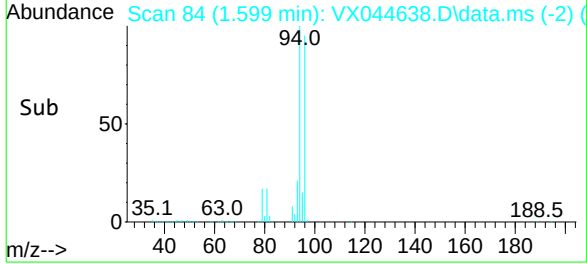
Instrument :
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ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 184146
Ion Ratio Lower Upper
94 100
96 95.2 79.9 119.9

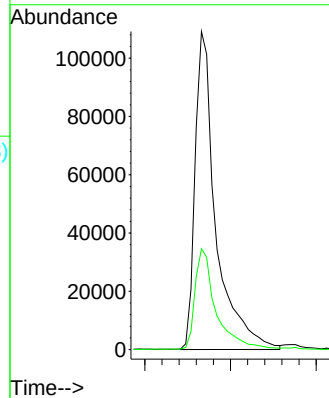
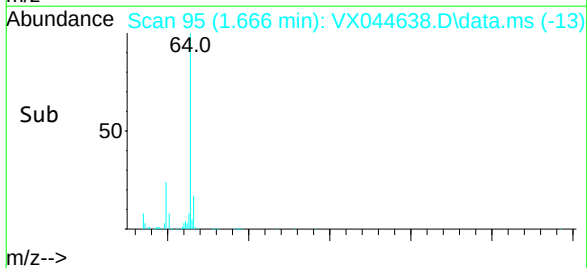
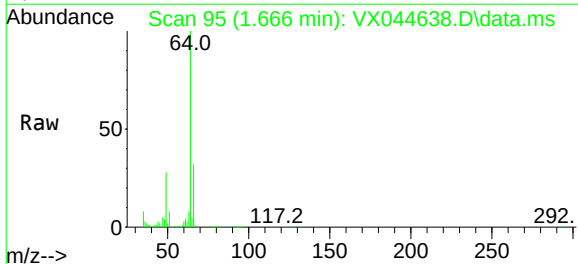
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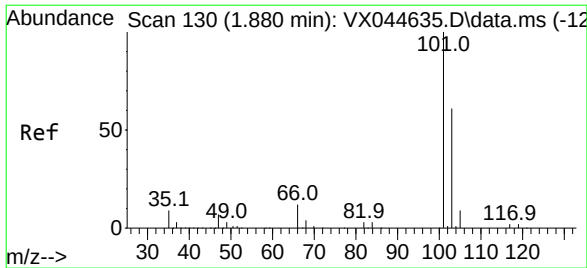
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 241.643 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 64 Resp: 183909
Ion Ratio Lower Upper
64 100
66 31.6 26.9 40.3





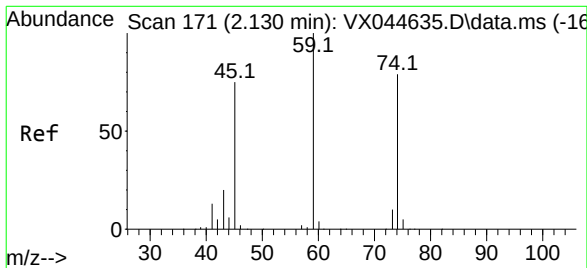
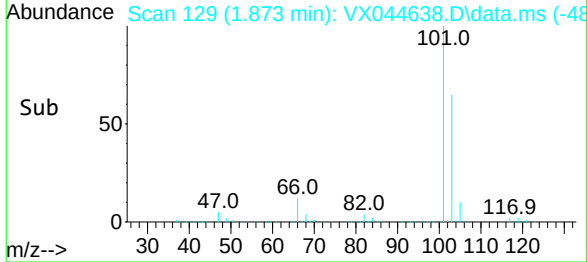
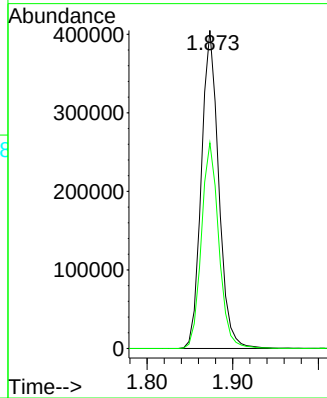
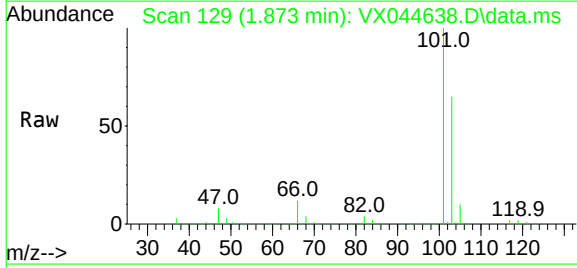
#7
 Trichlorofluoromethane
 Concen: 240.912 ug/l
 RT: 1.873 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX044638.D
 Acq: 09 Jan 2025 01:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 570980
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.2 73.8

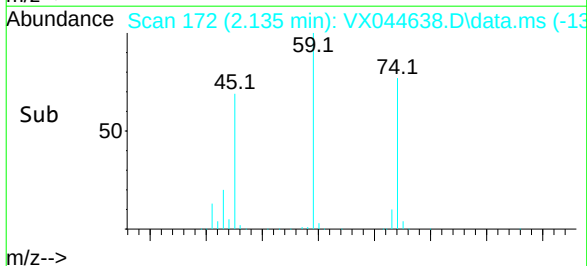
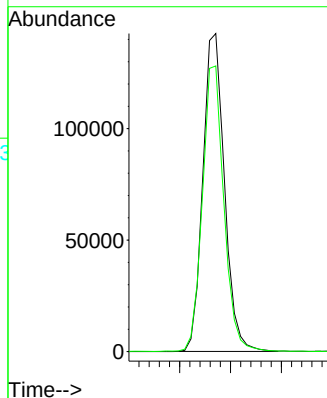
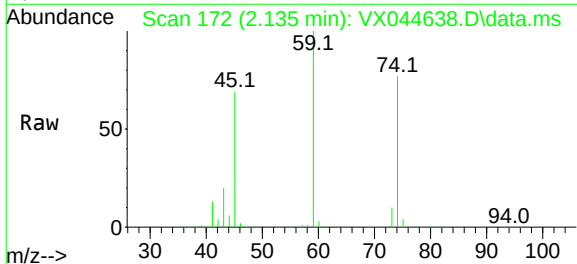
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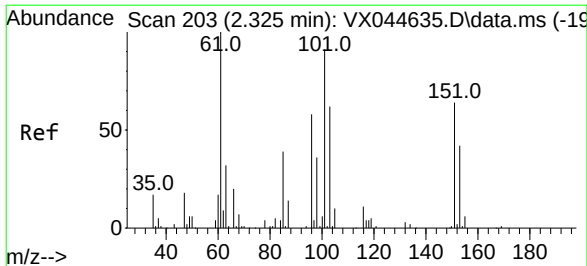
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#8
 Diethyl Ether
 Concen: 197.961 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.006 min
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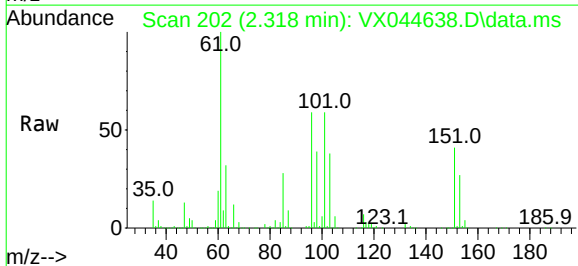
Tgt Ion: 74 Resp: 210160
 Ion Ratio Lower Upper
 74 100
 45 89.5 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 167.968 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044638.D
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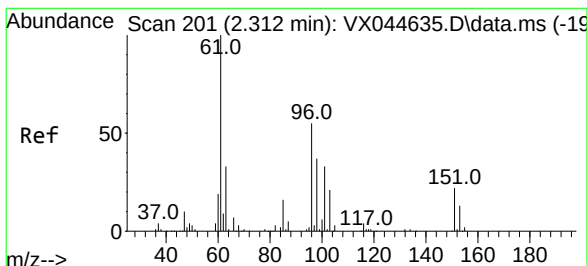
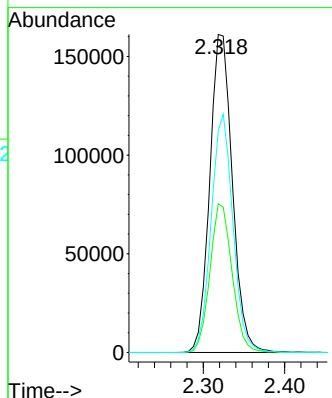
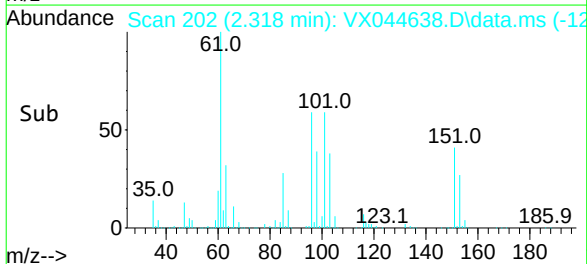
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 311665
Ion Ratio Lower Upper
101 100
85 45.8 0.0 93.4
151 72.4 0.0 146.2

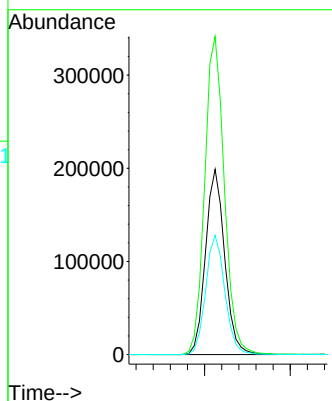
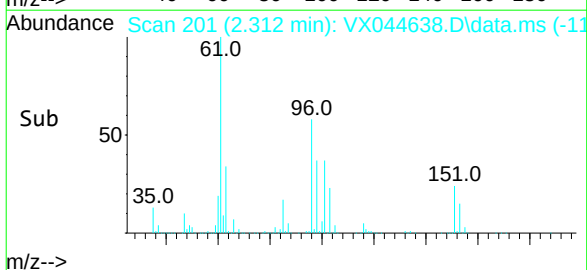
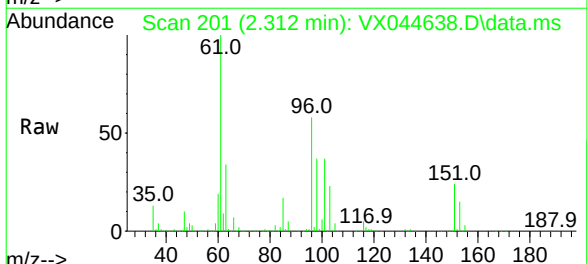
Manual Integrations
APPROVED

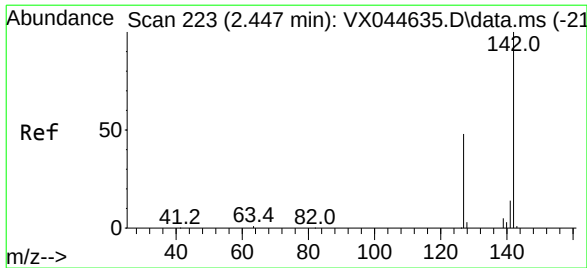
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#10
1,1-Dichloroethene
Concen: 164.581 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

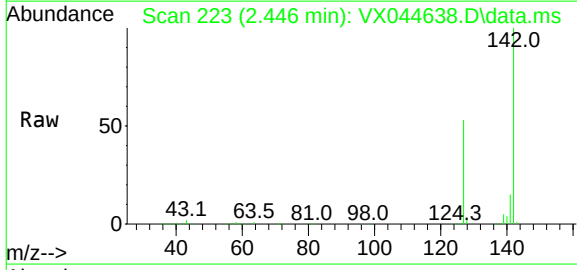
Tgt Ion: 96 Resp: 309671
Ion Ratio Lower Upper
96 100
61 171.7 146.0 219.0
98 64.3 54.6 81.8





#11
Methyl Iodide
Concen: 189.623 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

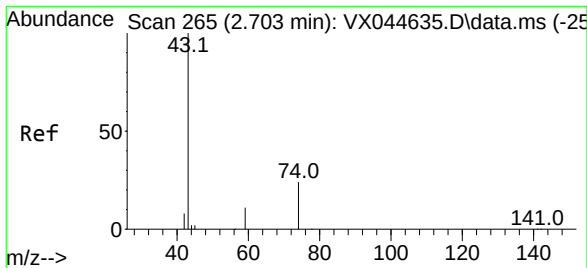
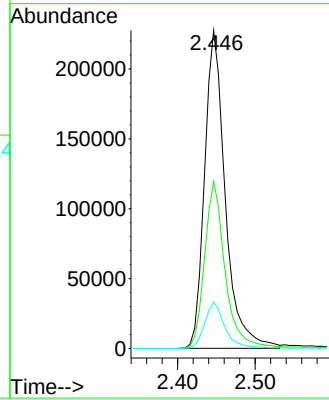
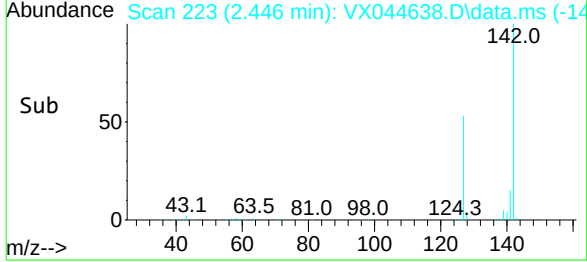
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



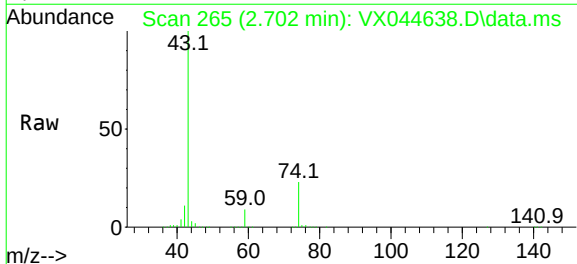
Tgt Ion:142 Resp: 421652
Ion Ratio Lower Upper
142 100
127 52.5 24.1 72.2
141 14.5 7.0 20.9

Manual Integrations
APPROVED

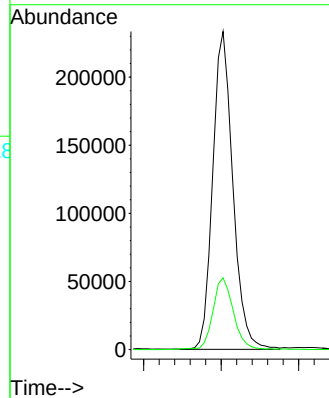
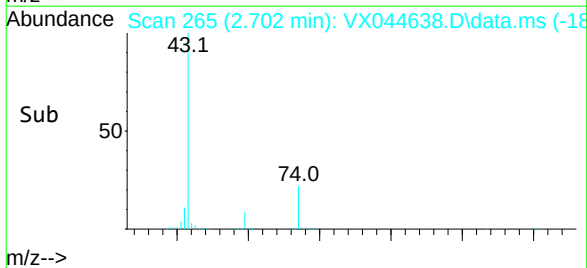
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

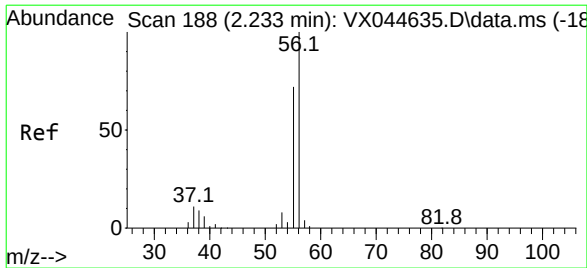


#12
Methyl Acetate
Concen: 128.758 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40



Tgt Ion: 43 Resp: 420587
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.0





#13

Acrolein

Concen: 733.613 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 402676

Ion Ratio Lower Upper

56 100

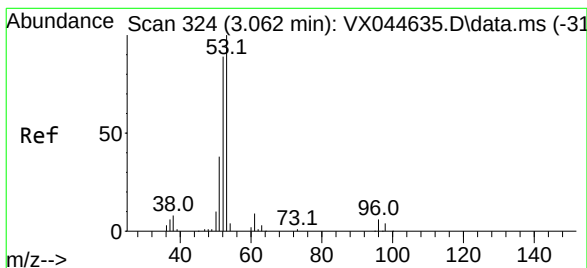
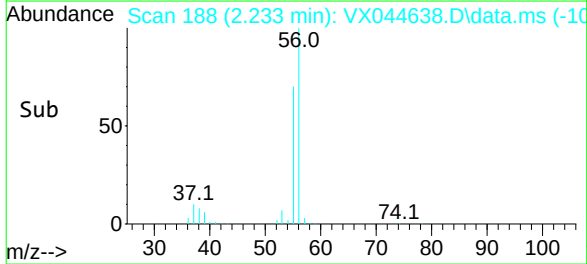
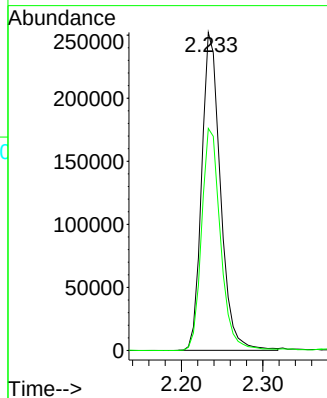
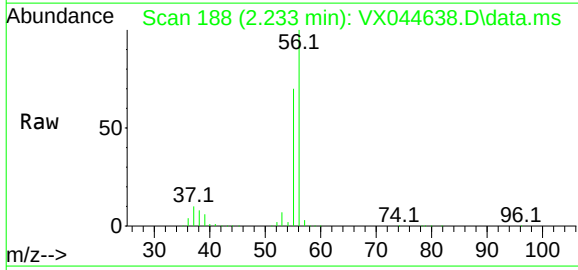
55 70.5 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 625.812 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

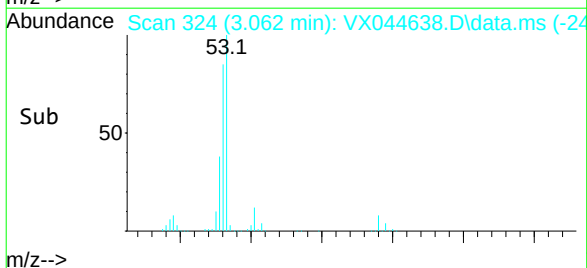
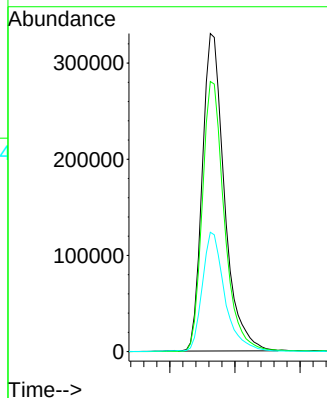
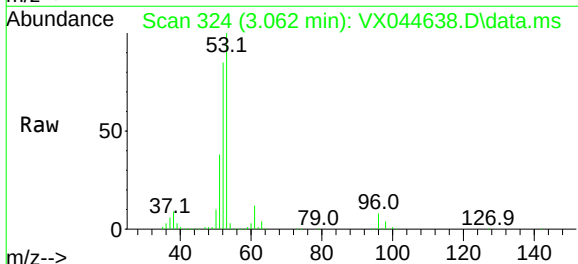
Tgt Ion: 53 Resp: 781731

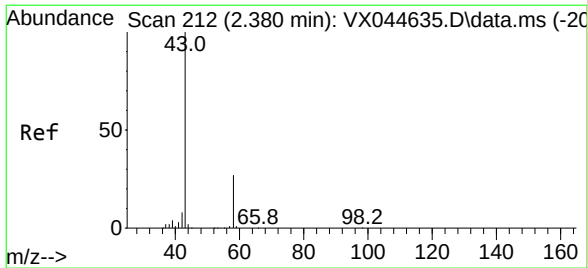
Ion Ratio Lower Upper

53 100

52 84.5 41.5 124.6

51 37.5 18.4 55.4





#15

Acetone

Concen: 584.347 ug/l

RT: 2.385 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 197599

Ion Ratio Lower Upper

58 100

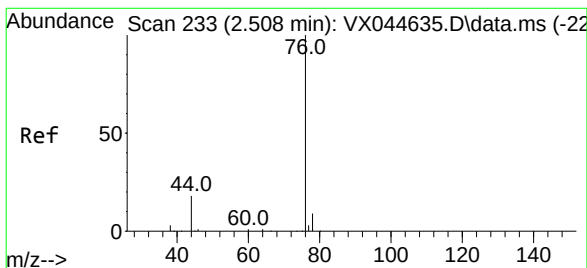
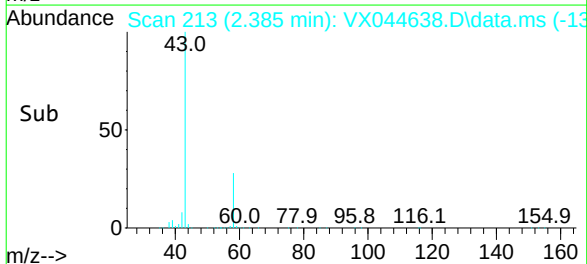
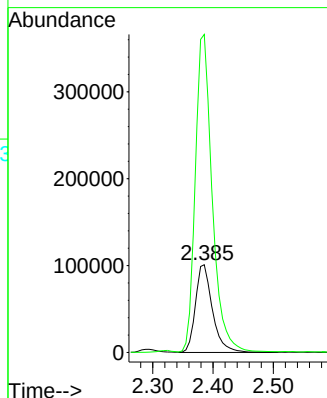
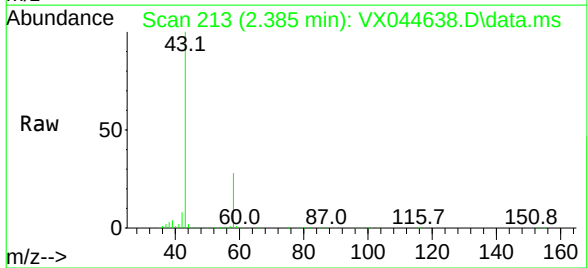
43 362.5 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 144.847 ug/l

RT: 2.507 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX044638.D

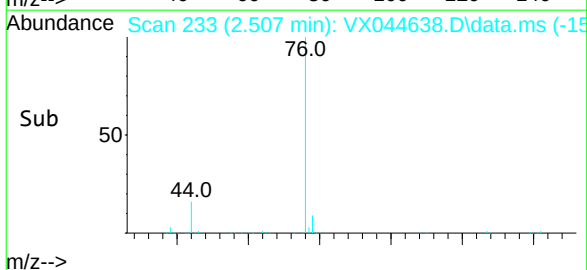
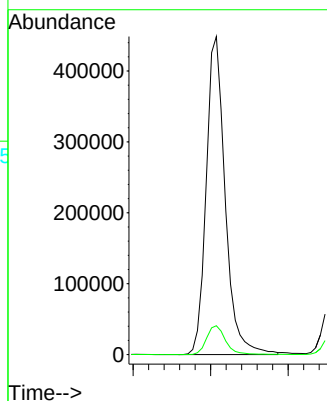
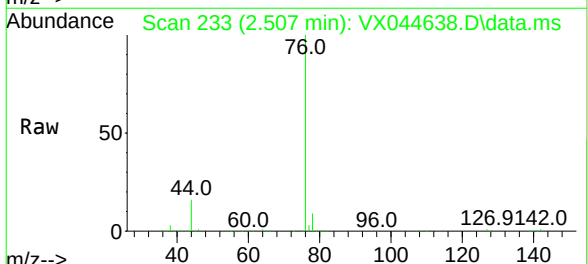
Acq: 09 Jan 2025 01:40

