

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044634.D
 Acq On : 09 Jan 2025 00:09
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 09 01:08:05 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	4.891	128	30960	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	161861	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	146897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	104476	38.741	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 129.133%#			
60) 4-Bromofluorobenzene	11.079	95	81705	31.776	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.933%			
63) Toluene-d8	8.647	98	250234	35.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 118.467%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12780	6.418	ug/l	96
3) Chloromethane	1.295	50	14195	5.240	ug/l	96
4) Vinyl Chloride	1.374	62	12569	4.947	ug/l	99
5) Bromomethane	1.599	94	6830	8.615	ug/l	94
6) Chloroethane	1.666	64	7335	8.554	ug/l	94
7) Trichlorofluoromethane	1.874	101	18894	7.075	ug/l	92
8) Diethyl Ether	2.136	74	8270	6.914	ug/l	84
9) 1,1,2-Trichlorotrifluoro...	2.319	101	10668	5.103	ug/l	98
10) 1,1-Dichloroethene	2.313	96	10242	4.831	ug/l	96
11) Methyl Iodide	2.447	142	13516	5.395	ug/l	95
12) Methyl Acetate	2.703	43	15277	4.151	ug/l	96
13) Acrolein	2.233	56	14064	22.741	ug/l	98
14) Acrylonitrile	3.069	53	27797	19.750	ug/l	96
15) Acetone	2.380	58	7299	19.157	ug/l	98
16) Carbon Disulfide	2.508	76	18388	3.100	ug/l	97
17) Allyl chloride	2.660	41	16049	3.971	ug/l	98
18) Methylene Chloride	2.788	84	12974	5.258	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	10257	4.569	ug/l	96
20) Diisopropyl ether	3.757	45	36981	4.581	ug/l #	85
21) 1,1-Dichloroethane	3.605	63	20916	4.769	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	13043m	4.850	ug/l	
23) tert-Butyl Alcohol	2.995	59	12990m	21.884	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	36524	4.836	ug/l	98
25) Chloroform	5.093	83	23377	5.521	ug/l	99
26) Cyclohexane	5.465	56	16637	4.231	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	13981	5.443	ug/l	98
30) 2-Butanone	4.562	43	35497	20.484	ug/l	93
31) 2,2-Dichloropropane	4.465	77	15539	4.947	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	18734	5.846	ug/l #	87
33) Carbon Tetrachloride	5.672	117	15158	5.842	ug/l	87
34) Benzene	6.031	78	45235	5.360	ug/l	96
35) Methacrylonitrile	4.922	41	8766	4.751	ug/l	86
36) 1,2-Dichloroethane	6.086	62	18902	6.709	ug/l #	94
37) Trichloroethene	7.129	130	10951	5.672	ug/l	98
38) Methylcyclohexane	7.373	83	16388	4.761	ug/l	97
39) 1,2-Dichloropropane	7.428	63	10924	5.257	ug/l #	89
40) Dibromomethane	7.580	93	8573	5.873	ug/l	97
41) Bromodichloromethane	7.818	83	14554	5.117	ug/l	99
42) Vinyl Acetate	3.721	43	139717	18.225	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044634.D
 Acq On : 09 Jan 2025 00:09
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 01:08:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	16434m	4.909	ug/l	
44) Isopropyl Acetate	6.342	43	24179	4.420	ug/l	100
45) 1,4-Dioxane	7.671	88	3726	74.450	ug/l #	84
46) Methyl methacrylate	7.696	41	10975	4.177	ug/l	93
47) n-amyl Acetate	10.848	43	17286	3.645	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	13408	4.399	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	14801	4.432	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	10820	5.501	ug/l	97
51) Ethyl methacrylate	9.116	69	14432	4.067	ug/l	96
52) 1,3-Dichloropropane	9.305	76	18987	5.504	ug/l	99
53) Dibromochloromethane	9.519	129	9394	4.495	ug/l	99
54) 1,2-Dibromoethane	9.610	107	10769	5.279	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	36905	22.536	ug/l	97
56) Bromoform	10.799	173	5330	3.789	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	73739	22.194	ug/l	100
59) 2-Hexanone	9.433	43	51272	20.109	ug/l	99
61) Tetrachloroethene	9.269	164	9809	5.997	ug/l	96
62) Toluene	8.714	91	47624	5.497	ug/l	100
64) Chlorobenzene	10.080	112	29744	5.608	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	9367	5.189	ug/l	100
66) Ethyl Benzene	10.189	91	50259	5.360	ug/l	100
67) m/p-Xylenes	10.299	106	36118	10.287	ug/l	98
68) o-Xylene	10.640	106	18084	5.121	ug/l	100
69) Styrene	10.659	104	28990	4.948	ug/l	96
70) Isopropylbenzene	10.957	105	47468	5.372	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	15307	4.814	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	13717m	4.928	ug/l	
73) Bromobenzene	11.201	156	11383	5.513	ug/l	97
74) n-propylbenzene	11.305	91	57295	5.537	ug/l	98
75) 2-Chlorotoluene	11.360	91	39394	6.106	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	44536	6.129	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	2981	2.517	ug/l	72
78) 4-Chlorotoluene	11.451	91	40554	5.764	ug/l	94
79) tert-butylbenzene	11.713	119	43328	5.915	ug/l	93
80) 1,2,4-Trimethylbenzene	11.750	105	42320	5.736	ug/l	95
81) sec-Butylbenzene	11.890	105	51850	5.646	ug/l	99
82) p-Isopropyltoluene	12.006	119	42245	5.676	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	23587	6.298	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	23655	6.315	ug/l	97
85) n-Butylbenzene	12.335	91	30912	4.664	ug/l	96
86) Hexachloroethane	12.536	117	5728	3.908	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	24054	6.373	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2407	3.385	ug/l	87
89) 1,2,4-Trichlorobenzene	13.591	180	11640	5.264	ug/l	98
90) Hexachlorobutadiene	13.725	225	5123	6.095	ug/l	98
91) Naphthalene	13.774	128	37823	4.521	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	12535	5.529	ug/l	99

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

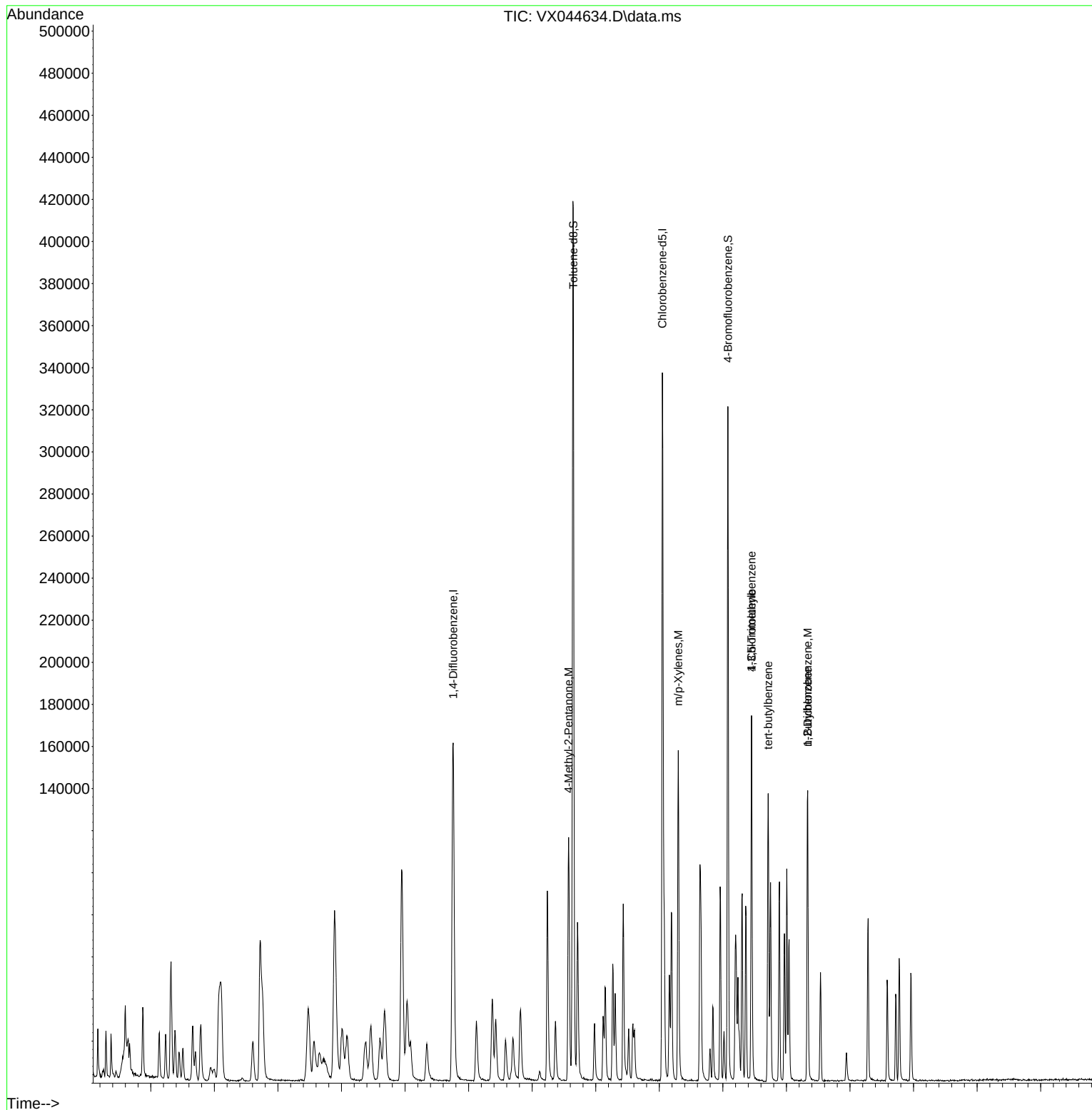
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044634.D
Acq On : 09 Jan 2025 00:09
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

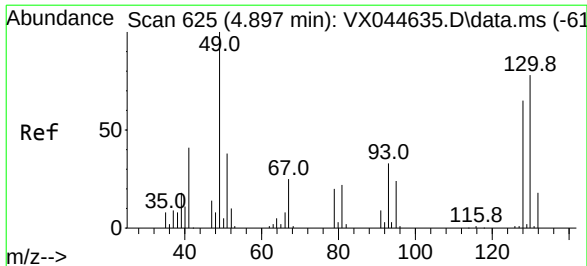
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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

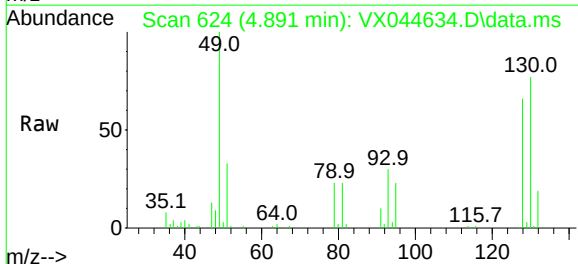
Quant Time: Jan 09 01:08:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 09 01:07:24 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

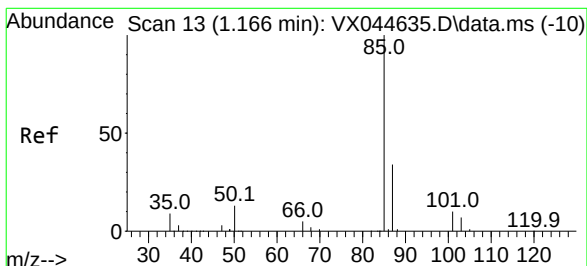
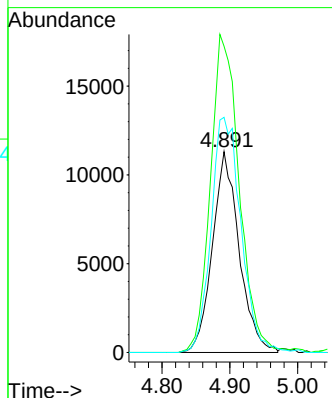
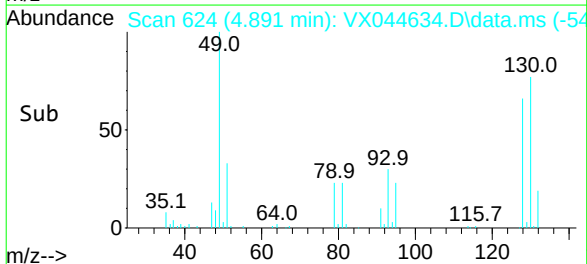
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 30960
Ion Ratio Lower Upper
128 100
49 169.9 0.0 425.8
130 130.9 0.0 319.8

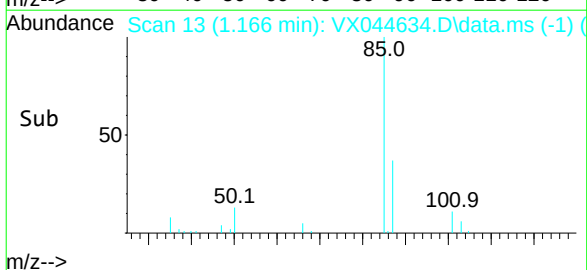
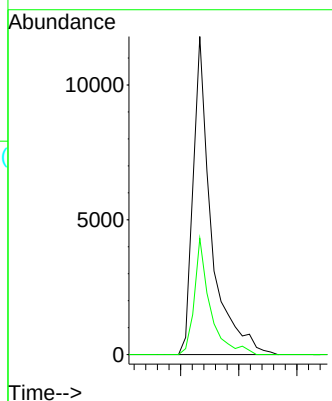
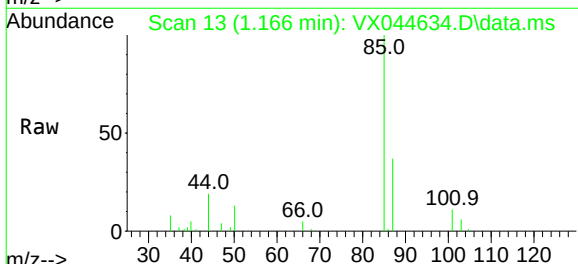
Manual Integrations
APPROVED

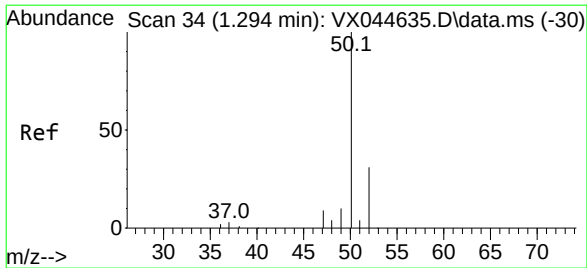
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 6.418 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

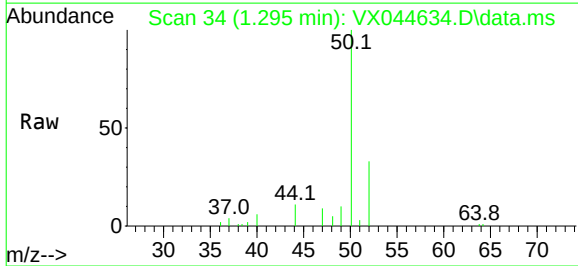
Tgt Ion: 85 Resp: 12780
Ion Ratio Lower Upper
85 100
87 36.6 17.0 51.0





#3
Chloromethane
Concen: 5.240 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

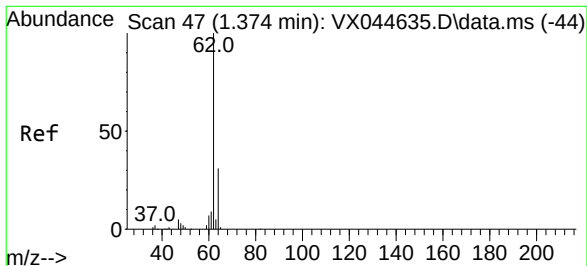
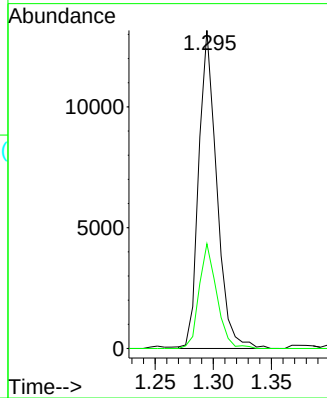
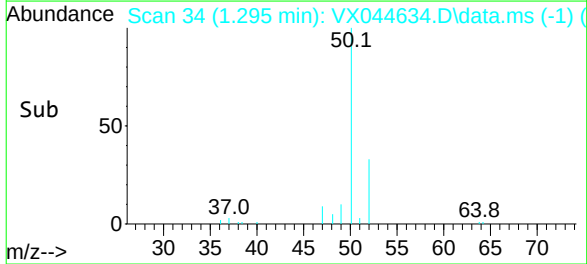
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 14195
Ion Ratio Lower Upper
50 100
52 32.9 24.5 36.7

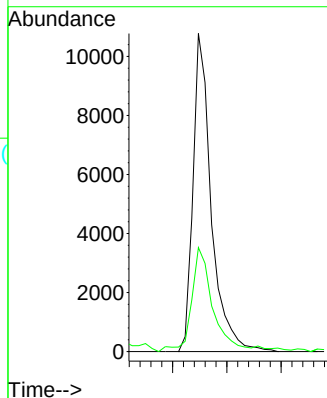
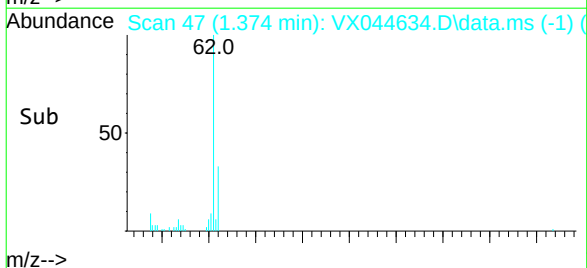
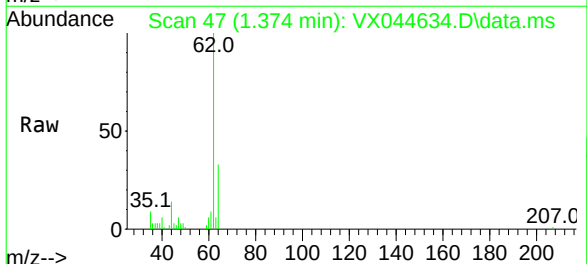
Manual Integrations
APPROVED

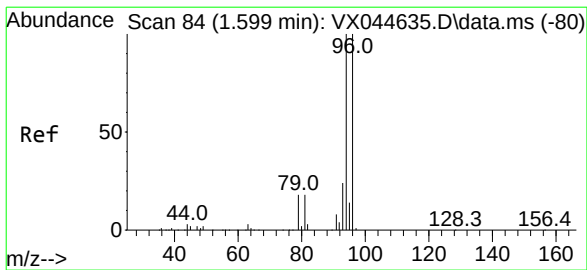
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 4.947 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 62 Resp: 12569
Ion Ratio Lower Upper
62 100
64 31.6 24.7 37.1





#5

Bromomethane

Concen: 8.615 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 94 Resp: 6830

Ion Ratio Lower Upper

94 100

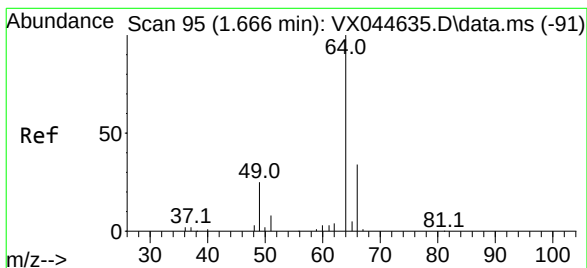
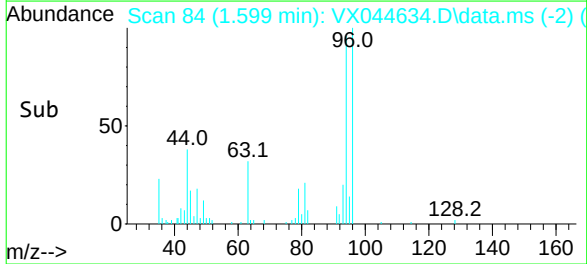
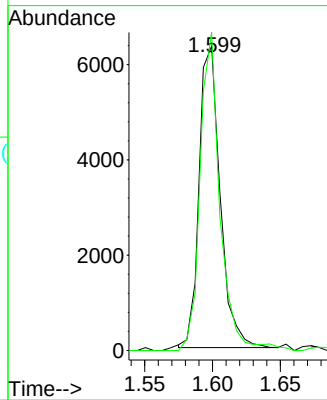
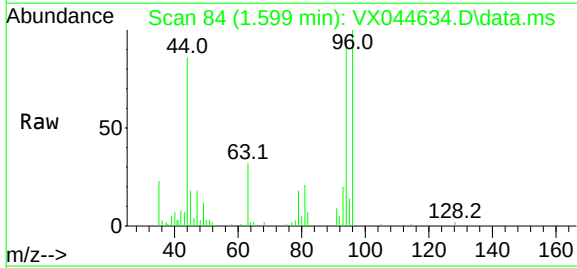
96 105.5 79.9 119.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#6

Chloroethane

Concen: 8.554 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044634.D

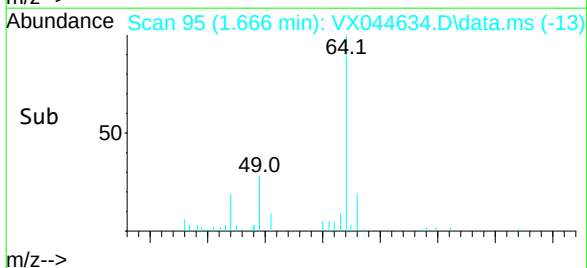
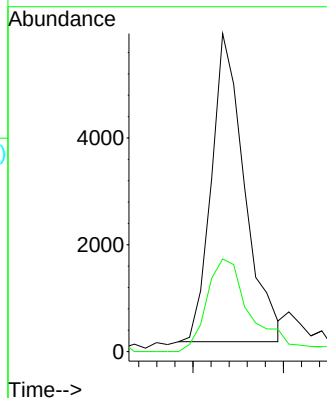
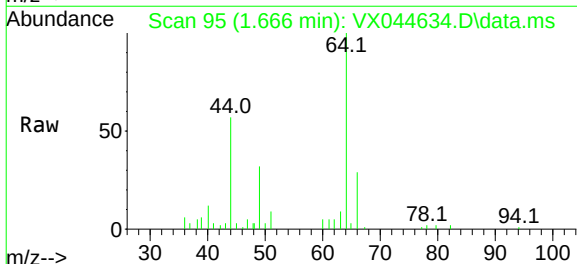
Acq: 09 Jan 2025 00:09

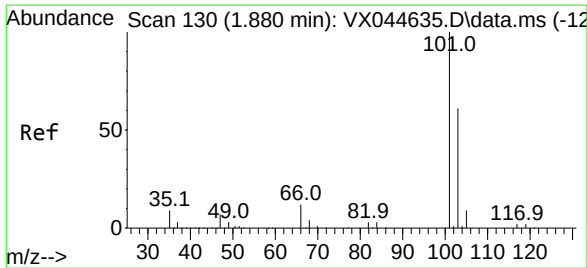
Tgt Ion: 64 Resp: 7335

Ion Ratio Lower Upper

64 100

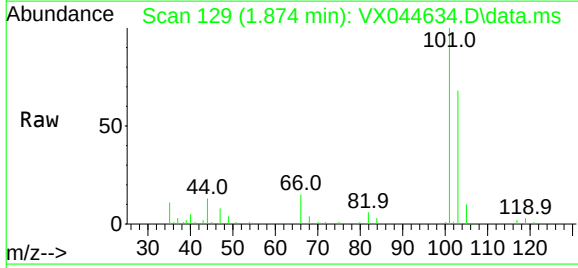
66 30.0 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 7.075 ug/l
 RT: 1.874 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

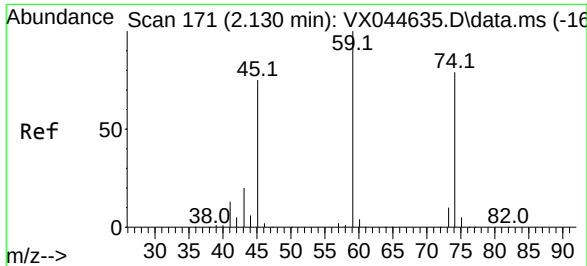
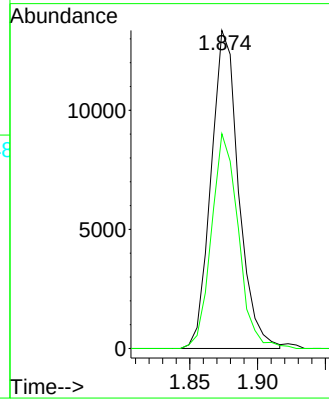
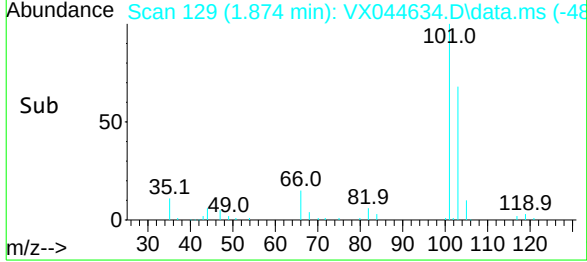
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



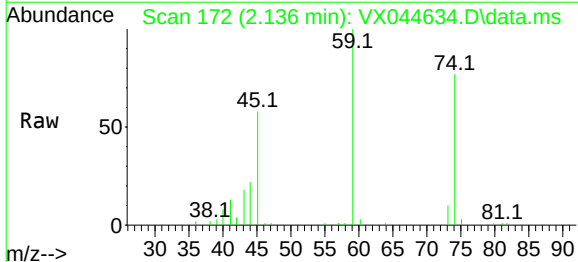
Tgt Ion:101 Resp: 18894
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.2 73.8

