

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044781.D
 Acq On : 30 Jan 2025 16:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 00:43:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.879	128	24993	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.751	114	138760	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	127034	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	65031	26.952	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	89.833%#	
60) 4-Bromofluorobenzene	11.079	95	73020	29.594	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.633%	
63) Toluene-d8	8.641	98	204480	29.595	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.633%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40461	18.208	ug/l	100
3) Chloromethane	1.300	50	48074	20.566	ug/l	99
4) Vinyl Chloride	1.374	62	44276	19.359	ug/l	93
5) Bromomethane	1.593	94	12938	23.406	ug/l	96
6) Chloroethane	1.666	64	23516	64.847	ug/l	99
7) Trichlorofluoromethane	1.873	101	59722	23.844	ug/l	99
8) Diethyl Ether	2.130	74	18486	19.132	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.318	101	40837	22.758	ug/l	98
10) 1,1-Dichloroethene	2.306	96	37123	20.109	ug/l	90
11) Methyl Iodide	2.440	142	48299	18.880	ug/l	98
12) Methyl Acetate	2.696	43	58879	21.847	ug/l	99
13) Acrolein	2.233	56	33692	113.041	ug/l	96
14) Acrylonitrile	3.056	53	106253	108.191	ug/l	98
15) Acetone	2.379	58	27518	104.423	ug/l	81
16) Carbon Disulfide	2.501	76	101119	19.710	ug/l	98
17) Allyl chloride	2.654	41	66580	19.999	ug/l	96
18) Methylene Chloride	2.782	84	41307	19.994	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	37592	20.479	ug/l	90
20) Diisopropyl ether	3.751	45	129012	21.350	ug/l	96
21) 1,1-Dichloroethane	3.599	63	71382	19.914	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	43765	19.263	ug/l	96
23) tert-Butyl Alcohol	2.965	59	47536	100.075	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	120959	18.910	ug/l	97
25) Chloroform	5.080	83	70823	19.884	ug/l	93
26) Cyclohexane	5.452	56	66370	22.030	ug/l #	97
29) 1,1-Dichloropropene	5.678	75	47908	19.850	ug/l	97
30) 2-Butanone	4.550	43	139164	104.964	ug/l	100
31) 2,2-Dichloropropane	4.458	77	60605	18.146	ug/l	100
32) 1,1,1-Trichloroethane	5.367	97	60076	18.782	ug/l	97
33) Carbon Tetrachloride	5.665	117	51011	18.906	ug/l	99
34) Benzene	6.025	78	158997	20.648	ug/l	99
35) Methacrylonitrile	4.909	41	30539	20.610	ug/l	97
36) 1,2-Dichloroethane	6.074	62	50703	18.416	ug/l	99
37) Trichloroethene	7.116	130	36535	19.652	ug/l	97
38) Methylcyclohexane	7.372	83	69348	21.147	ug/l	98
39) 1,2-Dichloropropane	7.421	63	39334	20.484	ug/l	97
40) Dibromomethane	7.574	93	27275	19.106	ug/l	99
41) Bromodichloromethane	7.817	83	55456	18.814	ug/l	97
42) Vinyl Acetate	3.708	43	526238	99.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	51061	19.633	ug/l #	93
44) Isopropyl Acetate	6.330	43	92530	19.804	ug/l	99
45) 1,4-Dioxane	7.659	88	18184	408.711	ug/l	93
46) Methyl methacrylate	7.689	41	43789	19.147	ug/l	97
47) n-amyl Acetate	10.841	43	83479	21.289	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	56435	18.139	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	62762	18.813	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	38475	20.927	ug/l	96
51) Ethyl methacrylate	9.110	69	64044	20.052	ug/l	97
52) 1,3-Dichloropropane	9.305	76	66564	20.933	ug/l	100
53) Dibromochloromethane	9.512	129	42259	19.235	ug/l	98
54) 1,2-Dibromoethane	9.604	107	38037	19.571	ug/l	98
55) 2-Chloroethyl vinyl ether	8.232	63	149222	96.290	ug/l	98
56) Bromoform	10.799	173	27683	19.003	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	292928	109.396	ug/l	98
59) 2-Hexanone	9.427	43	213692	109.007	ug/l	99
61) Tetrachloroethene	9.268	164	30824	20.228	ug/l	95
62) Toluene	8.714	91	169079	20.213	ug/l	98
64) Chlorobenzene	10.073	112	105396	20.288	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	35025	18.769	ug/l	98
66) Ethyl Benzene	10.189	91	185366	20.306	ug/l	100
67) m/p-Xylenes	10.299	106	140957	42.007	ug/l	96
68) o-Xylene	10.640	106	69885	20.751	ug/l	97
69) Styrene	10.652	104	117582	21.265	ug/l	97
70) Isopropylbenzene	10.957	105	178771	21.115	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	60217	21.157	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	50338m	21.023	ug/l	
73) Bromobenzene	11.195	156	41233	20.906	ug/l	96
74) n-propylbenzene	11.299	91	212583	22.106	ug/l	98
75) 2-Chlorotoluene	11.360	91	128323	21.225	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	146800	21.351	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	19544	17.253	ug/l	96
78) 4-Chlorotoluene	11.451	91	141469	21.236	ug/l	97
79) tert-butylbenzene	11.713	119	154239	21.836	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	149755	21.588	ug/l	98
81) sec-Butylbenzene	11.884	105	191441	22.698	ug/l	99
82) p-Isopropyltoluene	12.006	119	154011	22.187	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	75428	21.531	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	75718	22.048	ug/l	99
85) n-Butylbenzene	12.329	91	136414	22.671	ug/l	99
86) Hexachloroethane	12.536	117	29881	19.568	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	76029	21.733	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11297	16.480	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	45259	20.818	ug/l	99
90) Hexachlorobutadiene	13.725	225	18411	21.894	ug/l	96
91) Naphthalene	13.774	128	164212	20.190	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	46425	20.996	ug/l	99