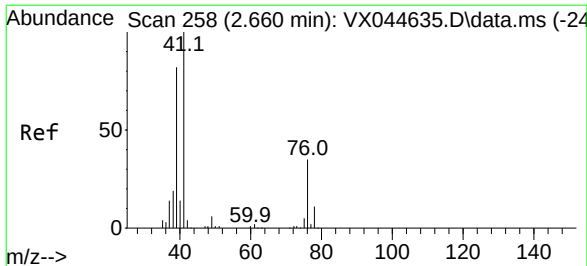
Tgt Ion: 76 Resp: 762615

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4





#17
 Allyl chloride
 Concen: 153.994 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX044638.D
 Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

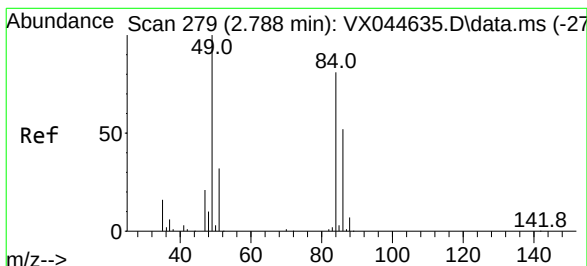
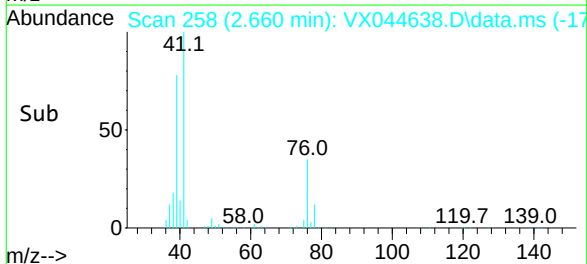
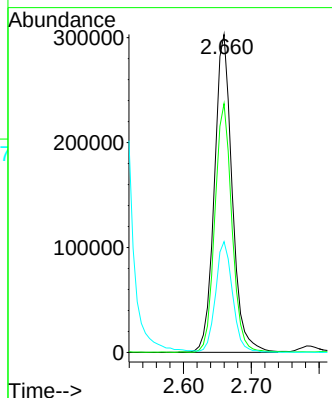
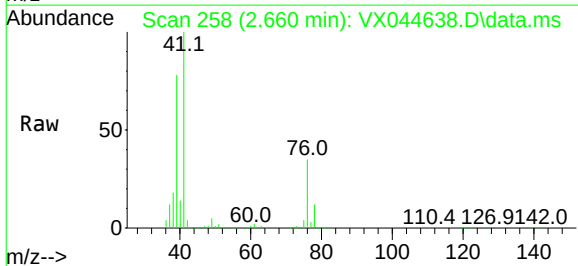
ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 552314
 Ion Ratio Lower Upper
 41 100
 39 78.1 40.9 122.7
 76 34.8 17.4 52.2

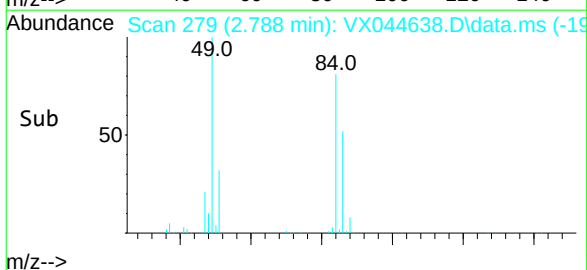
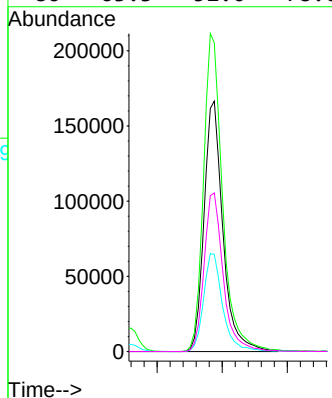
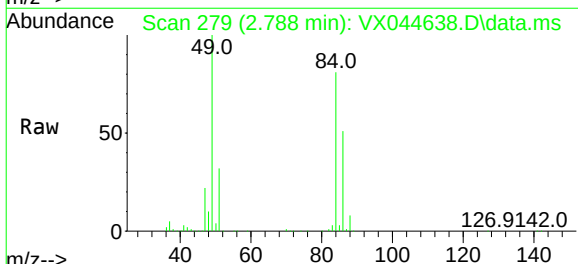
Manual Integrations
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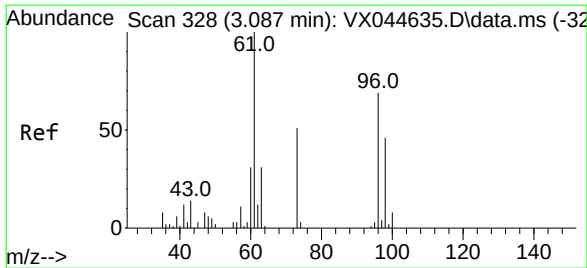
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 153.172 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX044638.D
 Acq: 09 Jan 2025 01:40

Tgt Ion: 84 Resp: 335436
 Ion Ratio Lower Upper
 84 100
 49 123.2 99.2 148.8
 51 38.8 31.7 47.5
 86 63.3 52.0 78.0





#19

trans-1,2-Dichloroethene

Concen: 158.360 ug/l

RT: 3.087 min Scan# 32

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 315514

Ion Ratio Lower Upper

96 100

61 139.0 116.6 175.0

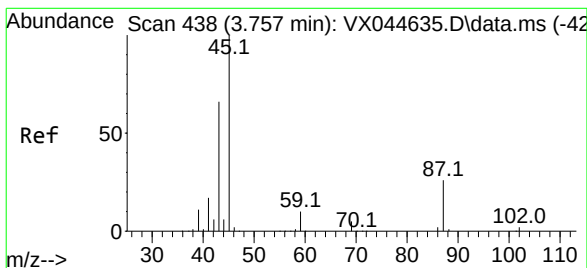
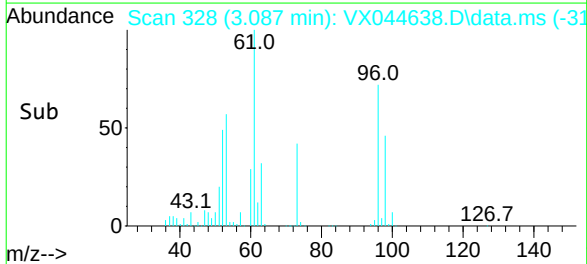
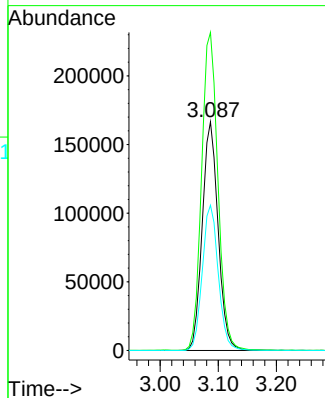
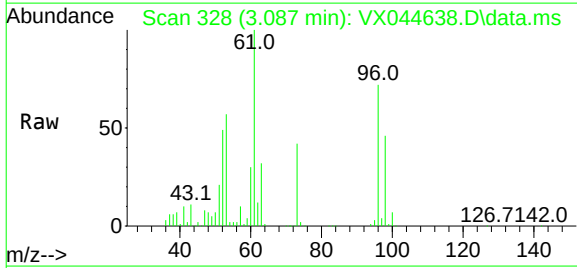
98 63.5 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#20

Diisopropyl ether

Concen: 153.446 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Tgt Ion: 45 Resp: 1099344

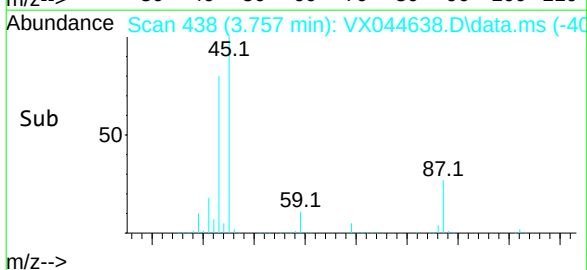
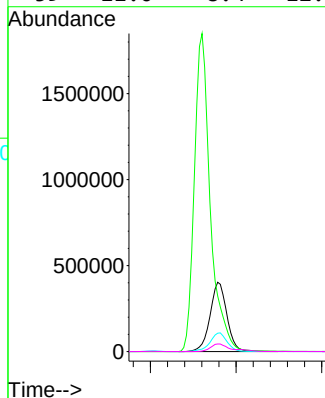
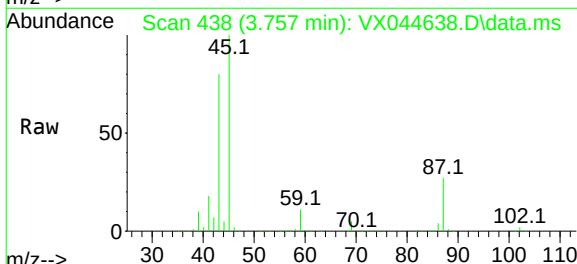
Ion Ratio Lower Upper

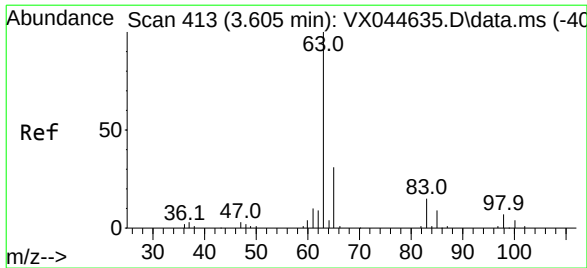
45 100

43 80.0 62.0 93.0

87 26.6 20.6 30.8

59 11.0 8.4 12.6





#21

1,1-Dichloroethane

Concen: 159.905 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 622434

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

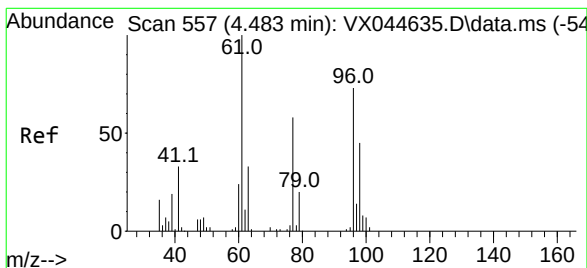
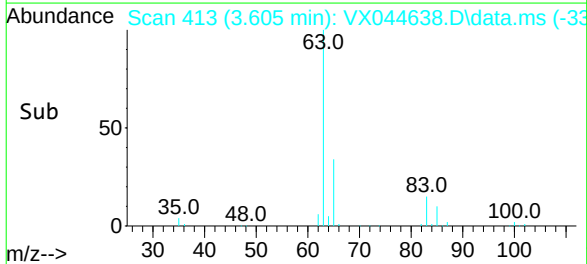
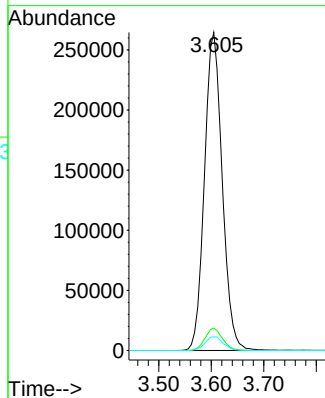
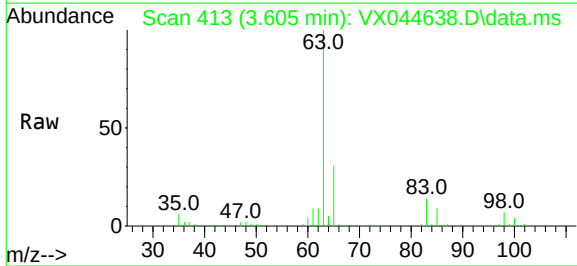
100 4.3 2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 160.392 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

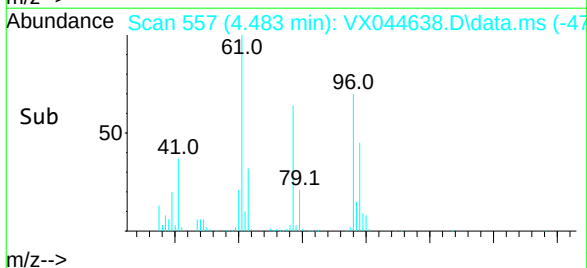
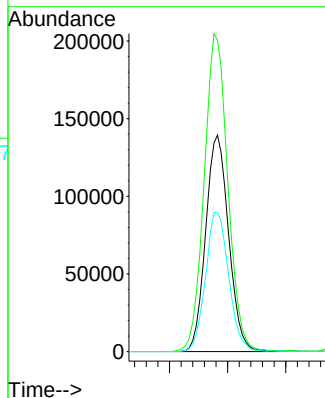
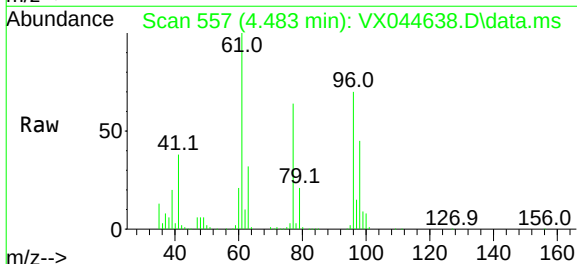
Tgt Ion: 96 Resp: 382806

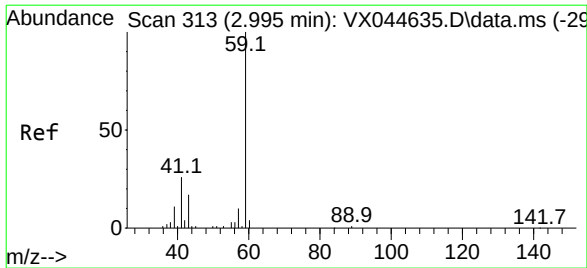
Ion Ratio Lower Upper

96 100

61 150.9 119.8 179.8

98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 549.794 ug/l

RT: 3.007 min Scan# 313

Delta R.T. 0.012 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 289641

Ion Ratio Lower Upper

59 100

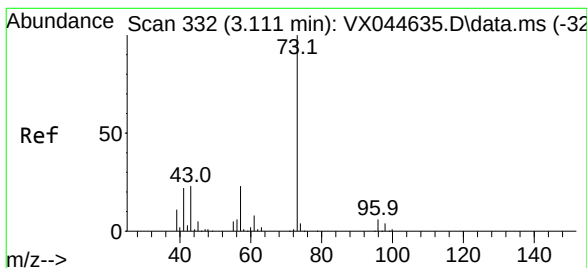
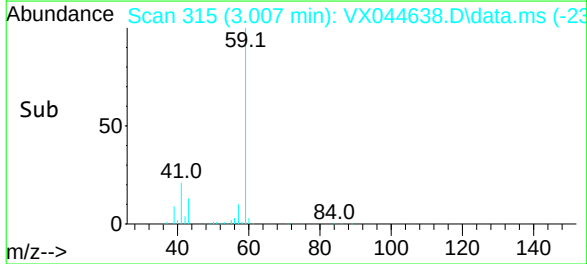
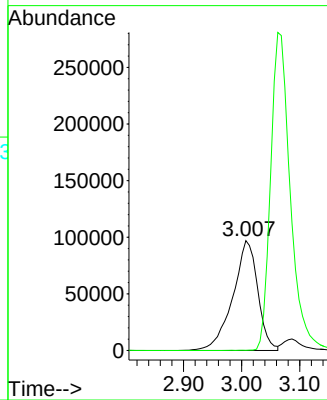
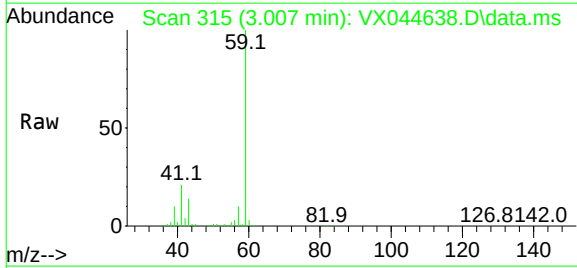
52 0.1 0.0 0.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

Methyl tert-Butyl Ether

Concen: 164.482 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044638.D

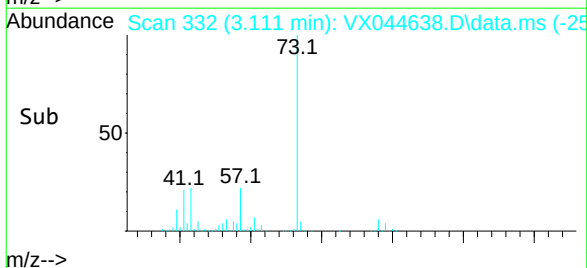
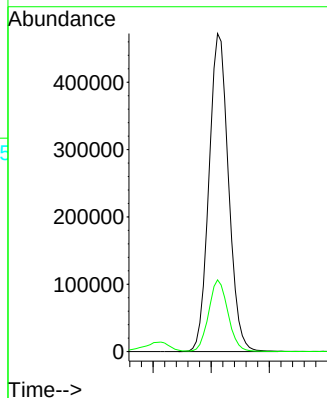
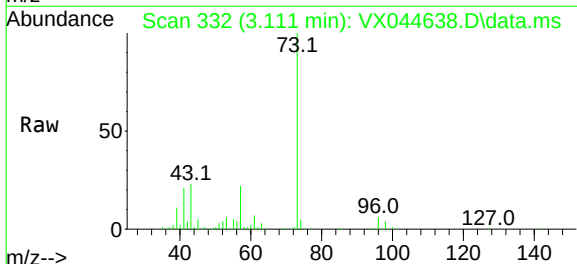
Acq: 09 Jan 2025 01:40

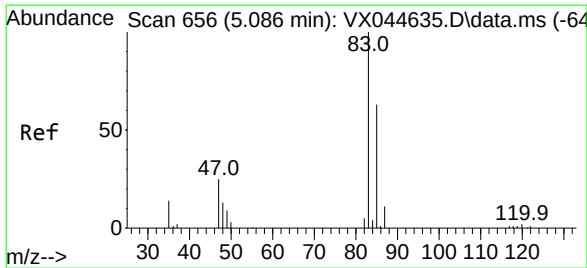
Tgt Ion: 73 Resp: 1102553

Ion Ratio Lower Upper

73 100

43 22.1 18.3 27.5





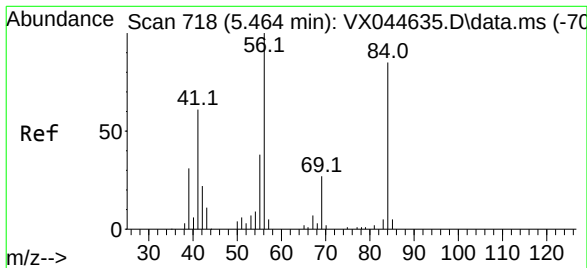
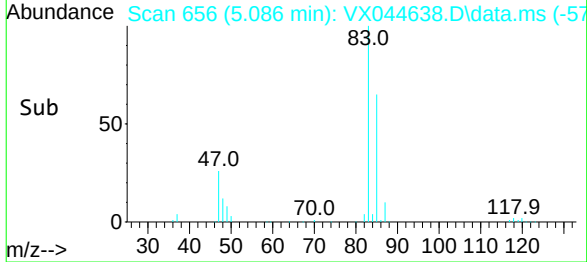
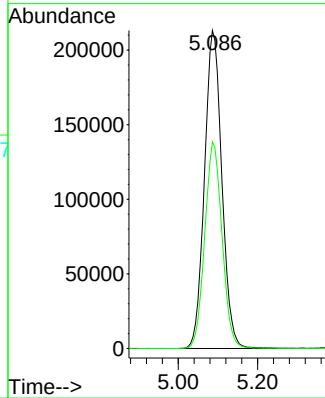
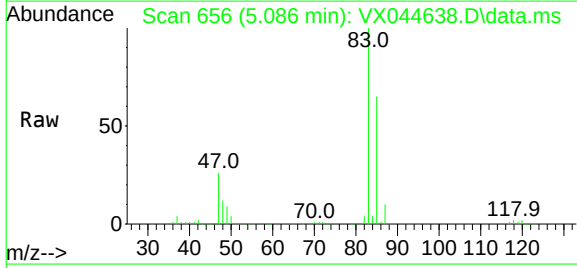
#25
Chloroform
Concen: 172.275 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 647366
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1

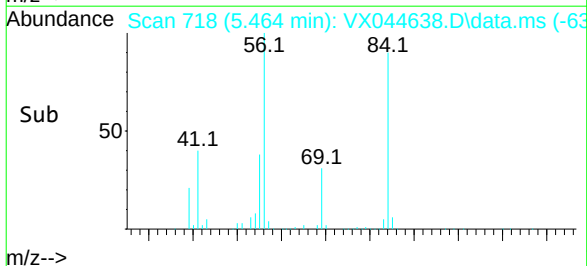
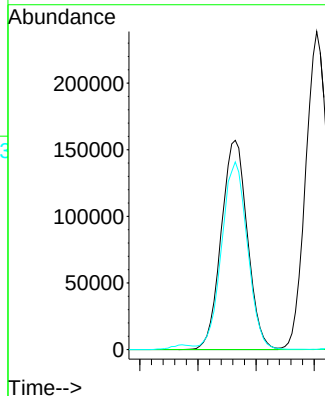
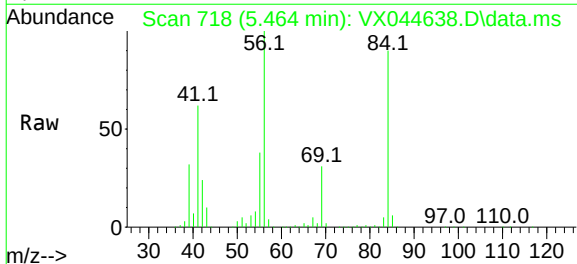
Manual Integrations
APPROVED

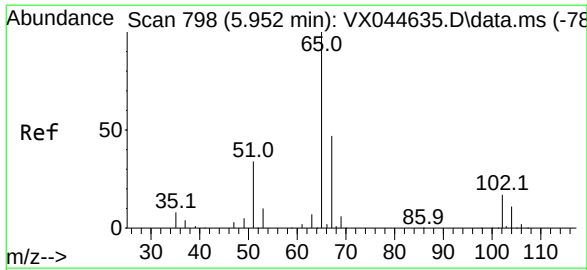
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#26
Cyclohexane
Concen: 140.912 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 56 Resp: 491727
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 88.4 69.2 103.8