Manual Integrations
 APPROVED

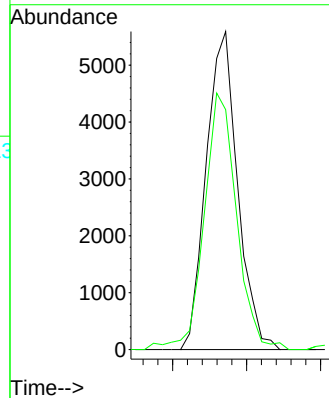
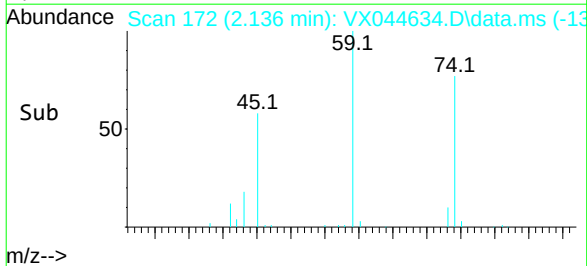
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

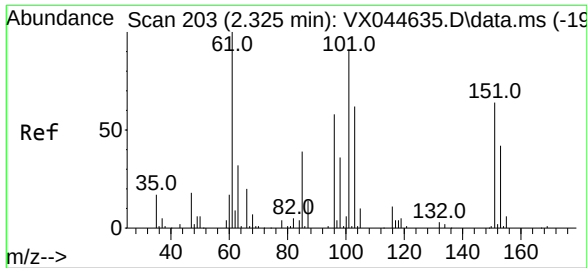


#8
 Diethyl Ether
 Concen: 6.914 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09



Tgt Ion: 74 Resp: 8270
 Ion Ratio Lower Upper
 74 100
 45 81.7 19.4 174.6





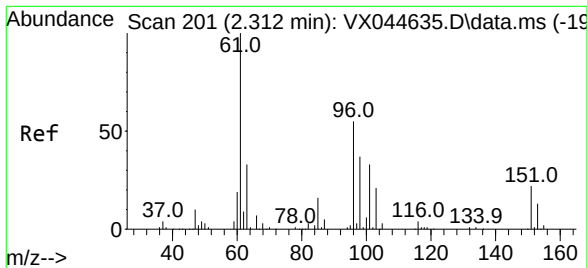
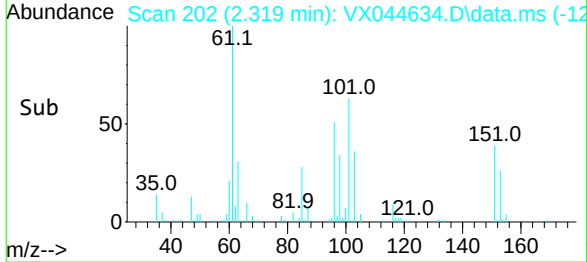
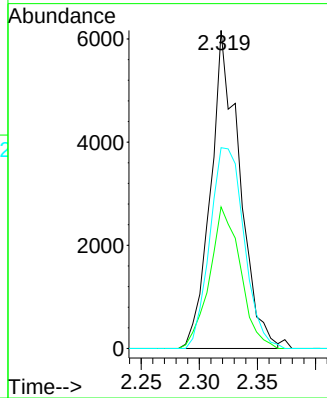
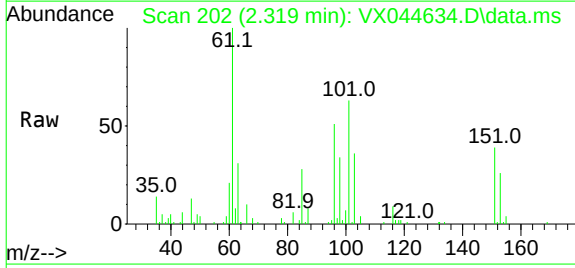
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.103 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 10668
Ion Ratio Lower Upper
101 100
85 47.5 0.0 93.4
151 74.6 0.0 146.2

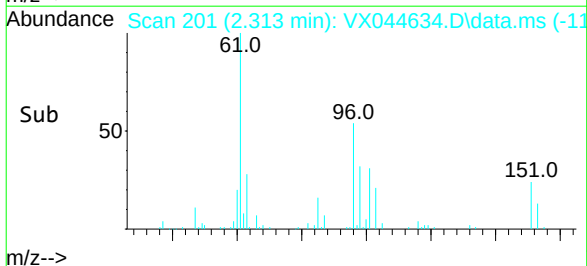
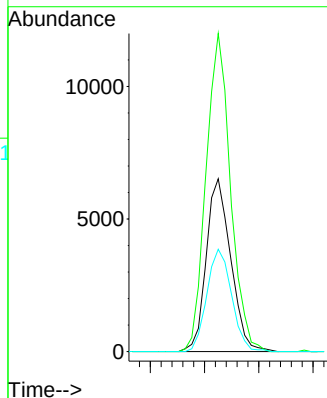
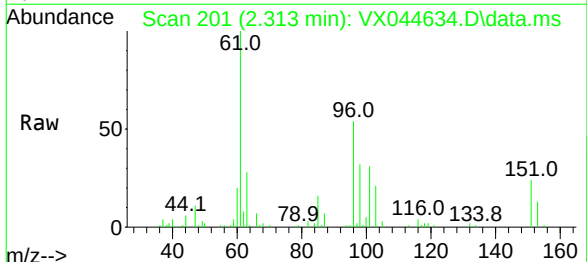
Manual Integrations
APPROVED

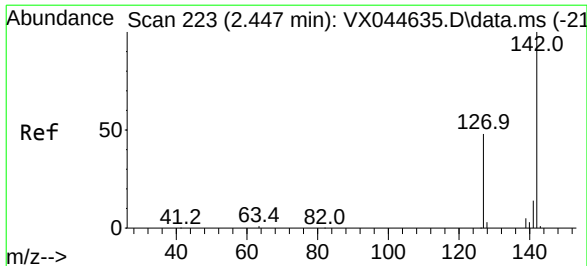
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#10
1,1-Dichloroethene
Concen: 4.831 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 96 Resp: 10242
Ion Ratio Lower Upper
96 100
61 184.0 146.0 219.0
98 59.2 54.6 81.8





#11

Methyl Iodide

Concen: 5.395 ug/l

RT: 2.447 min Scan# 223

Delta R.T. 0.000 min

Lab File: VX044634.D

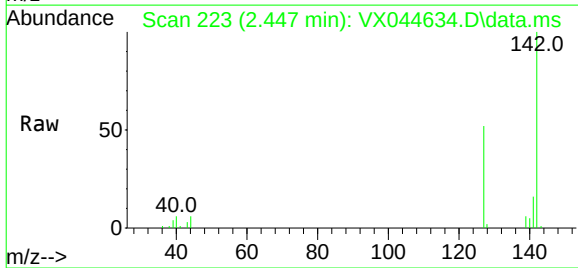
Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



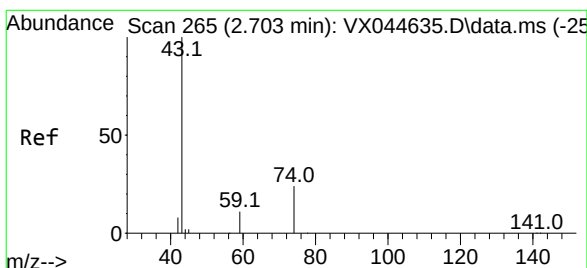
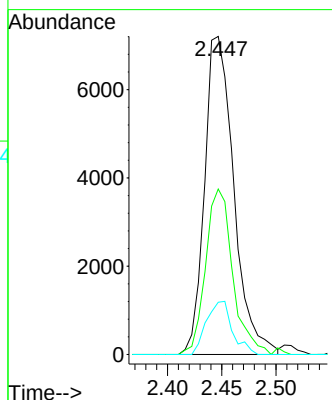
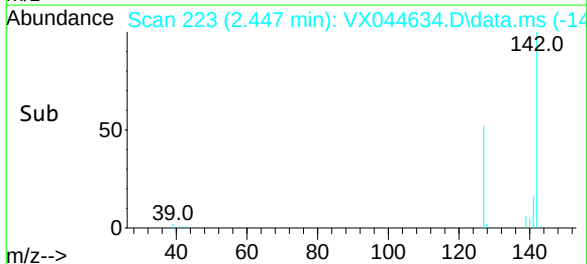
Tgt Ion:	142	Resp:	13516
Ion	Ratio	Lower	Upper
142	100		
127	51.4	24.1	72.2
141	16.6	7.0	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#12

Methyl Acetate

Concen: 4.151 ug/l

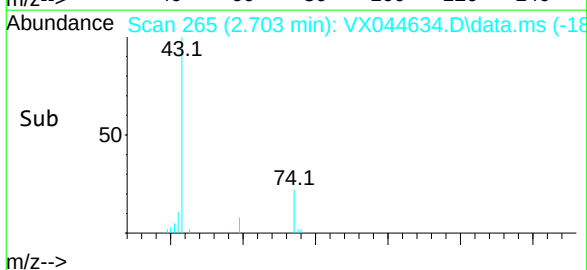
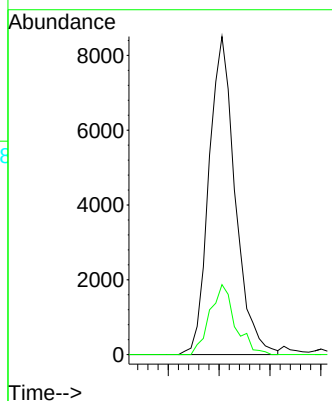
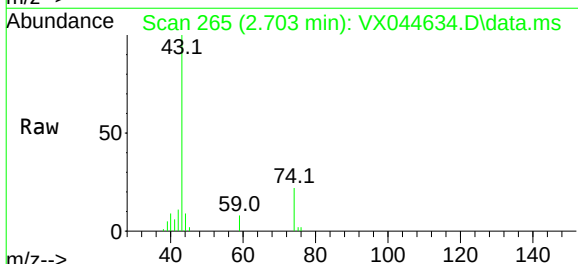
RT: 2.703 min Scan# 265

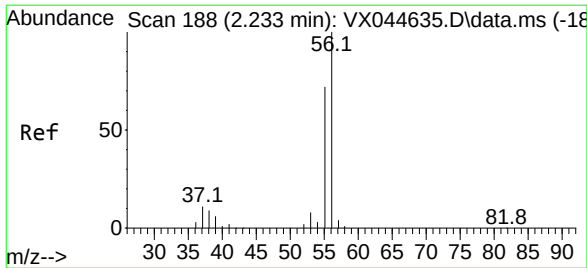
Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Tgt Ion:	43	Resp:	15277
Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.4	29.0





#13

Acrolein

Concen: 22.741 ug/l

RT: 2.233 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 14064

Ion Ratio Lower Upper

56 100

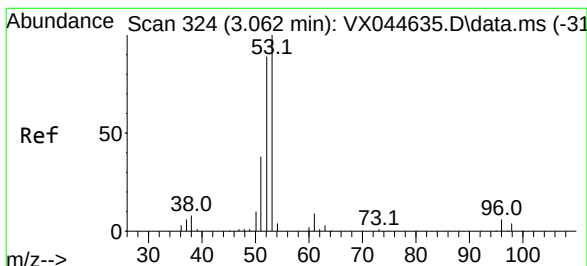
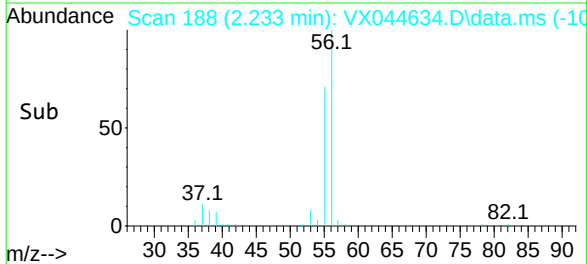
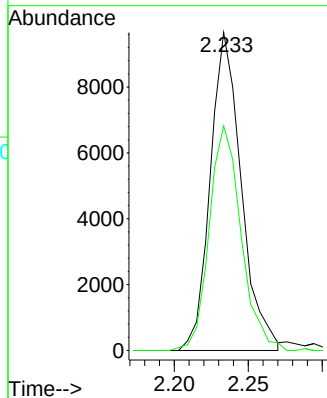
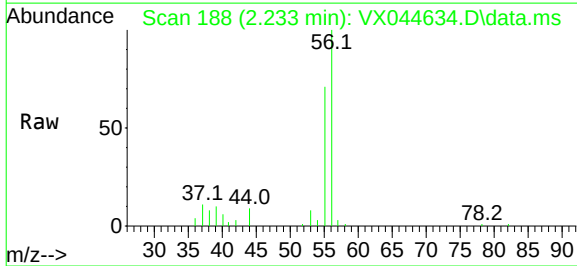
55 72.3 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 19.750 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

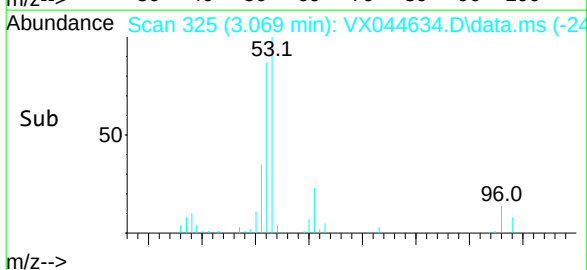
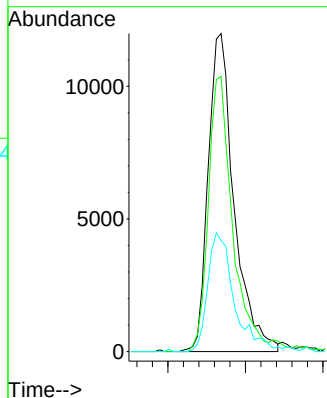
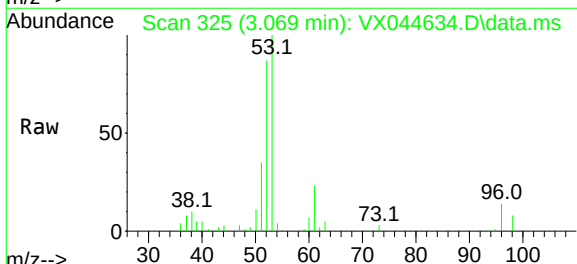
Tgt Ion: 53 Resp: 27797

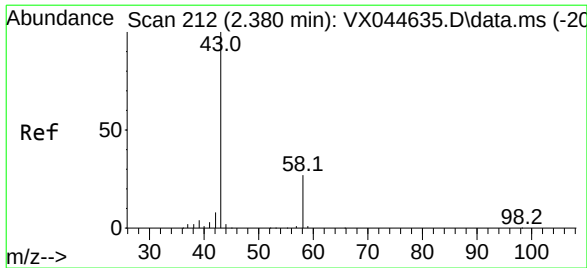
Ion Ratio Lower Upper

53 100

52 80.2 41.5 124.6

51 34.2 18.4 55.4





#15

Acetone

Concen: 19.157 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 7299

Ion Ratio Lower Upper

58 100

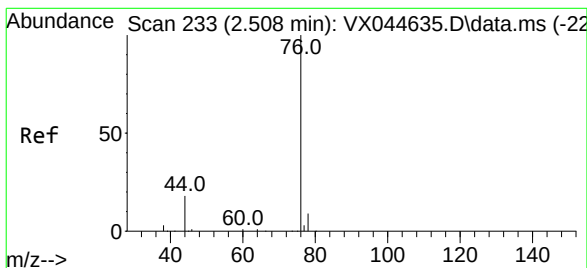
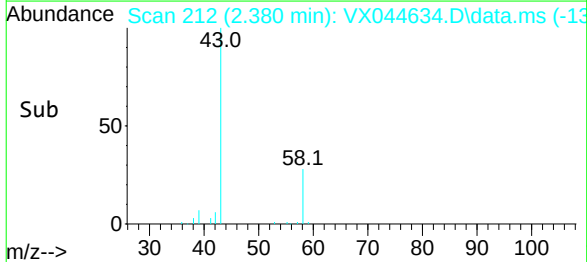
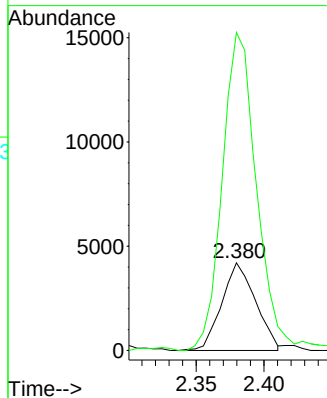
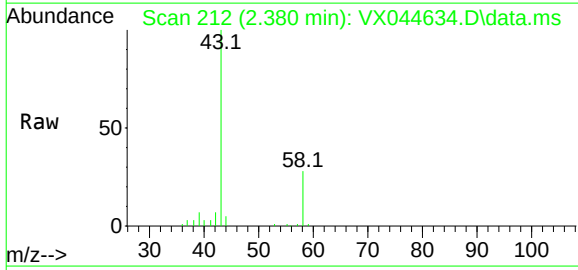
43 362.9 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 3.100 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044634.D

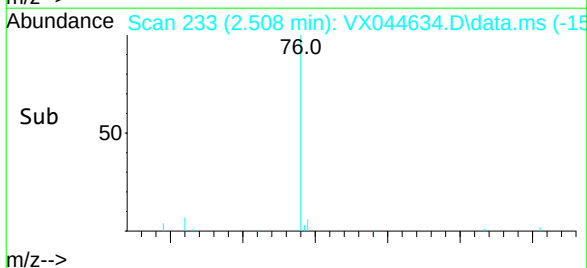
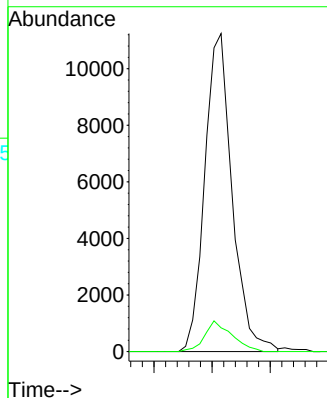
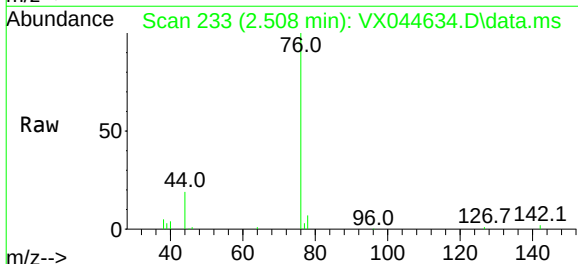
Acq: 09 Jan 2025 00:09

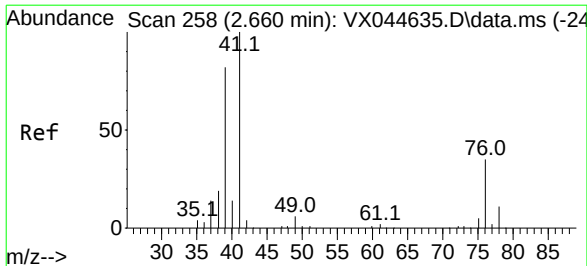
Tgt Ion: 76 Resp: 18388

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.4





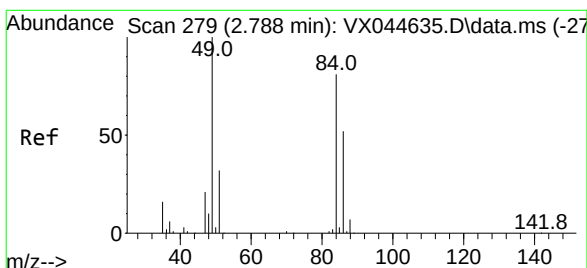
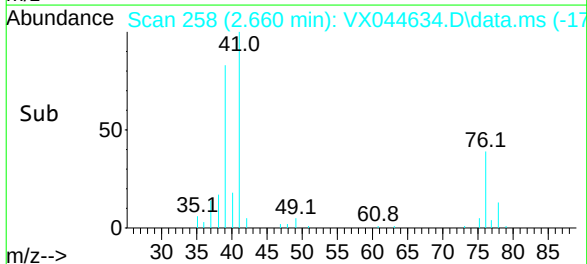
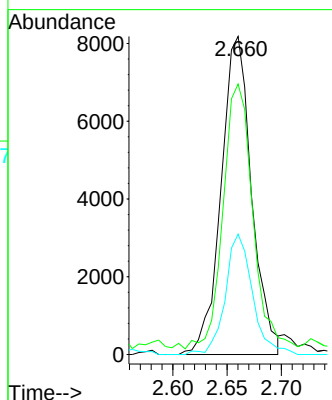
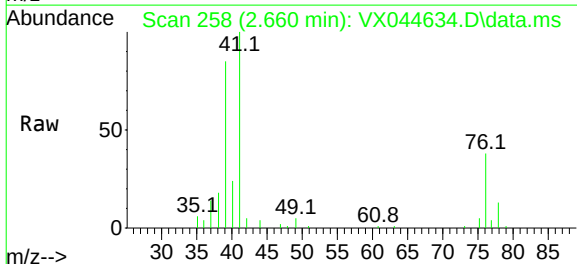
#17
 Allyl chloride
 Concen: 3.971 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	41	Resp:	16049
Ion	Ratio	Lower	Upper
41	100		
39	81.5	40.9	122.7
76	37.8	17.4	52.2

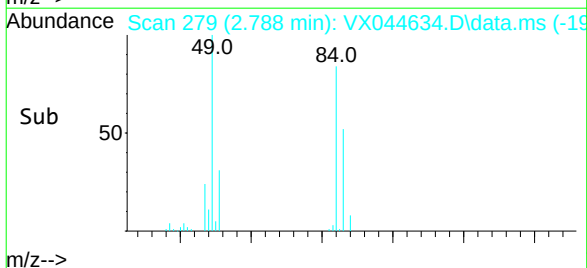
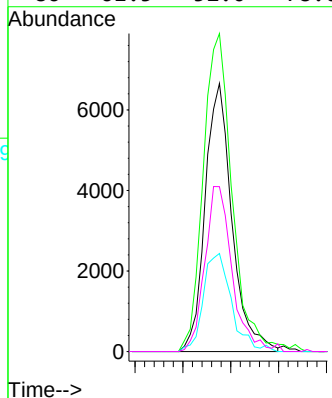
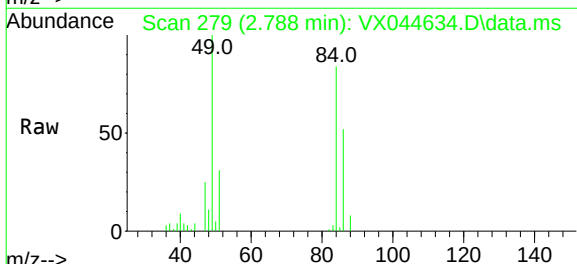
Manual Integrations
 APPROVED

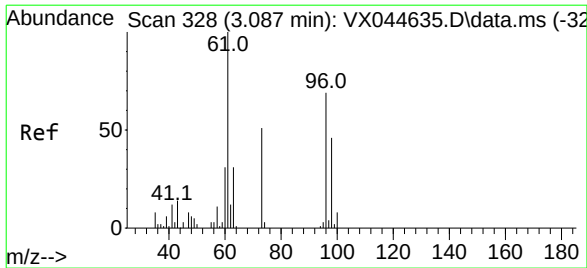
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 5.258 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

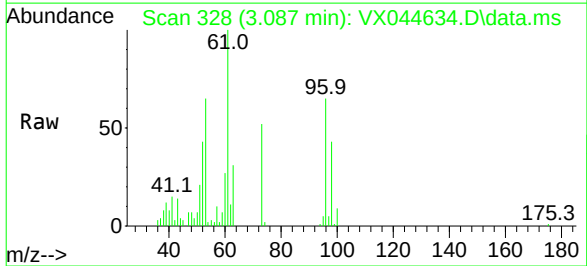
Tgt Ion:	84	Resp:	12974
Ion	Ratio	Lower	Upper
84	100		
49	118.6	99.2	148.8
51	36.6	31.7	47.5
86	61.5	52.0	78.0





#19
trans-1,2-Dichloroethene
Concen: 4.569 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

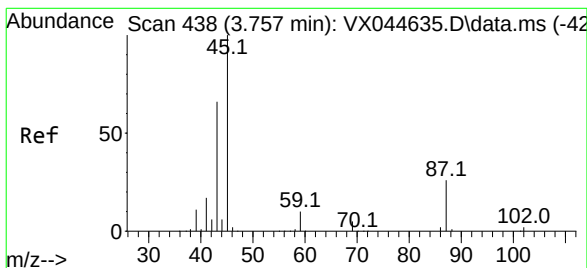
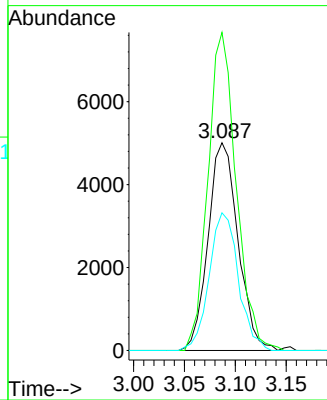
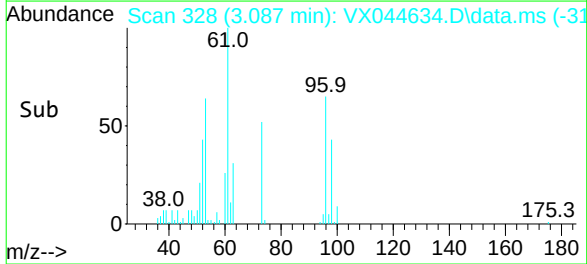
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



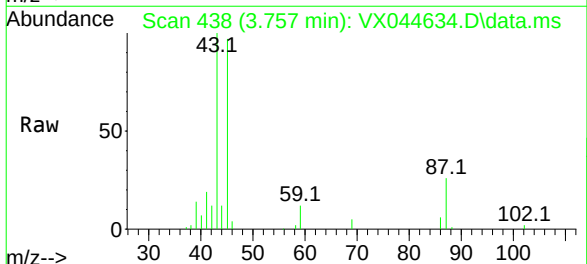
Tgt Ion: 96 Resp: 10257
Ion Ratio Lower Upper
96 100
61 153.1 116.6 175.0
98 66.3 53.3 79.9