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

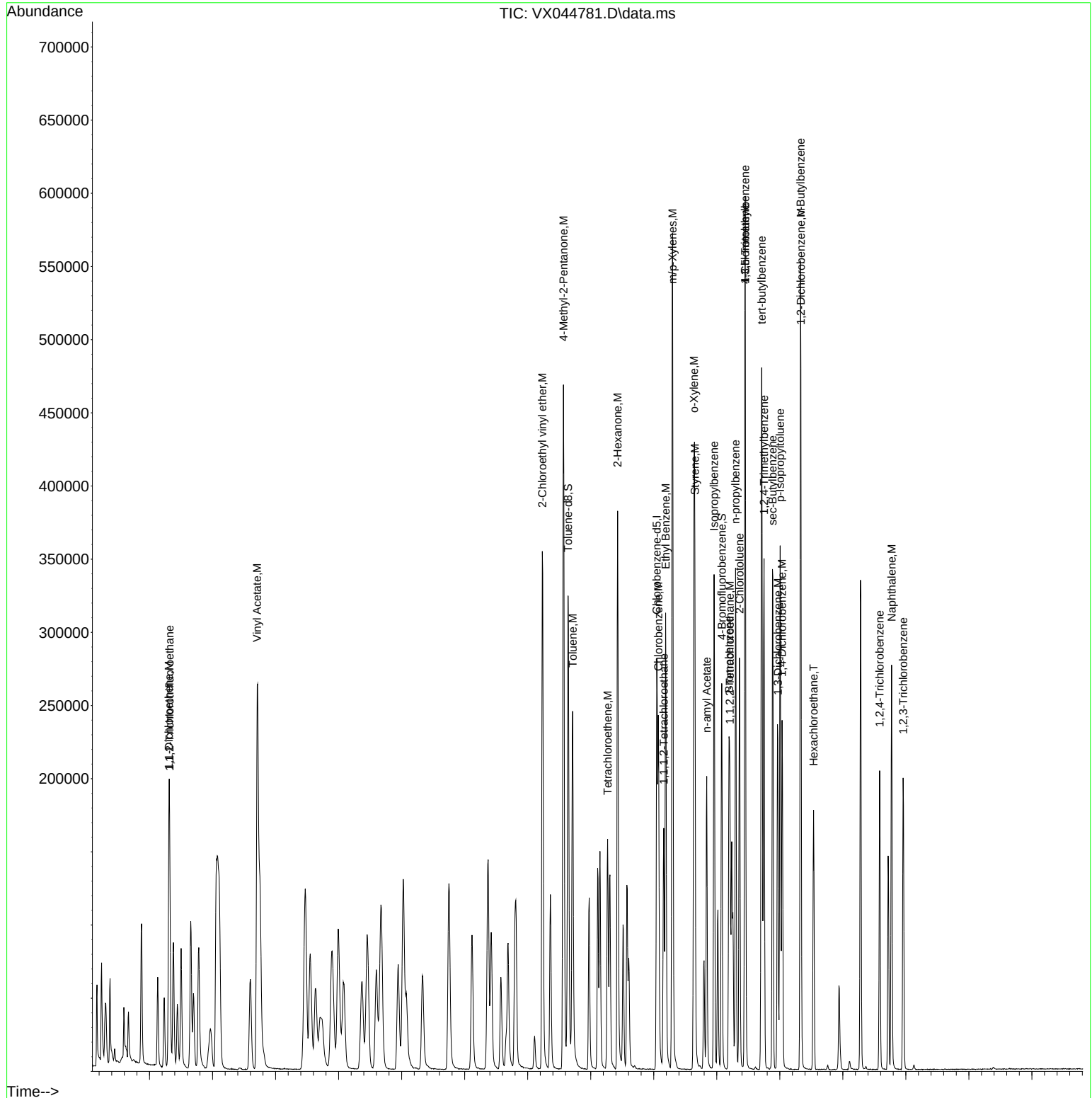
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
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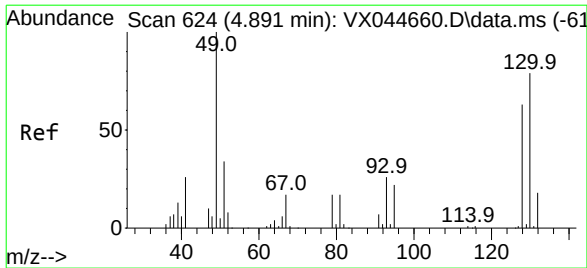
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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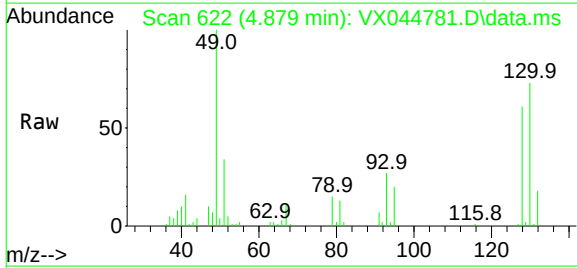
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.879 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

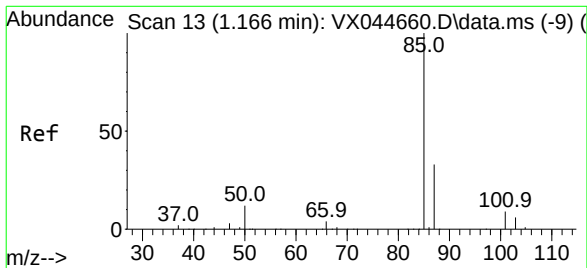
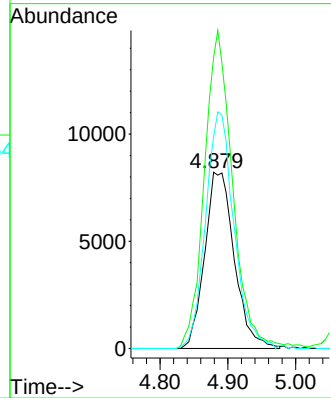
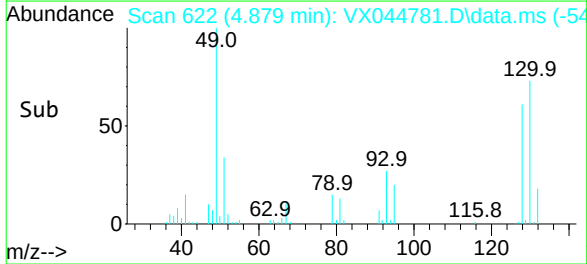
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 24993
Ion Ratio Lower Upper
128 100
49 170.7 0.0 411.5
130 128.6 0.0 324.3