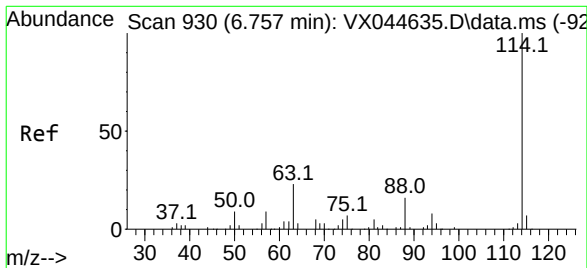
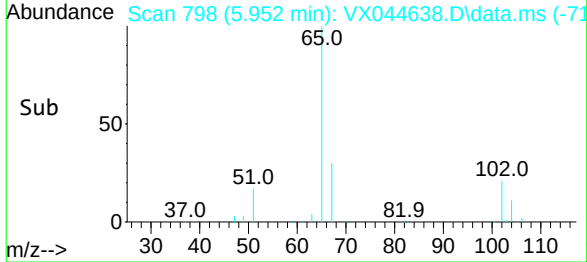
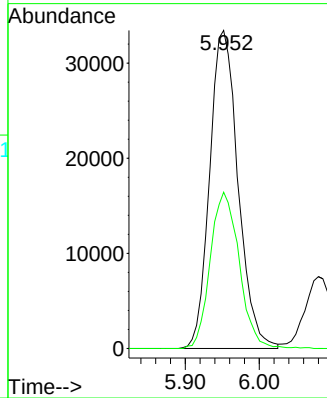
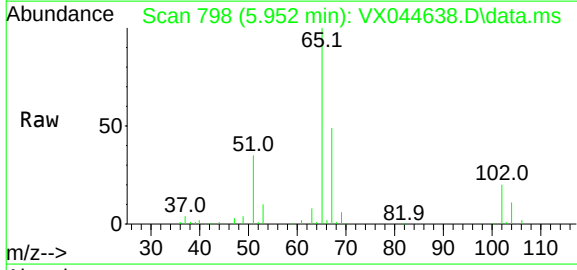
#27
1,2-Dichloroethane-d4
Concen: 37.235 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 89122
Ion Ratio Lower Upper
65 100
67 50.0 39.1 58.7

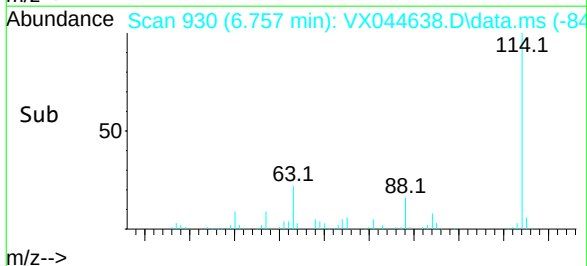
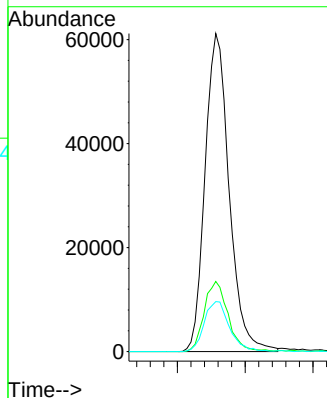
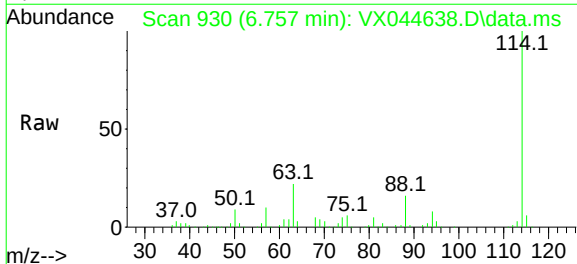
Manual Integrations
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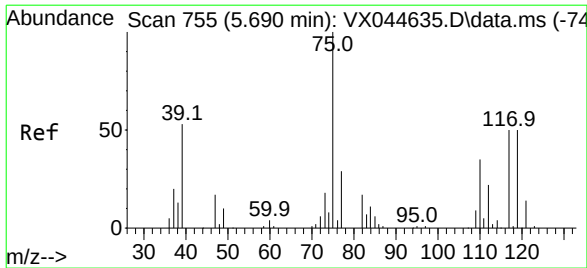
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:114 Resp: 151214
Ion Ratio Lower Upper
114 100
63 21.6 17.7 26.5
88 16.4 13.1 19.7





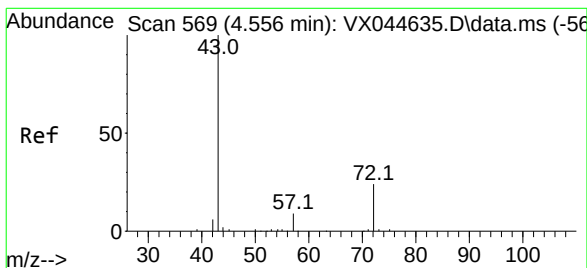
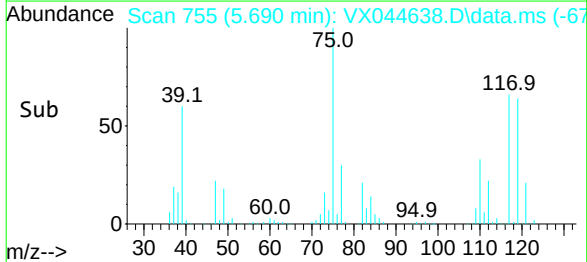
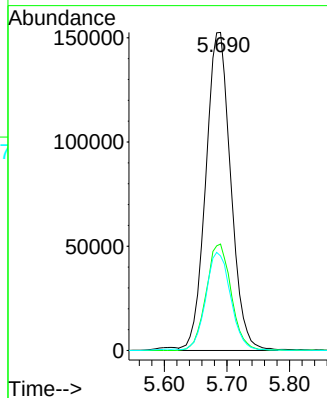
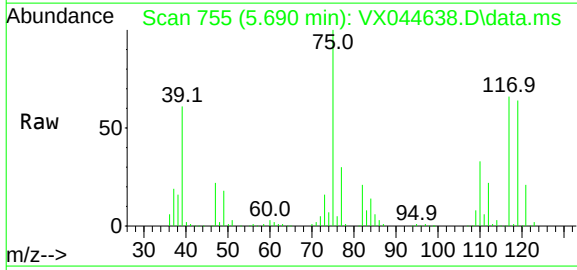
#29
1,1-Dichloropropene
Concen: 176.164 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 422739
Ion Ratio Lower Upper
75 100
110 33.6 0.0 67.4
77 30.1 0.0 62.8

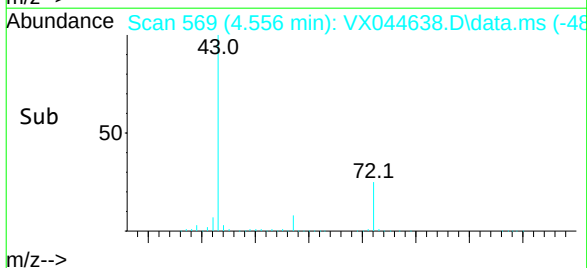
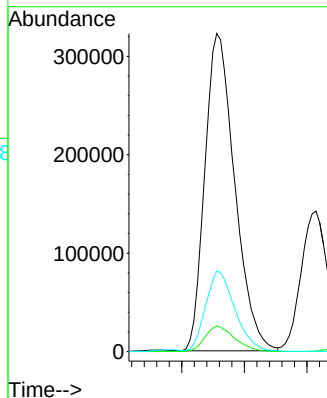
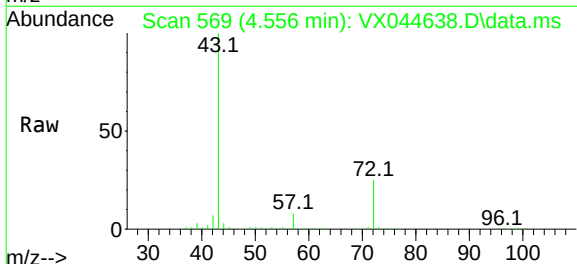
Manual Integrations
APPROVED

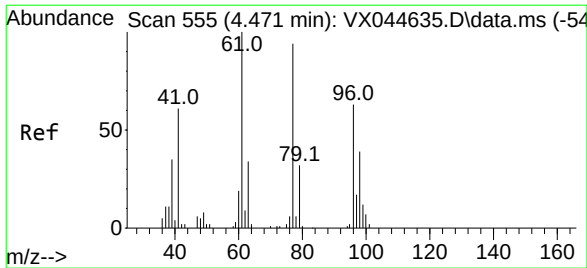
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 659.942 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

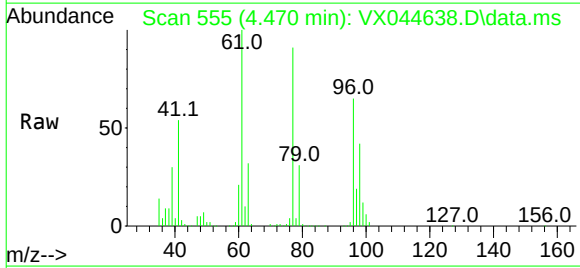
Tgt Ion: 43 Resp: 1068415
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 25.0 19.4 29.2





#31
2,2-Dichloropropane
Concen: 174.401 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

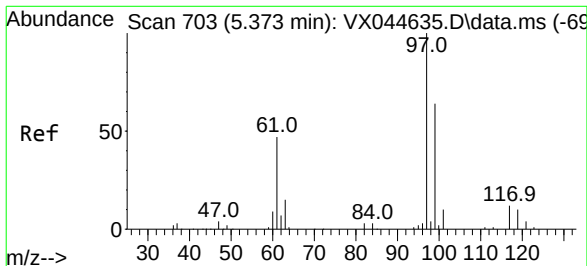
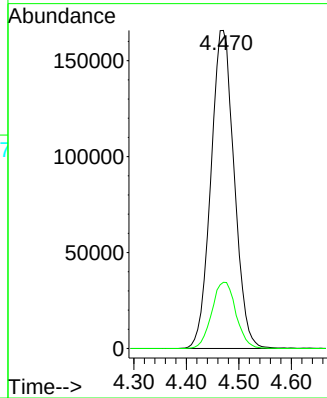
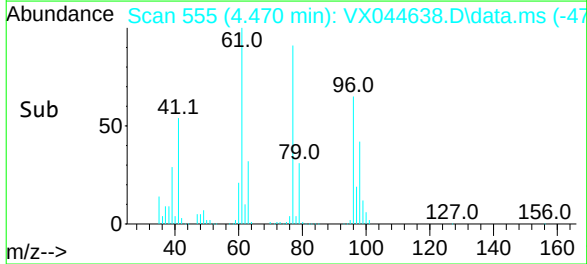
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



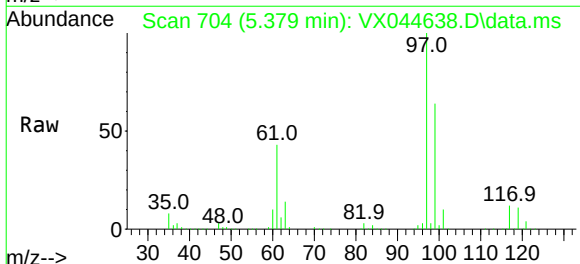
Tgt Ion: 77 Resp: 511772
Ion Ratio Lower Upper
77 100
97 21.5 9.3 13.9#

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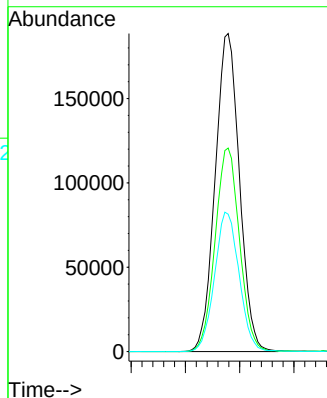
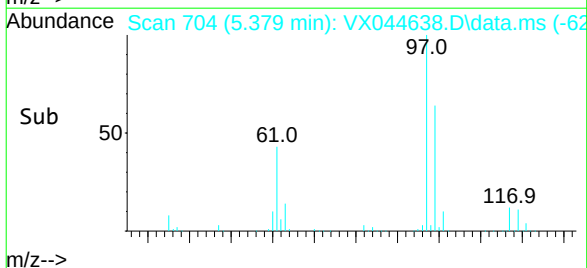
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

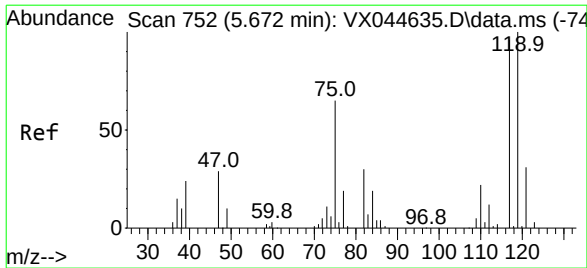


#32
1,1,1-Trichloroethane
Concen: 196.049 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40



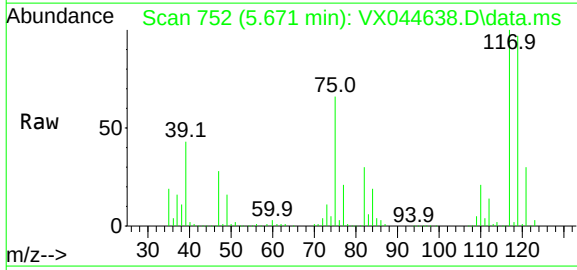
Tgt Ion: 97 Resp: 586884
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.4
61 44.2 37.4 56.0





#33
Carbon Tetrachloride
Concen: 203.855 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

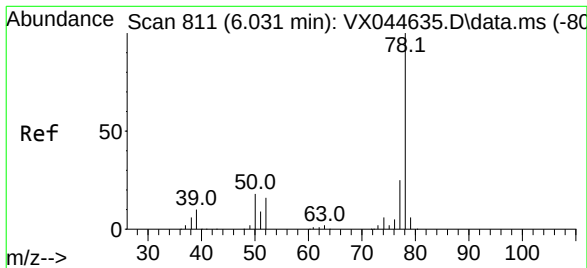
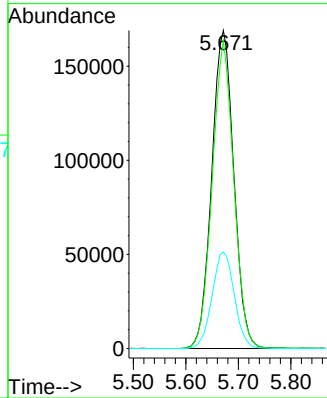
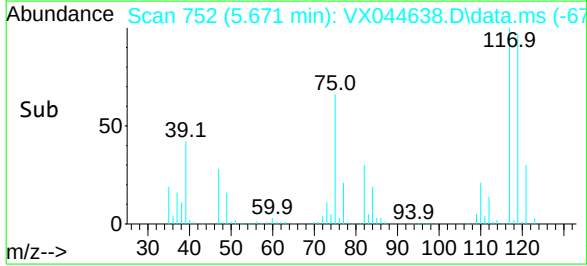
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 494157
Ion Ratio Lower Upper
117 100
119 96.7 83.0 124.6
121 30.4 25.6 38.4

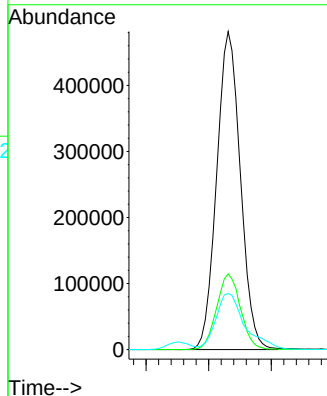
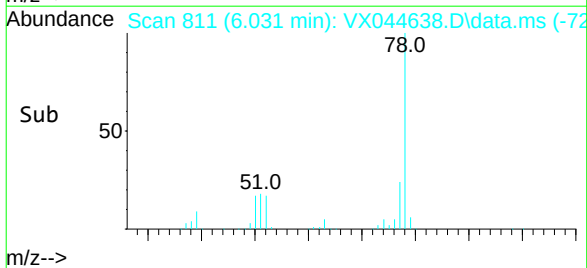
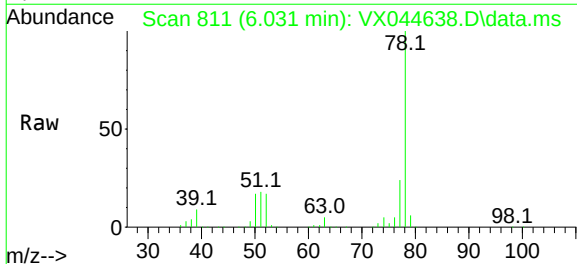
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APPROVED

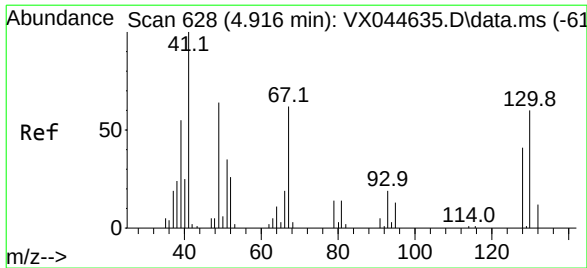
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 160.661 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

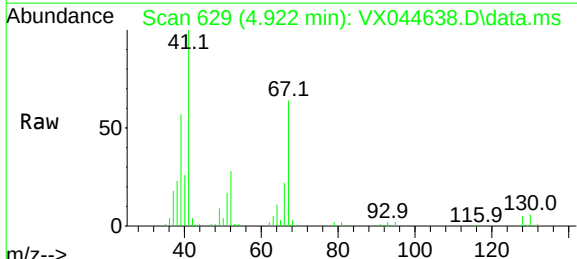
Tgt Ion: 78 Resp: 1266727
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.6
51 16.8 14.5 21.7





#35
Methacrylonitrile
Concen: 144.547 ug/l
RT: 4.922 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

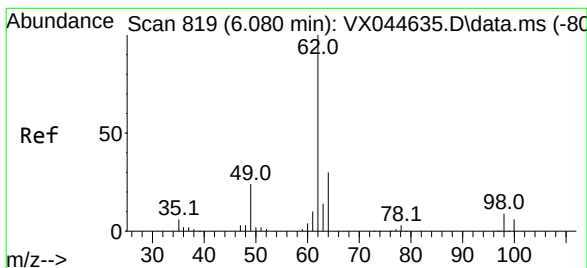
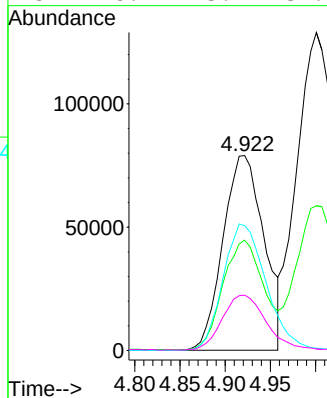
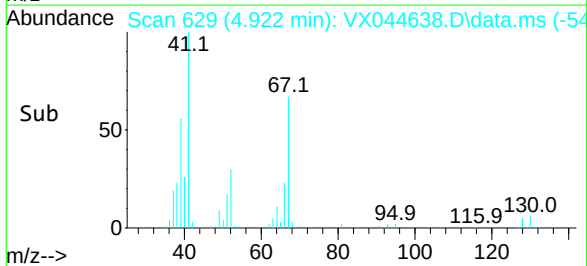
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 249151
Ion Ratio Lower Upper
41 100
39 56.3 27.7 83.0
67 64.1 31.1 93.3
52 28.2 13.1 39.1

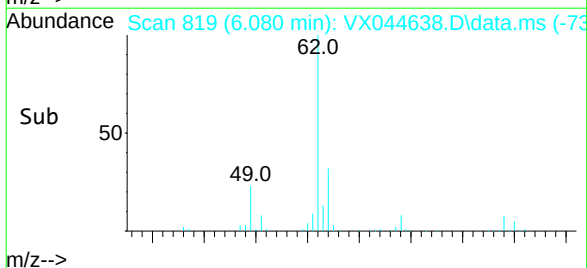
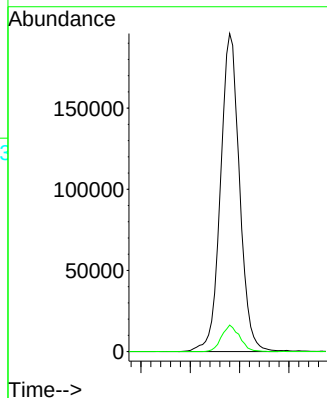
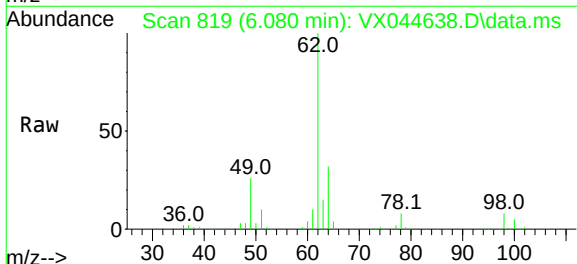
Manual Integrations
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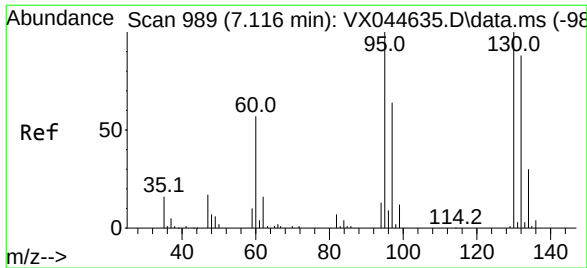
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 199.590 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

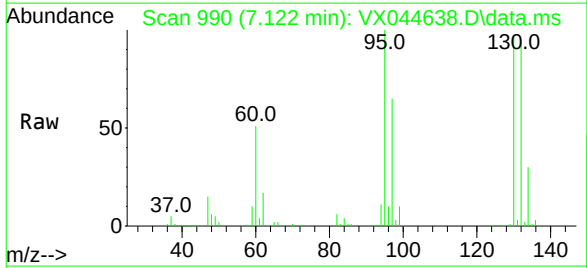
Tgt Ion: 62 Resp: 525312
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#37
Trichloroethene
Concen: 174.870 ug/l
RT: 7.122 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

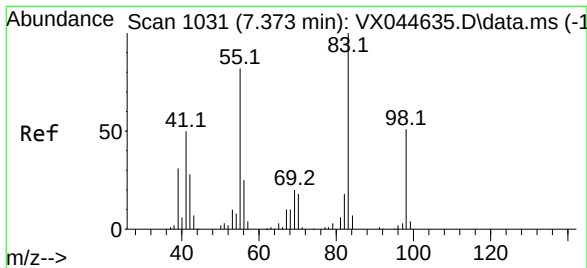
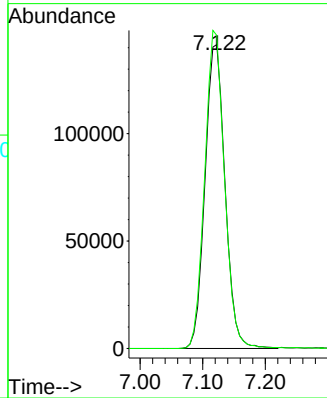
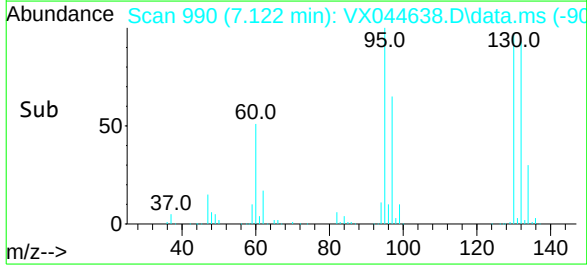
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