Manual Integrations
APPROVED

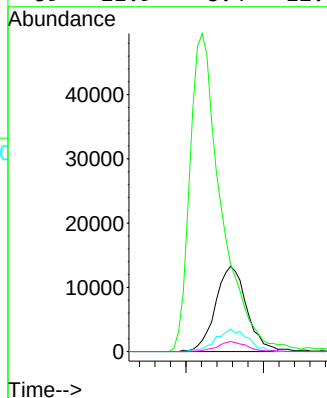
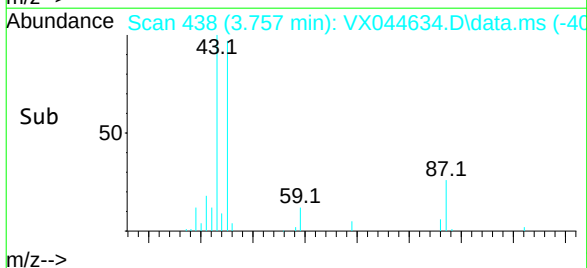
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

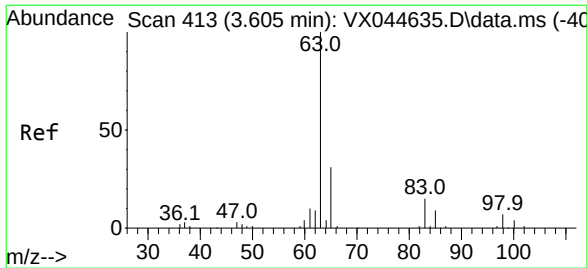


#20
Diisopropyl ether
Concen: 4.581 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



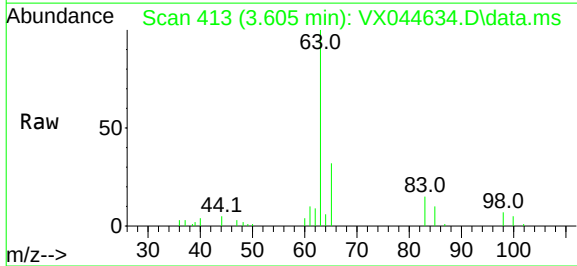
Tgt Ion: 45 Resp: 36981
Ion Ratio Lower Upper
45 100
43 95.1 62.0 93.0#
87 26.6 20.6 30.8
59 11.9 8.4 12.6





#21
1,1-Dichloroethane
Concen: 4.769 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

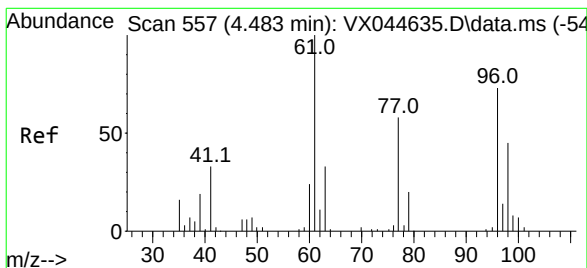
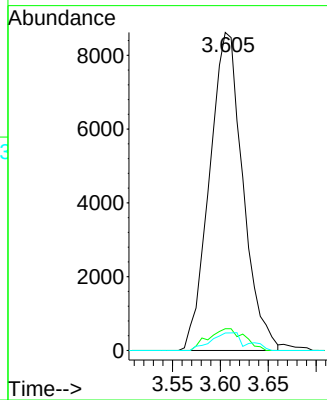
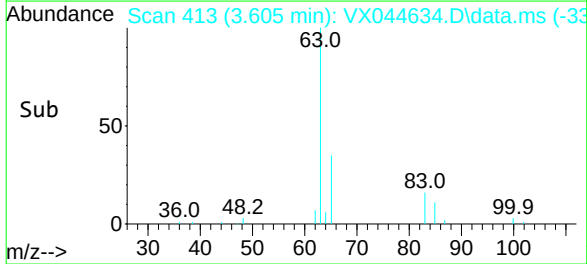
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 20916
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 5.5 2.2 6.6

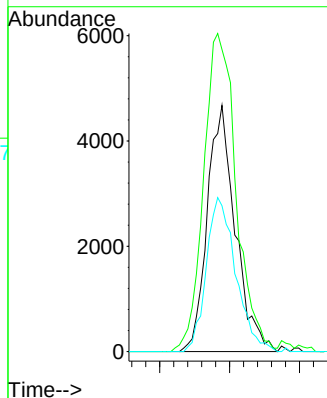
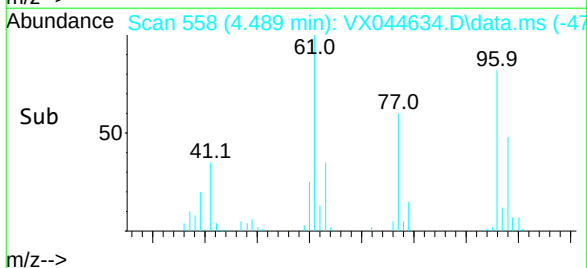
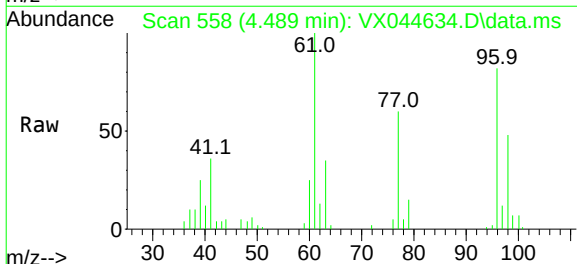
Manual Integrations
APPROVED

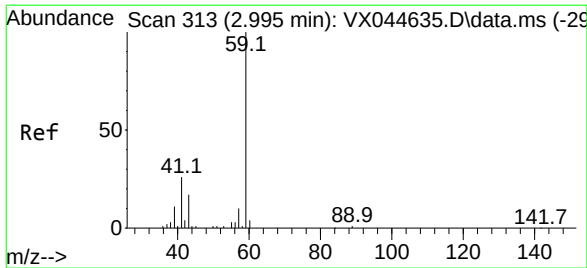
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#22
cis-1,2-Dichloroethene
Concen: 4.850 ug/l m
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 96 Resp: 13043
Ion Ratio Lower Upper
96 100
61 149.5 119.8 179.8
98 65.7 51.6 77.4





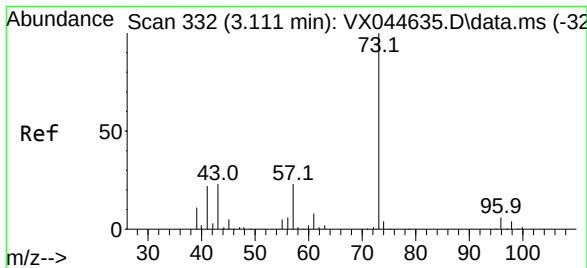
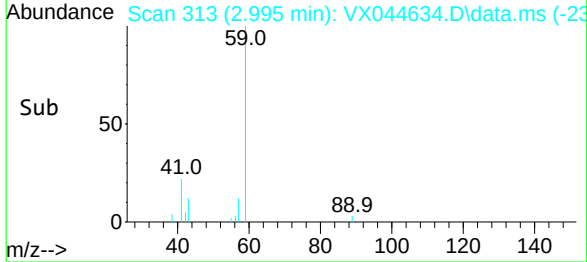
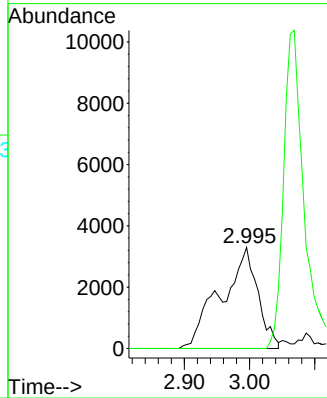
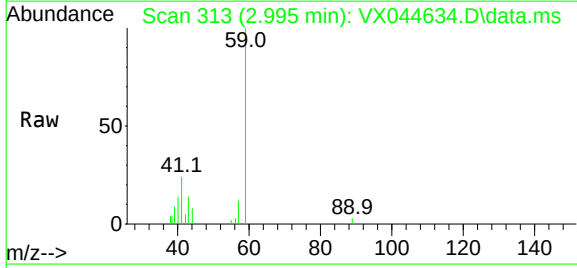
#23
tert-Butyl Alcohol
Concen: 21.884 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 12990
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

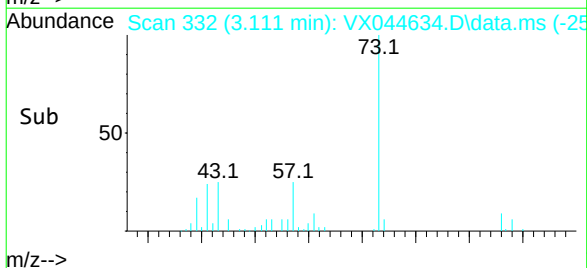
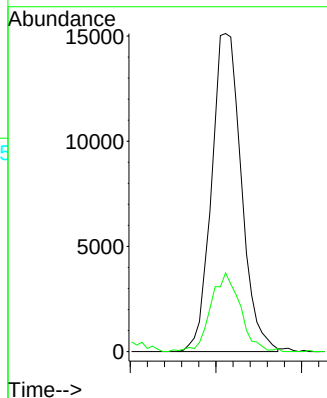
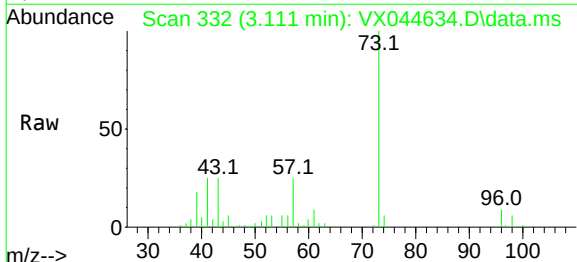
Manual Integrations
APPROVED

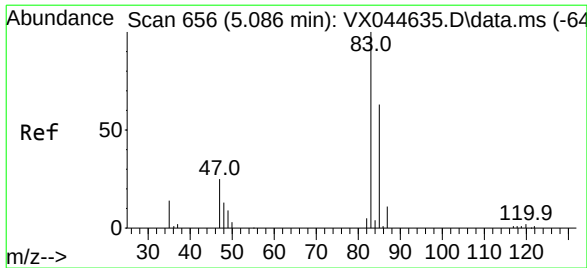
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#24
Methyl tert-Butyl Ether
Concen: 4.836 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 73 Resp: 36524
Ion Ratio Lower Upper
73 100
43 23.8 18.3 27.5





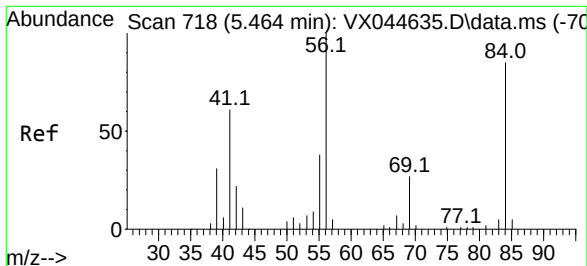
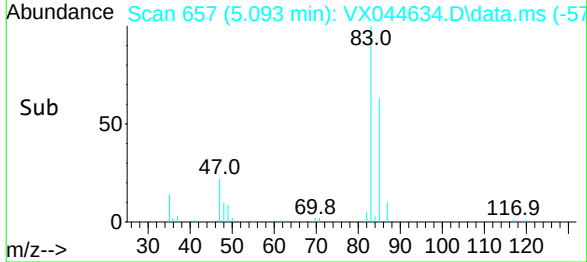
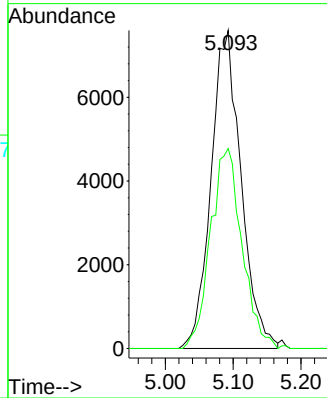
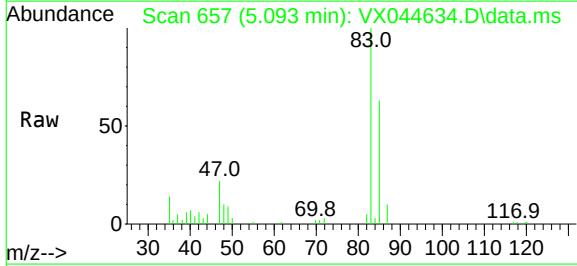
#25
Chloroform
Concen: 5.521 ug/l
RT: 5.093 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 23377
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1

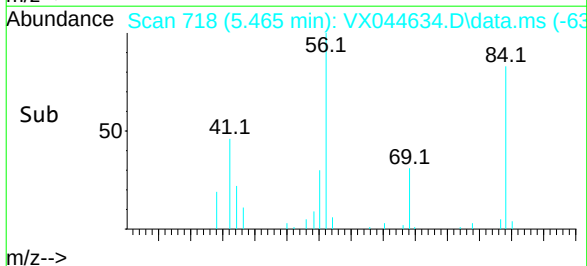
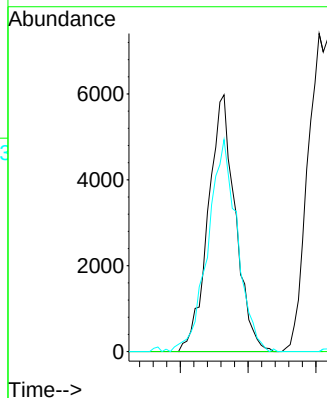
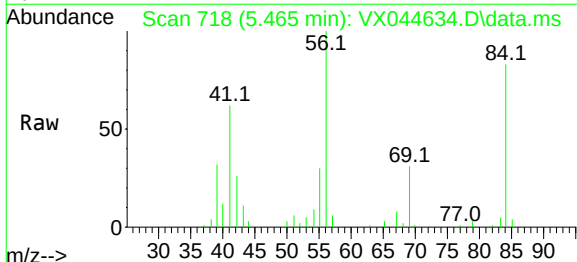
Manual Integrations
APPROVED

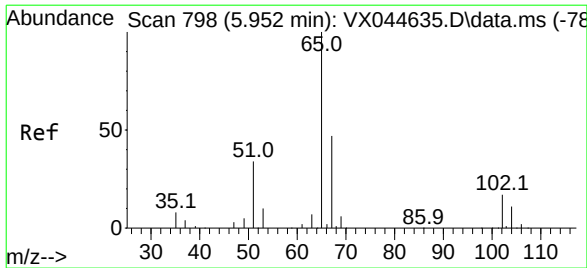
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#26
Cyclohexane
Concen: 4.231 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 56 Resp: 16637
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.1 69.2 103.8





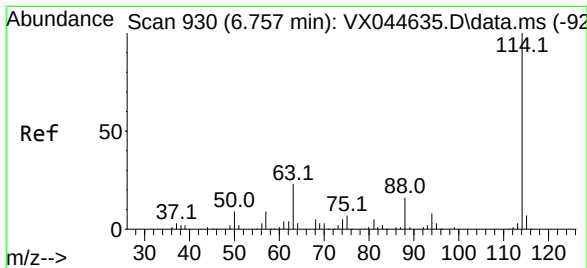
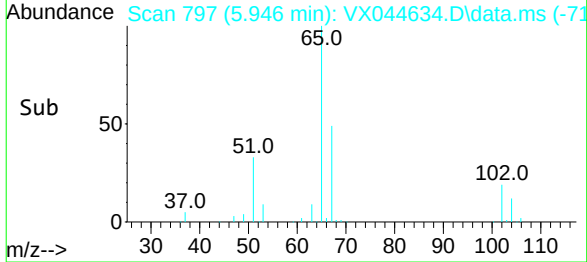
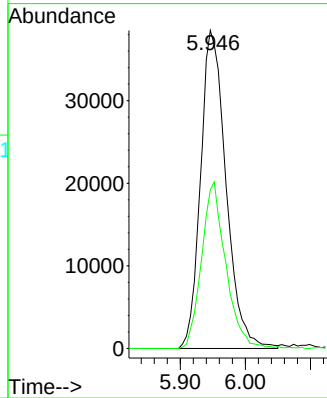
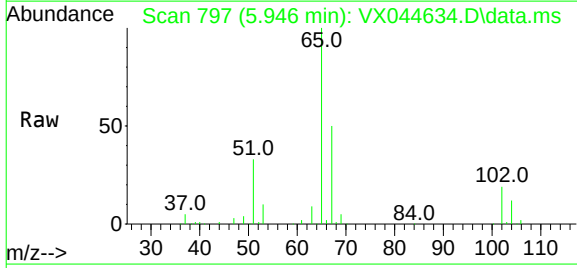
#27
1,2-Dichloroethane-d4
Concen: 38.741 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 104476
Ion Ratio Lower Upper
65 100
67 49.7 39.1 58.7

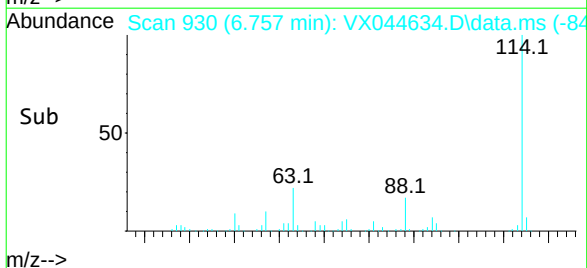
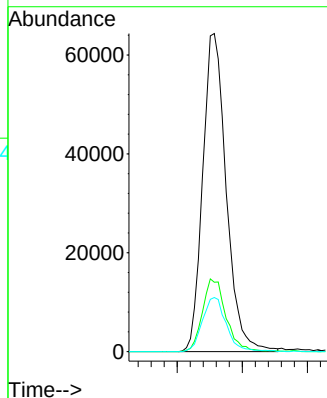
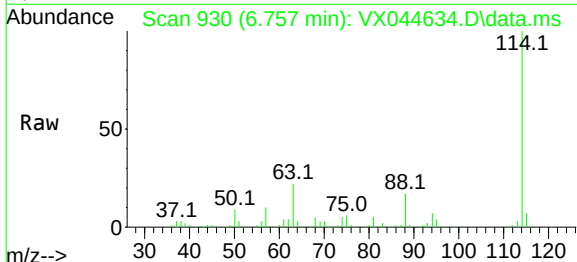
Manual Integrations
APPROVED

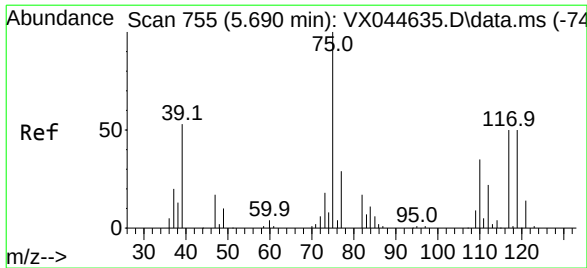
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:114 Resp: 161861
Ion Ratio Lower Upper
114 100
63 22.6 17.7 26.5
88 17.2 13.1 19.7





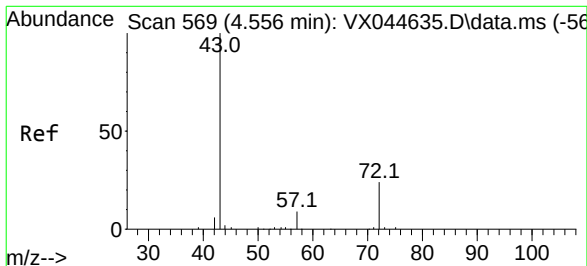
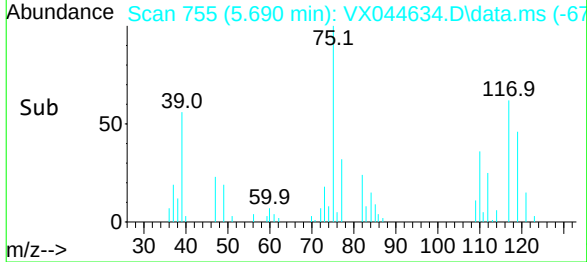
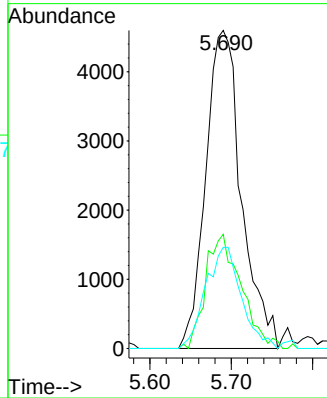
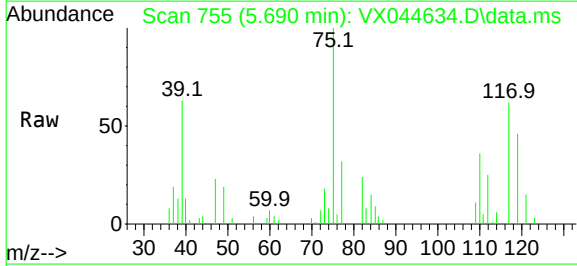
#29
1,1-Dichloropropene
Concen: 5.443 ug/l
RT: 5.690 min Scan# 75
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75	Resp: 13981
Ion Ratio Lower Upper	
75 100	
110 34.8 0.0 67.4	
77 31.9 0.0 62.8	

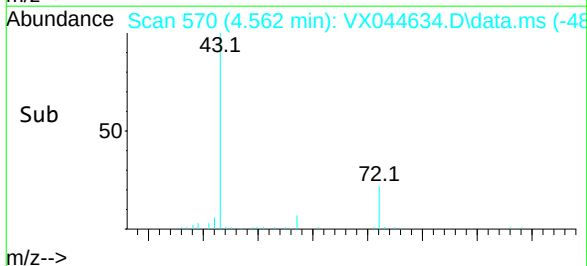
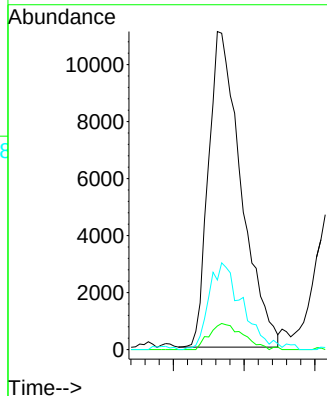
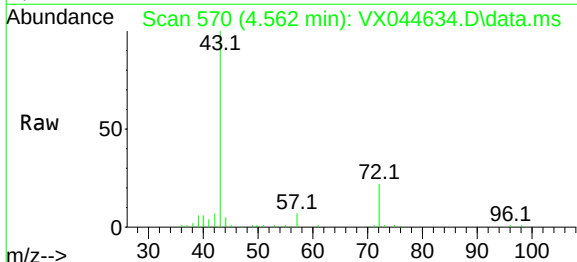
Manual Integrations
APPROVED

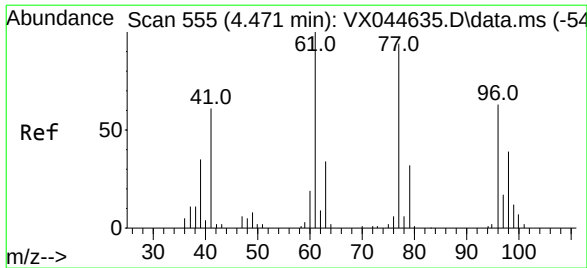
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 20.484 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 43	Resp: 35497
Ion Ratio Lower Upper	
43 100	
57 8.5 6.4 9.6	
72 19.8 19.4 29.2	





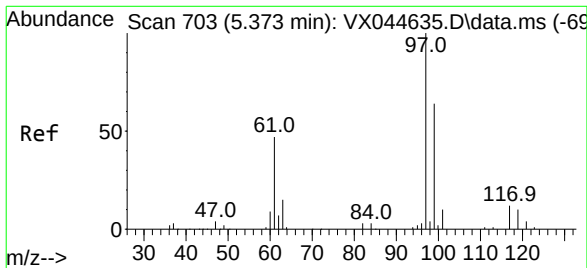
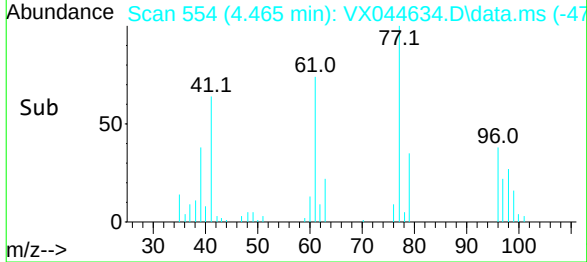
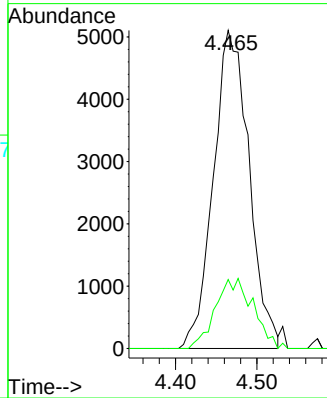
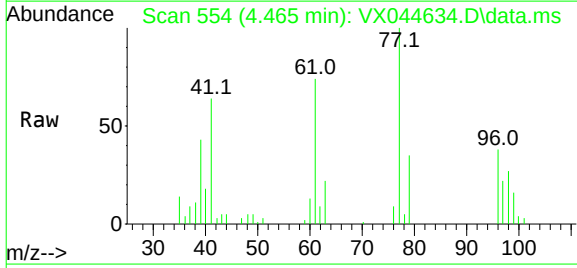
#31
2,2-Dichloropropane
Concen: 4.947 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 15539
Ion Ratio Lower Upper
77 100
97 12.0 9.3 13.9