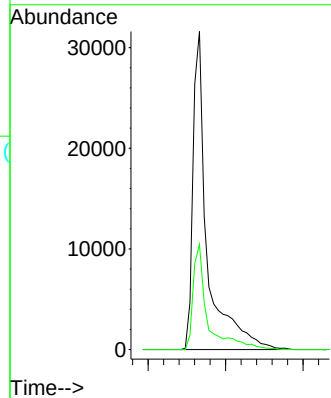
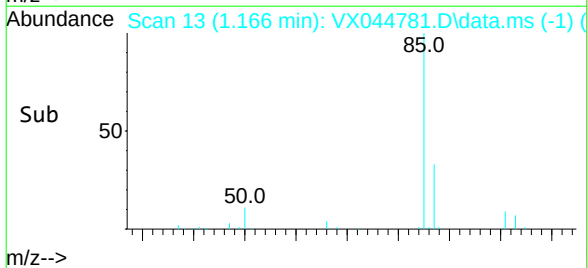
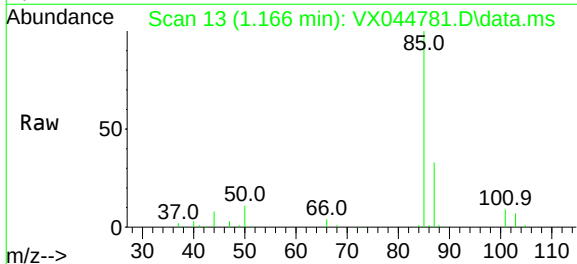
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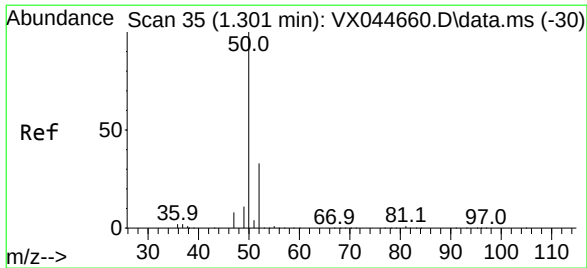
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#2
Dichlorodifluoromethane
Concen: 18.208 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 85 Resp: 40461
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8





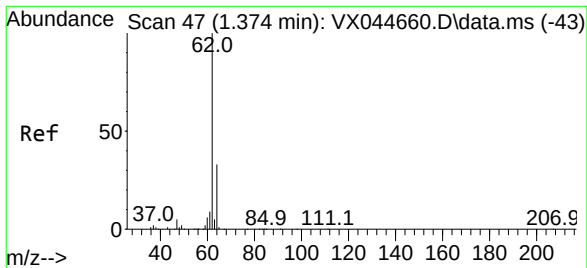
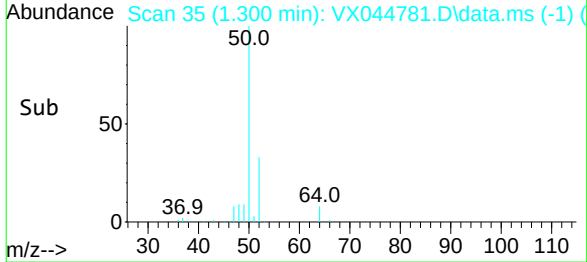
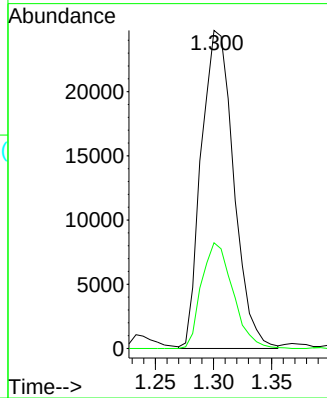
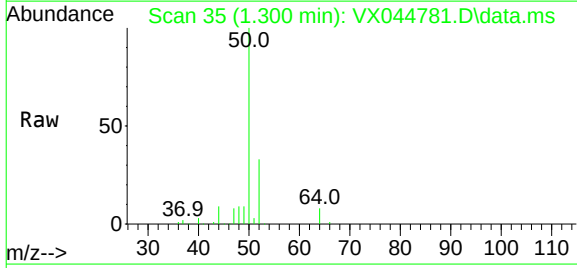
#3
Chloromethane
Concen: 20.566 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

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ClientSampleId :
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Tgt Ion: 50 Resp: 48074
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