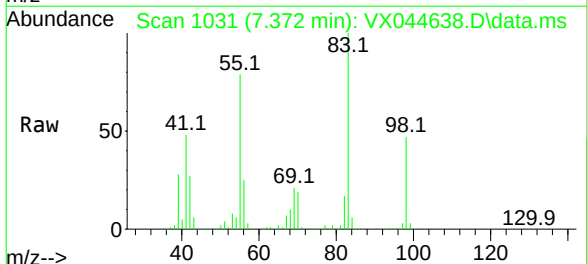
Tgt Ion:130 Resp: 315442
Ion Ratio Lower Upper
130 100
95 103.0 80.2 120.4

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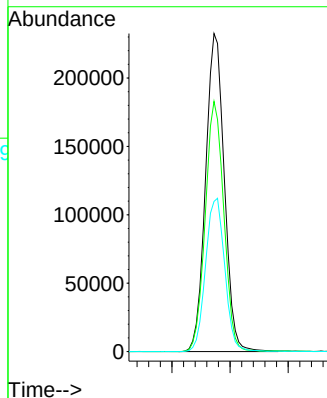
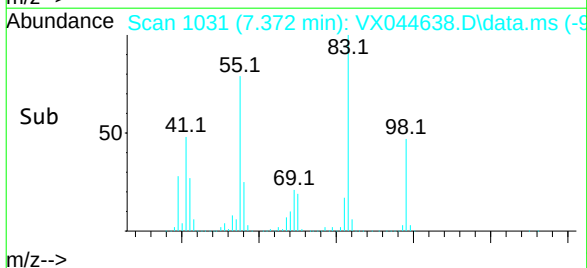
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

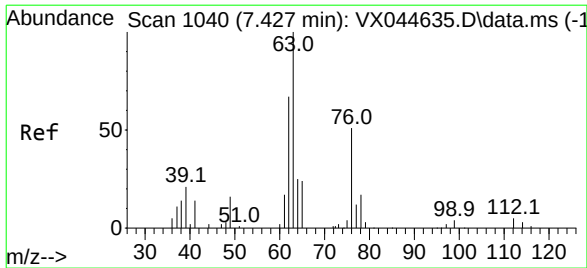


#38
Methylcyclohexane
Concen: 162.019 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40



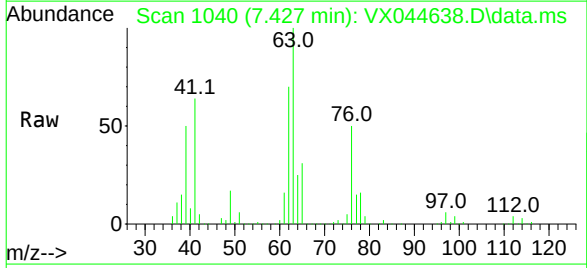
Tgt Ion: 83 Resp: 520962
Ion Ratio Lower Upper
83 100
55 77.8 40.0 120.0
98 49.3 24.4 73.2





#39
1,2-Dichloropropane
Concen: 161.640 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

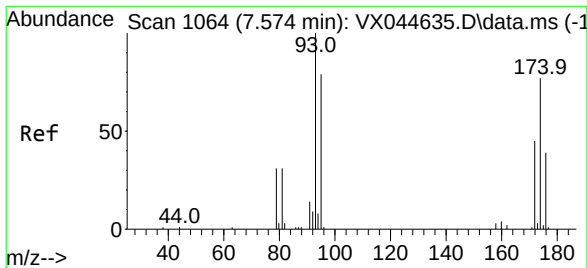
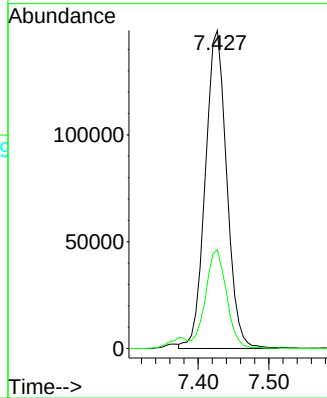
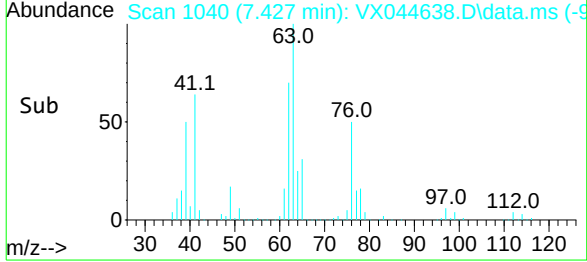
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 313809
Ion Ratio Lower Upper
63 100
65 31.0 21.4 32.0

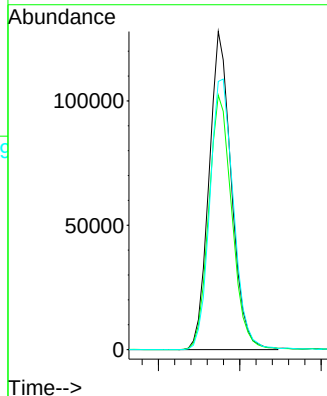
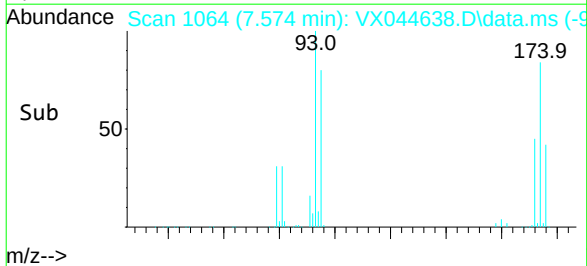
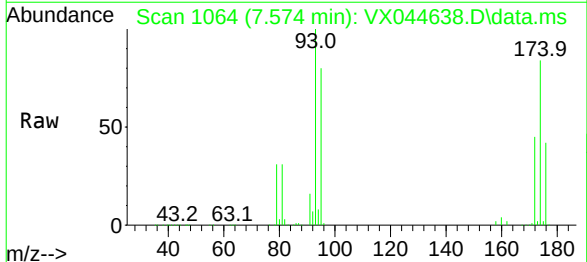
Manual Integrations
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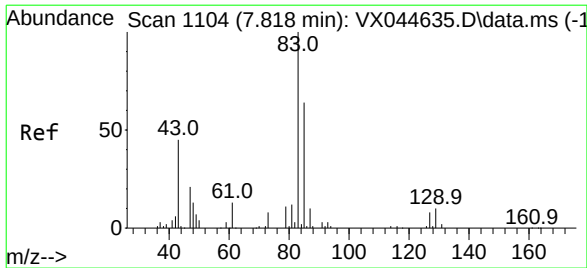
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 178.961 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

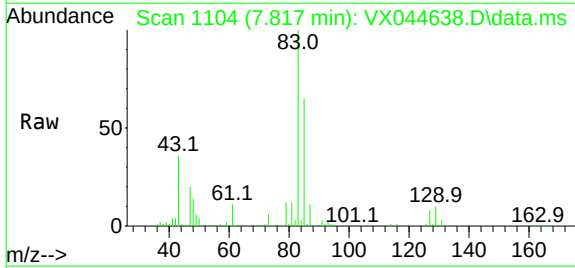
Tgt Ion: 93 Resp: 244035
Ion Ratio Lower Upper
93 100
95 83.0 0.0 165.2
174 89.8 0.0 176.2





#41
Bromodichloromethane
Concen: 183.286 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

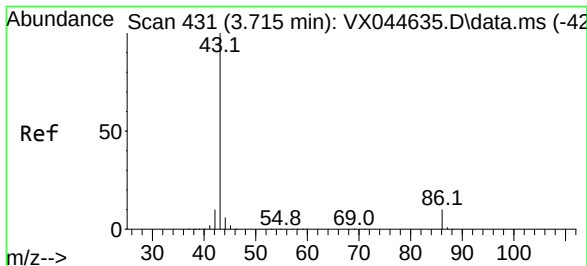
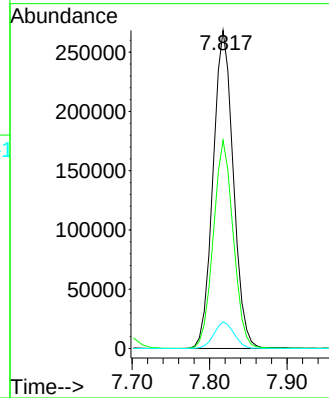
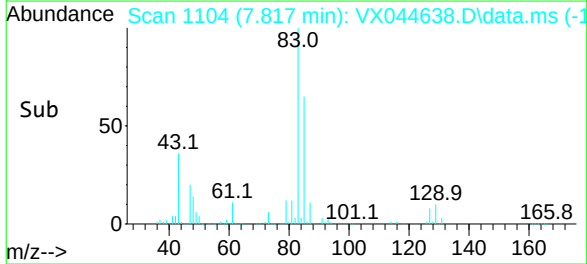
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 487037
Ion Ratio Lower Upper
83 100
85 65.4 50.8 76.2
127 8.4 6.6 9.8

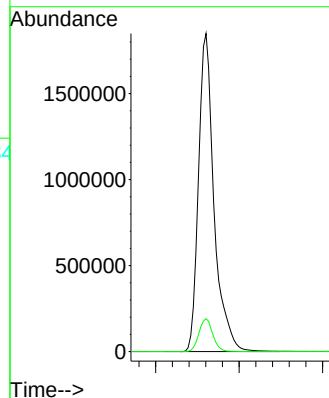
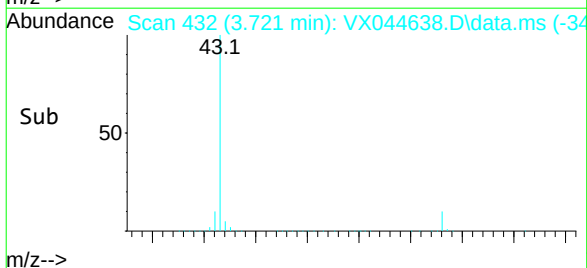
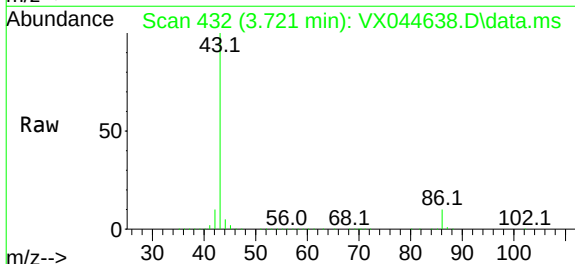
Manual Integrations
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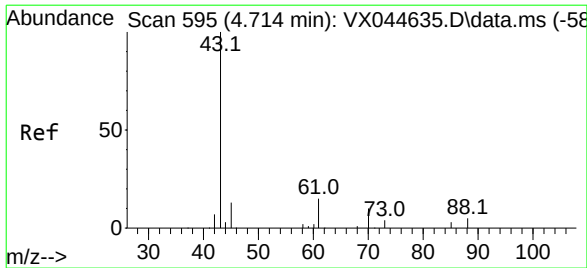
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 667.330 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 43 Resp: 4779385
Ion Ratio Lower Upper
43 100
86 9.2 7.1 10.7





#43

Ethyl Acetate

Concen: 141.420 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 442300

Ion Ratio Lower Upper

43 100

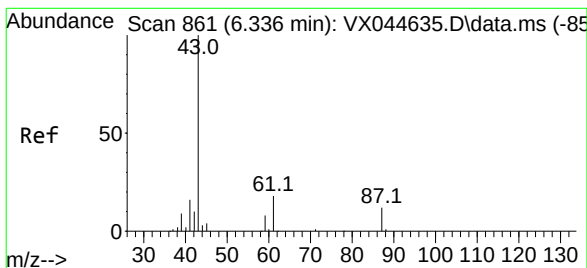
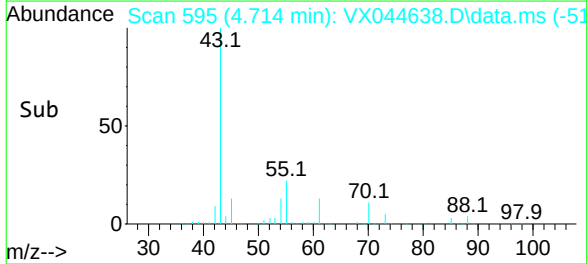
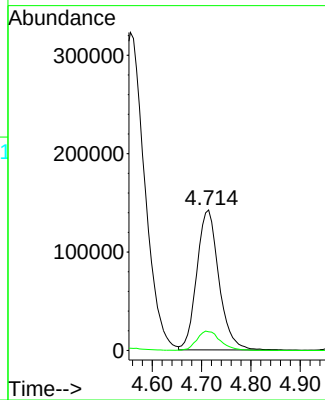
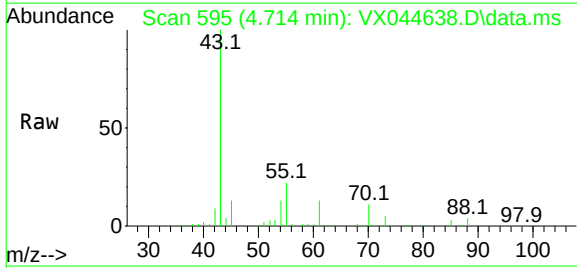
45 14.4 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 149.163 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044638.D

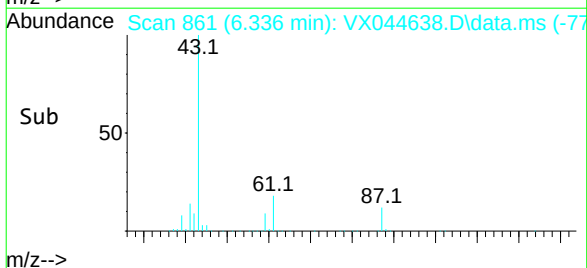
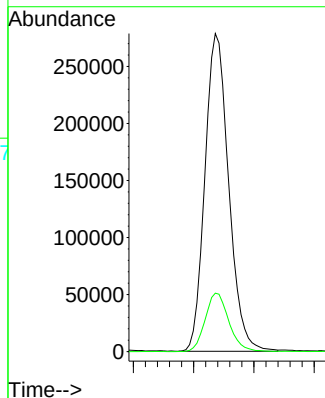
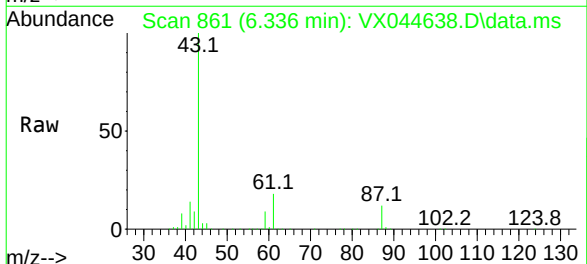
Acq: 09 Jan 2025 01:40

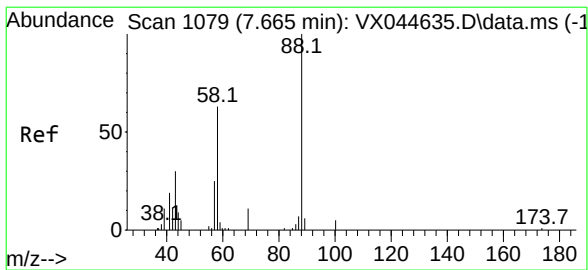
Tgt Ion: 43 Resp: 762320

Ion Ratio Lower Upper

43 100

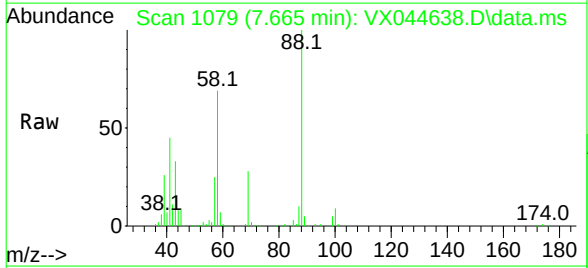
61 18.3 14.2 21.2





#45
1,4-Dioxane
Concen: 2110.748 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

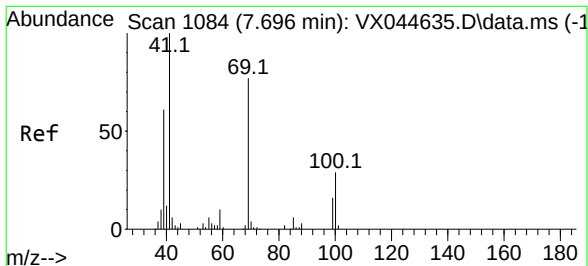
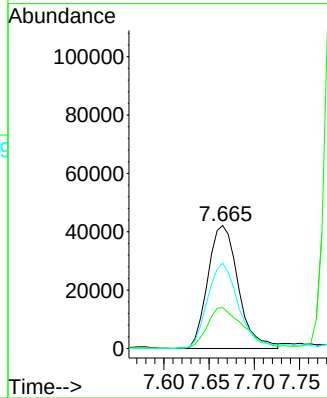
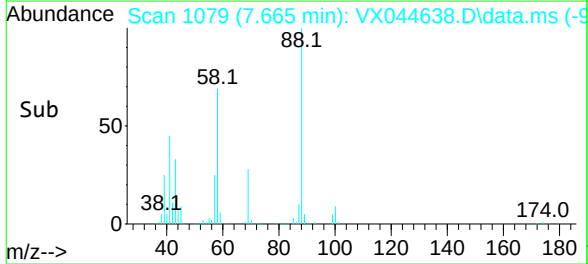
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



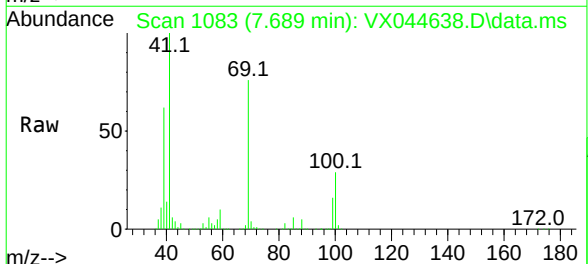
Tgt Ion: 88 Resp: 98688
Ion Ratio Lower Upper
88 100
43 38.3 31.0 46.4
58 70.4 56.6 84.8

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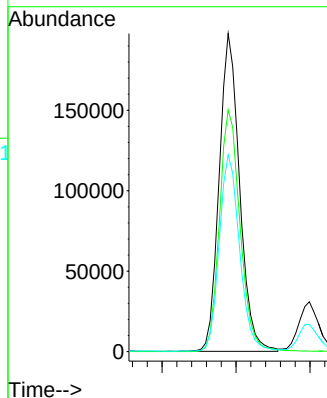
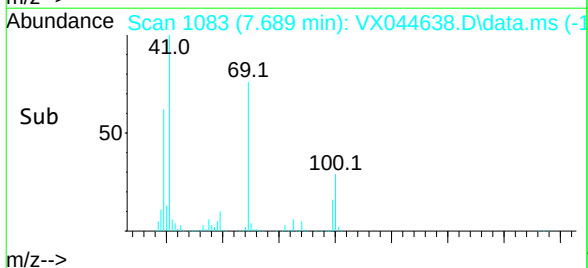
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

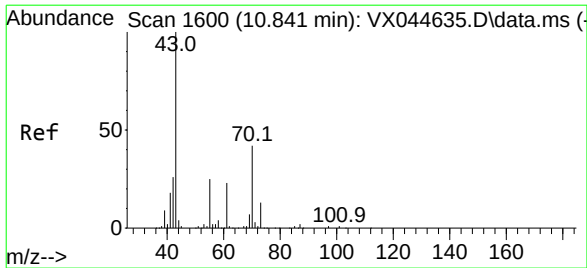


#46
Methyl methacrylate
Concen: 153.997 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40



Tgt Ion: 41 Resp: 377968
Ion Ratio Lower Upper
41 100
69 76.1 38.6 115.8
39 61.8 30.7 92.1





#47

n-amy1 Acetate

Concen: 153.311 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 679198

Ion Ratio Lower Upper

43 100

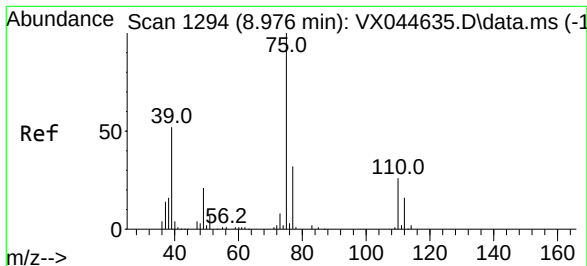
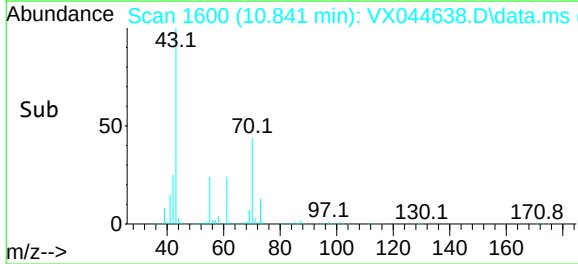
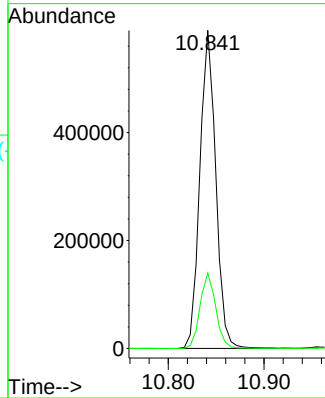
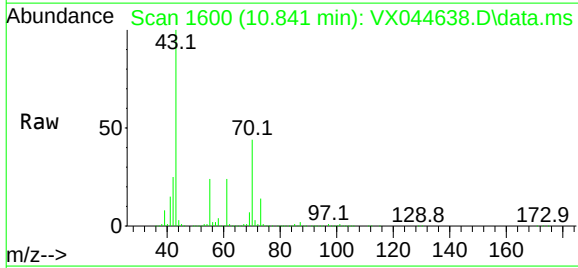
55 23.4 19.7 29.5

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 182.924 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044638.D

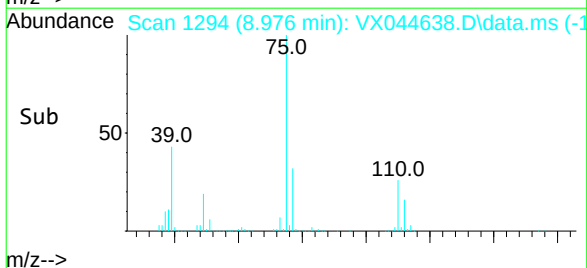
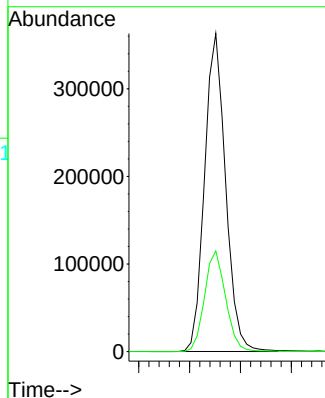
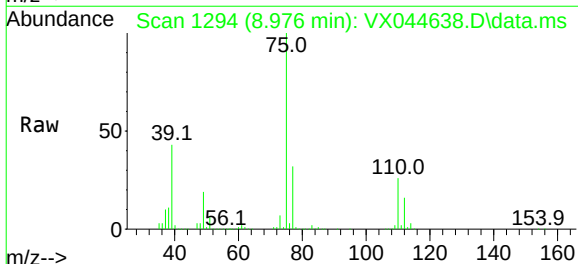
Acq: 09 Jan 2025 01:40