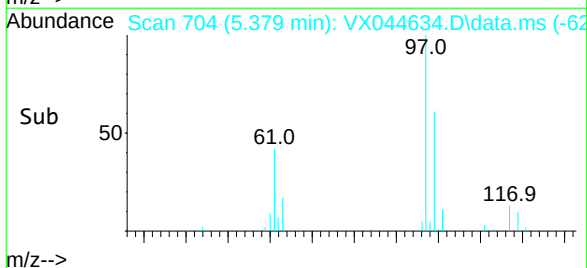
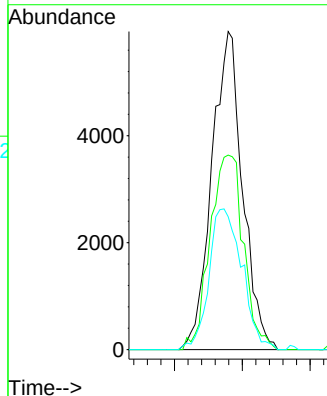
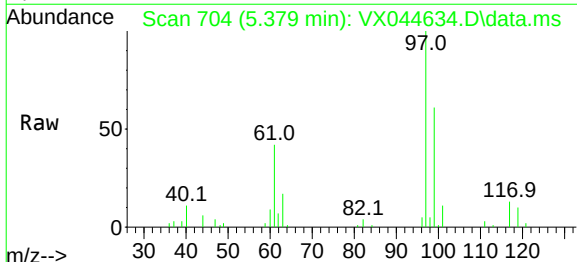
Manual Integrations
APPROVED

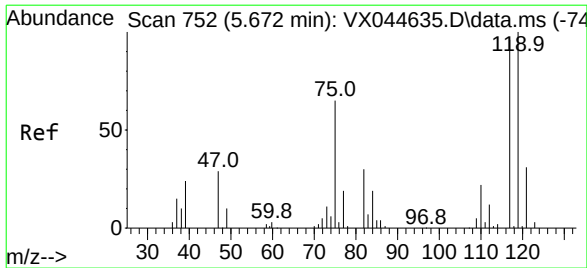
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 5.846 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

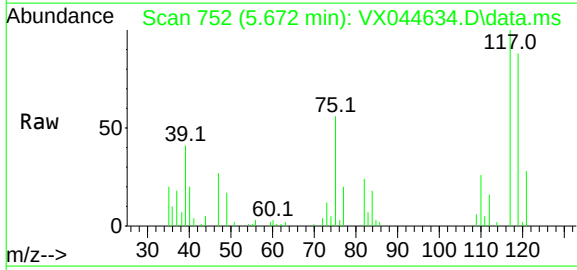
Tgt Ion: 97 Resp: 18734
Ion Ratio Lower Upper
97 100
99 45.9 50.2 75.4#
61 46.8 37.4 56.0





#33
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

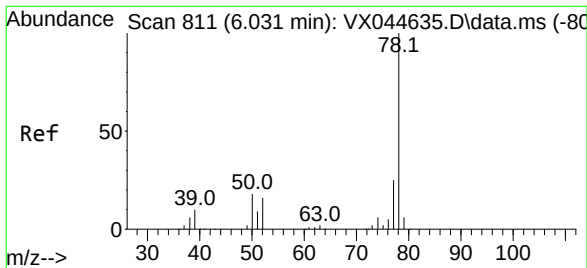
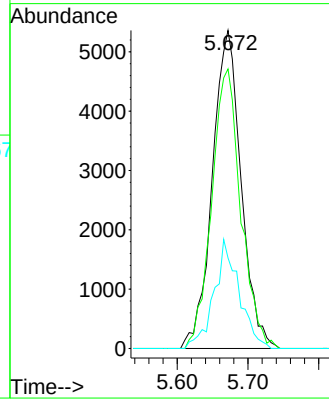
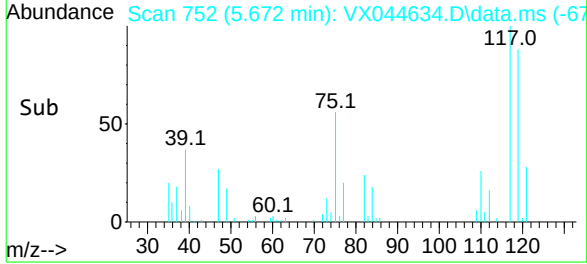
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 15158
Ion Ratio Lower Upper
117 100
119 87.9 83.0 124.6
121 28.5 25.6 38.4

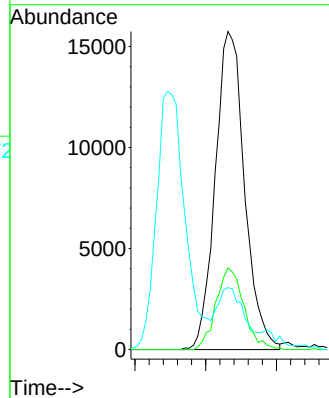
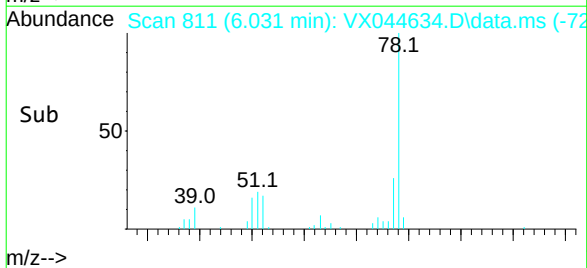
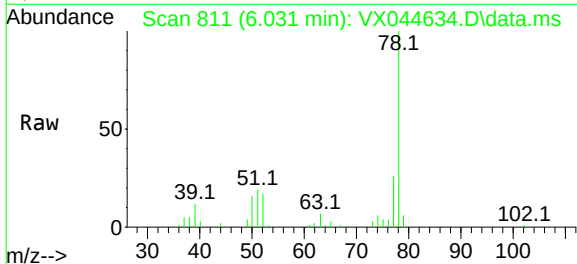
Manual Integrations
APPROVED

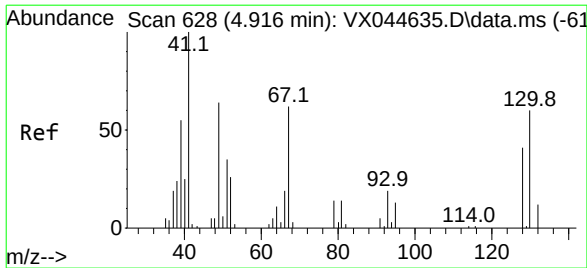
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 5.360 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

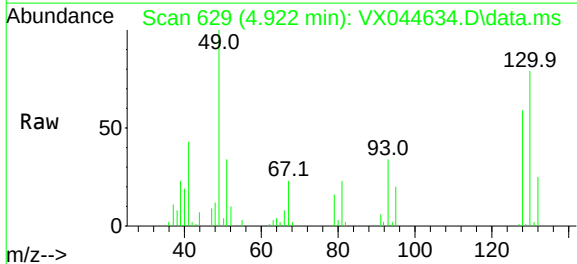
Tgt Ion: 78 Resp: 45235
Ion Ratio Lower Upper
78 100
77 25.7 19.8 29.6
51 15.3 14.5 21.7





#35
Methacrylonitrile
Concen: 4.751 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

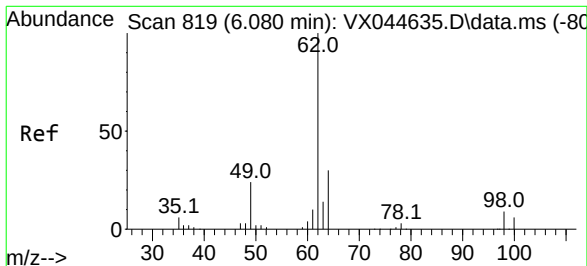
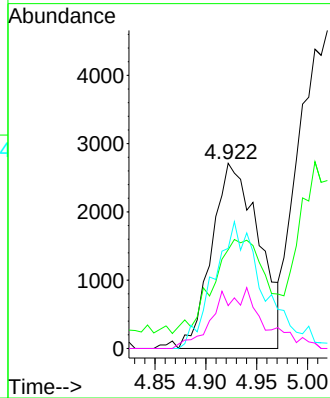
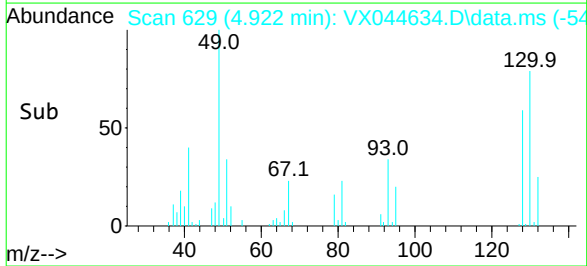
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 8766
Ion Ratio Lower Upper
41 100
39 41.6 27.7 83.0
67 54.1 31.1 93.3
52 20.8 13.1 39.1

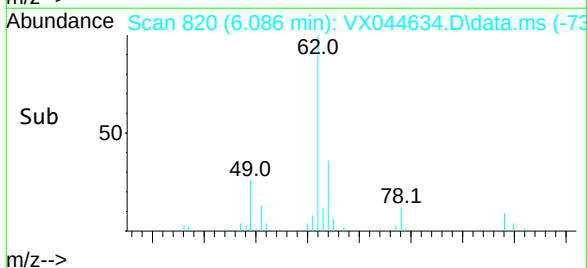
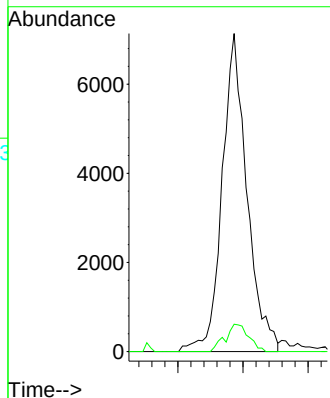
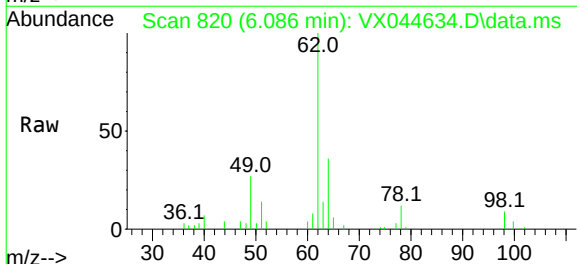
Manual Integrations
APPROVED

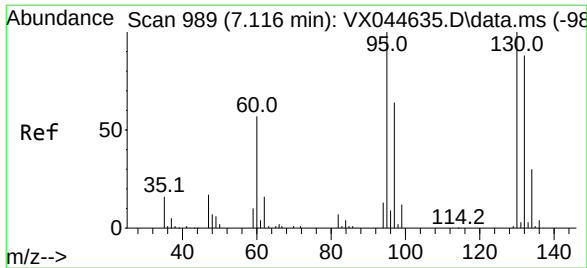
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 6.709 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

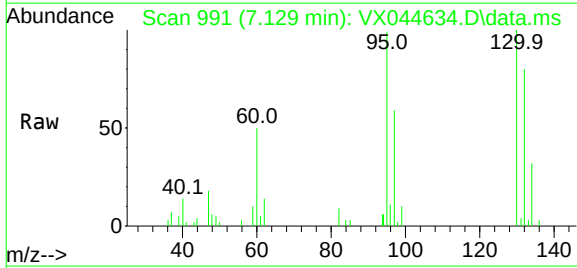
Tgt Ion: 62 Resp: 18902
Ion Ratio Lower Upper
62 100
98 6.4 6.7 10.1#





#37
Trichloroethene
Concen: 5.672 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

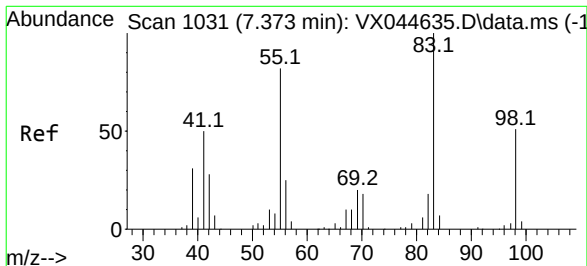
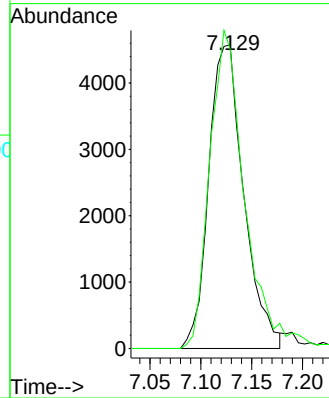
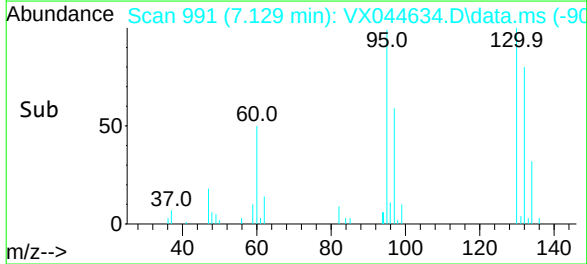
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



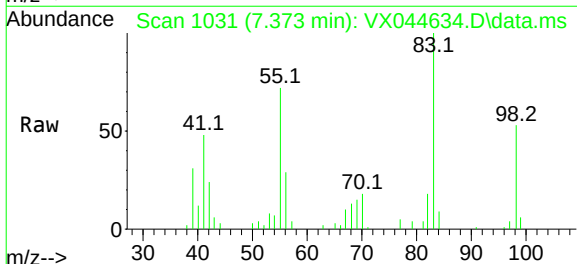
Tgt Ion:130 Resp: 10951
Ion Ratio Lower Upper
130 100
95 98.6 80.2 120.4

Manual Integrations
APPROVED

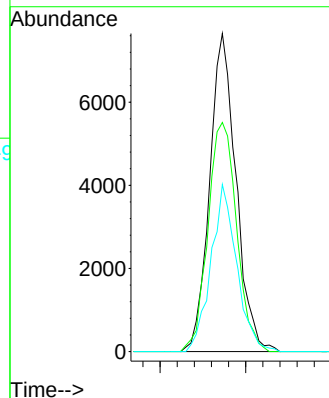
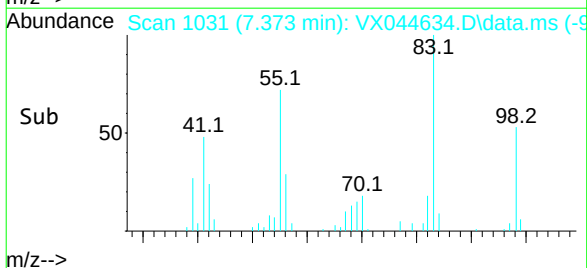
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

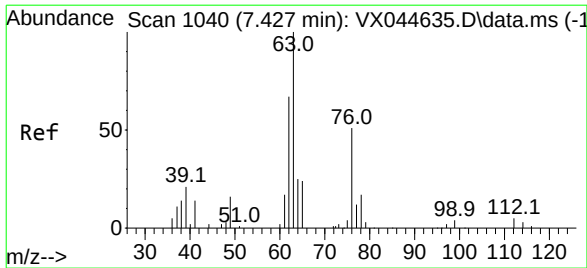


#38
Methylcyclohexane
Concen: 4.761 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



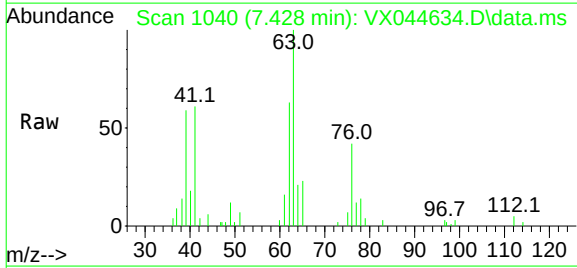
Tgt Ion: 83 Resp: 16388
Ion Ratio Lower Upper
83 100
55 78.1 40.0 120.0
98 51.2 24.4 73.2





#39
1,2-Dichloropropane
Concen: 5.257 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

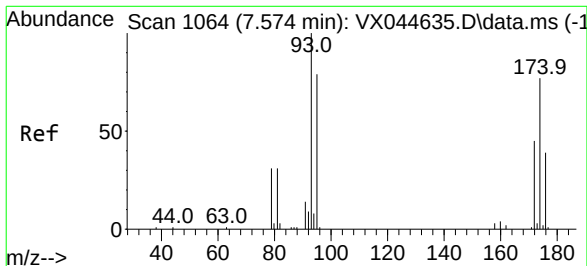
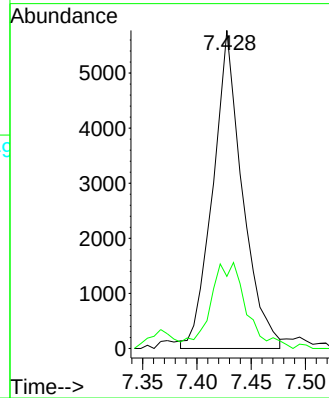
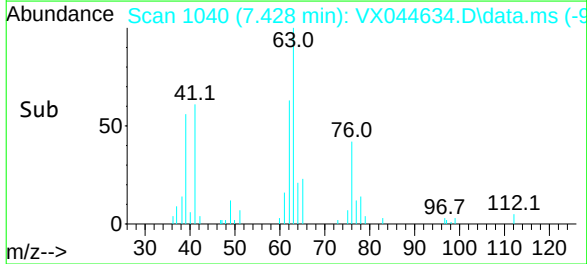
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 10924
Ion Ratio Lower Upper
63 100
65 21.1 21.4 32.0#

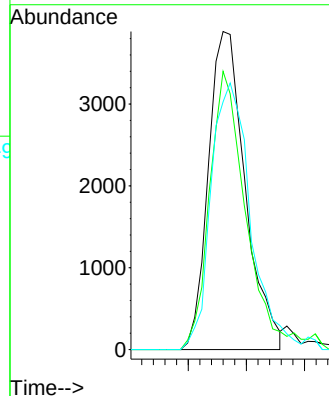
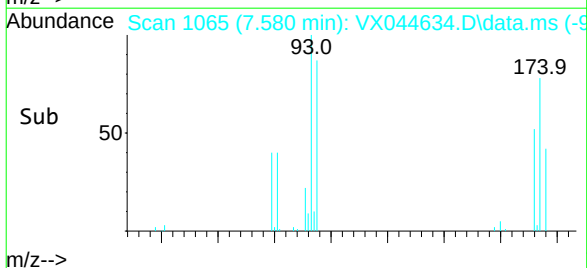
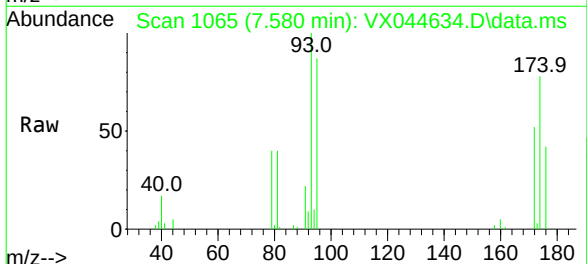
Manual Integrations
APPROVED

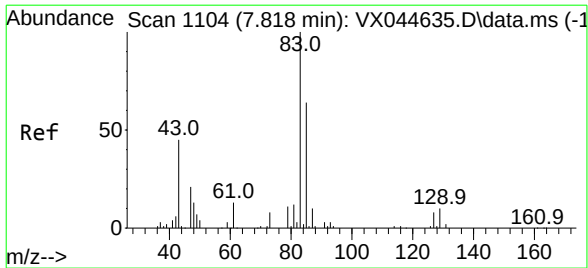
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 5.873 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

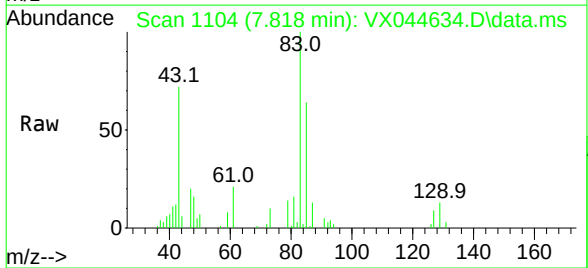
Tgt Ion: 93 Resp: 8573
Ion Ratio Lower Upper
93 100
95 86.0 0.0 165.2
174 89.8 0.0 176.2





#41
 Bromodichloromethane
 Concen: 5.117 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

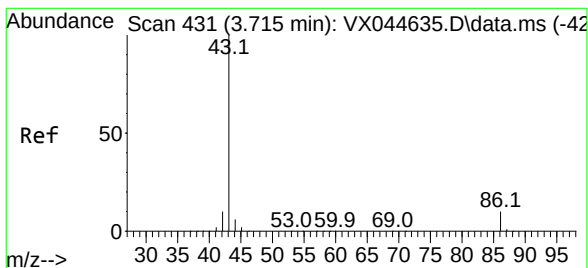
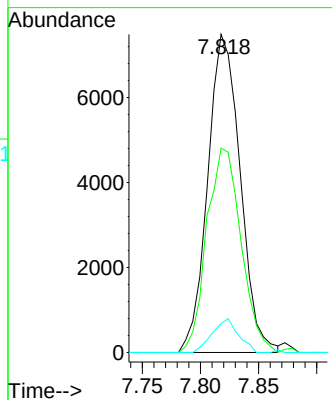
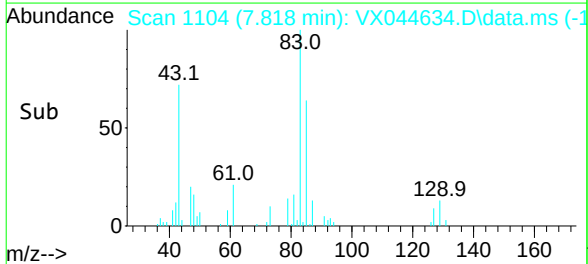
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:	83	Resp:	14554
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2
127	9.1	6.6	9.8

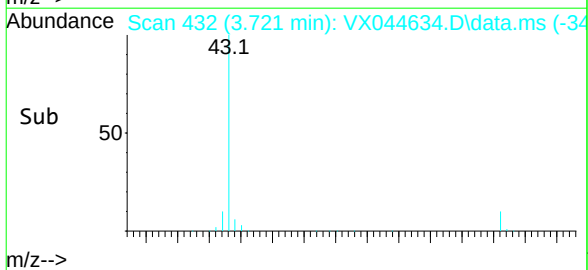
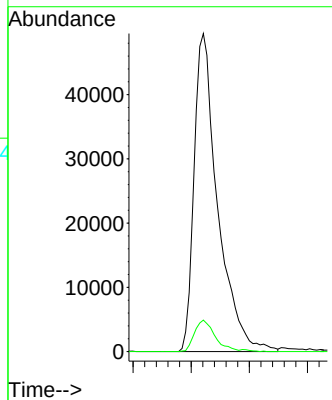
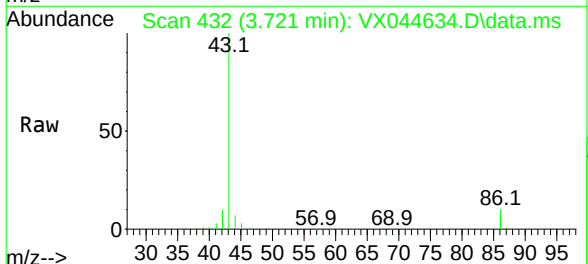
Manual Integrations
 APPROVED

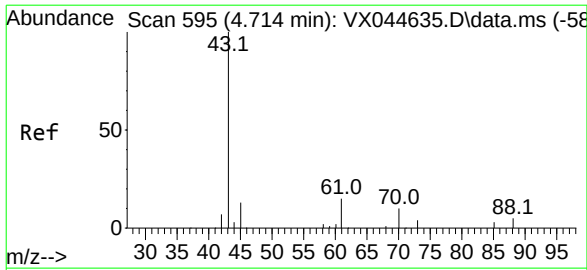
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#42
 Vinyl Acetate
 Concen: 18.225 ug/l
 RT: 3.721 min Scan# 432
 Delta R.T. 0.006 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

Tgt Ion:	43	Resp:	139717
Ion	Ratio	Lower	Upper
43	100		
86	8.6	7.1	10.7





#43

Ethyl Acetate

Concen: 4.909 ug/l m

RT: 4.715 min Scan# 59

Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 16434

Ion Ratio Lower Upper

43 100

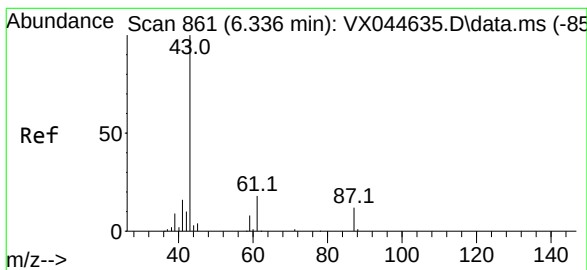
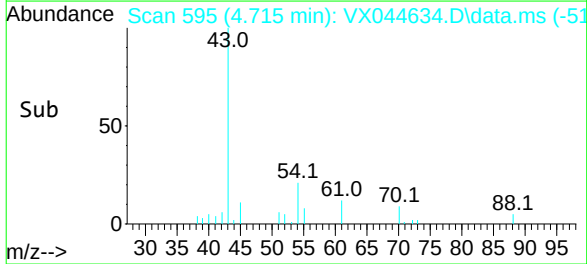
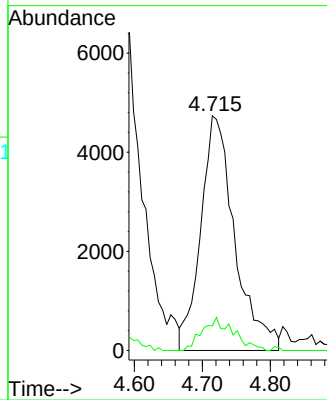
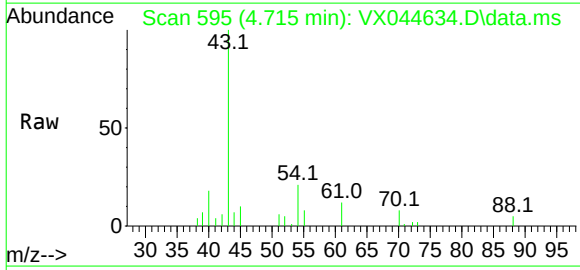
45 0.1 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 4.420 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX044634.D