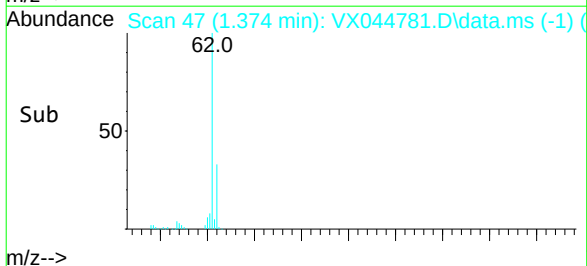
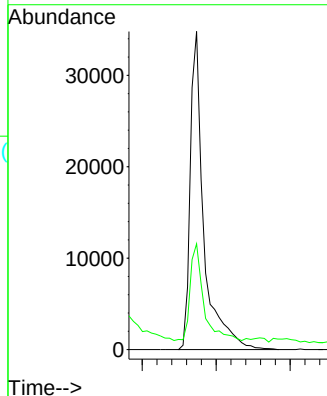
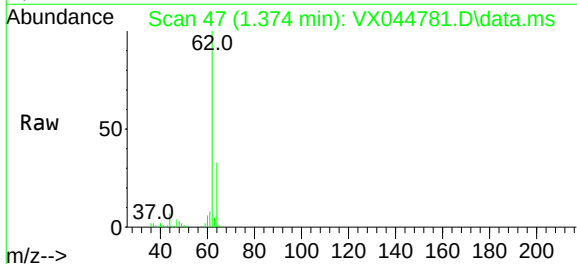
Manual Integrations
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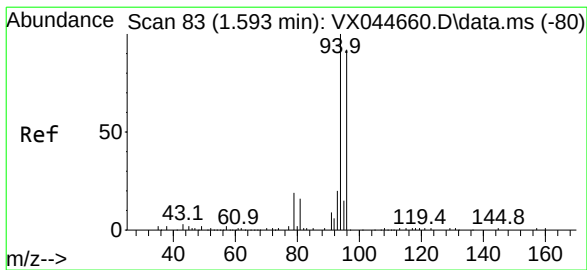
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#4
Vinyl Chloride
Concen: 19.359 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

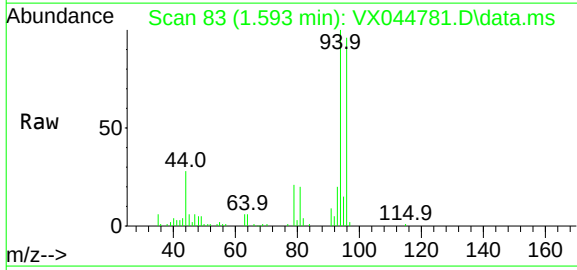
Tgt Ion: 62 Resp: 44276
Ion Ratio Lower Upper
62 100
64 30.1 27.3 40.9





#5
Bromomethane
Concen: 23.406 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

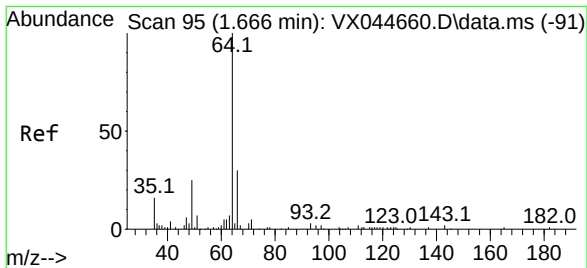
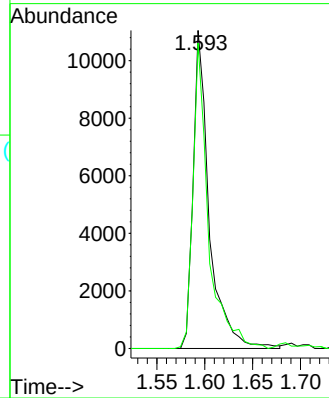
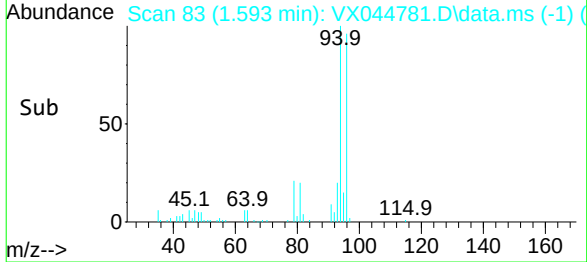
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 12938
Ion Ratio Lower Upper
94 100
96 95.5 73.3 109.9

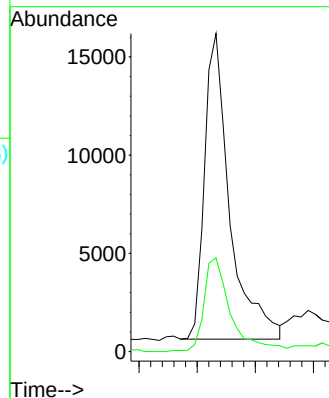
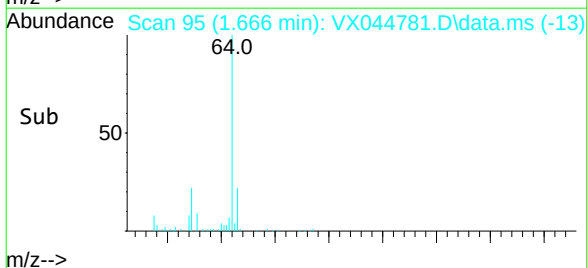
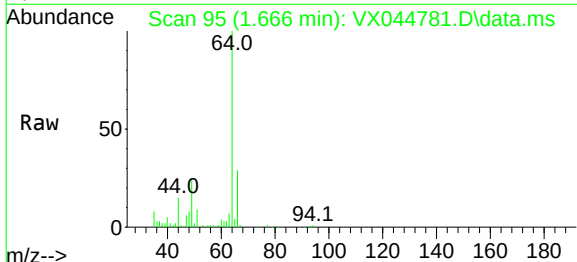
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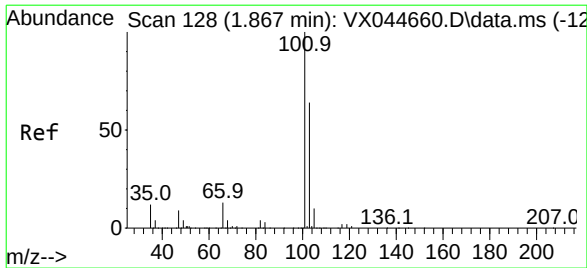
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#6
Chloroethane
Concen: 64.847 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