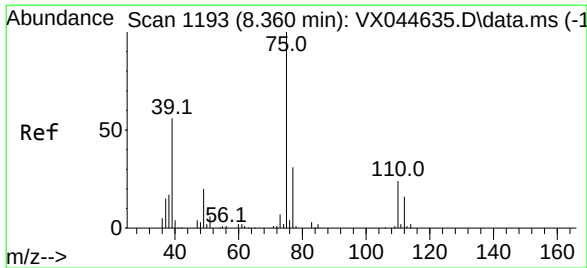
Tgt Ion: 75 Resp: 520860

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 179.994 ug/l

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

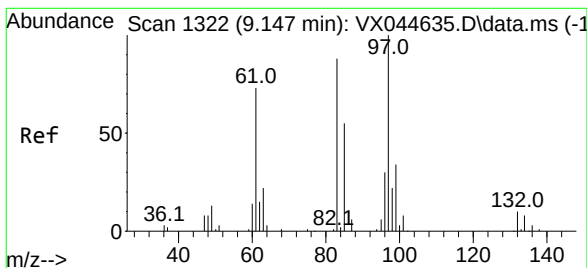
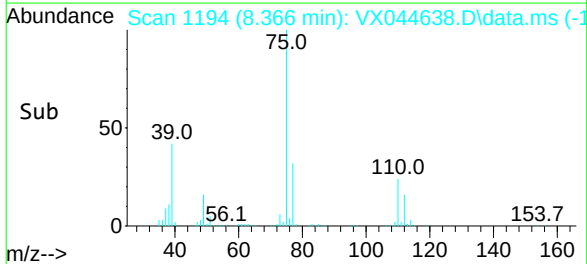
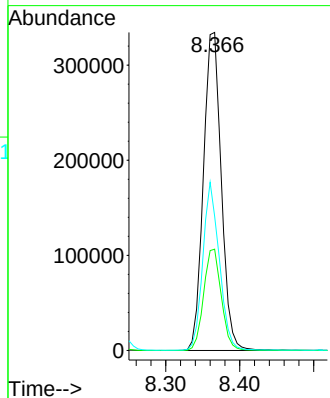
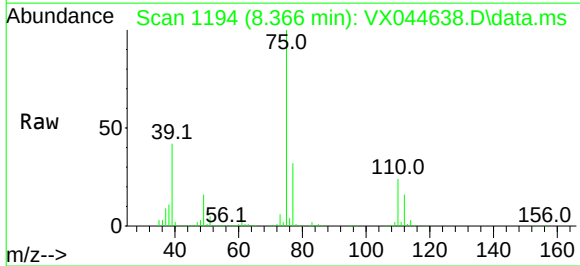
Tgt Ion:	75	Resp:	561551
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	42.1	44.8	67.2

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#50

1,1,2-Trichloroethane

Concen: 180.237 ug/l

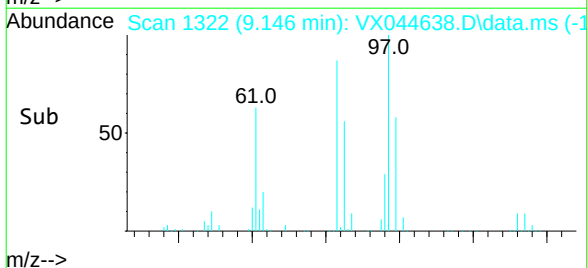
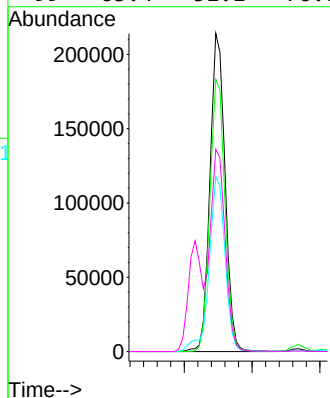
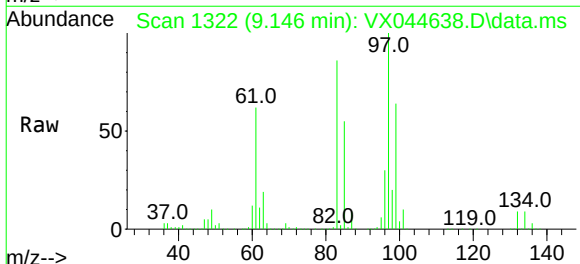
RT: 9.146 min Scan# 1322

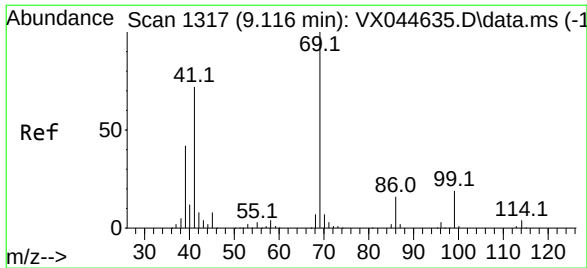
Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Tgt Ion:	97	Resp:	331216
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.5	105.7
85	54.9	45.4	68.2
99	63.4	51.1	76.7





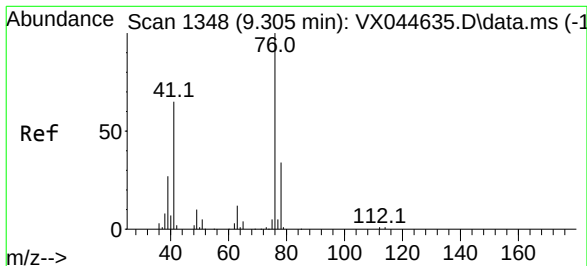
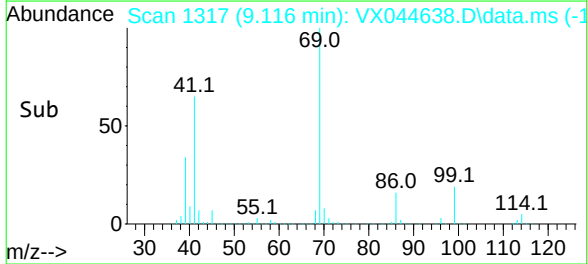
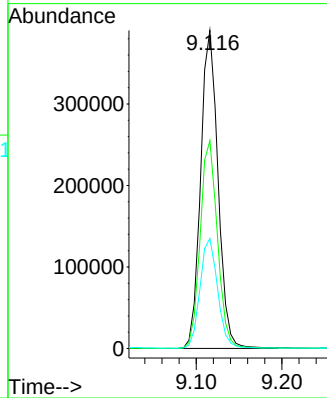
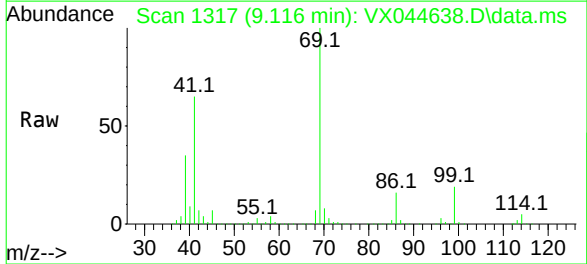
#51
Ethyl methacrylate
Concen: 165.958 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 550112
Ion Ratio Lower Upper
69 100
41 65.3 35.8 107.4
39 34.5 21.0 63.0

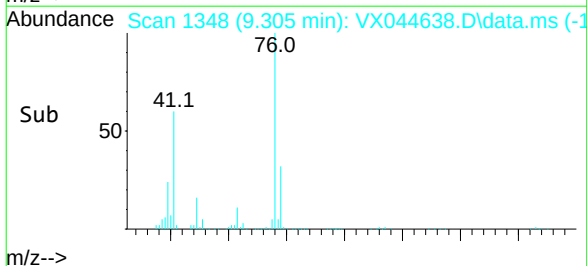
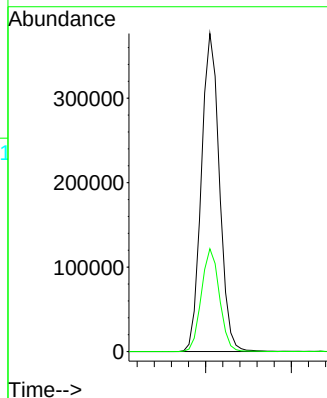
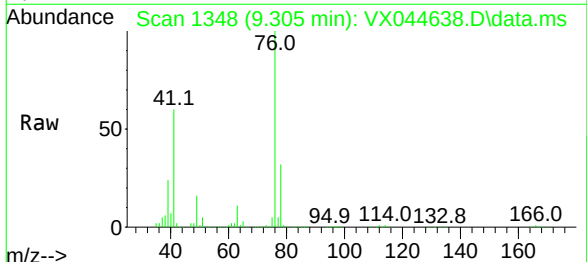
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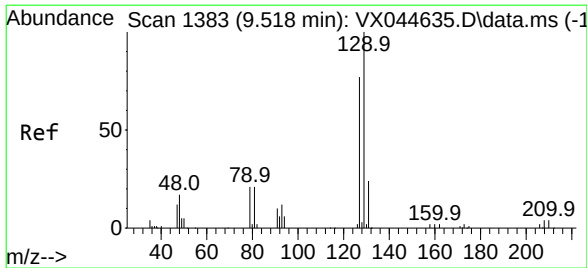
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 171.216 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 76 Resp: 551812
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.0





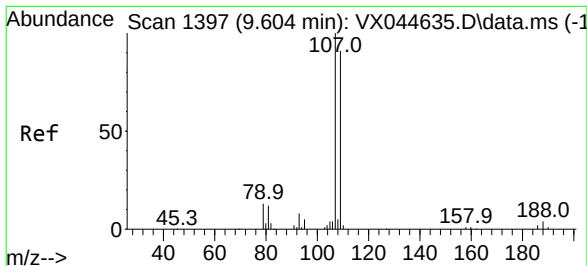
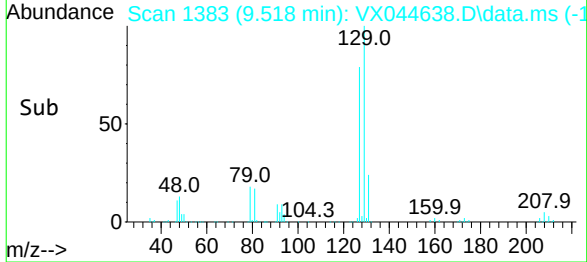
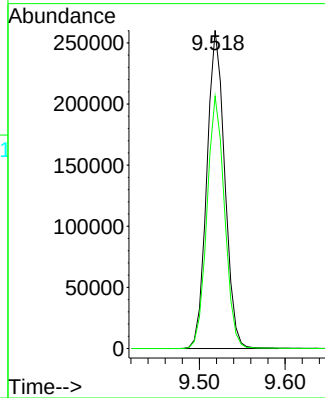
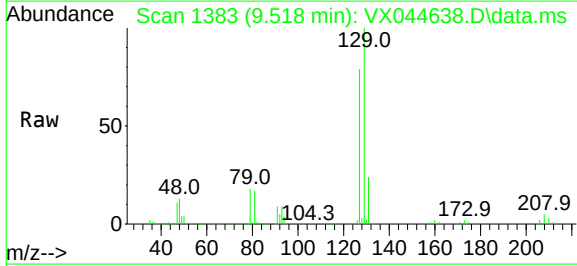
#53
Dibromochloromethane
Concen: 193.279 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 377368
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9

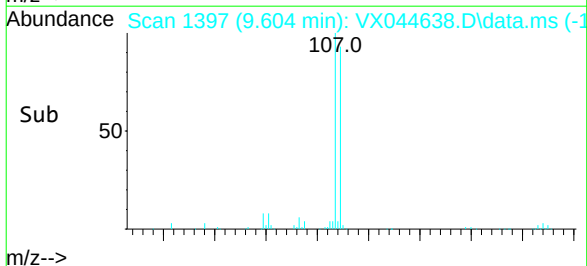
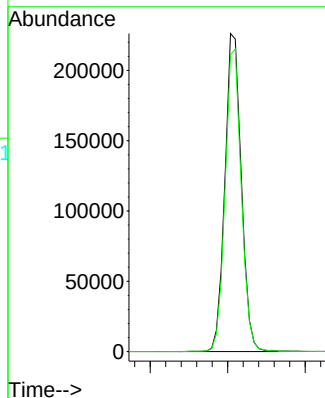
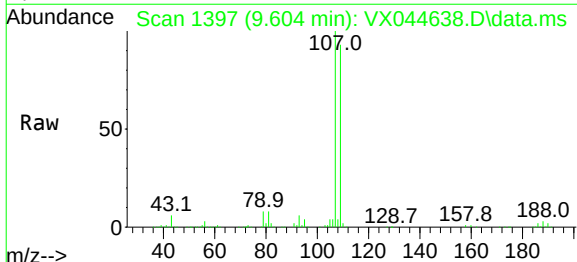
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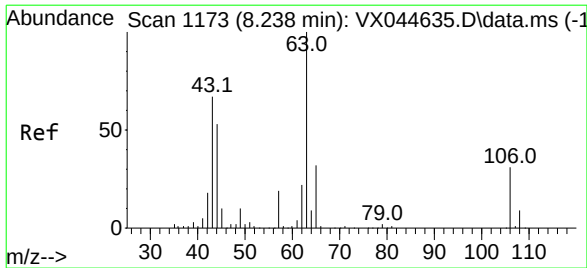
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#54
1,2-Dibromoethane
Concen: 174.956 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:107 Resp: 333412
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9





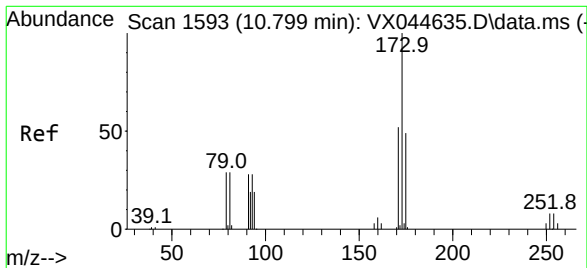
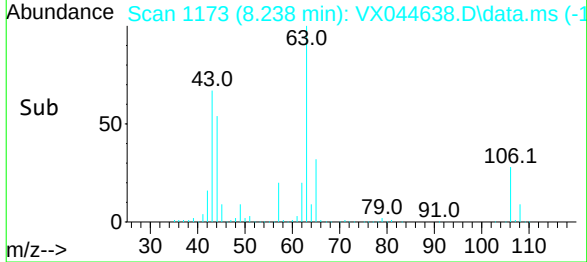
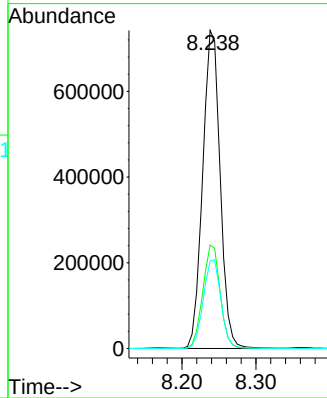
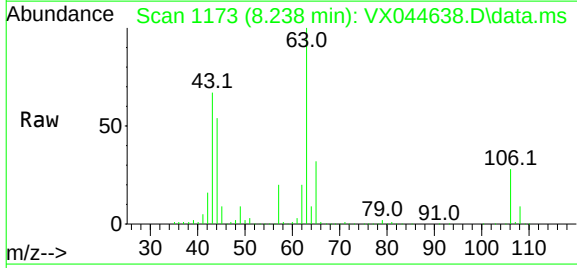
#55
2-Chloroethyl vinyl ether
Concen: 796.189 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 1218095
Ion Ratio Lower Upper
63 100
65 32.3 26.1 39.1
106 28.3 22.6 33.8

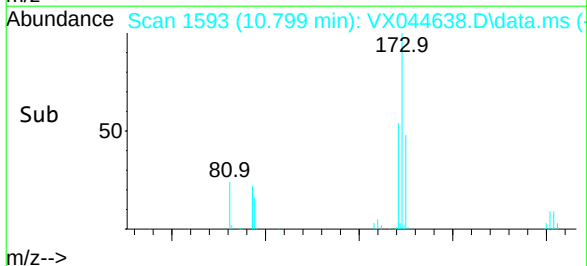
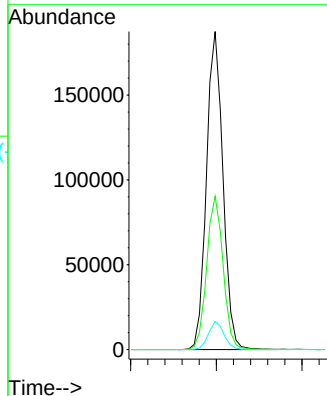
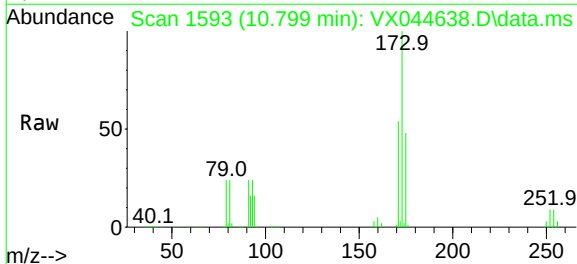
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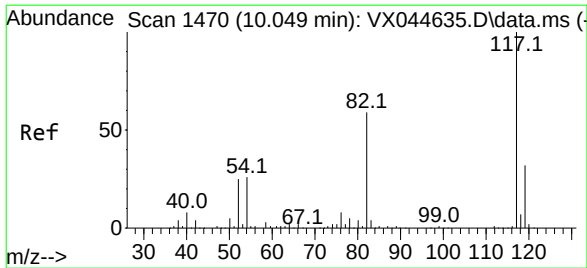
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#56
Bromoform
Concen: 190.169 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

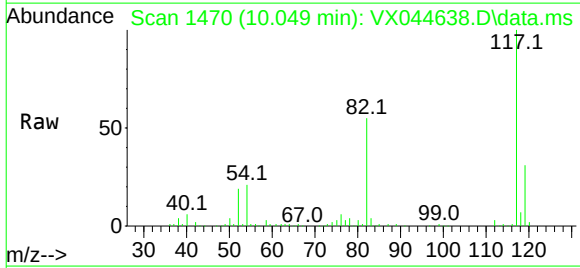
Tgt Ion:173 Resp: 249891
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
254 8.4 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

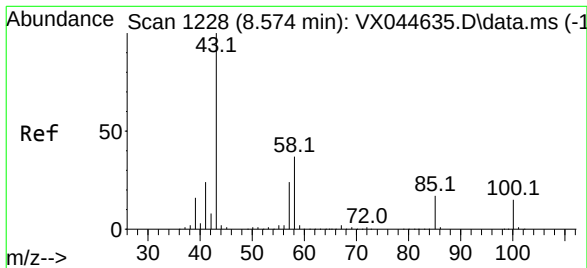
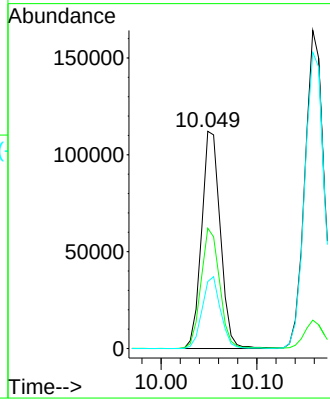
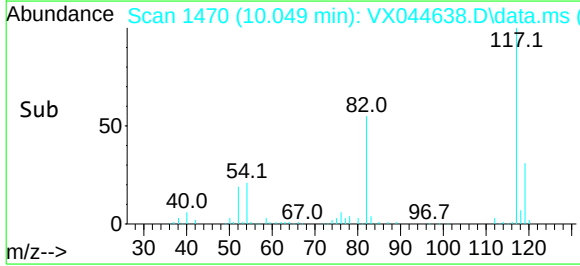
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



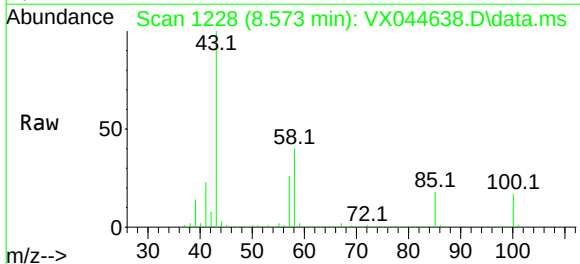
Tgt Ion: 117 Resp: 152545
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.3 25.5 38.3

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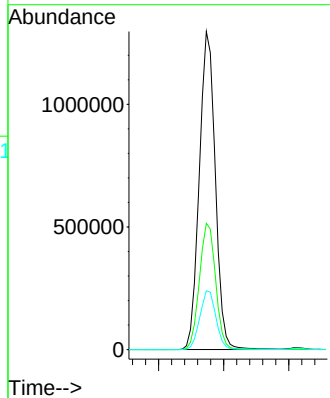
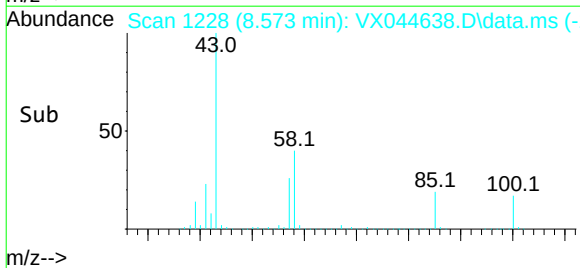
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

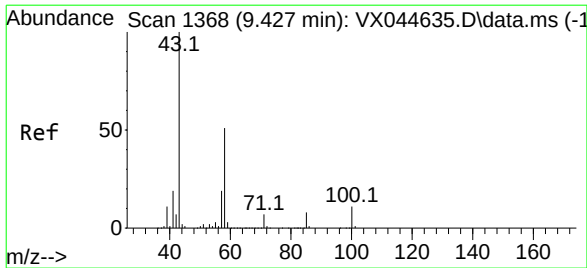


#58
4-Methyl-2-Pentanone
Concen: 642.402 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40



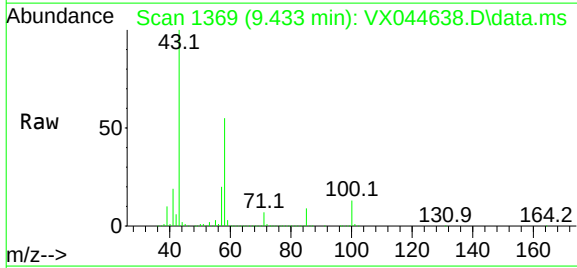
Tgt Ion: 43 Resp: 2216412
Ion Ratio Lower Upper
43 100
58 40.2 29.4 44.0
85 18.6 13.4 20.2





#59
2-Hexanone
Concen: 617.145 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

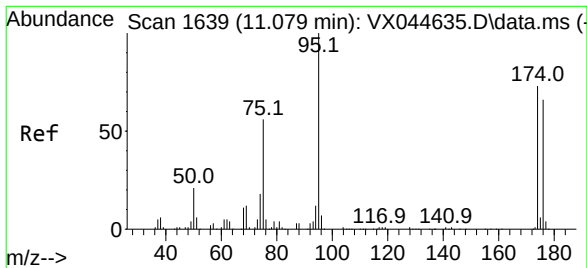
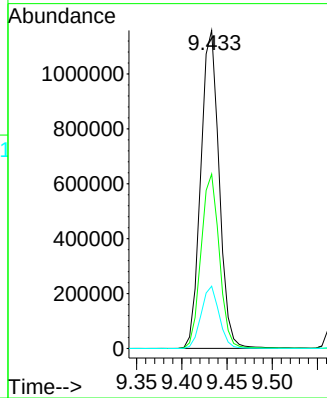
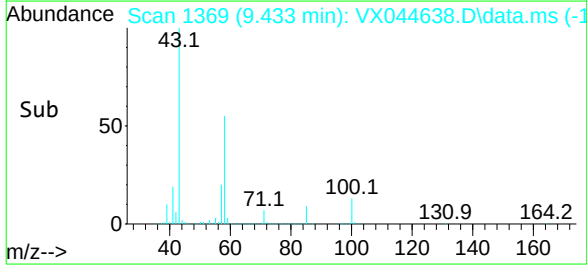
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1634048
Ion Ratio Lower Upper
43 100
58 54.7 40.8 61.2
57 19.3 15.2 22.8