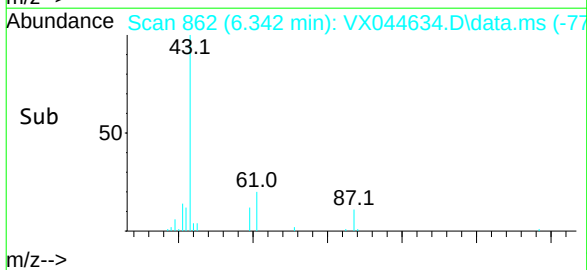
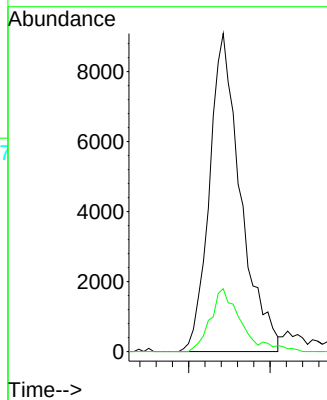
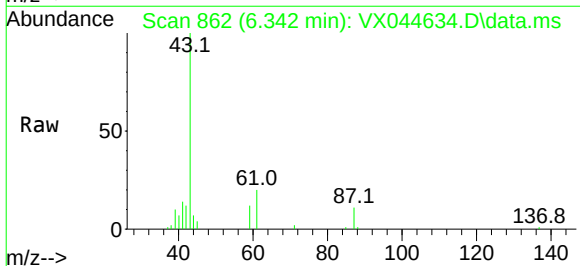
Acq: 09 Jan 2025 00:09

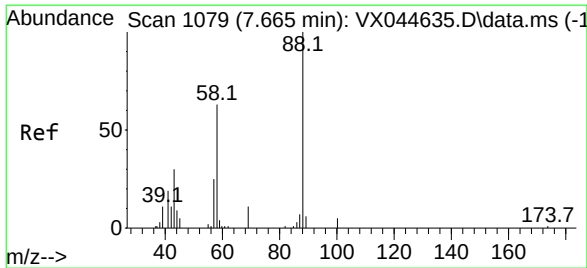
Tgt Ion: 43 Resp: 24179

Ion Ratio Lower Upper

43 100

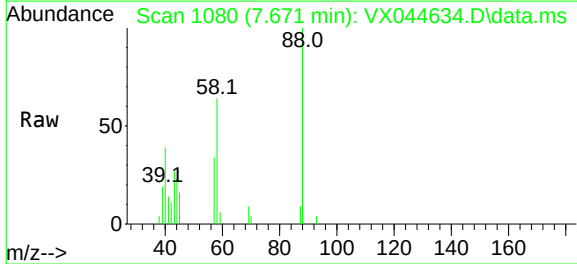
61 17.7 14.2 21.2





#45
1,4-Dioxane
Concen: 74.450 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

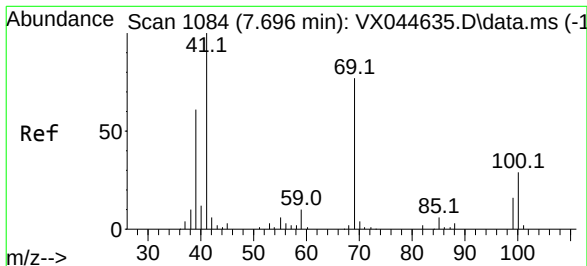
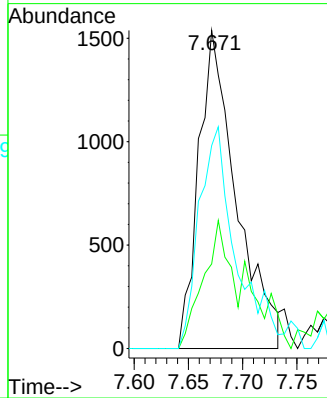
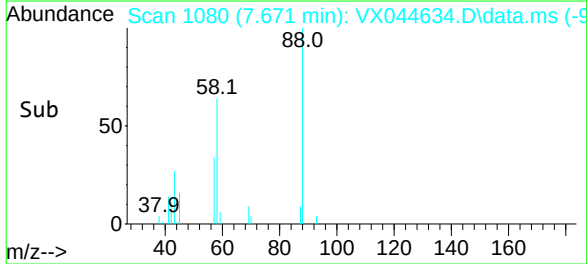
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 3726
Ion Ratio Lower Upper
88 100
43 29.1 31.0 46.4#
58 57.5 56.6 84.8

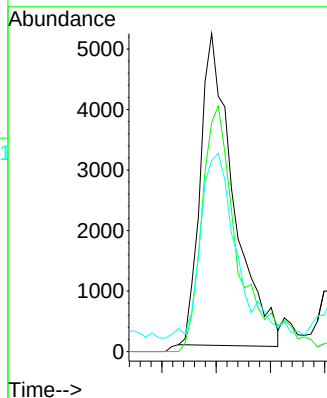
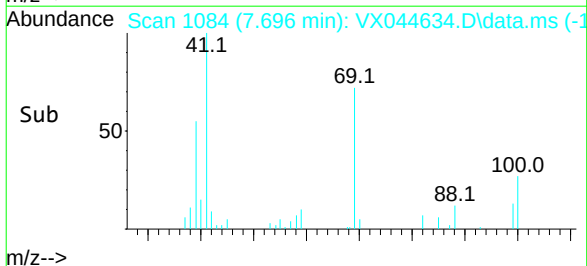
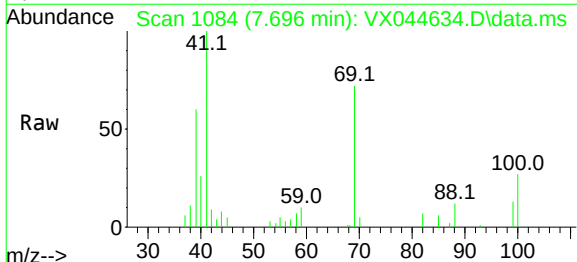
Manual Integrations
APPROVED

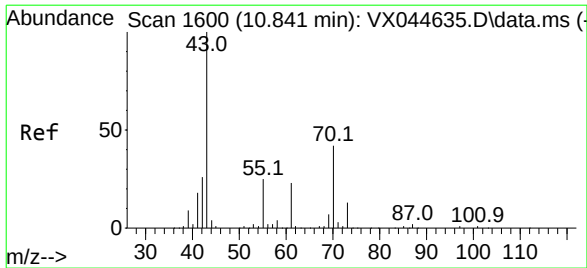
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#46
Methyl methacrylate
Concen: 4.177 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 41 Resp: 10975
Ion Ratio Lower Upper
41 100
69 73.7 38.6 115.8
39 53.9 30.7 92.1





#47

n-amy1 Acetate

Concen: 3.645 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 17286

Ion Ratio Lower Upper

43 100

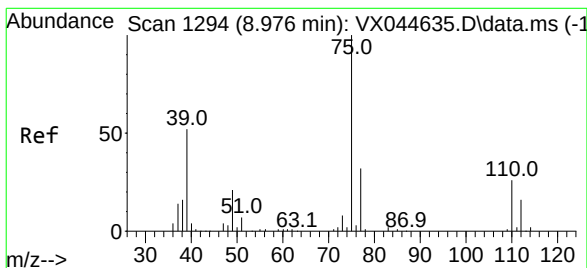
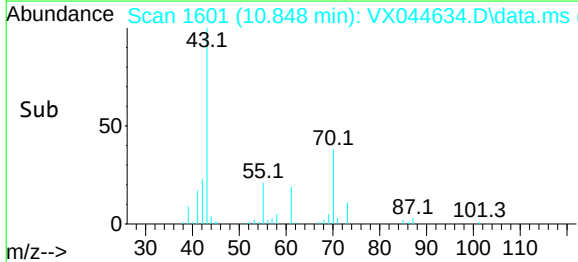
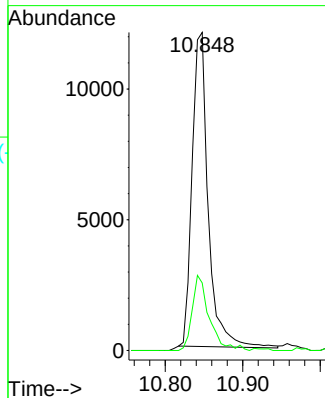
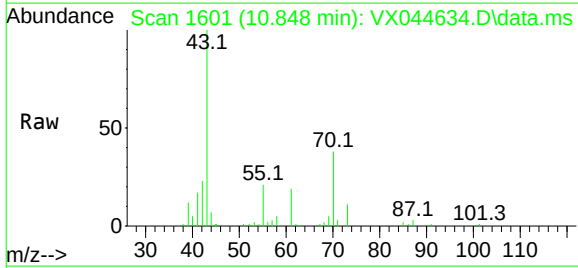
55 24.1 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 4.399 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX044634.D

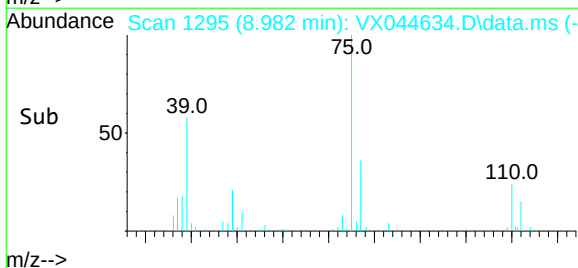
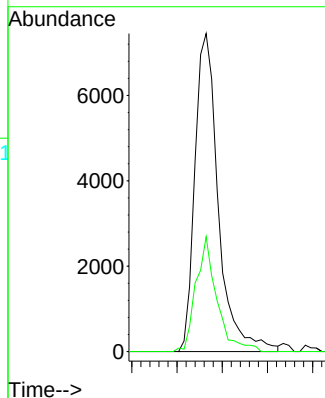
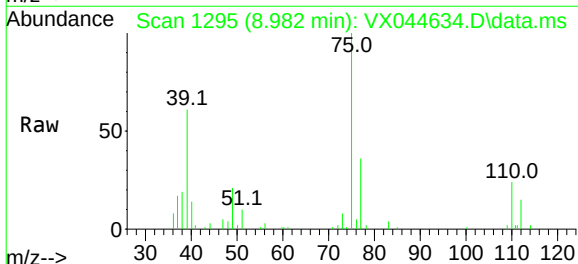
Acq: 09 Jan 2025 00:09

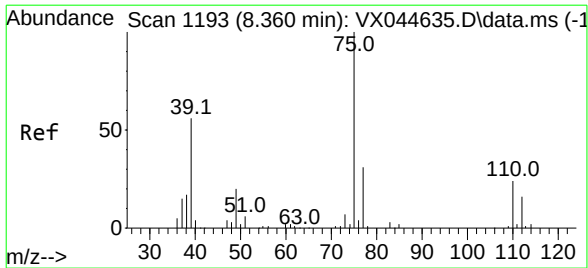
Tgt Ion: 75 Resp: 13408

Ion Ratio Lower Upper

75 100

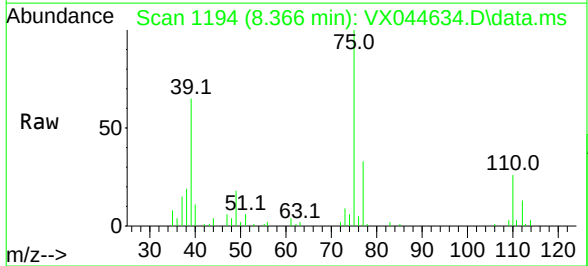
77 36.1 25.7 38.5





#49
cis-1,3-Dichloropropene
Concen: 4.432 ug/l
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

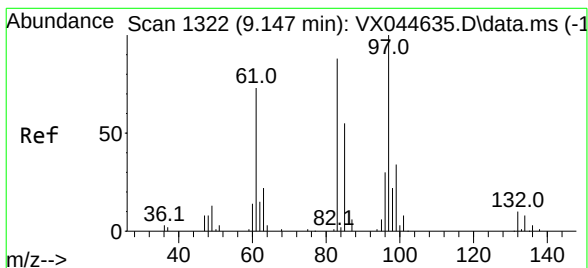
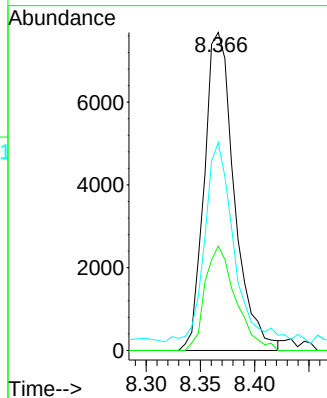
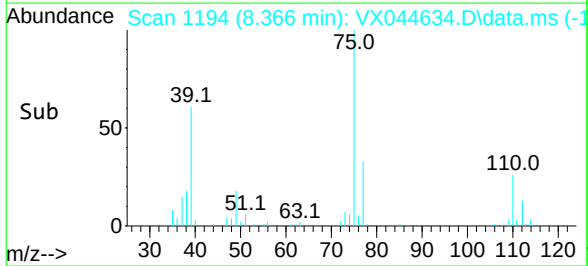
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



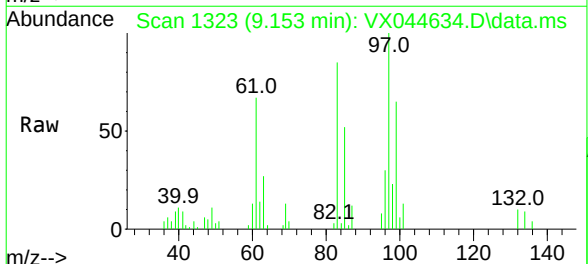
Tgt Ion: 75 Resp: 14801
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7
39 61.6 44.8 67.2

Manual Integrations
APPROVED

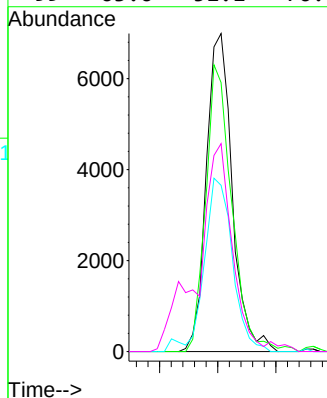
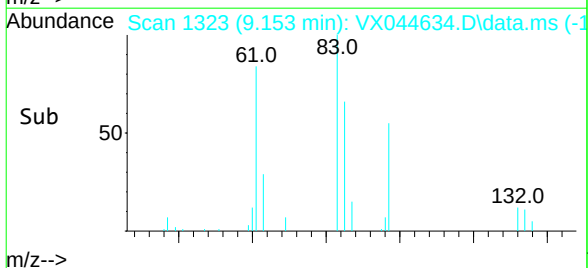
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

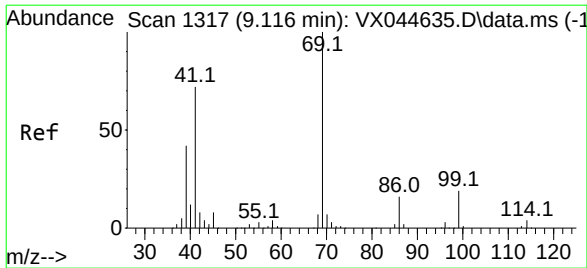


#50
1,1,2-Trichloroethane
Concen: 5.501 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



Tgt Ion: 97 Resp: 10820
Ion Ratio Lower Upper
97 100
83 84.6 70.5 105.7
85 52.3 45.4 68.2
99 63.6 51.1 76.7





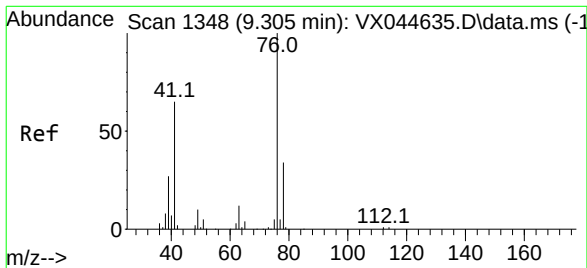
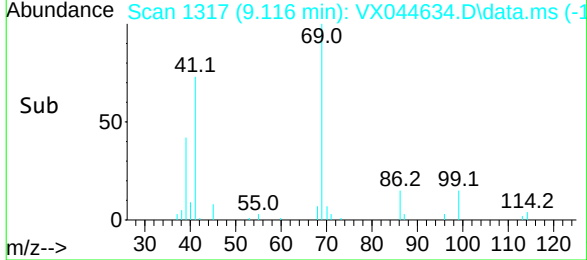
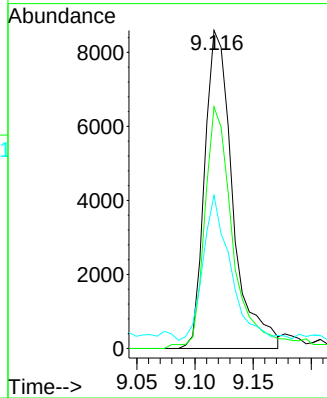
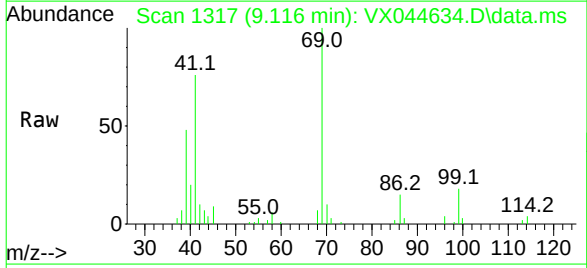
#51
Ethyl methacrylate
Concen: 4.067 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 14432
Ion Ratio Lower Upper
69 100
41 74.8 35.8 107.4
39 45.6 21.0 63.0

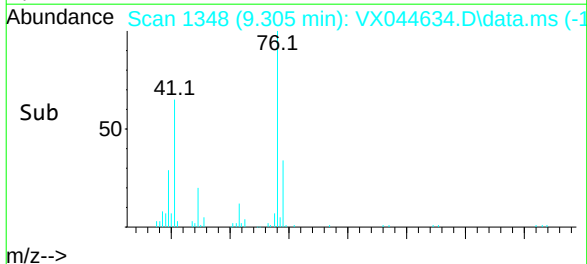
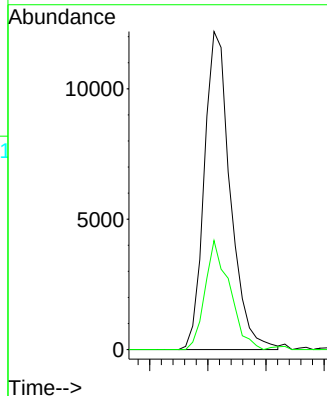
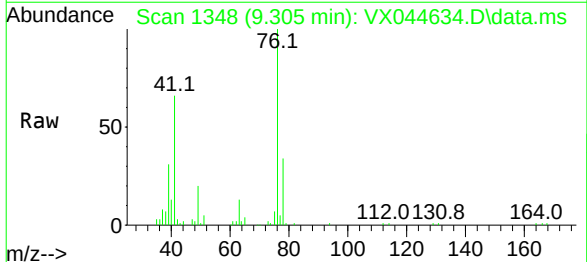
Manual Integrations
APPROVED

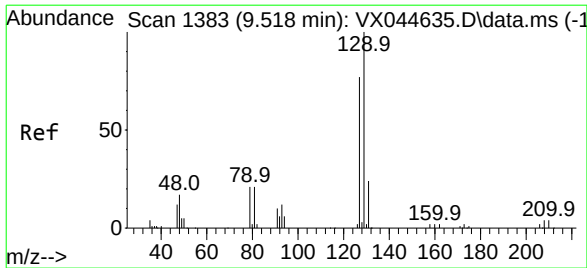
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 5.504 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

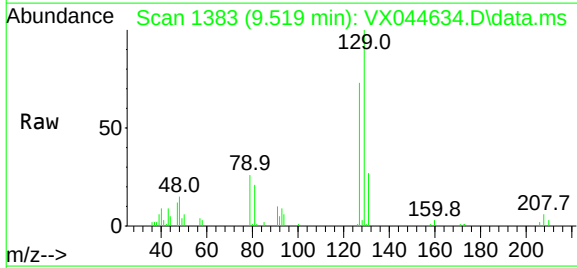
Tgt Ion: 76 Resp: 18987
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.0





#53
Dibromochloromethane
Concen: 4.495 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

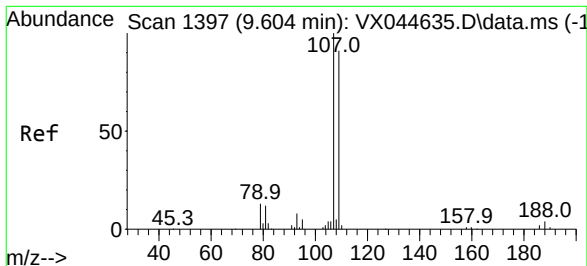
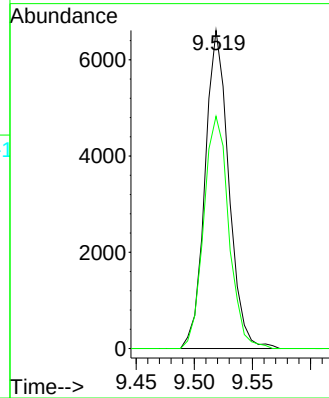
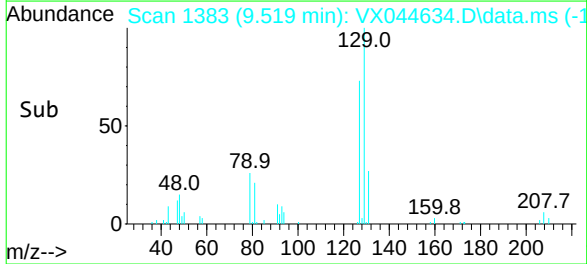
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 9394
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9

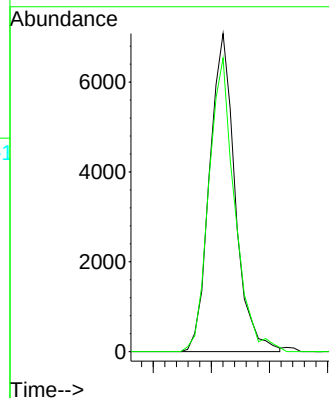
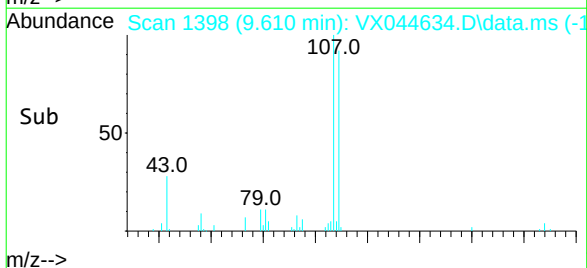
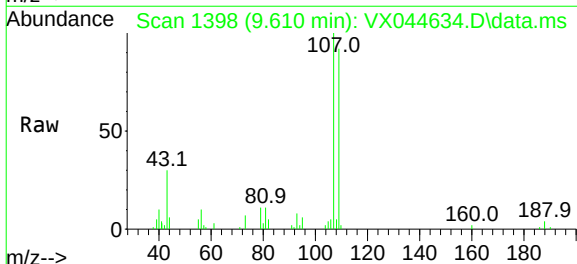
Manual Integrations
APPROVED

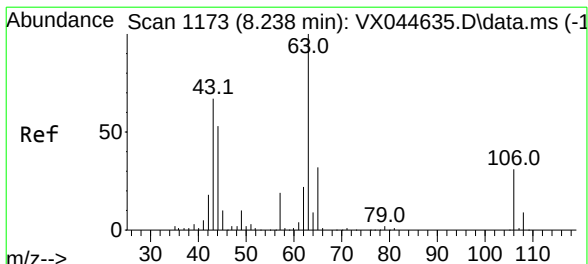
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#54
1,2-Dibromoethane
Concen: 5.279 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:107 Resp: 10769
Ion Ratio Lower Upper
107 100
109 92.2 73.9 110.9





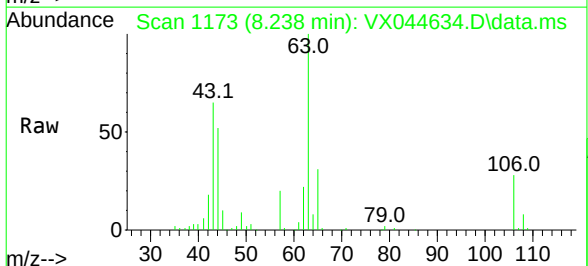
#55
 2-Chloroethyl vinyl ether
 Concen: 22.536 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

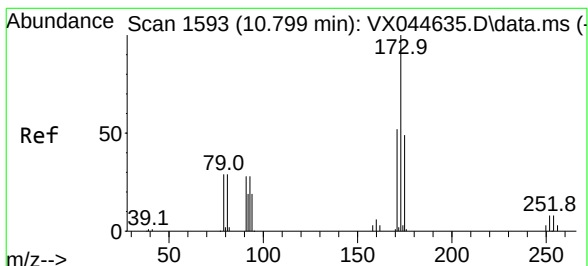
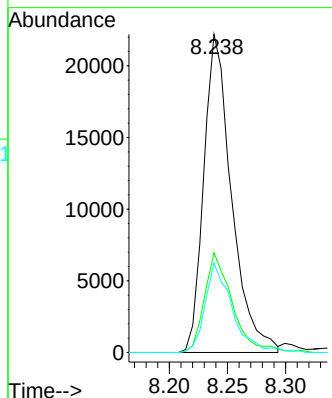
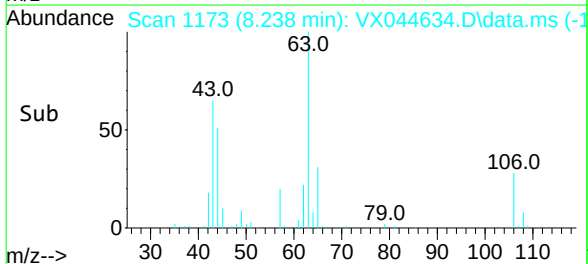
VSTDIC005



Tgt Ion:	63	Resp:	36905
Ion	Ratio	Lower	Upper
63	100		
65	30.4	26.1	39.1
106	26.7	22.6	33.8