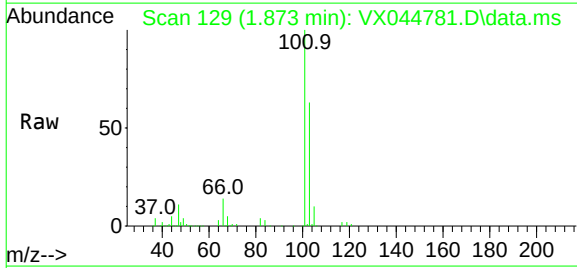
Tgt Ion: 64 Resp: 23516
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 23.844 ug/l
 RT: 1.873 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044781.D
 Acq: 30 Jan 2025 16:00

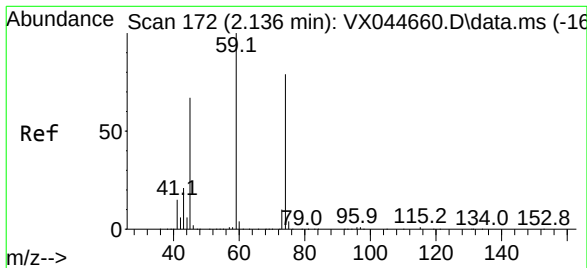
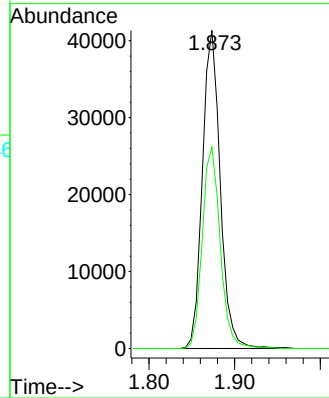
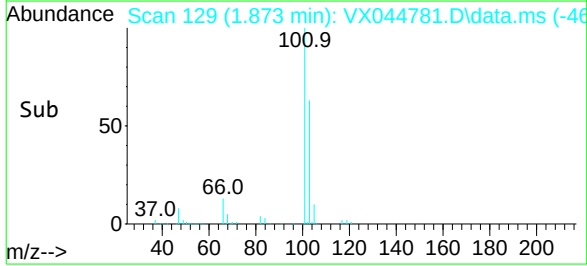
Instrument :
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 ClientSampleId :
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Tgt Ion: 101 Resp: 59722
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.1 76.7

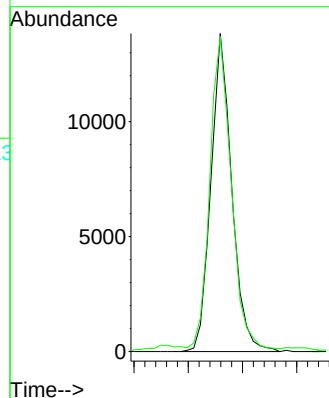
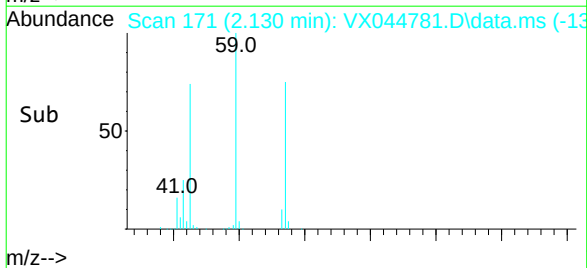
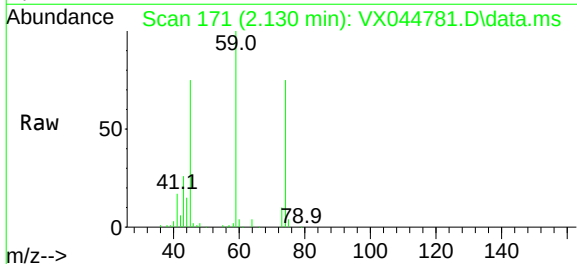
Manual Integrations
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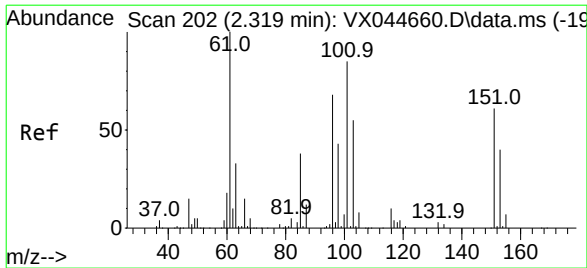
Reviewed By : John Carlone 01/31/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025



#8
 Diethyl Ether
 Concen: 19.132 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044781.D
 Acq: 30 Jan 2025 16:00

Tgt Ion: 74 Resp: 18486
 Ion Ratio Lower Upper
 74 100
 45 102.5 18.8 168.8





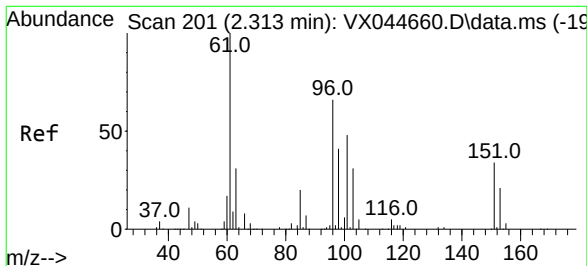
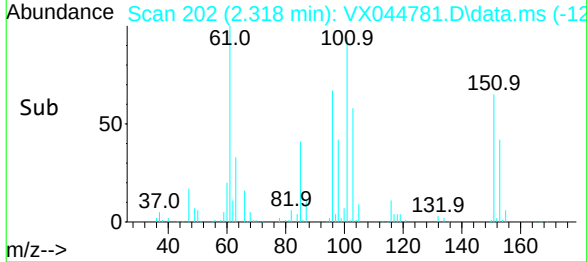
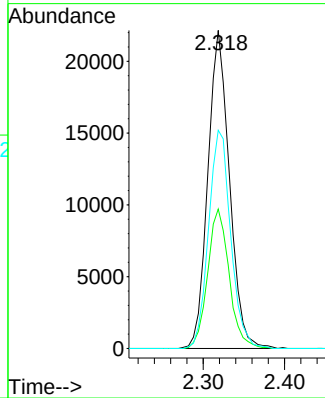
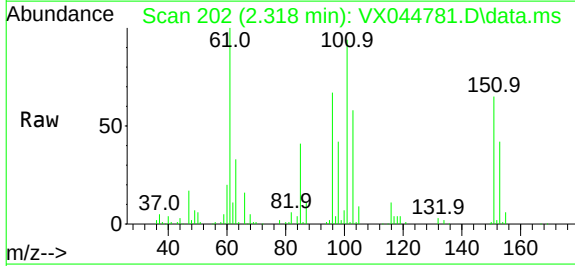
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.758 ug/l
RT: 2.318 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 40837
Ion Ratio Lower Upper
101 100
85 43.7 0.0 88.0
151 70.5 0.0 147.0