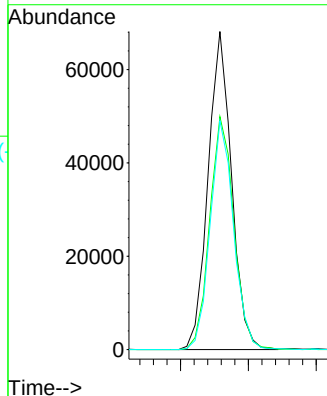
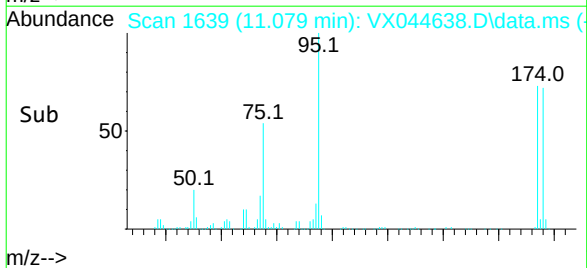
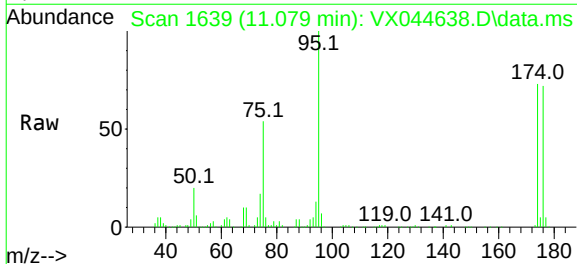
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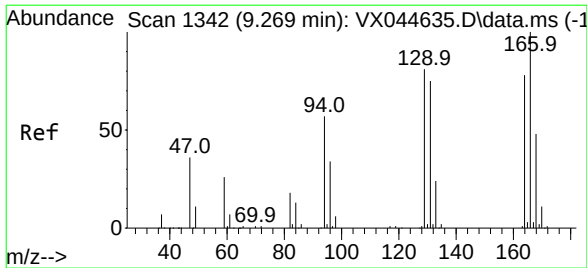
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 30.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 95 Resp: 81961
Ion Ratio Lower Upper
95 100
174 75.5 58.6 88.0
176 71.6 55.2 82.8





#61

Tetrachloroethene

Concen: 162.047 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044638.D

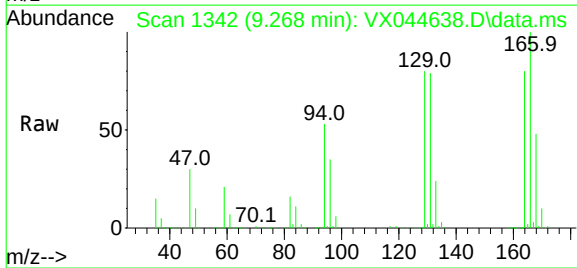
Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion:164 Resp: 275254

Ion Ratio Lower Upper

164 100

166 125.1 102.7 154.1

129 100.1 83.6 125.4

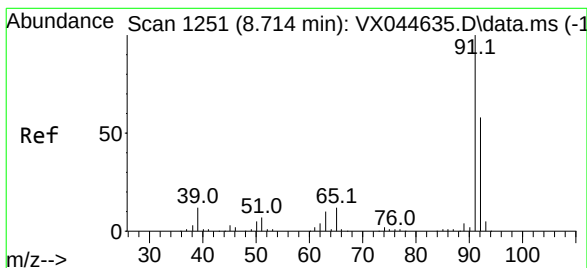
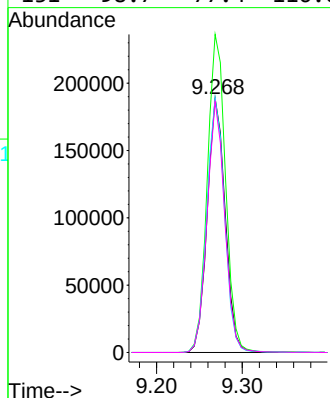
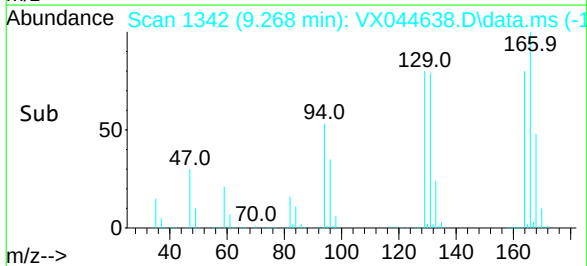
131 98.7 77.4 116.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#62

Toluene

Concen: 164.407 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044638.D

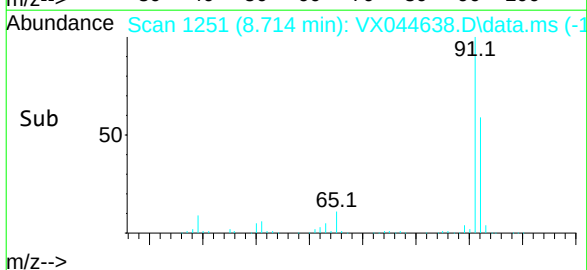
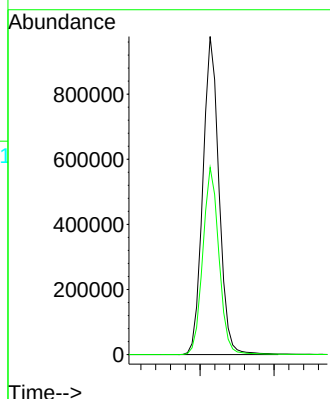
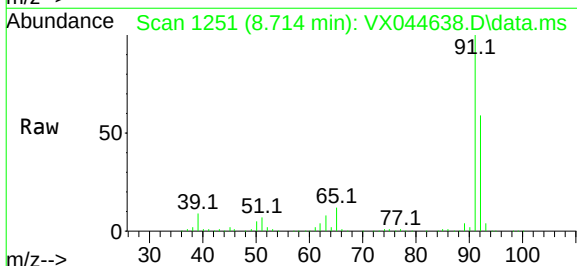
Acq: 09 Jan 2025 01:40

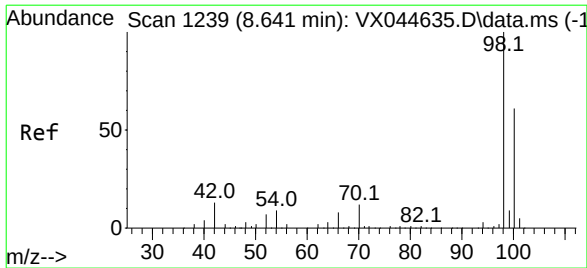
Tgt Ion: 91 Resp: 1479226

Ion Ratio Lower Upper

91 100

92 58.9 46.4 69.6





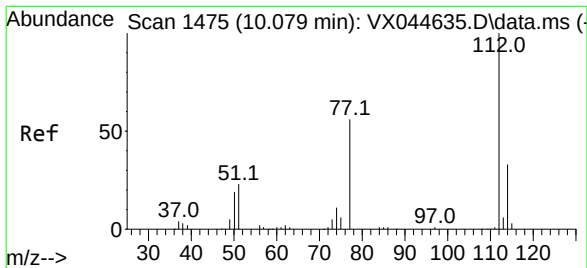
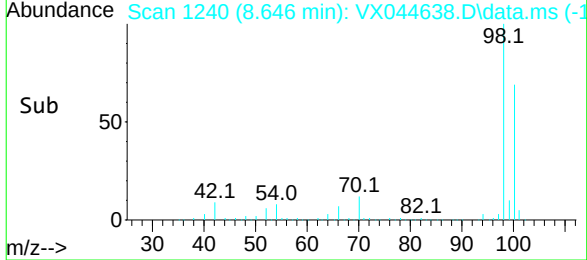
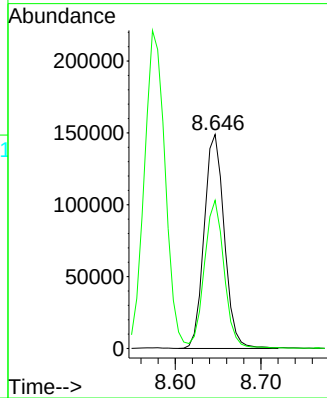
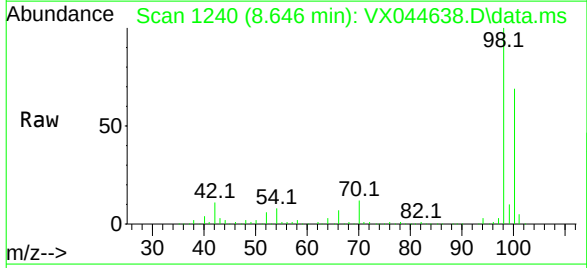
#63
Toluene-d8
Concen: 33.274 ug/l
RT: 8.646 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 243258
Ion Ratio Lower Upper
98 100
100 67.0 51.6 77.4

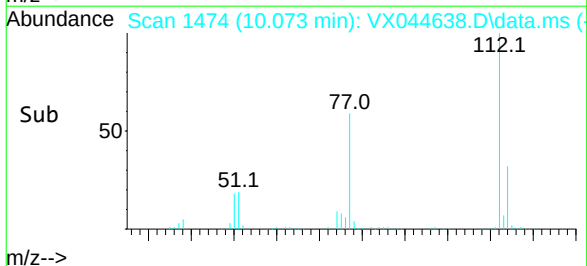
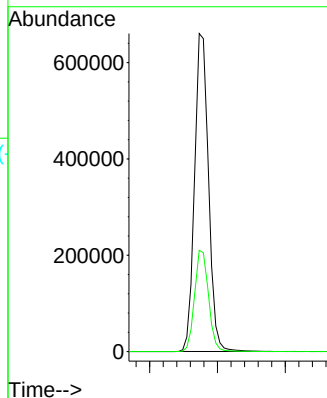
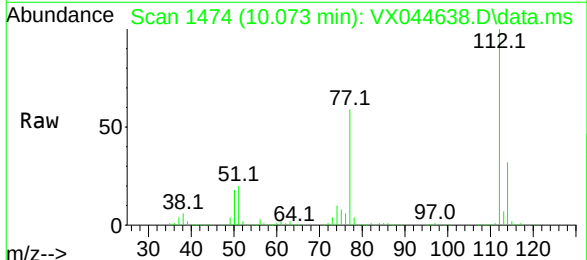
Manual Integrations
APPROVED

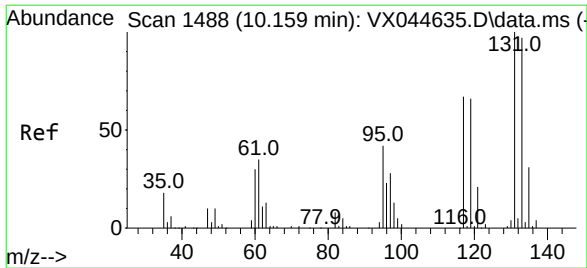
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#64
Chlorobenzene
Concen: 171.601 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

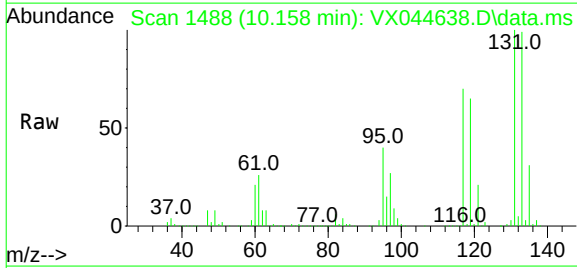
Tgt Ion:112 Resp: 945182
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 177.030 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

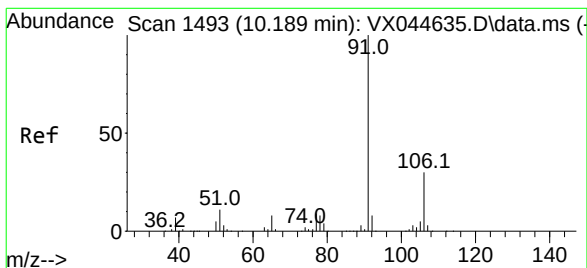
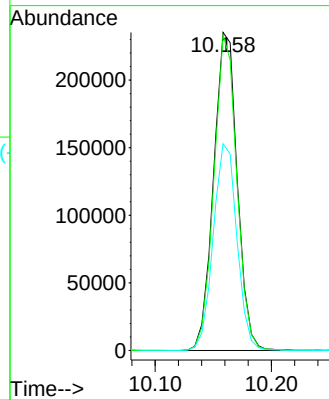
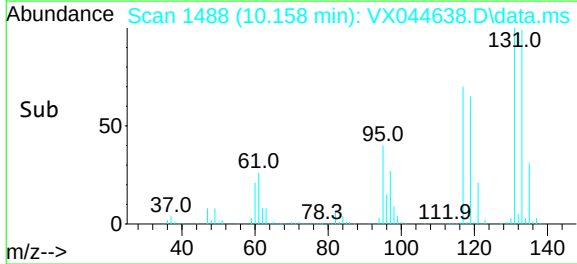
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:131 Resp: 331863
Ion Ratio Lower Upper
131 100
133 96.0 0.0 194.0
119 65.2 0.0 132.0

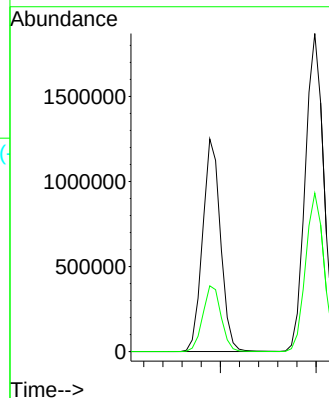
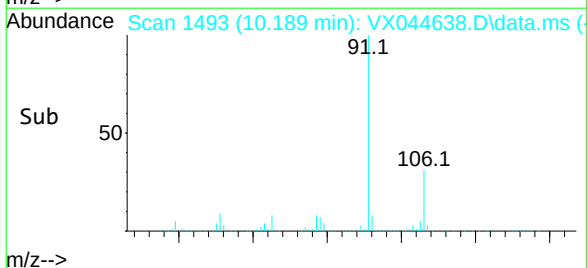
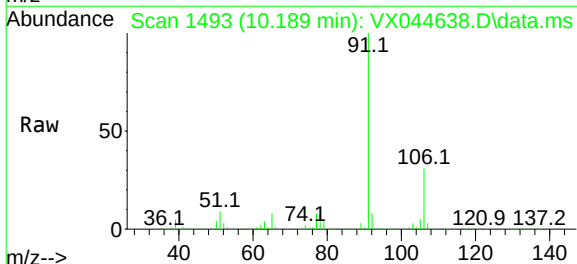
Manual Integrations
APPROVED

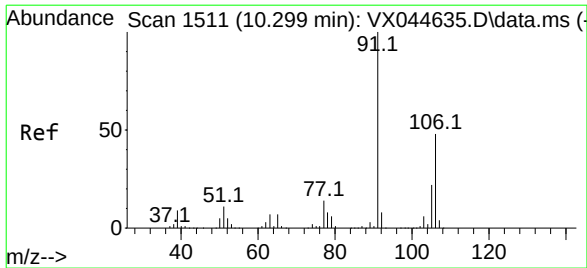
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
Ethyl Benzene
Concen: 166.821 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 91 Resp: 1624401
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1





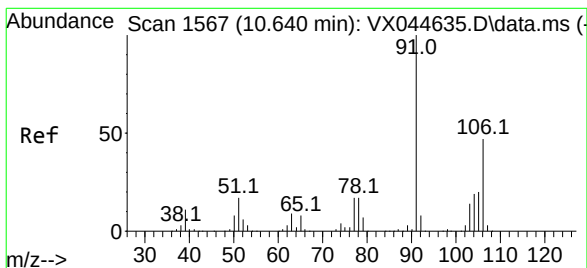
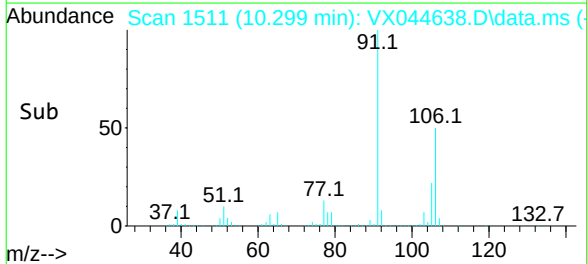
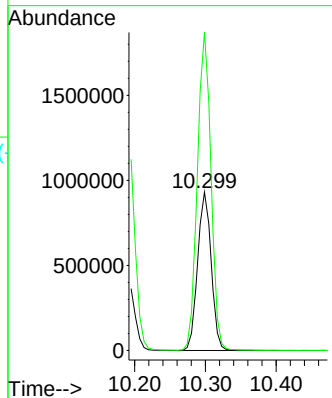
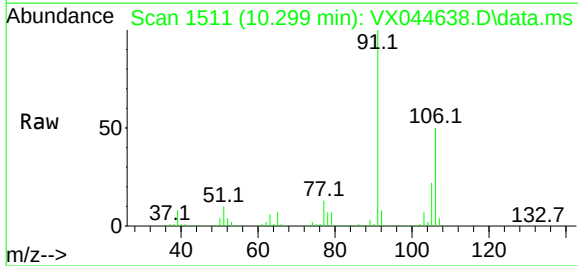
#67
m/p-Xylenes
Concen: 340.834 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1242714
Ion Ratio Lower Upper
106 100
91 201.3 167.9 251.9

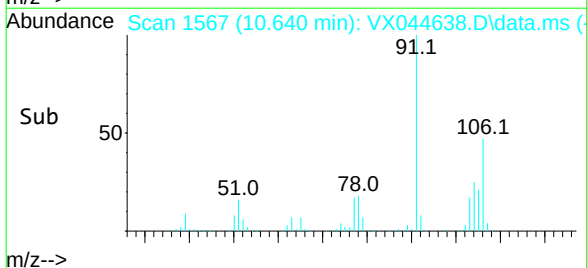
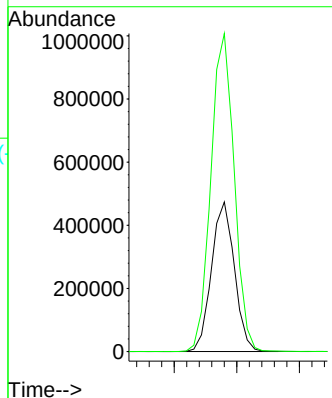
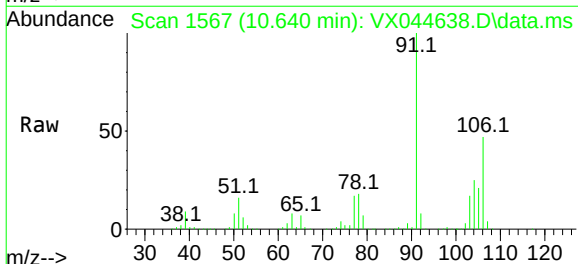
Manual Integrations
APPROVED

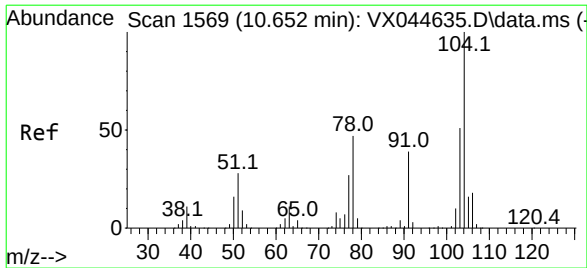
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 164.363 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:106 Resp: 602724
Ion Ratio Lower Upper
106 100
91 215.9 112.3 336.9





#69

Styrene

Concen: 168.597 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 1025873

Ion Ratio Lower Upper

104 100

78 51.0 43.7 65.5

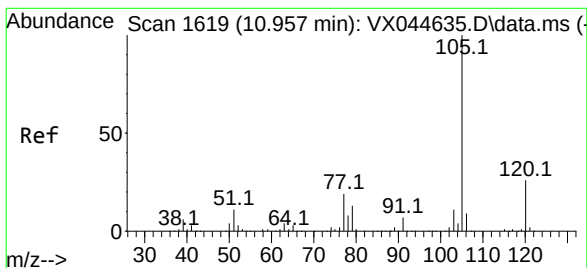
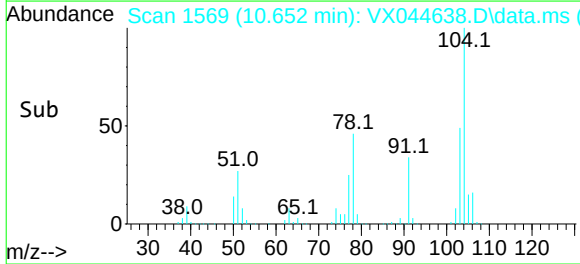
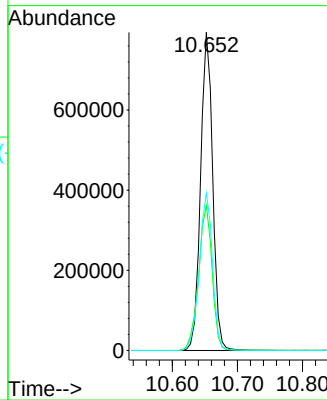
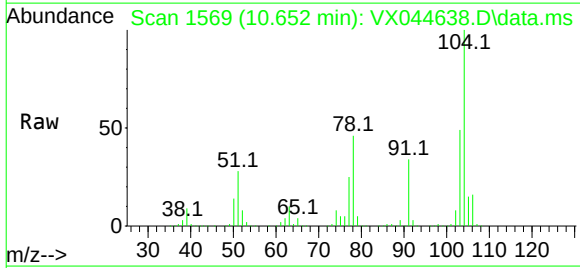
103 54.0 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Isopropylbenzene

Concen: 168.737 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044638.D

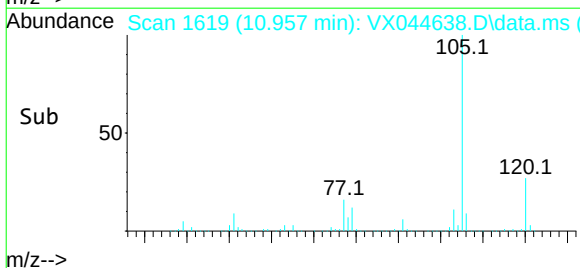
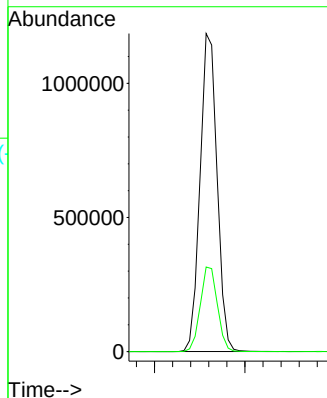
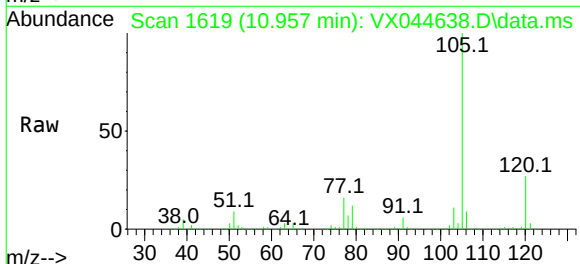
Acq: 09 Jan 2025 01:40