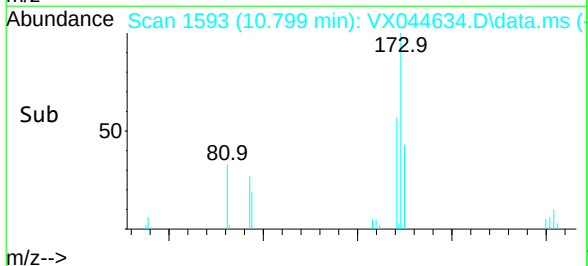
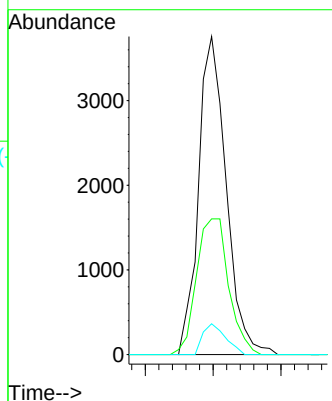
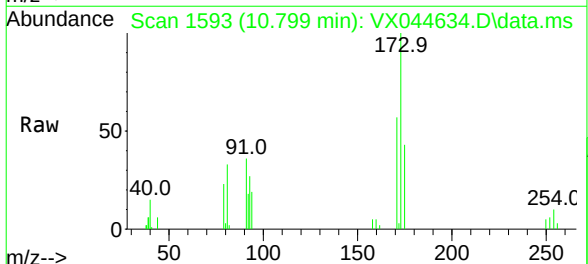
Manual Integrations
 APPROVED

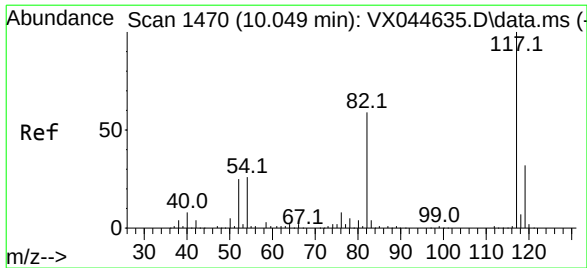
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#56
 Bromoform
 Concen: 3.789 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX044634.D
 Acq: 09 Jan 2025 00:09

Tgt Ion:	173	Resp:	5330
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.1	58.7
254	8.0	5.8	8.8





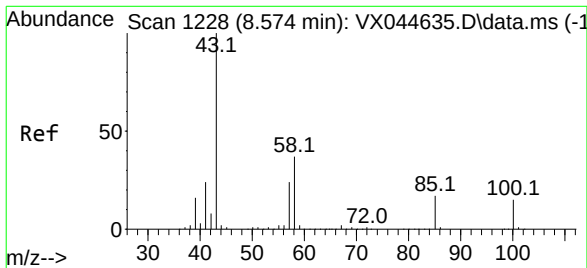
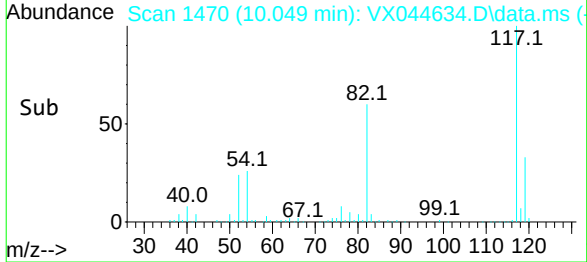
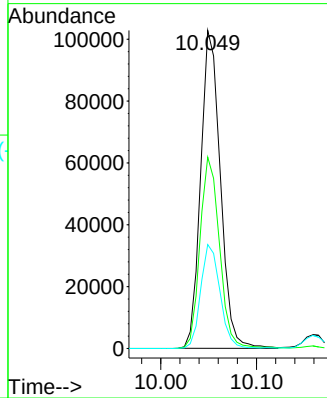
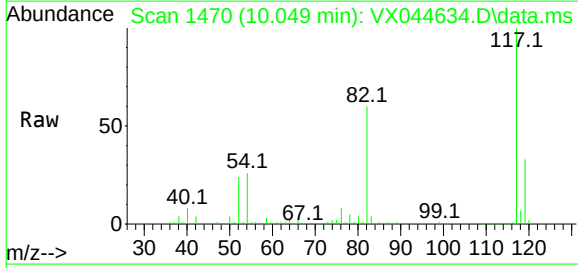
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	117	Resp:	146897
Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.2	69.4
119	32.1	25.5	38.3

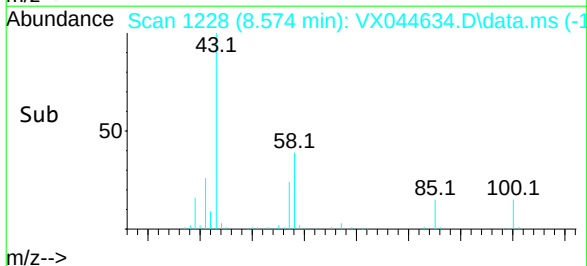
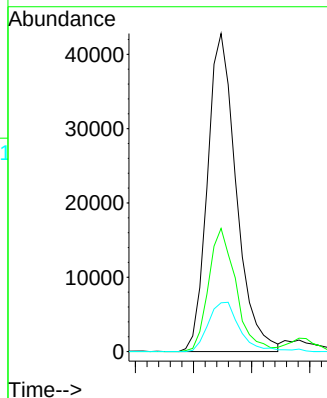
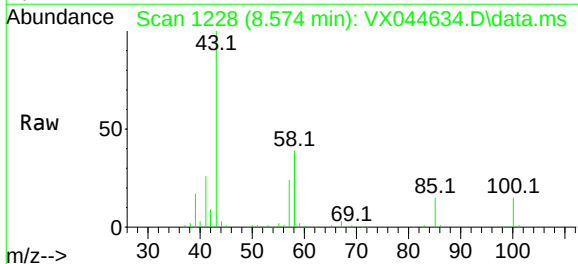
Manual Integrations
APPROVED

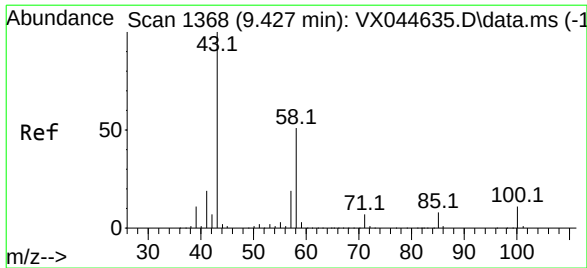
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
4-Methyl-2-Pentanone
Concen: 22.194 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:	43	Resp:	73739
Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.4	44.0
85	16.9	13.4	20.2





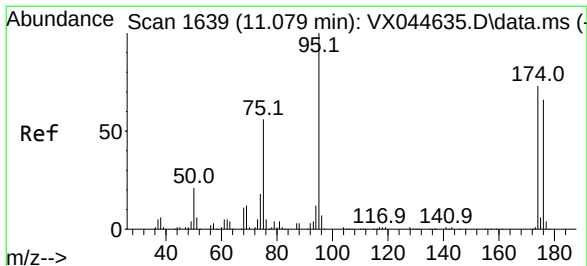
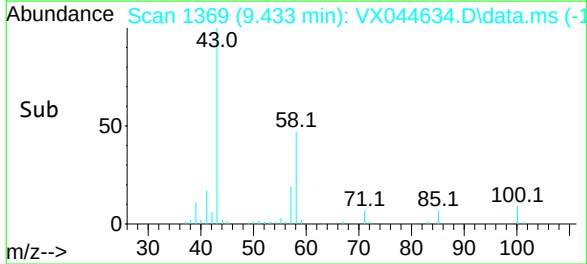
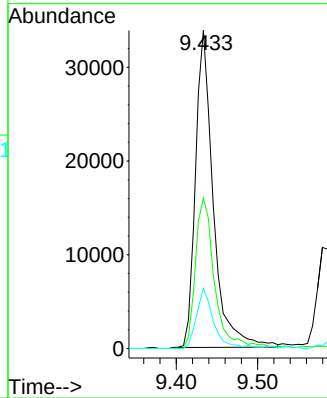
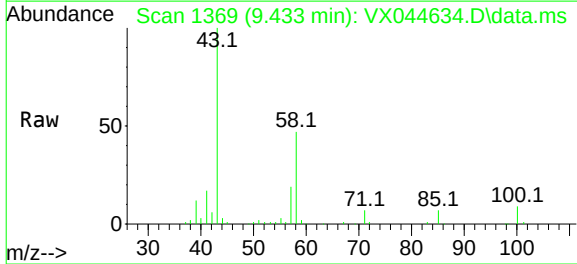
#59
2-Hexanone
Concen: 20.109 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.2	40.8	61.2
57	17.9	15.2	22.8

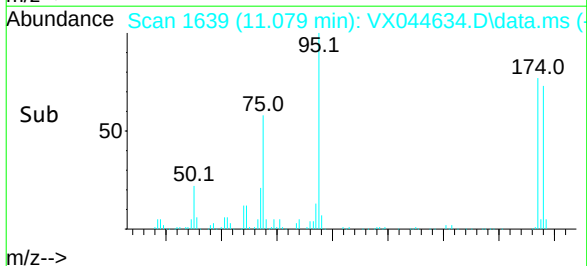
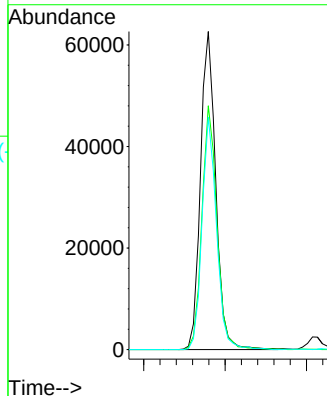
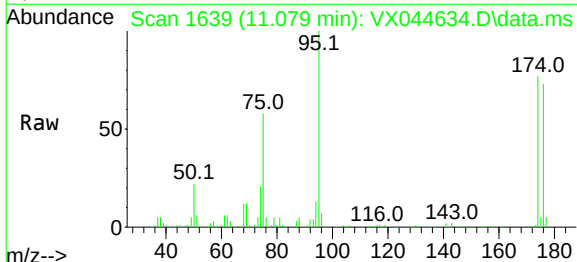
Manual Integrations
APPROVED

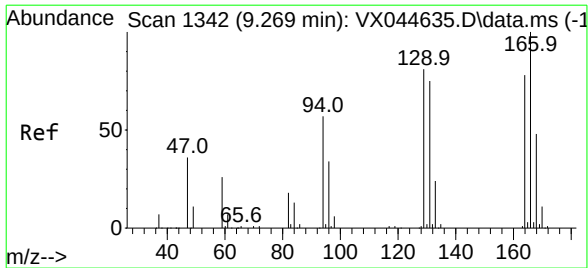
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 31.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

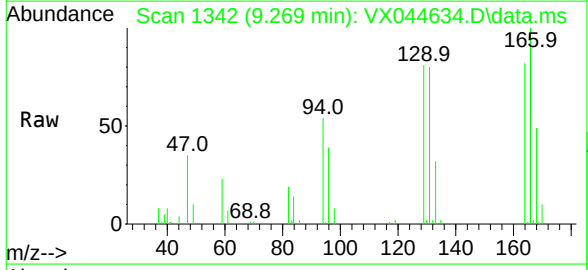
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.0	58.6	88.0
176	69.2	55.2	82.8





#61
Tetrachloroethene
Concen: 5.997 ug/l
RT: 9.269 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

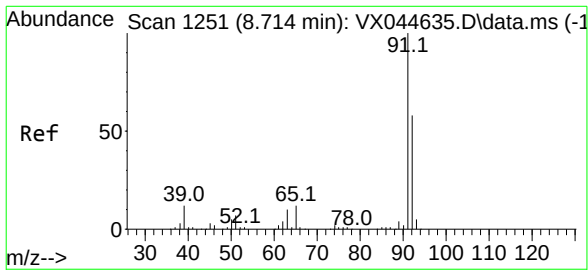
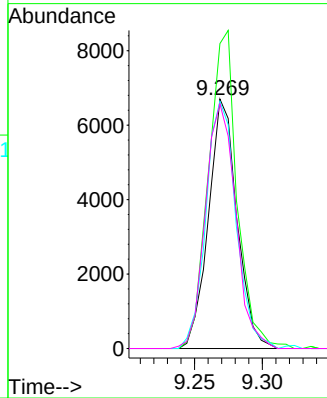
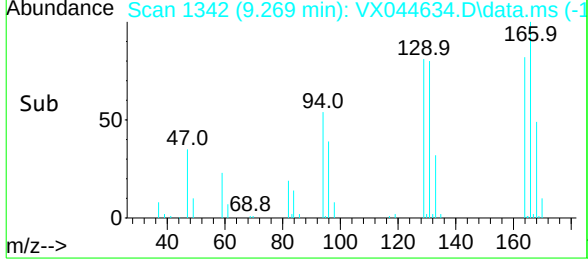
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



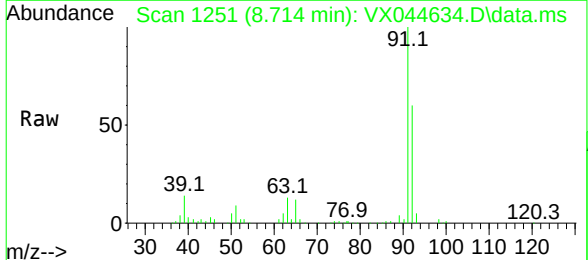
Tgt Ion: 164 Resp: 9809
Ion Ratio Lower Upper
164 100
166 122.2 102.7 154.1
129 99.1 83.6 125.4
131 98.1 77.4 116.0

Manual Integrations
APPROVED

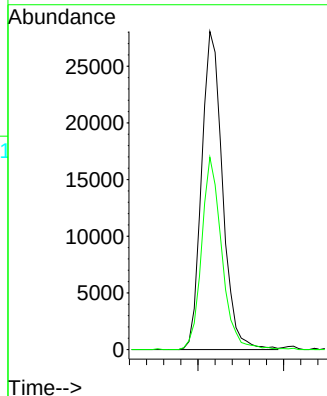
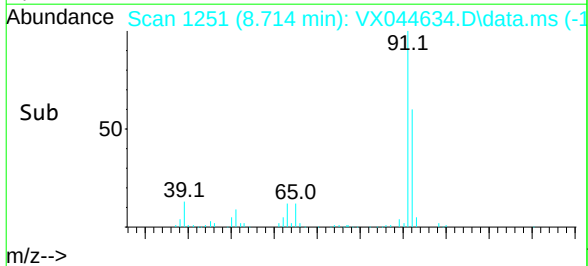
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

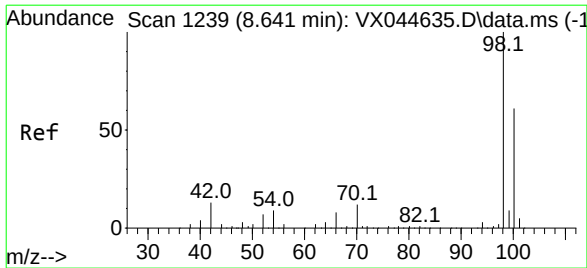


#62
Toluene
Concen: 5.497 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



Tgt Ion: 91 Resp: 47624
Ion Ratio Lower Upper
91 100
92 58.3 46.4 69.6





#63

Toluene-d8

Concen: 35.545 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 98 Resp: 250234

Ion Ratio Lower Upper

98 100

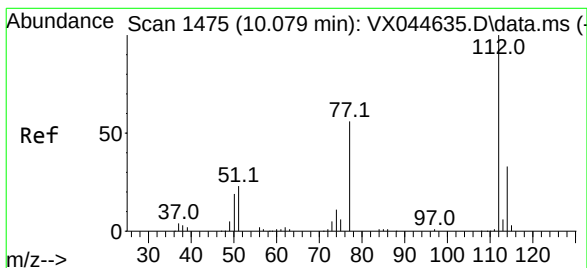
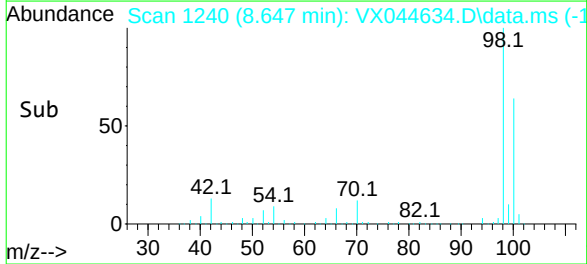
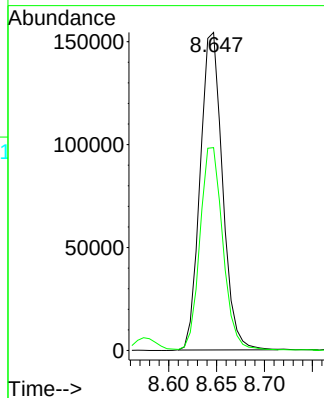
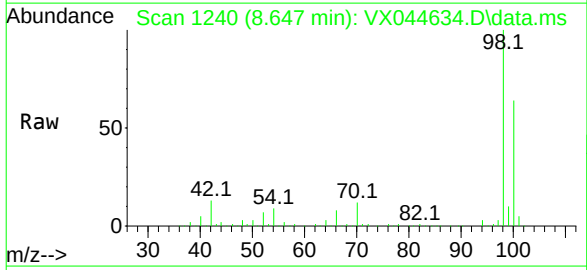
100 65.9 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#64

Chlorobenzene

Concen: 5.608 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044634.D

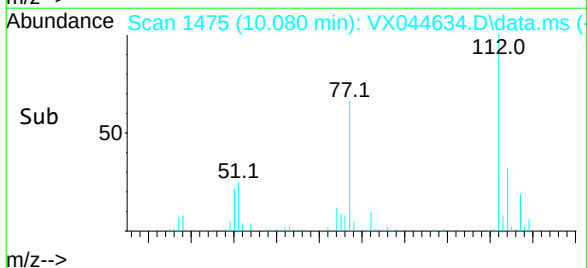
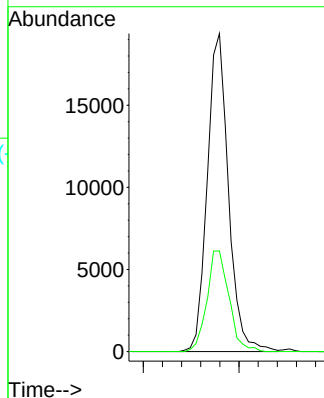
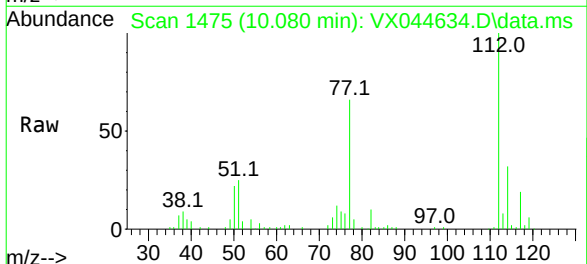
Acq: 09 Jan 2025 00:09

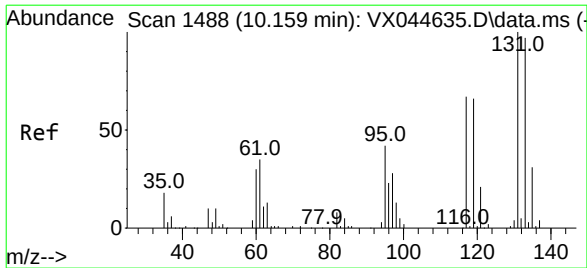
Tgt Ion:112 Resp: 29744

Ion Ratio Lower Upper

112 100

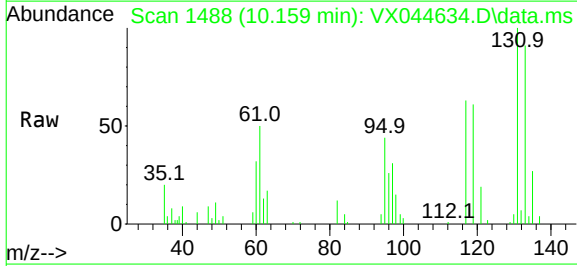
114 31.6 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 5.189 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

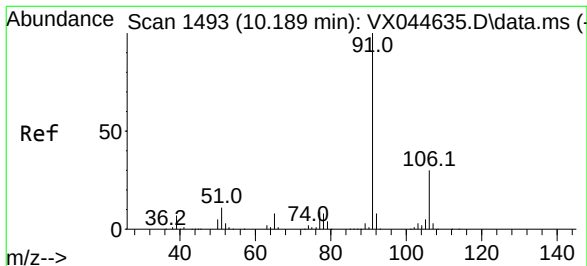
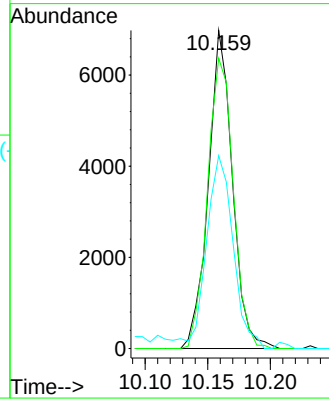
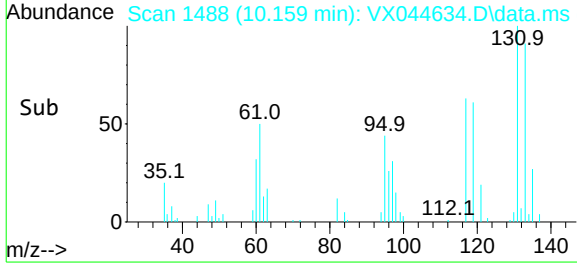
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



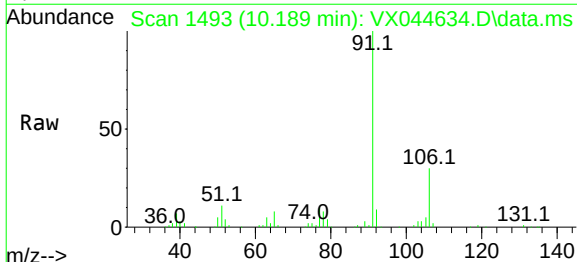
Tgt Ion: 131 Resp: 9367
Ion Ratio Lower Upper
131 100
133 97.4 0.0 194.0
119 65.6 0.0 132.0

Manual Integrations
APPROVED

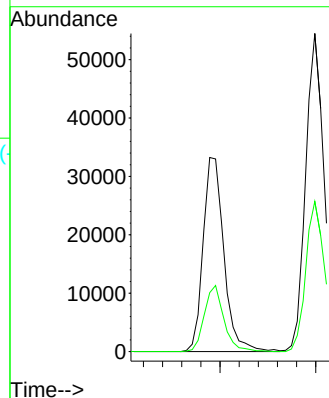
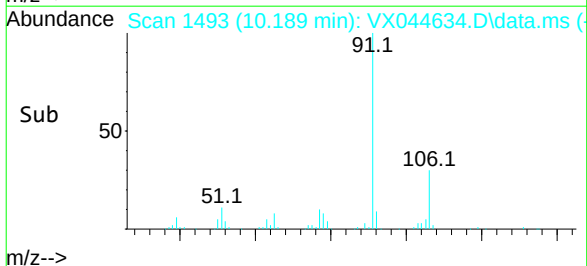
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

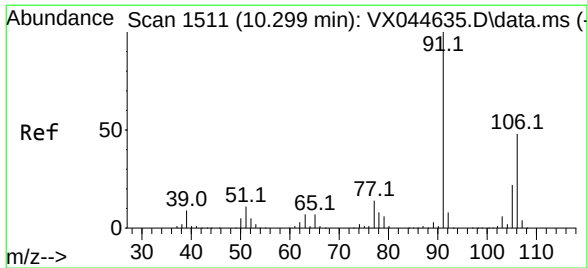


#66
Ethyl Benzene
Concen: 5.360 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



Tgt Ion: 91 Resp: 50259
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1





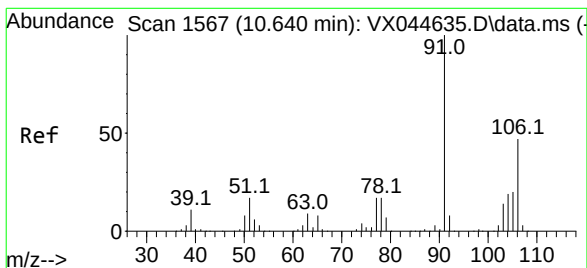
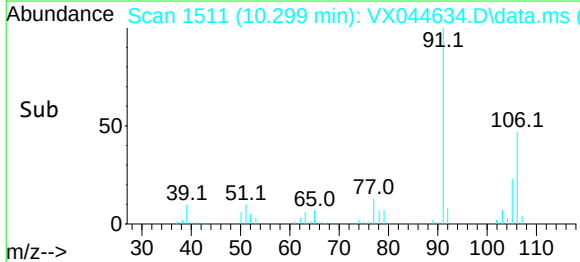
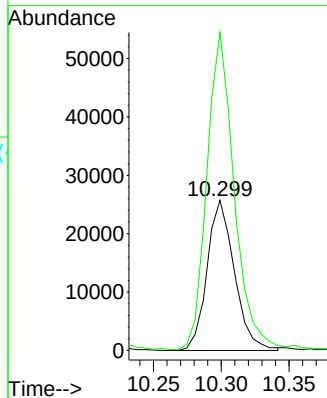
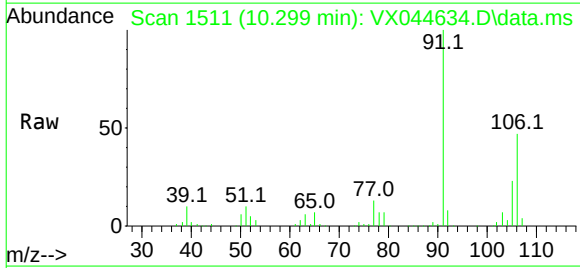
#67
m/p-Xylenes
Concen: 10.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 36118
Ion Ratio Lower Upper
106 100
91 212.3 167.9 251.9