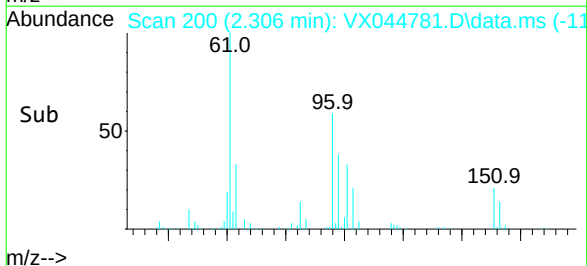
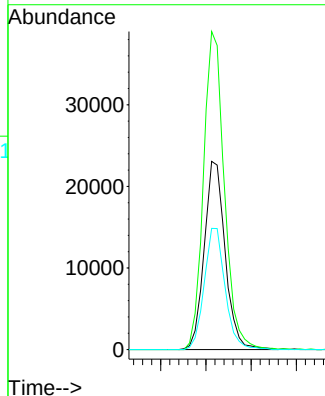
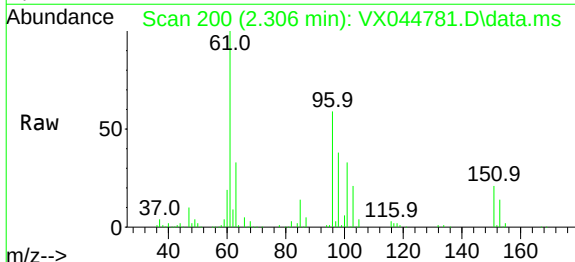
Manual Integrations
APPROVED

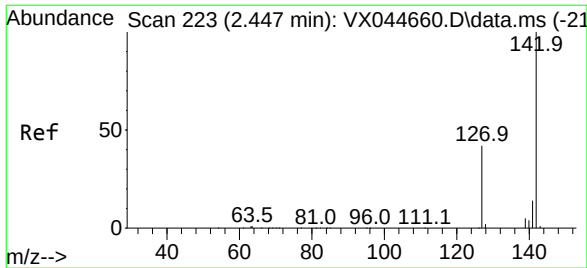
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
1,1-Dichloroethene
Concen: 20.109 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

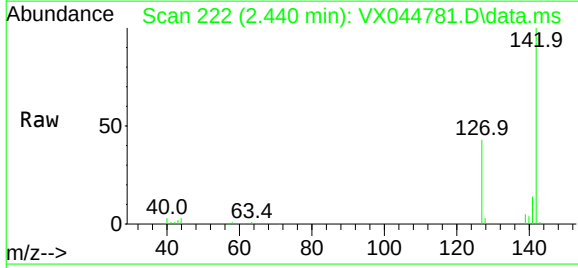
Tgt Ion: 96 Resp: 37123
Ion Ratio Lower Upper
96 100
61 169.0 121.6 182.4
98 64.4 50.3 75.5





#11
Methyl Iodide
Concen: 18.880 ug/l
RT: 2.440 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

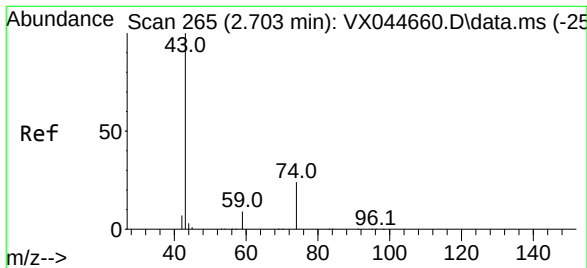
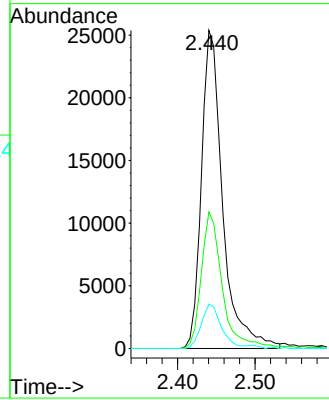
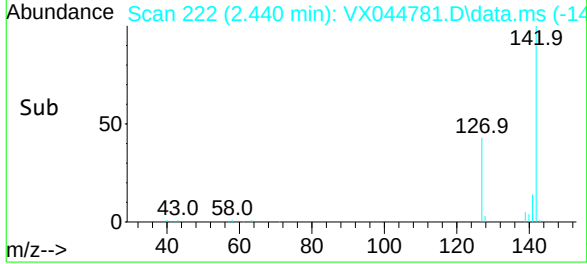
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 48299
Ion Ratio Lower Upper
142 100
127 42.9 20.8 62.4
141 14.1 7.0 20.9