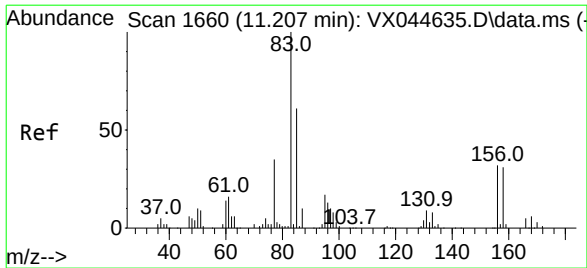
Tgt Ion:105 Resp: 1548315

Ion Ratio Lower Upper

105 100

120 26.8 17.5 32.5





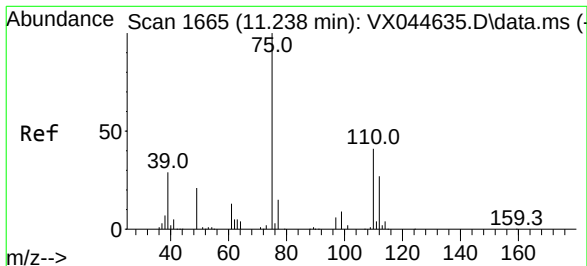
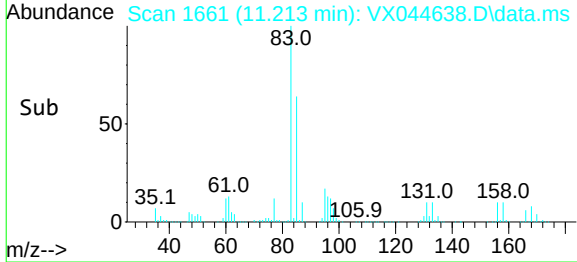
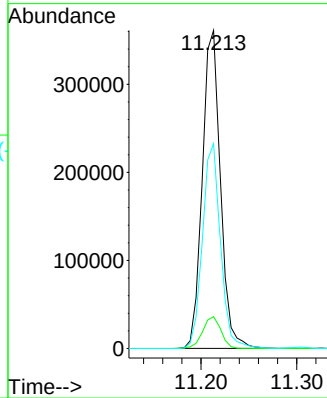
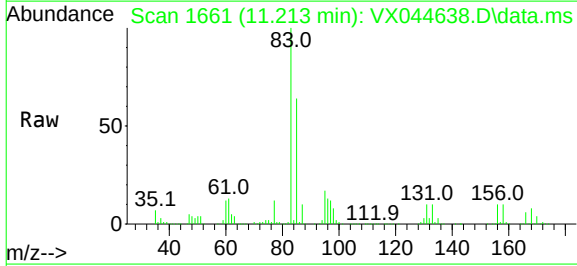
#71
1,1,2,2-Tetrachloroethane
Concen: 143.737 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	83	Resp:	474634
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.8
85	64.1	32.0	96.0

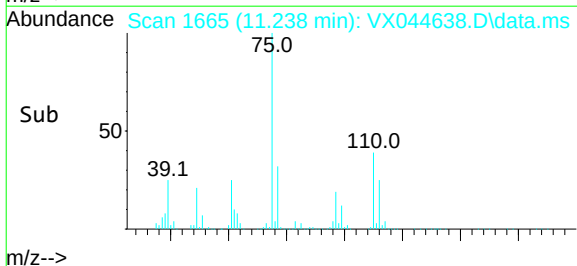
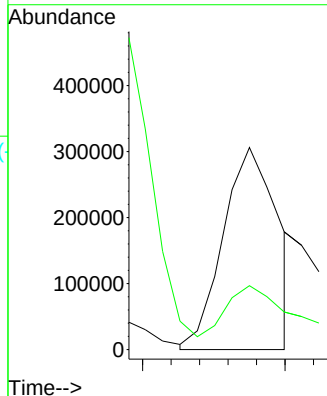
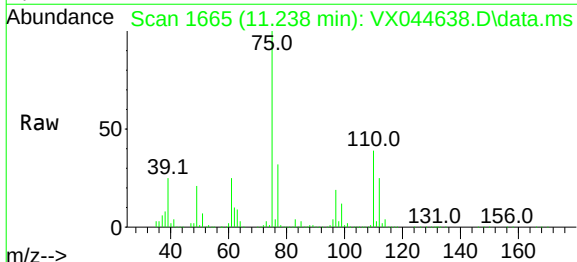
Manual Integrations
APPROVED

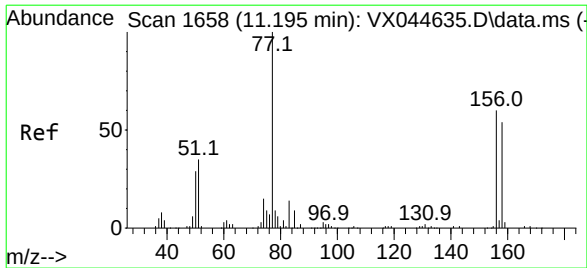
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 140.824 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:	75	Resp:	407032
Ion	Ratio	Lower	Upper
75	100		
77	42.0	0.0	78.0





#73

Bromobenzene

Concen: 167.621 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

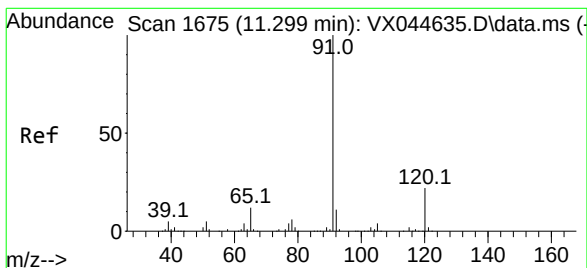
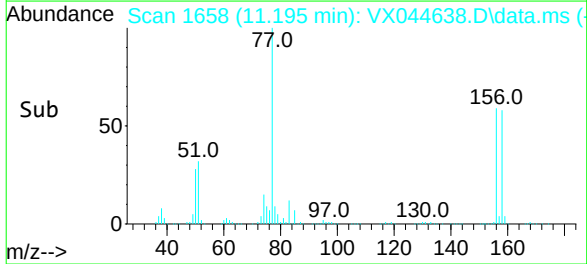
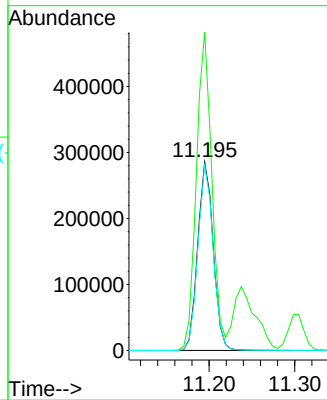
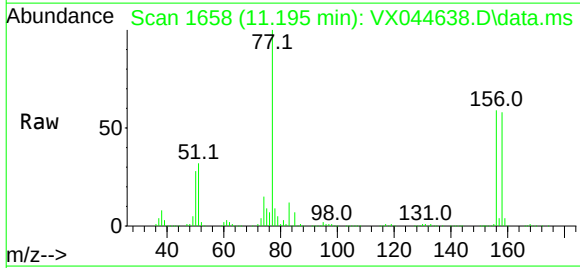
Tgt Ion:	156	Resp:	359380
Ion	Ratio	Lower	Upper
156	100		
77	168.2	0.0	332.6
158	97.3	0.0	187.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

n-propylbenzene

Concen: 161.399 ug/l

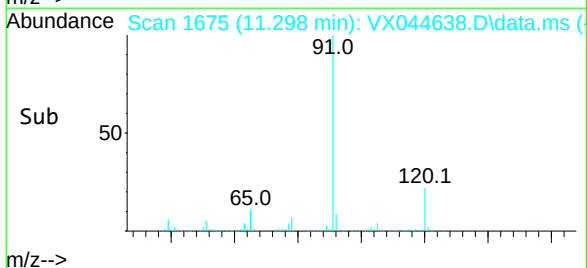
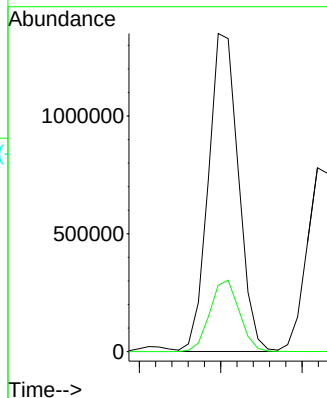
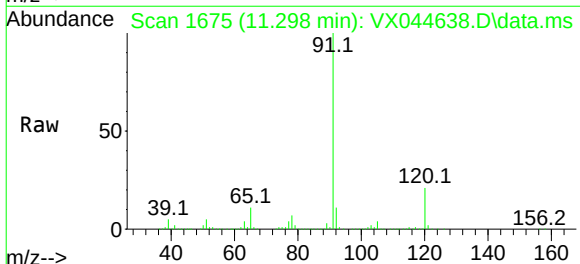
RT: 11.298 min Scan# 1675

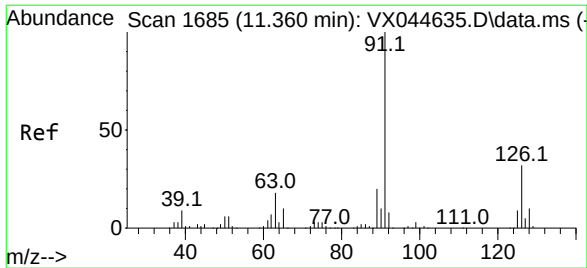
Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Tgt Ion:	91	Resp:	1734158
Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	45.0





#75

2-Chlorotoluene

Concen: 150.913 ug/l

RT: 11.359 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1011052

Ion Ratio Lower Upper

91 100

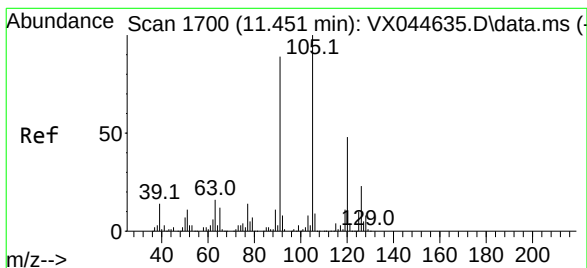
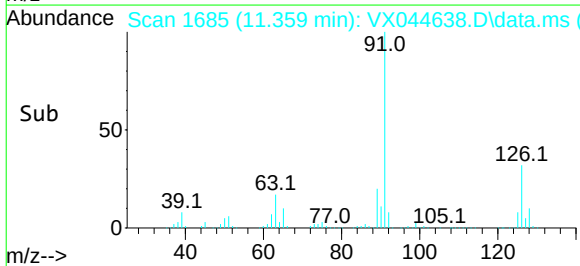
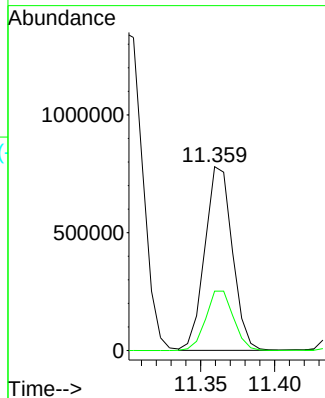
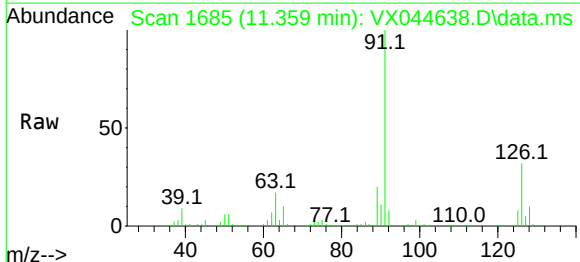
126 32.6 0.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#76

1,3,5-Trimethylbenzene

Concen: 157.283 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044638.D

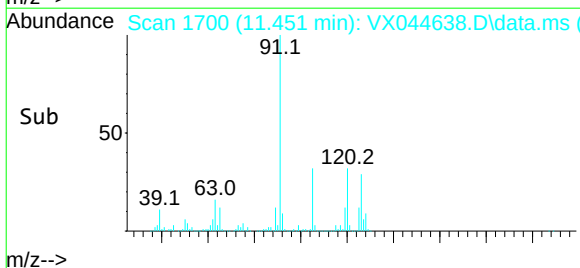
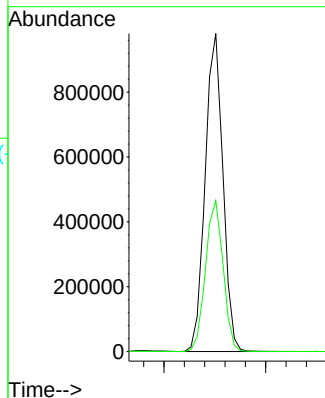
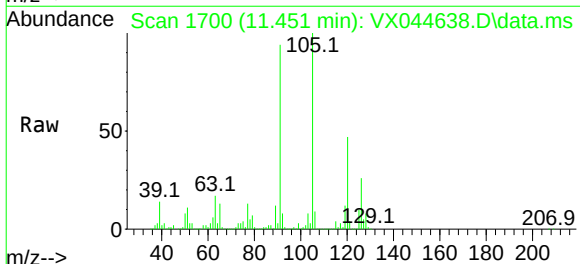
Acq: 09 Jan 2025 01:40

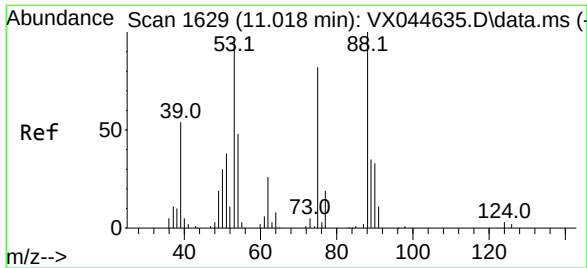
Tgt Ion:105 Resp: 1186860

Ion Ratio Lower Upper

105 100

120 47.2 0.0 94.0





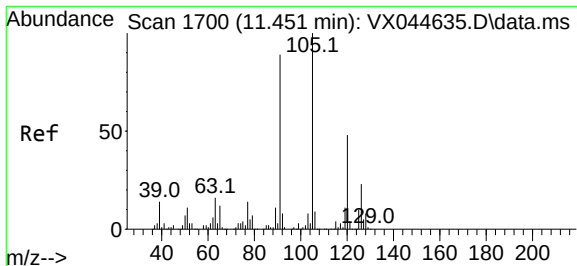
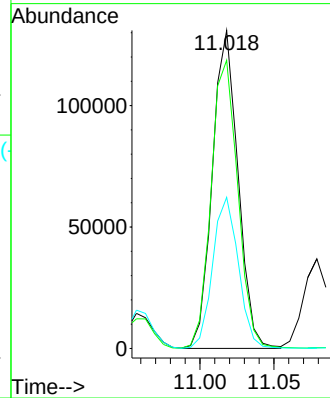
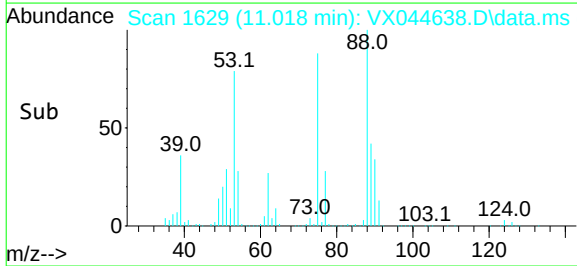
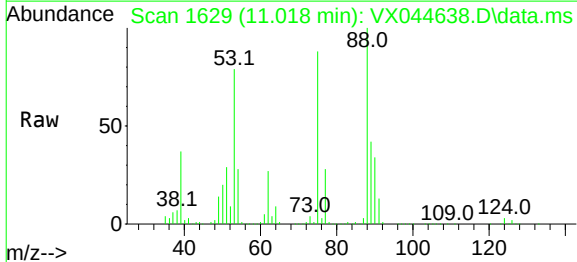
#77
t-1,4-Dichloro-2-butene
Concen: 128.379 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 157885
Ion Ratio Lower Upper
75 100
53 90.6 57.4 172.2
89 47.5 21.3 64.0

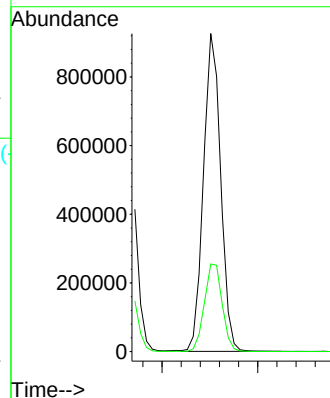
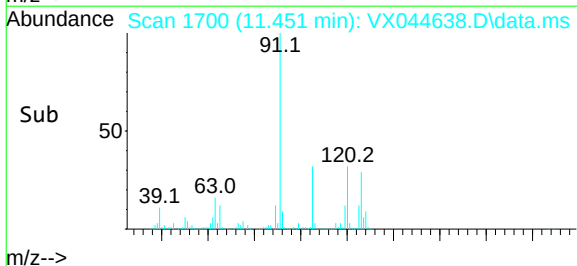
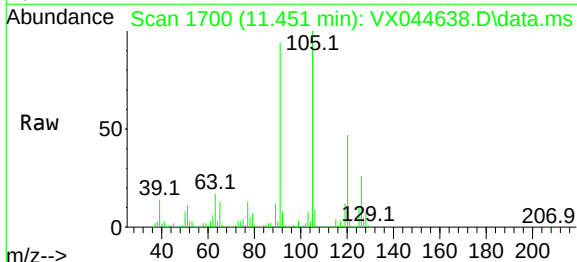
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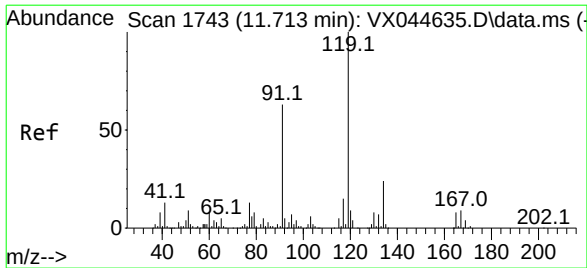
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 158.069 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 91 Resp: 1154987
Ion Ratio Lower Upper
91 100
126 28.6 0.0 54.8





#79

tert-butylbenzene

Concen: 155.318 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 1181415

Ion Ratio Lower Upper

119 100

91 61.4 0.0 124.2

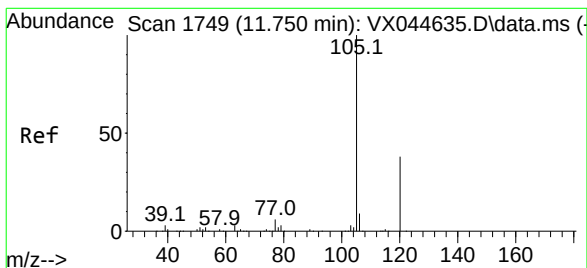
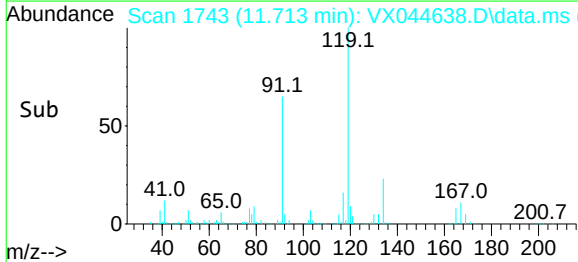
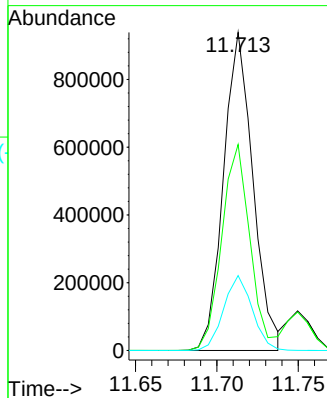
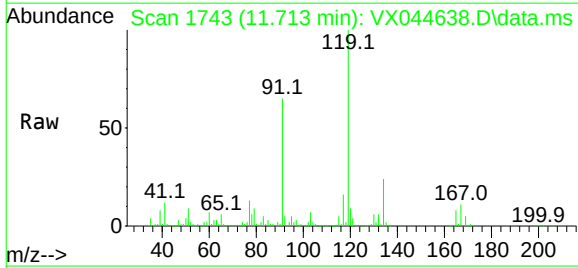
134 22.9 0.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#80

1,2,4-Trimethylbenzene

Concen: 153.206 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044638.D

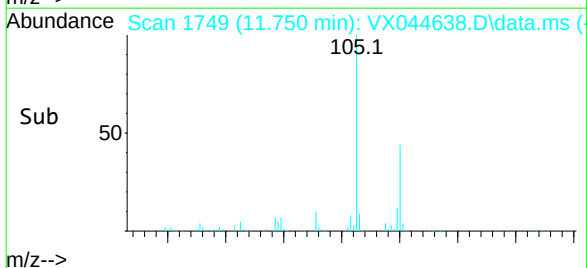
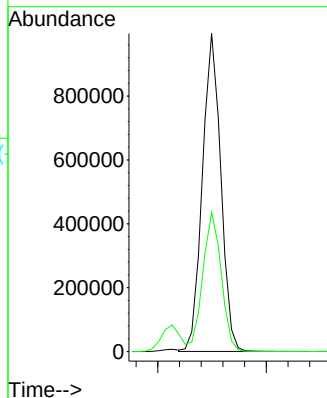
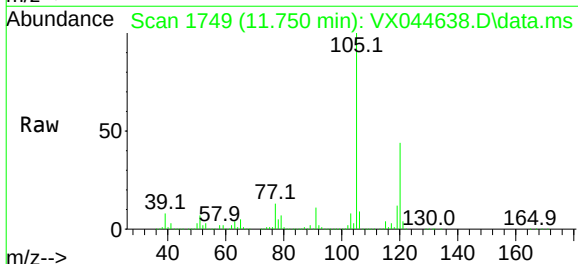
Acq: 09 Jan 2025 01:40