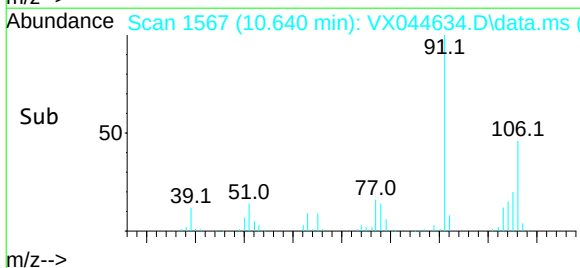
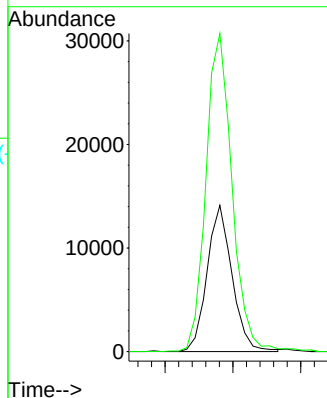
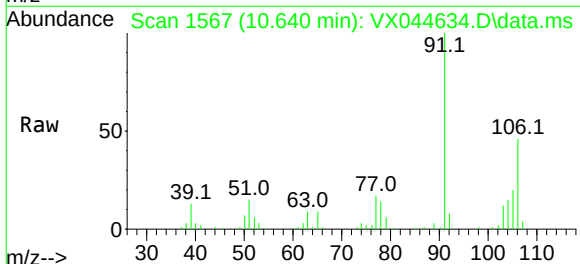
Manual Integrations
APPROVED

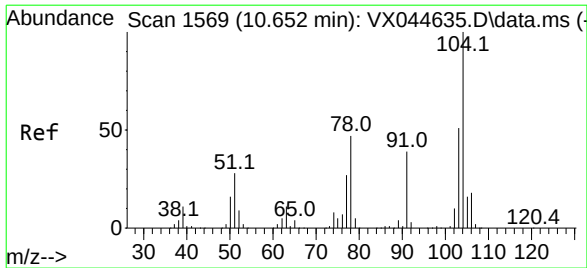
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 5.121 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:106 Resp: 18084
Ion Ratio Lower Upper
106 100
91 225.4 112.3 336.9





#69

Styrene

Concen: 4.948 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

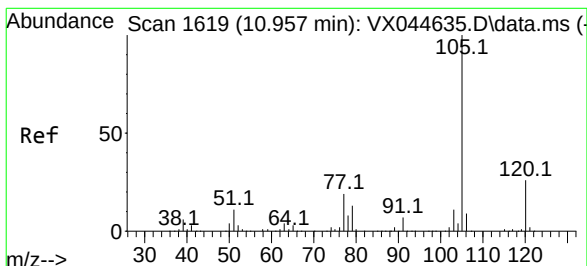
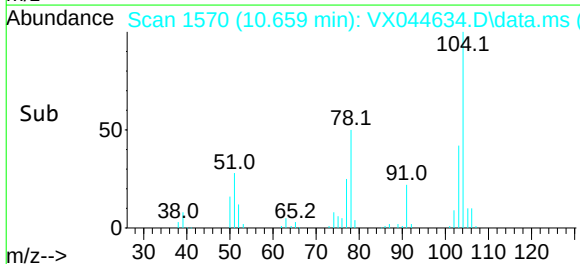
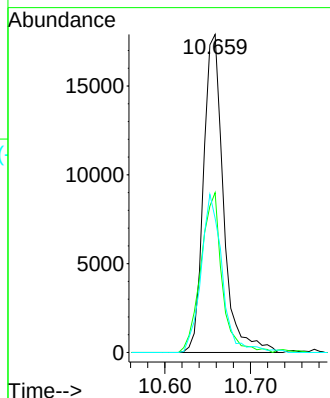
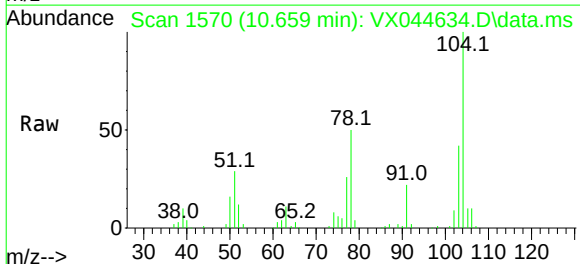
ClientSampleId :

VSTDICC005

Tgt Ion:	104	Resp:	28990
Ion Ratio	Lower	Upper	
104	100		
78	52.3	43.7	65.5
103	51.3	43.7	65.5

Manual Integrations
APPROVED

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



#70

Isopropylbenzene

Concen: 5.372 ug/l

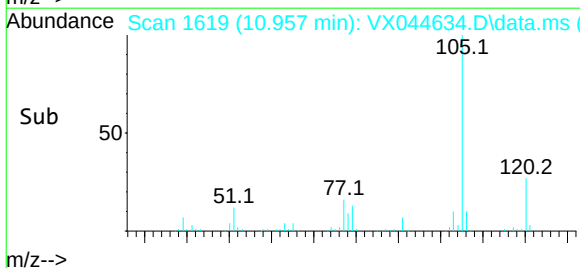
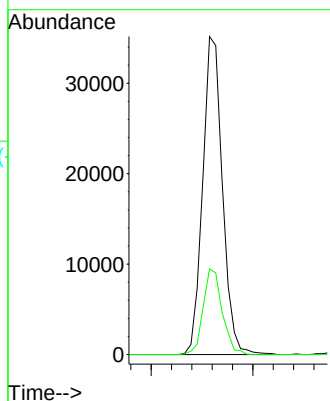
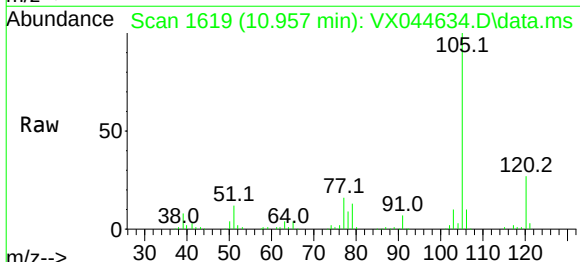
RT: 10.957 min Scan# 1619

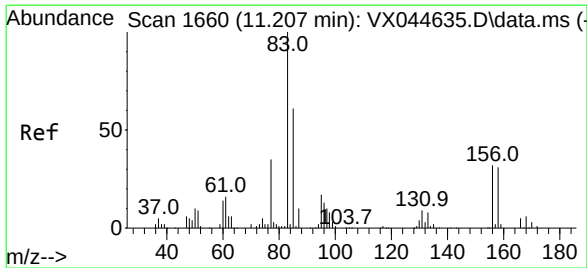
Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

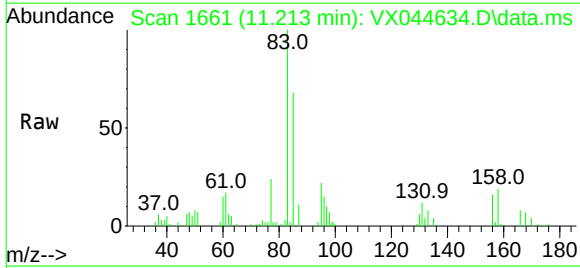
Tgt Ion:	105	Resp:	47468
Ion Ratio	Lower	Upper	
105	100		
120	25.9	17.5	32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 4.814 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

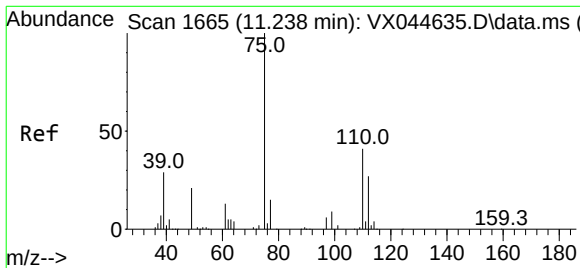
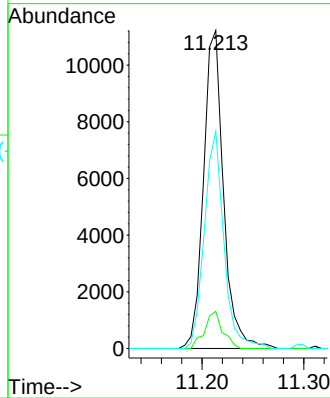
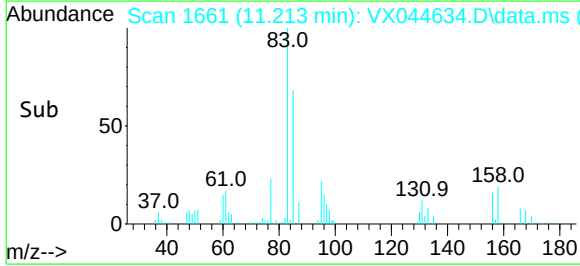
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	66.8	32.0	96.0

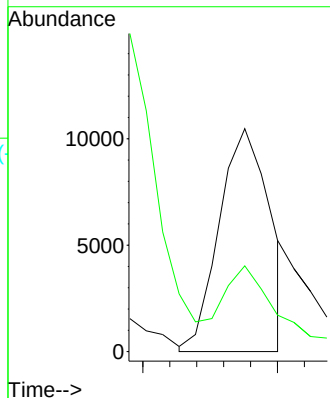
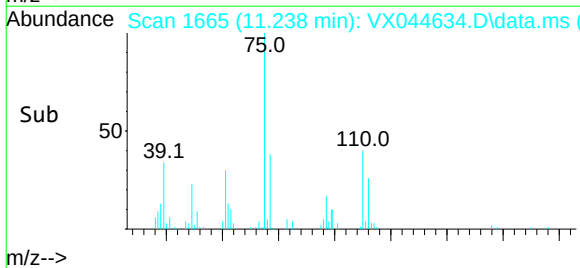
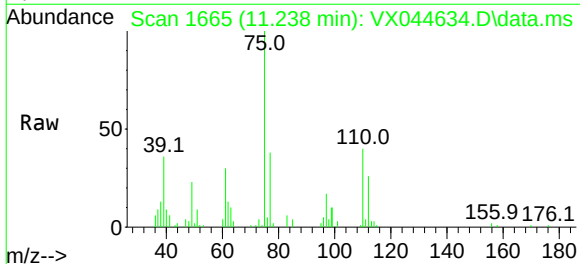
Manual Integrations
APPROVED

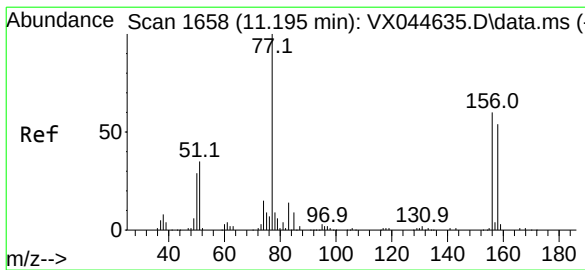
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 4.928 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

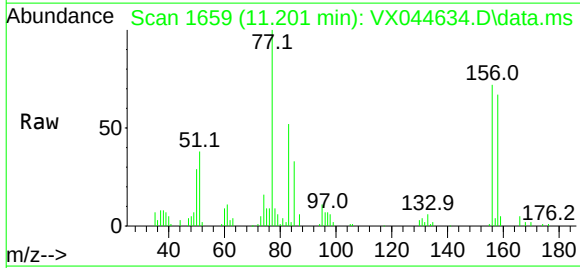
Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.3	0.0	78.0





#73
Bromobenzene
Concen: 5.513 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

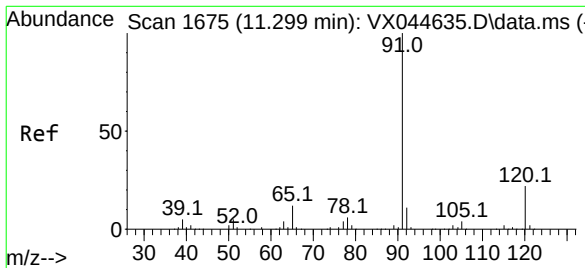
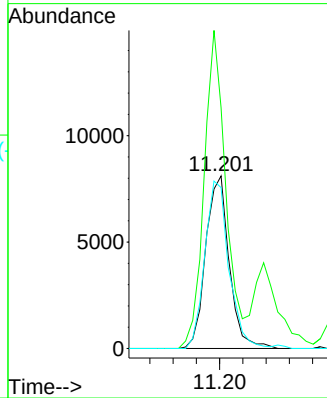
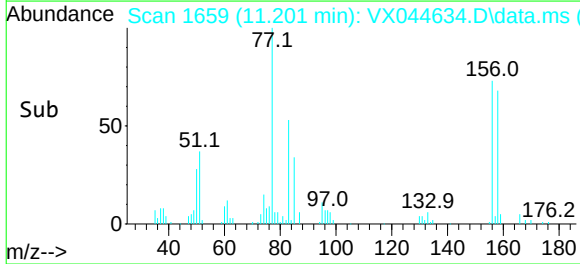
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



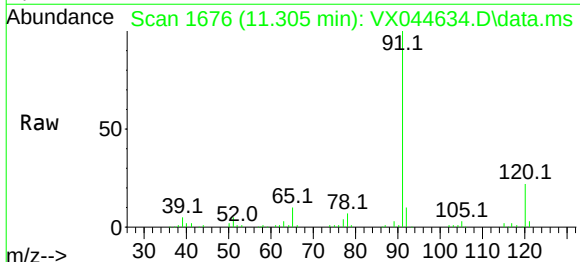
Tgt Ion:156 Resp: 11383
Ion Ratio Lower Upper
156 100
77 168.8 0.0 332.6
158 99.6 0.0 187.6

Manual Integrations
APPROVED

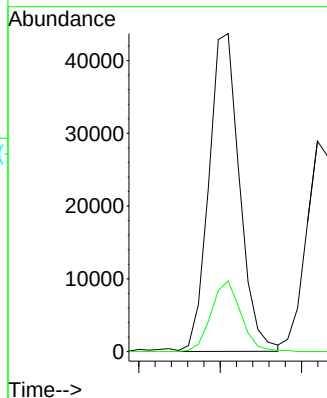
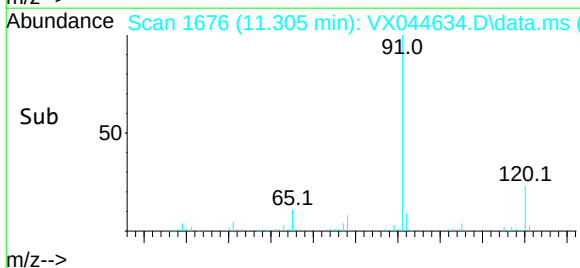
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

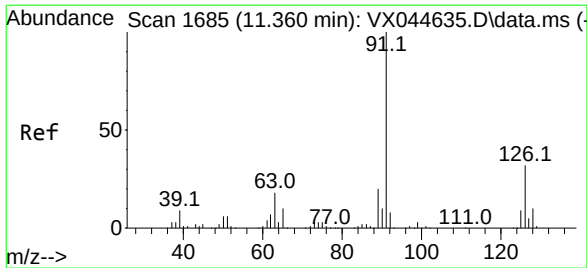


#74
n-propylbenzene
Concen: 5.537 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



Tgt Ion: 91 Resp: 57295
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0





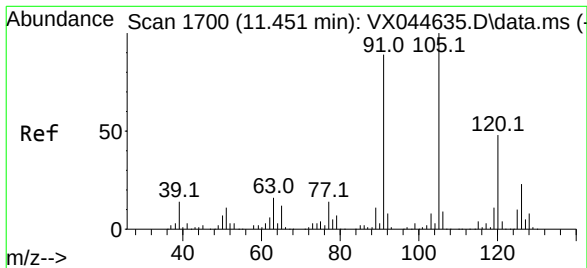
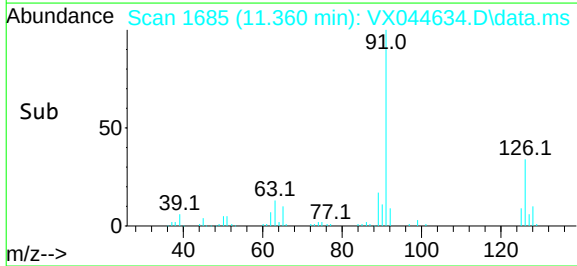
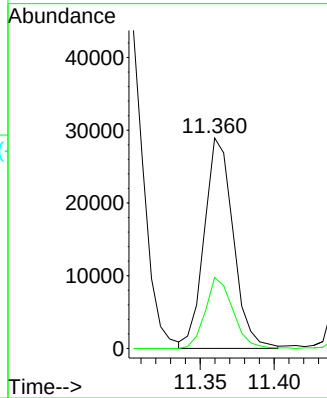
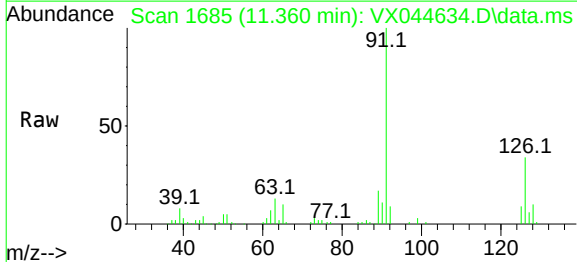
#75
2-Chlorotoluene
Concen: 6.106 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 39394
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.4

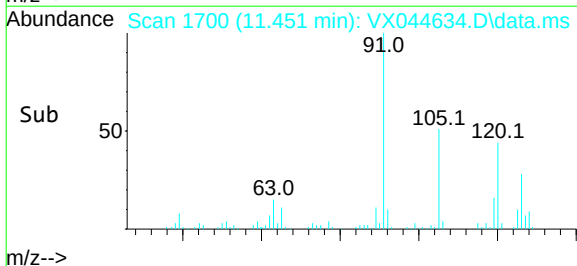
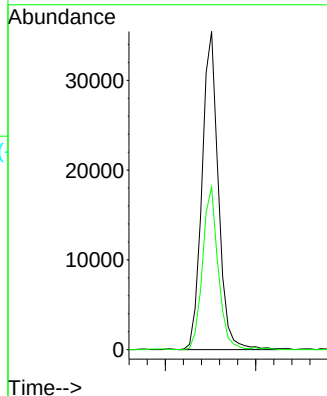
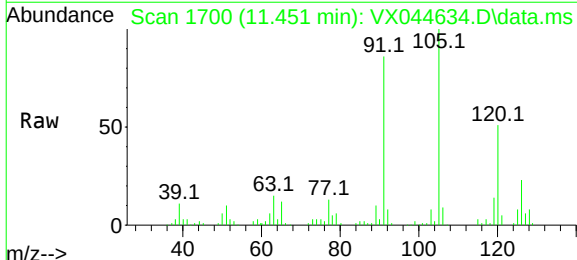
Manual Integrations
APPROVED

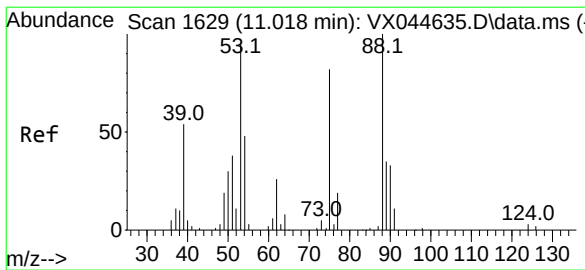
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 6.129 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:105 Resp: 44536
Ion Ratio Lower Upper
105 100
120 48.6 0.0 94.0





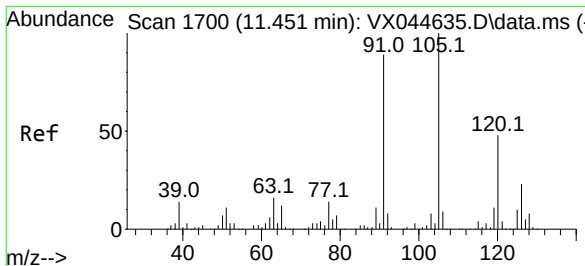
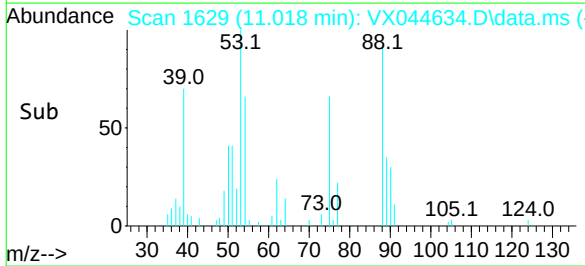
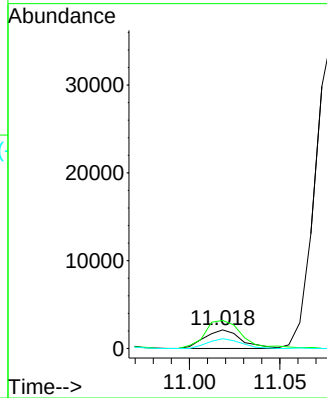
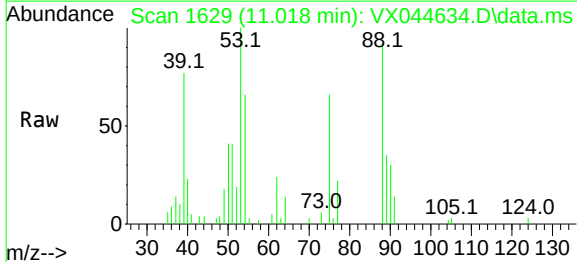
#77
t-1,4-Dichloro-2-butene
Concen: 2.517 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2981
Ion Ratio Lower Upper
75 100
53 150.6 57.4 172.2
89 52.8 21.3 64.0

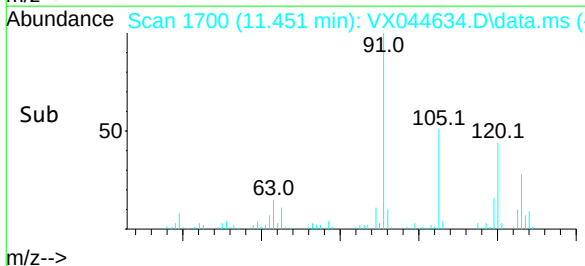
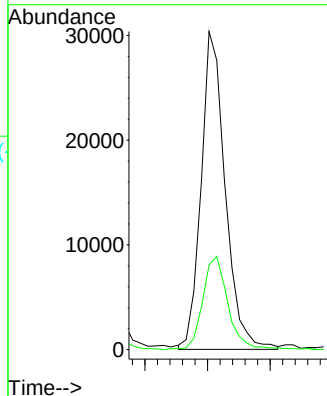
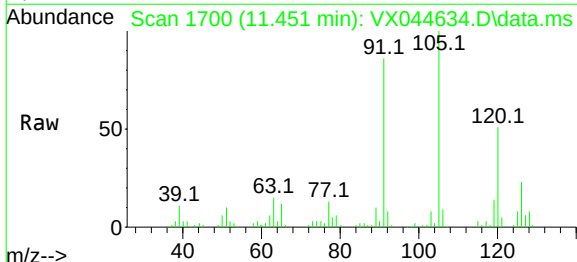
Manual Integrations
APPROVED

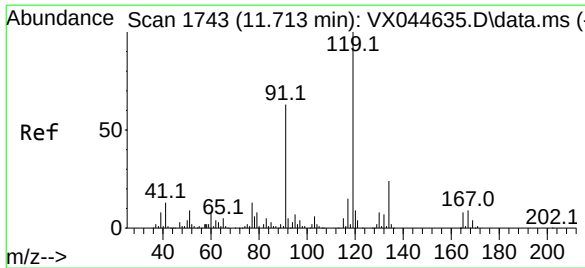
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 5.764 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion: 91 Resp: 40554
Ion Ratio Lower Upper
91 100
126 30.5 0.0 54.8





#79

tert-butylbenzene

Concen: 5.915 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:119 Resp: 43328

Ion Ratio Lower Upper

119 100

91 56.5 0.0 124.2

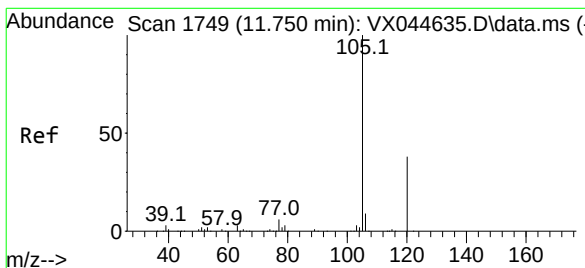
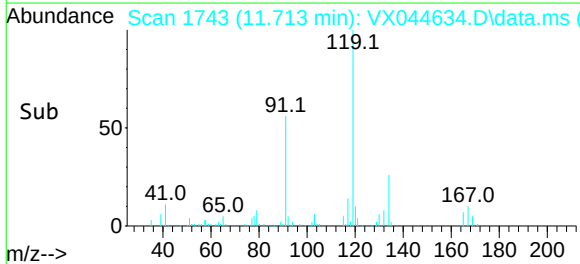
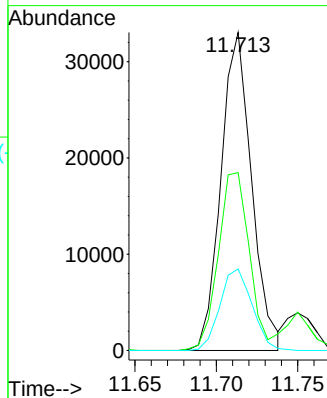
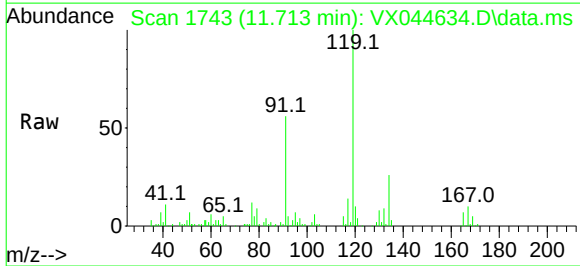
134 26.9 0.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#80

1,2,4-Trimethylbenzene

Concen: 5.736 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044634.D

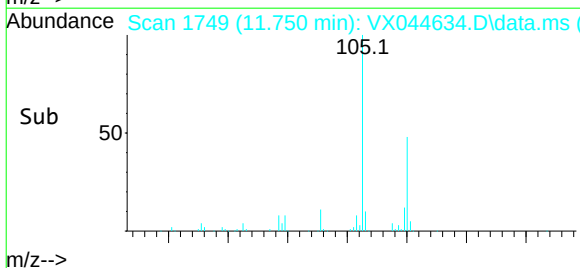
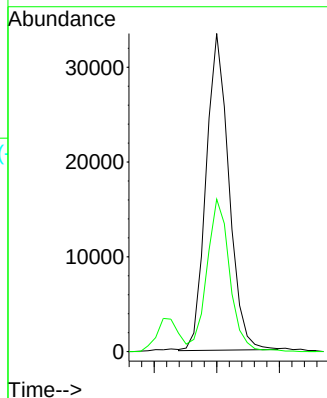
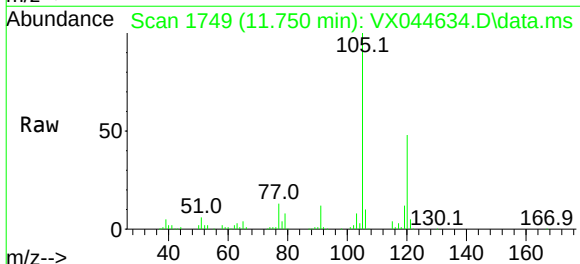
Acq: 09 Jan 2025 00:09