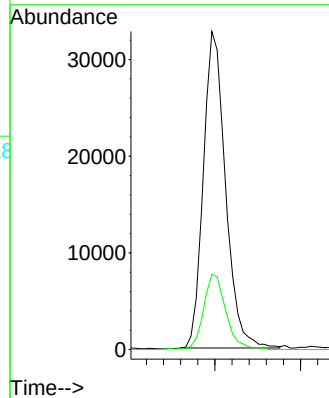
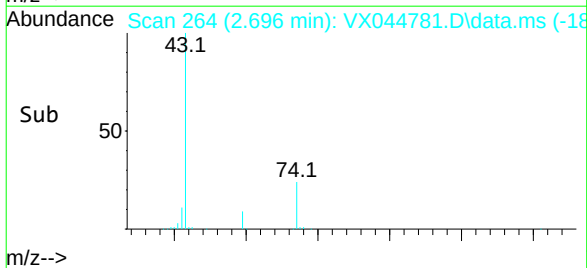
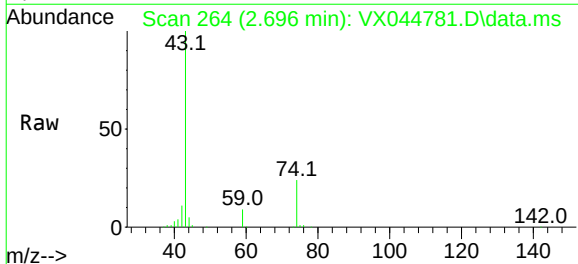
Manual Integrations
APPROVED

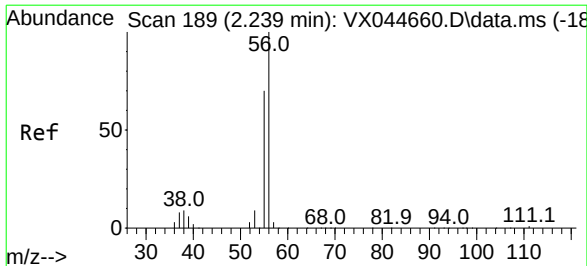
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#12
Methyl Acetate
Concen: 21.847 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 43 Resp: 58879
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2





#13

Acrolein

Concen: 113.041 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 33692

Ion Ratio Lower Upper

56 100

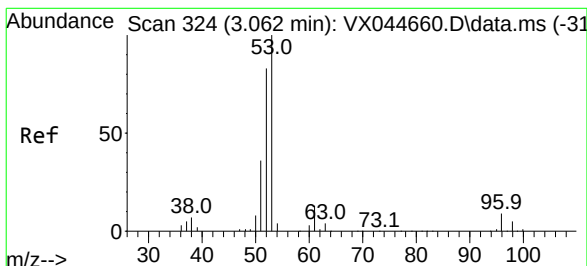
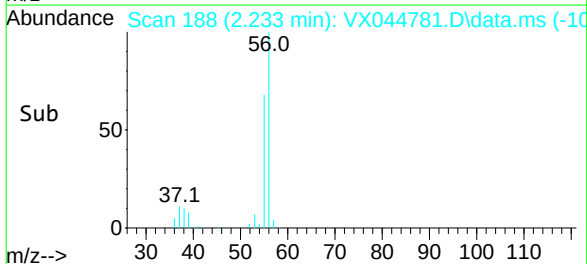
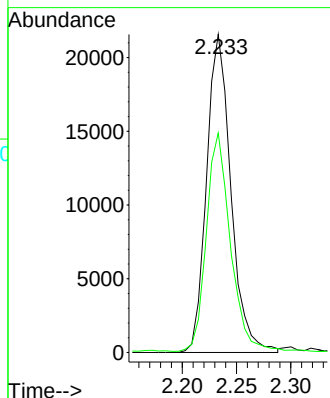
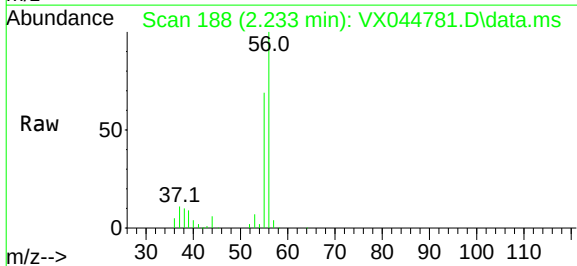
55 68.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Acrylonitrile

Concen: 108.191 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.006 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

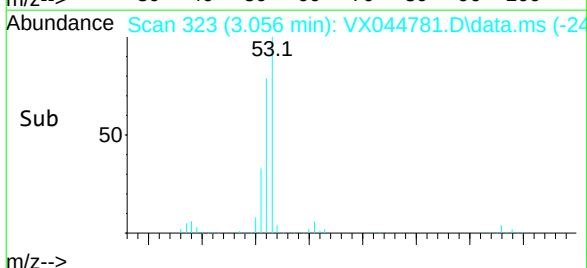
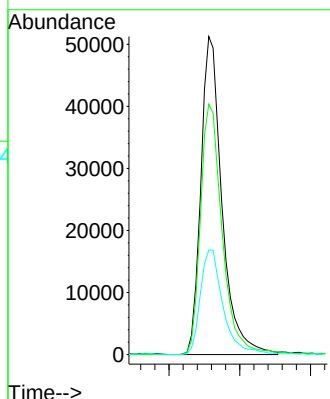
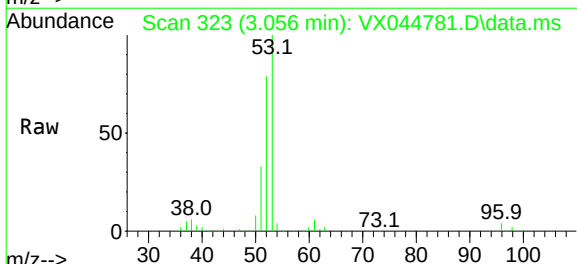
Tgt Ion: 53 Resp: 106253