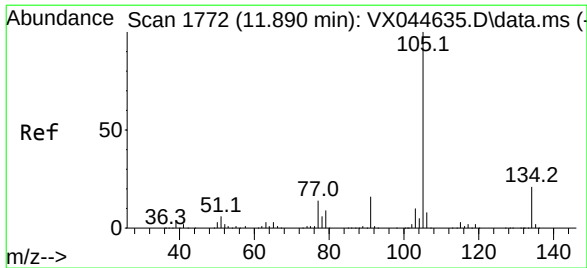
Tgt Ion:105 Resp: 1173853

Ion Ratio Lower Upper

105 100

120 43.8 0.0 87.2





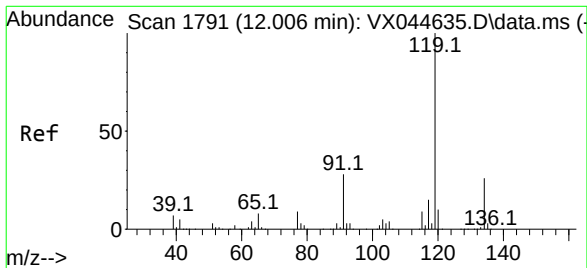
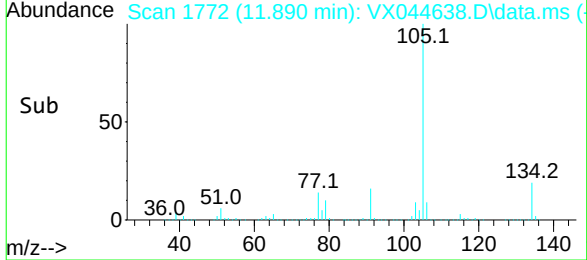
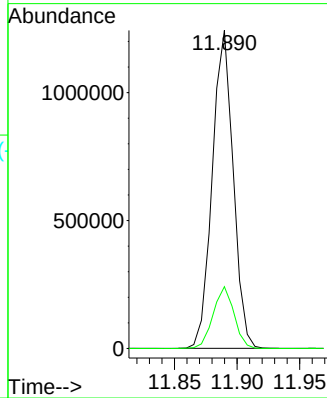
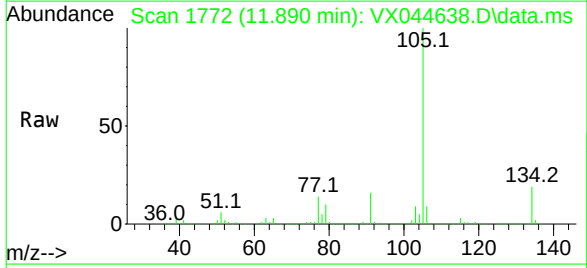
#81
sec-Butylbenzene
Concen: 151.376 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1443533
Ion Ratio Lower Upper
105 100
134 19.4 0.0 38.8

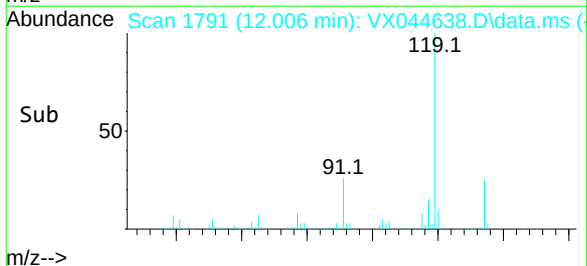
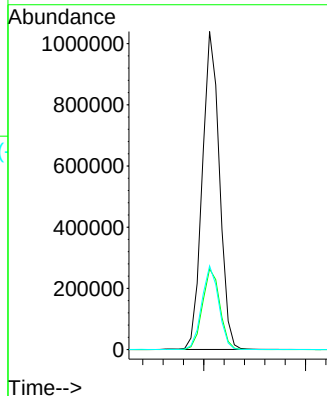
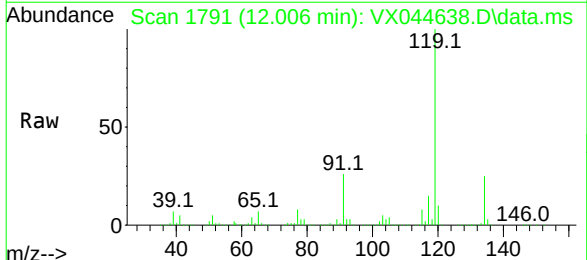
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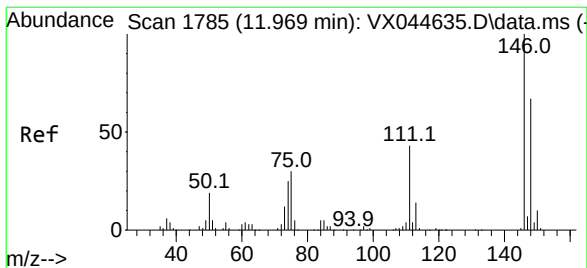
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 157.204 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:119 Resp: 1215043
Ion Ratio Lower Upper
119 100
134 25.7 0.0 53.8
91 25.9 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 161.234 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 627025

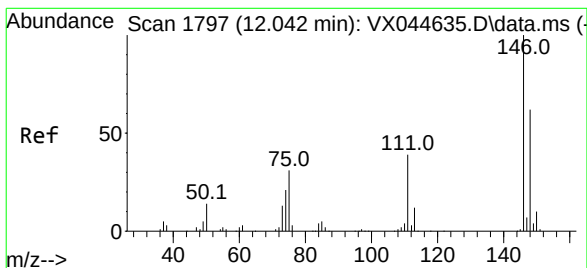
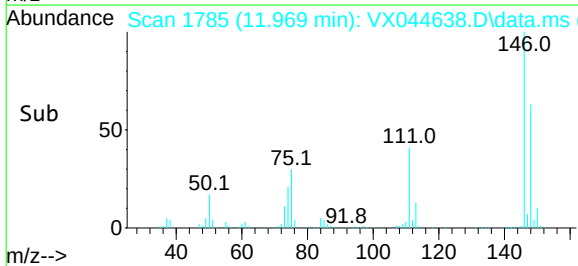
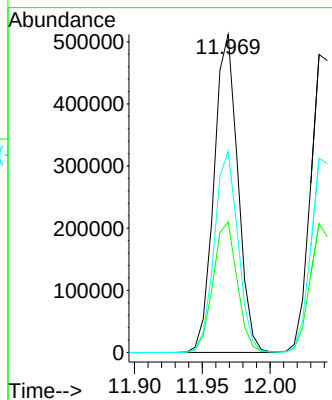
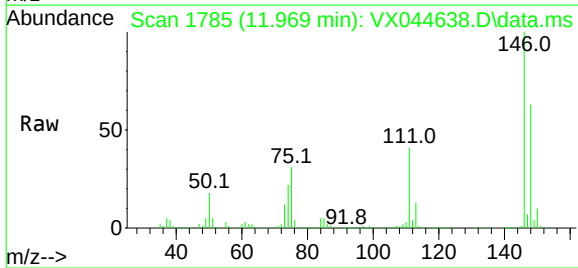
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.7	65.1
148	63.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 158.104 ug/l

RT: 12.036 min Scan# 1796

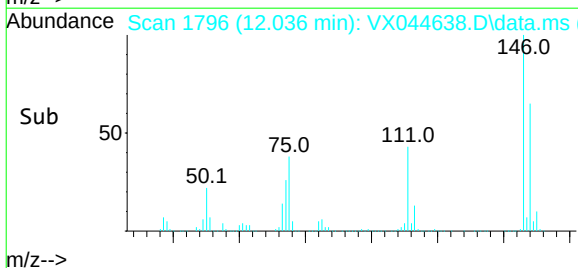
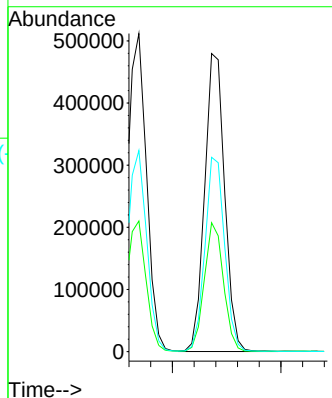
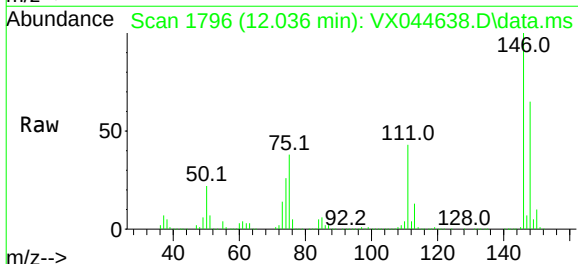
Delta R.T. -0.006 min

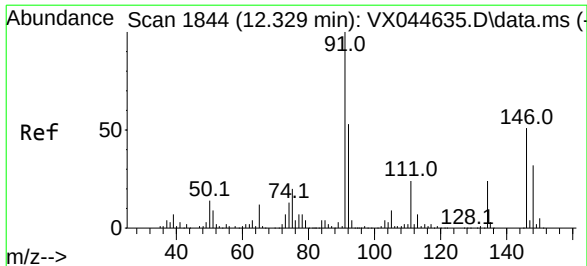
Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Tgt Ion:146 Resp: 615037

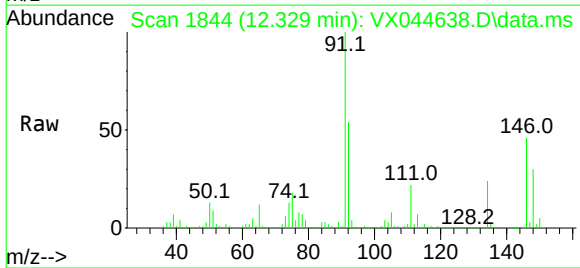
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	64.1	32.6	98.0





#85
n-Butylbenzene
Concen: 161.337 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

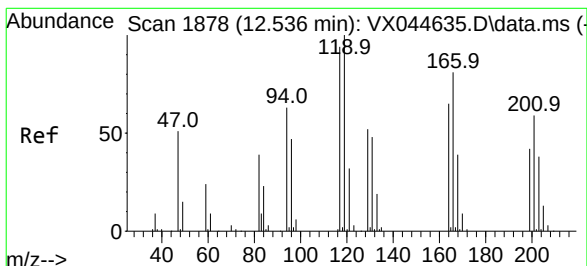
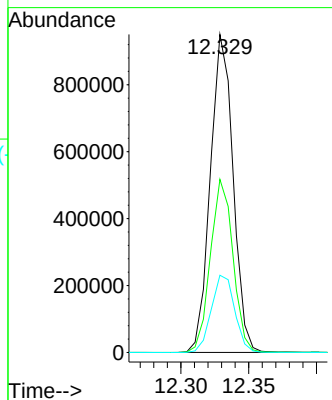
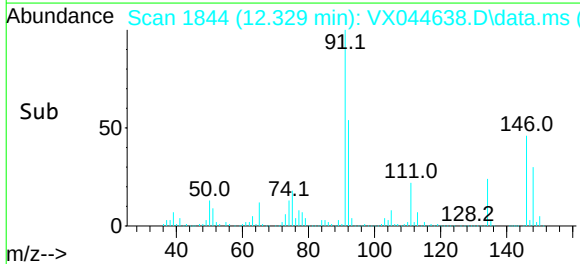
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 1110316
Ion Ratio Lower Upper
91 100
92 54.0 0.0 105.0
134 25.0 0.0 50.0

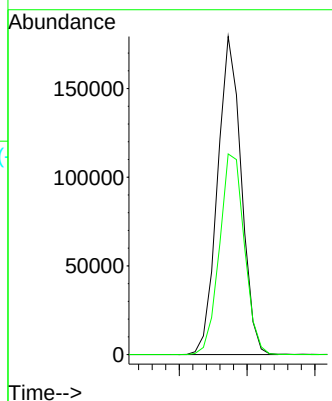
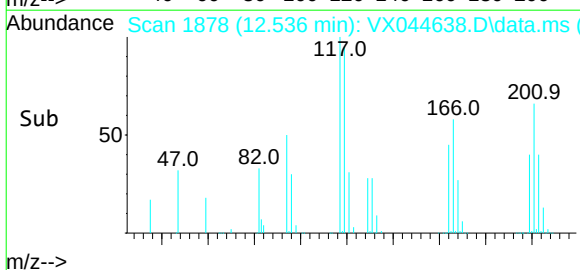
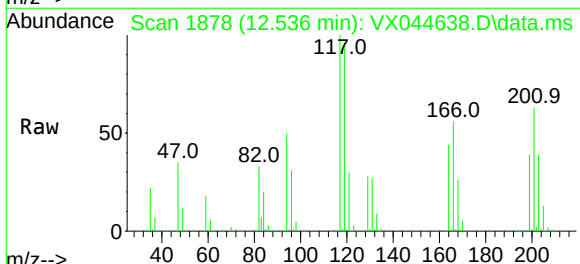
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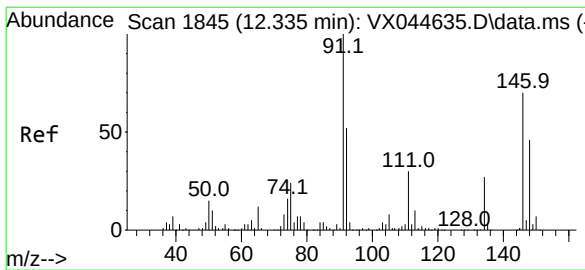
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 143.497 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

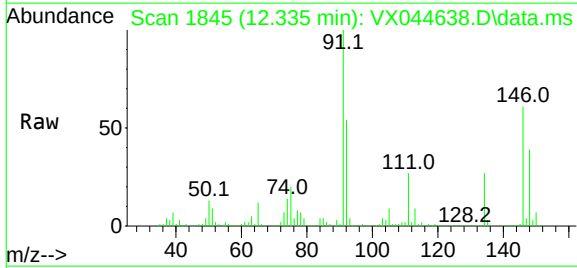
Tgt Ion:117 Resp: 218397
Ion Ratio Lower Upper
117 100
201 66.2 32.8 98.4





#87
1,2-Dichlorobenzene
Concen: 156.448 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

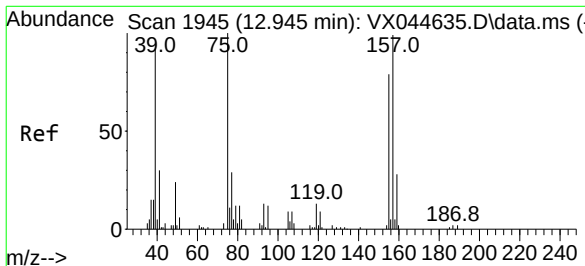
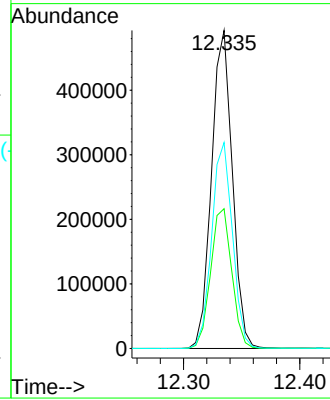
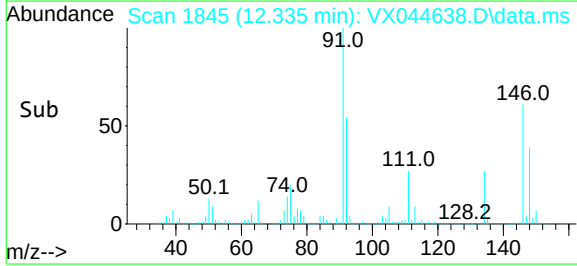
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 613163
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.7
148 64.7 32.0 96.0

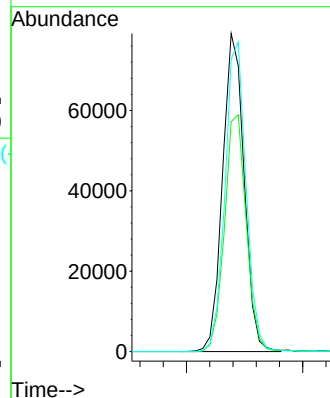
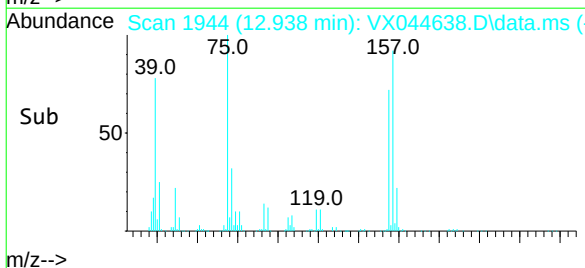
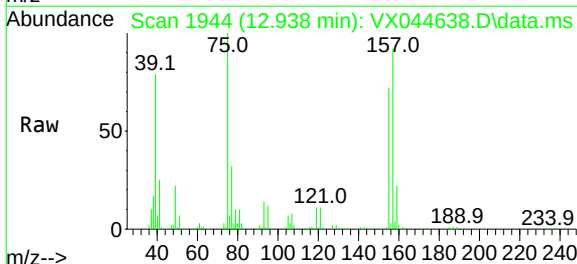
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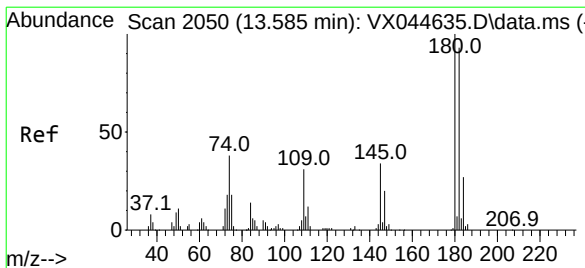
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 137.787 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion: 75 Resp: 101751
Ion Ratio Lower Upper
75 100
155 75.6 60.6 90.8
157 95.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 172.617 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

Instrument :

MSVOA_X

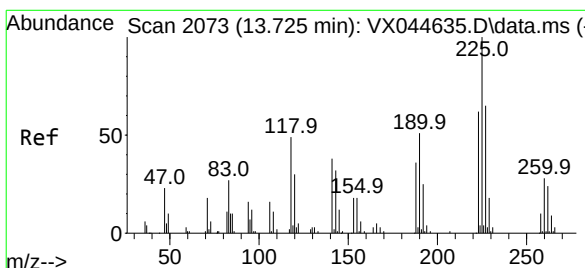
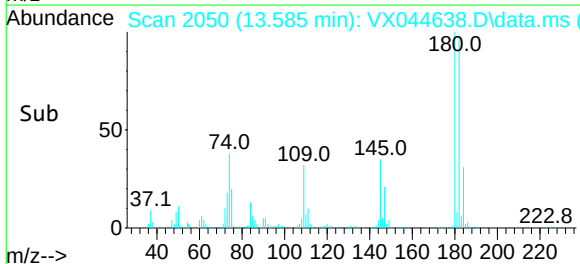
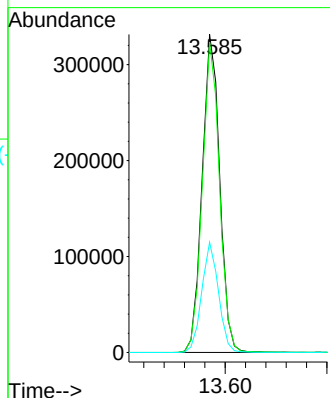
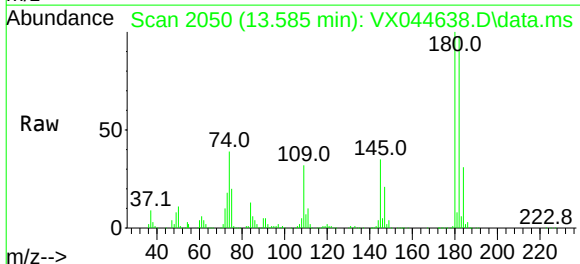
ClientSampleId :

VSTDICC150

Tgt Ion:	180	Resp:	396410
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.9	113.9
145	33.1	26.7	40.1

Manual Integrations
APPROVED

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



#90

Hexachlorobutadiene

Concen: 175.013 ug/l

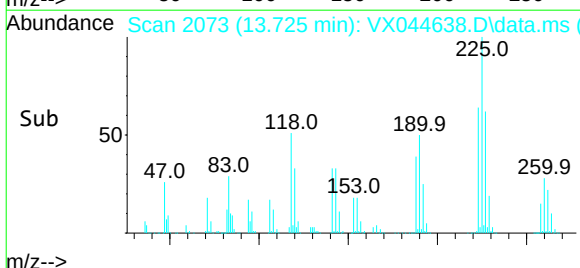
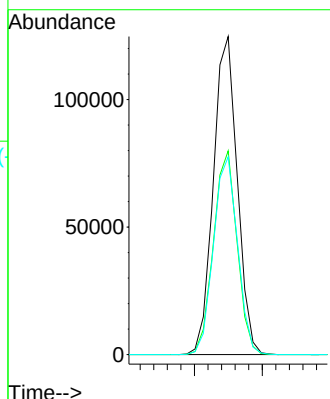
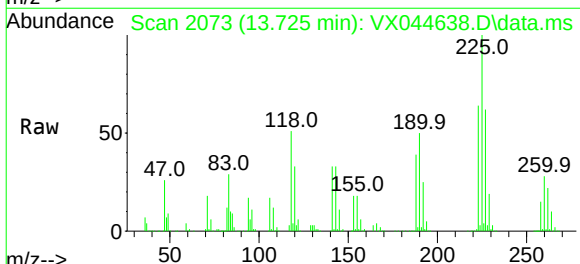
RT: 13.725 min Scan# 2073

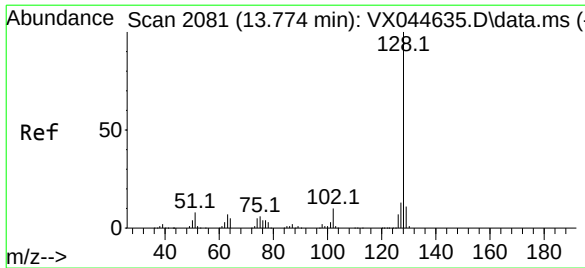
Delta R.T. -0.000 min

Lab File: VX044638.D

Acq: 09 Jan 2025 01:40

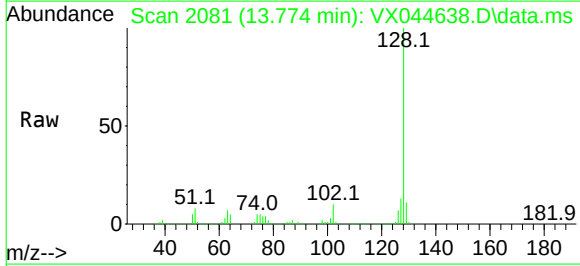
Tgt Ion:	225	Resp:	152762
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	124.0
227	62.3	0.0	134.6





#91
Naphthalene
Concen: 151.993 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

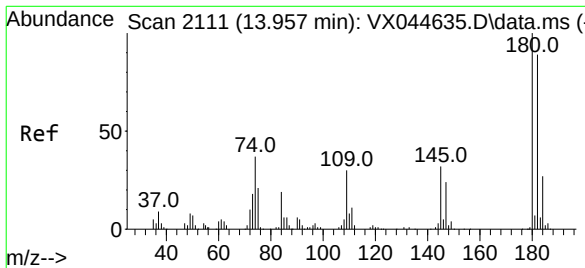
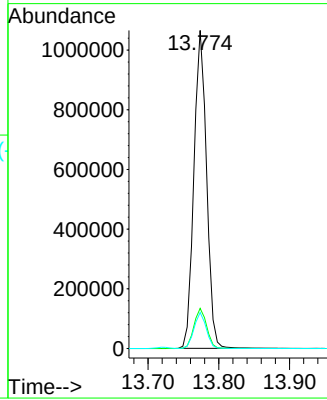
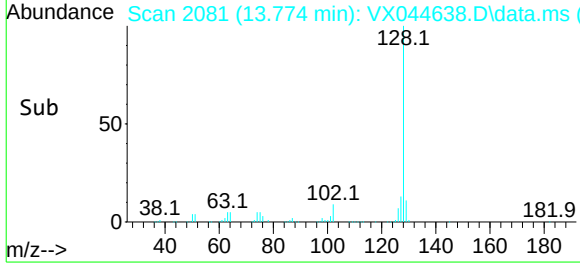
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1320487
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 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: 165.488 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044638.D
Acq: 09 Jan 2025 01:40

Tgt Ion:180 Resp: 389636
Ion Ratio Lower Upper
180 100
182 96.5 0.0 191.2
145 35.2 0.0 67.0