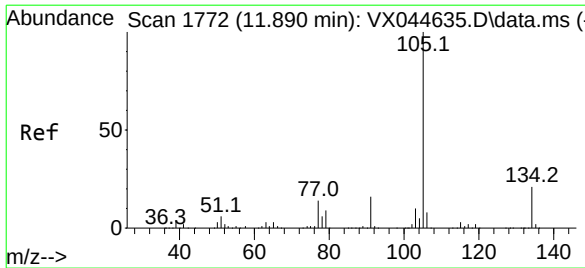
Tgt Ion:105 Resp: 42320

Ion Ratio Lower Upper

105 100

120 46.8 0.0 87.2





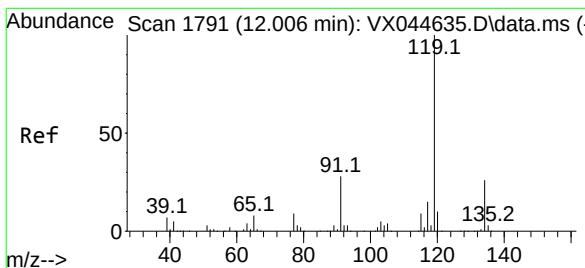
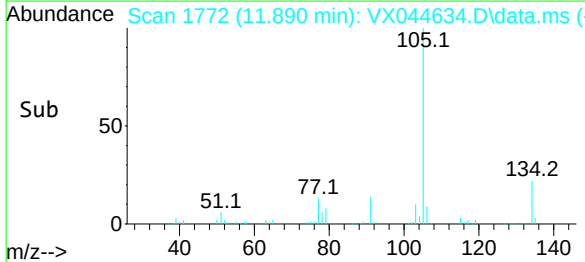
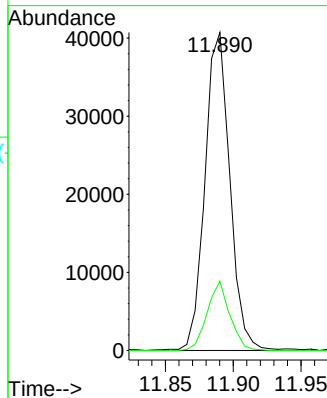
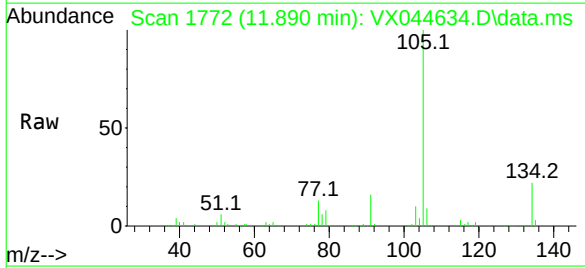
#81
sec-Butylbenzene
Concen: 5.646 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 51850
Ion Ratio Lower Upper
105 100
134 19.8 0.0 38.8

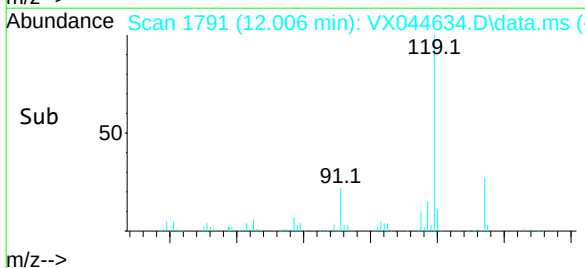
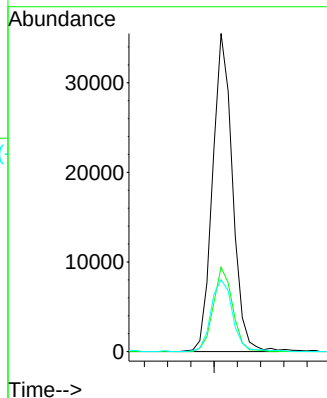
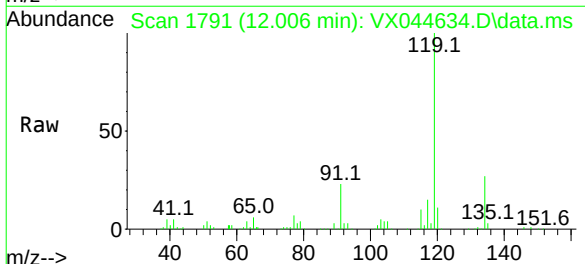
Manual Integrations
APPROVED

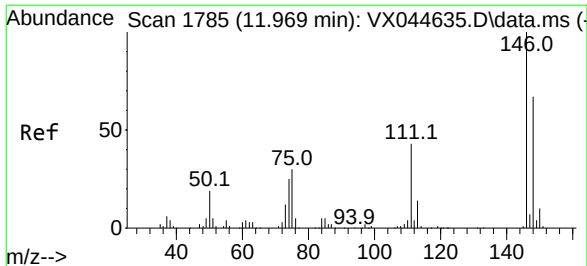
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 5.676 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

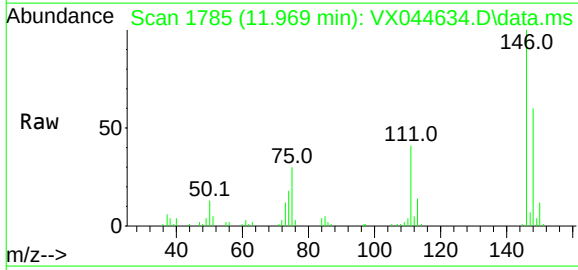
Tgt Ion:119 Resp: 42245
Ion Ratio Lower Upper
119 100
134 25.6 0.0 53.8
91 24.6 0.0 55.2





#83
1,3-Dichlorobenzene
Concen: 6.298 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

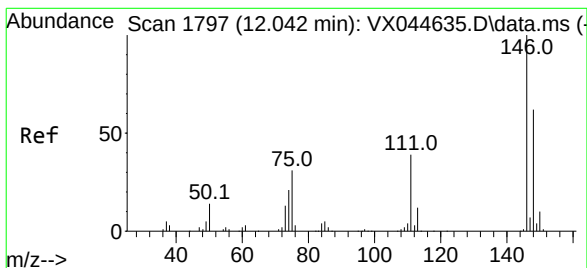
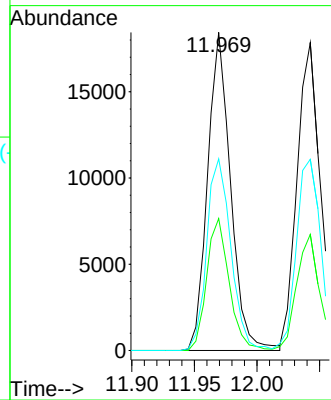
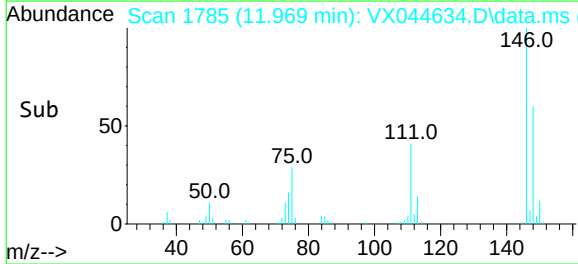
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 23587
Ion Ratio Lower Upper
146 100
111 40.7 21.7 65.1
148 63.4 32.1 96.5

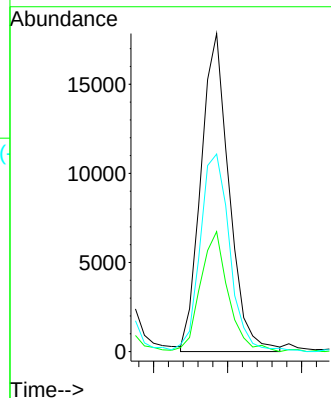
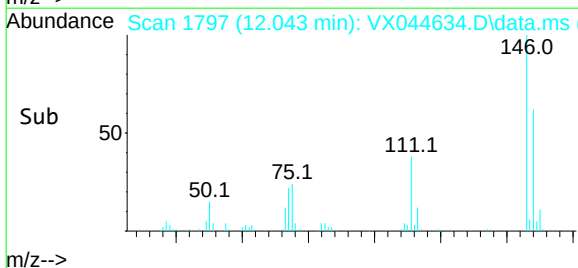
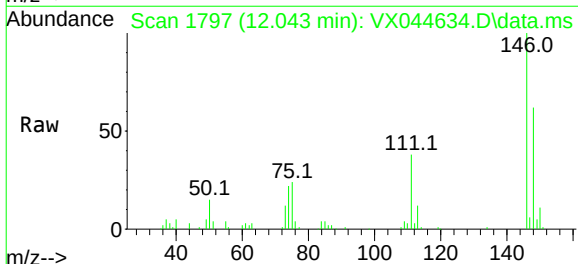
Manual Integrations
APPROVED

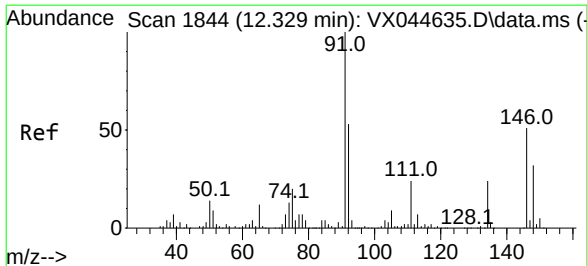
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#84
1,4-Dichlorobenzene
Concen: 6.315 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

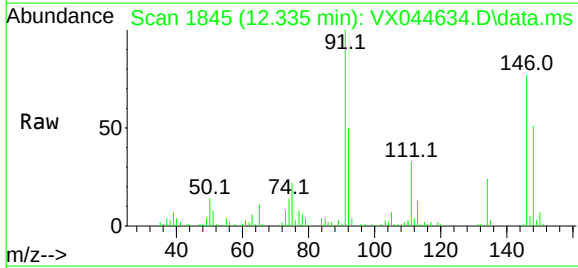
Tgt Ion:146 Resp: 23655
Ion Ratio Lower Upper
146 100
111 37.1 21.1 63.1
148 65.2 32.6 98.0





#85
n-Butylbenzene
Concen: 4.664 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

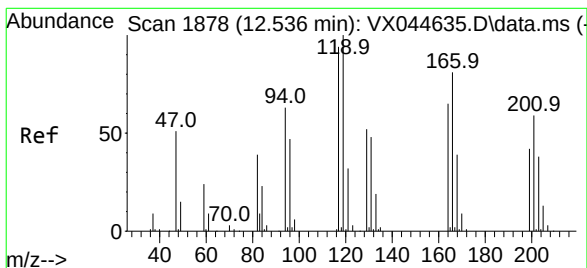
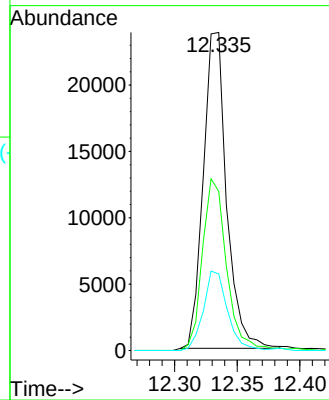
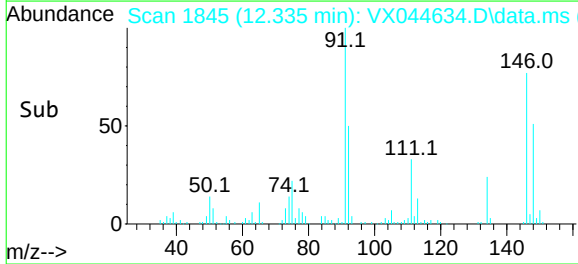
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 30912
Ion Ratio Lower Upper
91 100
92 56.3 0.0 105.0
134 25.9 0.0 50.0

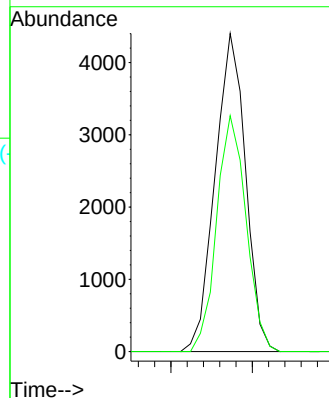
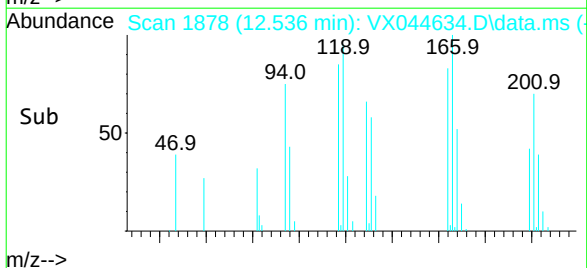
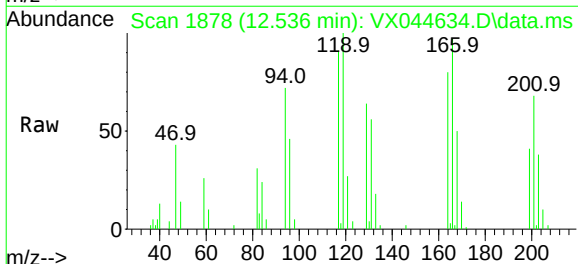
Manual Integrations
APPROVED

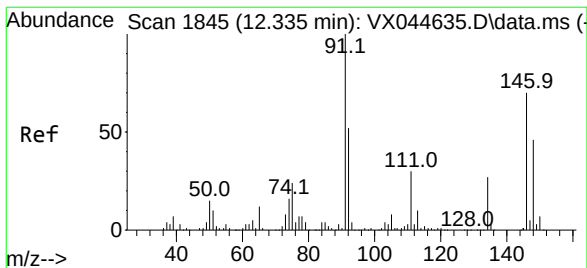
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 3.908 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

Tgt Ion:117 Resp: 5728
Ion Ratio Lower Upper
117 100
201 71.7 32.8 98.4





#87

1,2-Dichlorobenzene

Concen: 6.373 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044634.D

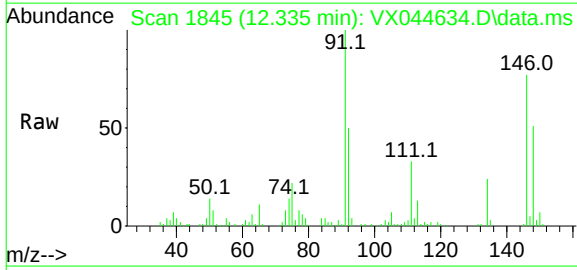
Acq: 09 Jan 2025 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



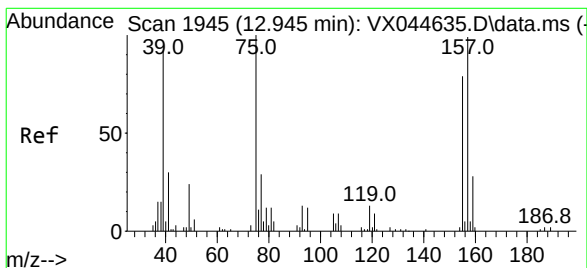
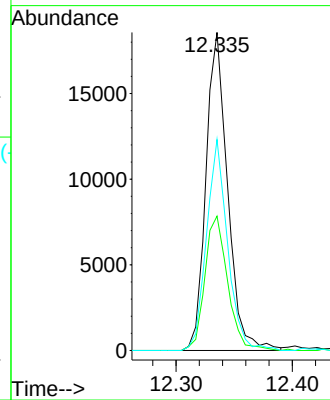
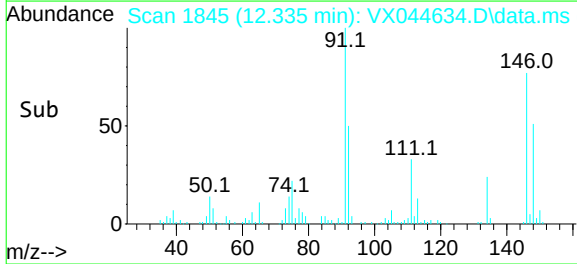
Tgt Ion:	146	Resp:	24054
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.9	65.7
148	63.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.385 ug/l

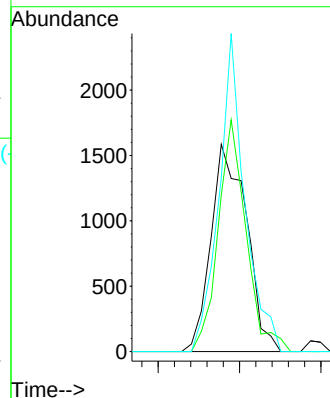
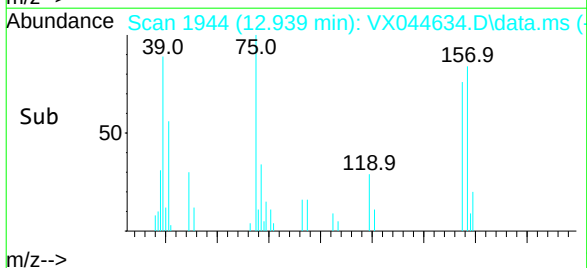
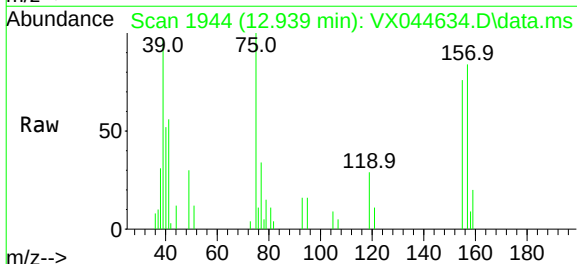
RT: 12.939 min Scan# 1944

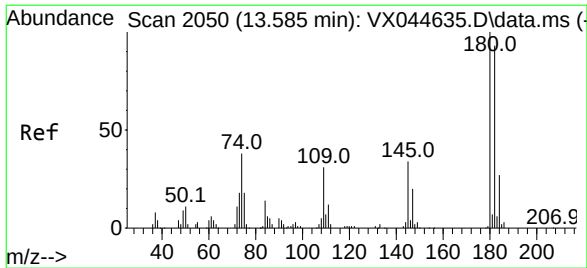
Delta R.T. -0.006 min

Lab File: VX044634.D

Acq: 09 Jan 2025 00:09

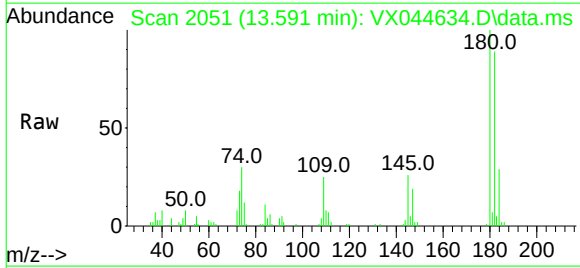
Tgt Ion:	75	Resp:	2407
Ion Ratio	Lower	Upper	
75	100		
155	83.9	60.6	90.8
157	112.0	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 5.264 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

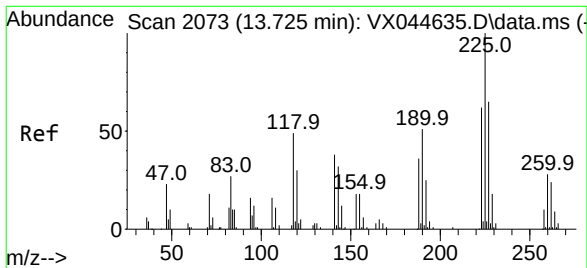
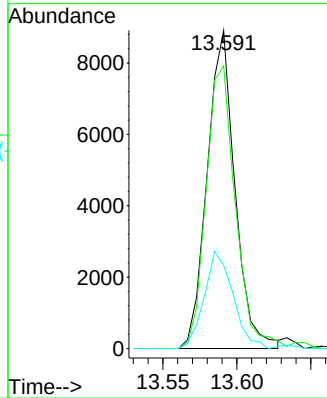
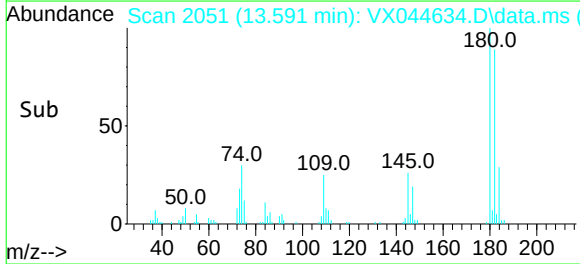
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:180 Resp: 11640
Ion Ratio Lower Upper
180 100
182 93.5 75.9 113.9
145 31.7 26.7 40.1

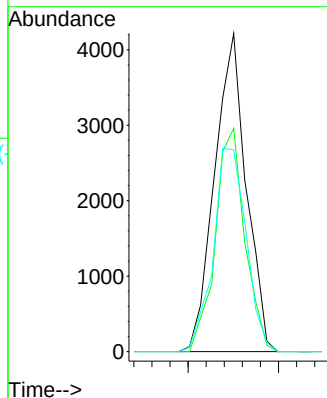
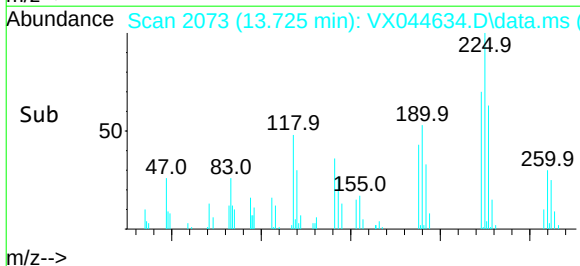
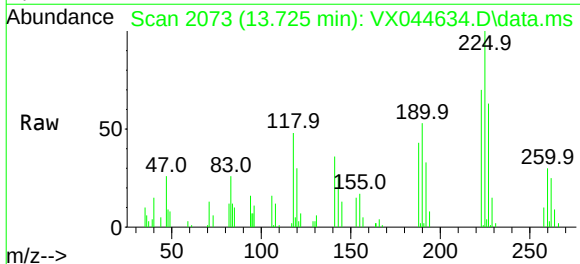
Manual Integrations
APPROVED

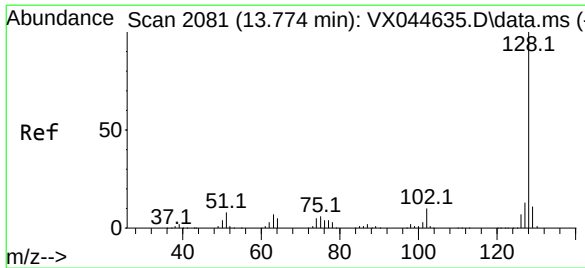
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#90
Hexachlorobutadiene
Concen: 6.095 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

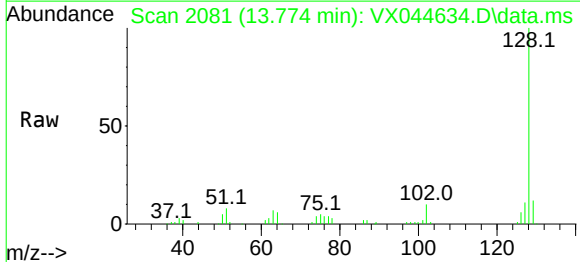
Tgt Ion:225 Resp: 5123
Ion Ratio Lower Upper
225 100
223 65.3 0.0 124.0
227 66.8 0.0 134.6





#91
Naphthalene
Concen: 4.521 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09

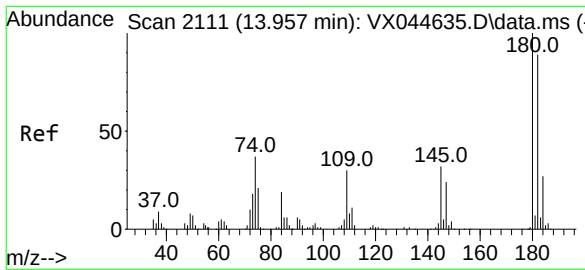
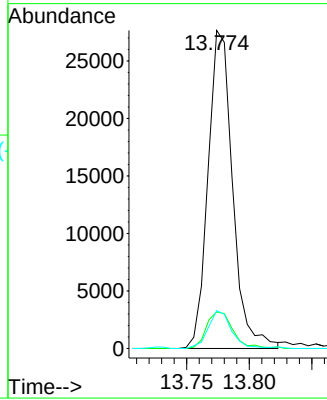
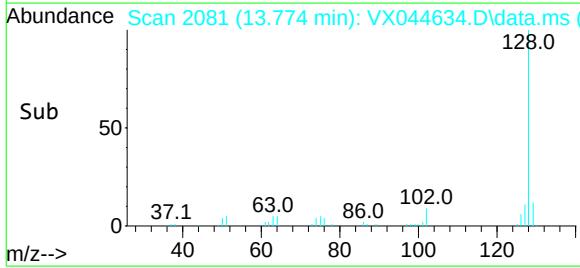
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



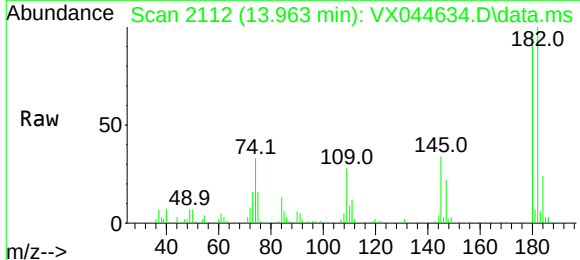
Tgt Ion:128 Resp: 37823
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 11.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 5.529 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044634.D
Acq: 09 Jan 2025 00:09



Tgt Ion:180 Resp: 12535
Ion Ratio Lower Upper
180 100
182 95.7 0.0 191.2
145 36.4 0.0 67.0