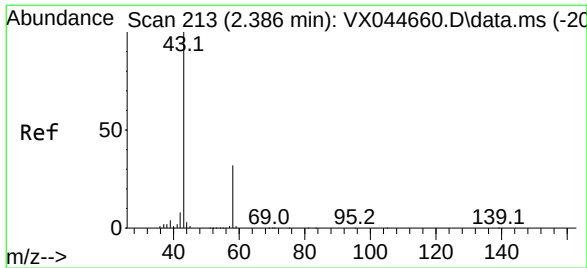
Ion Ratio Lower Upper

53 100

52 81.1 41.4 124.2

51 35.4 18.1 54.4





#15

Acetone

Concen: 104.423 ug/l

RT: 2.379 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 27518

Ion Ratio Lower Upper

58 100

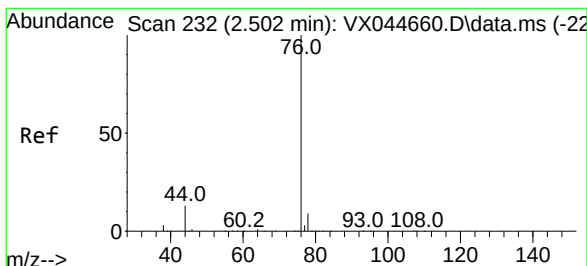
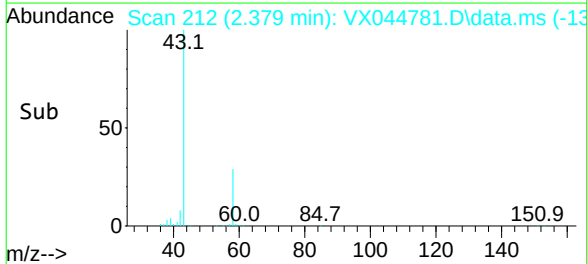
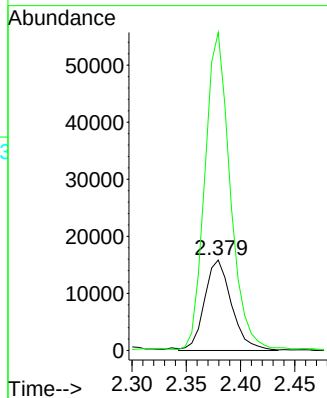
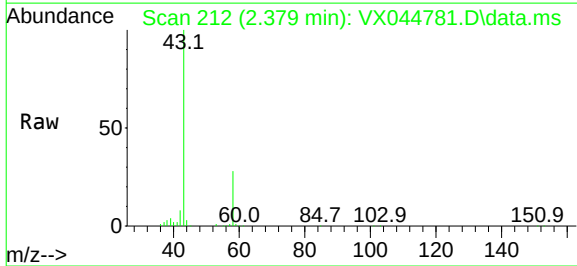
43 352.6 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Carbon Disulfide

Concen: 19.710 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044781.D

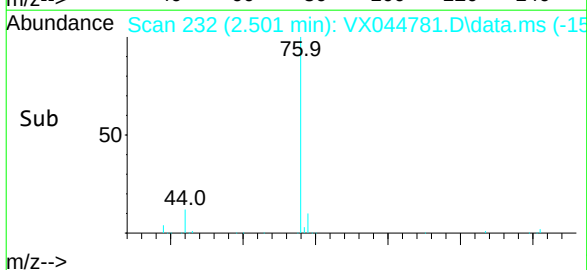
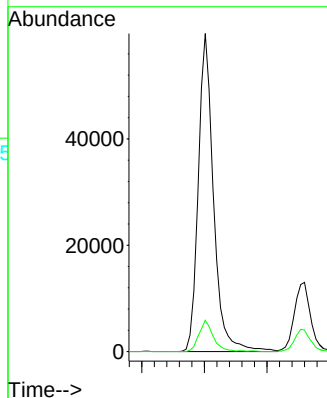
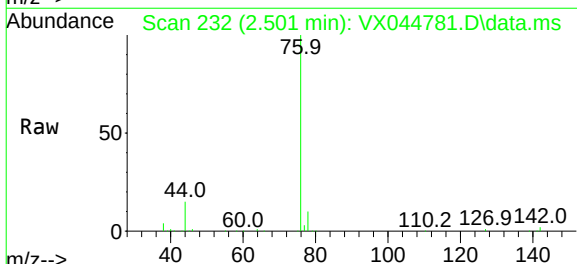
Acq: 30 Jan 2025 16:00

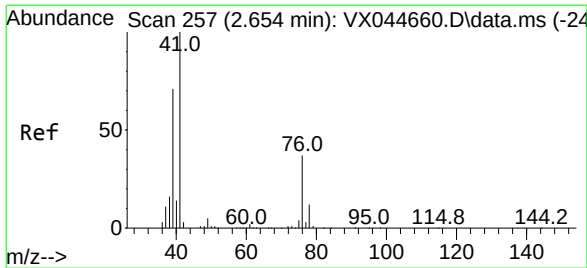
Tgt Ion: 76 Resp: 101119

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9





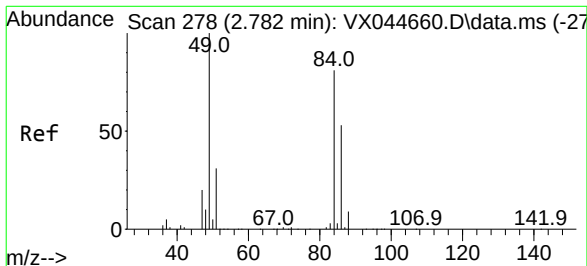
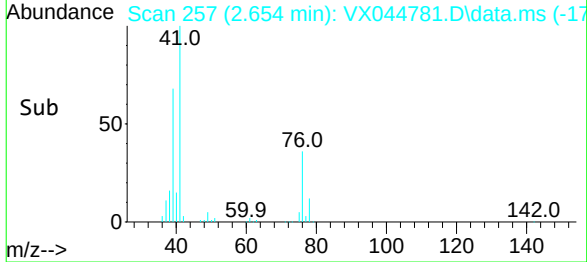
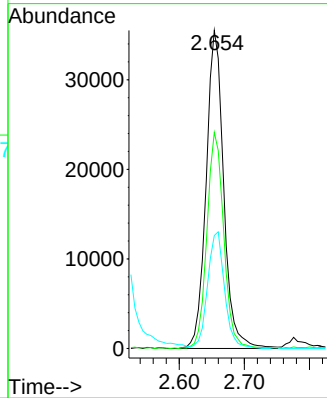
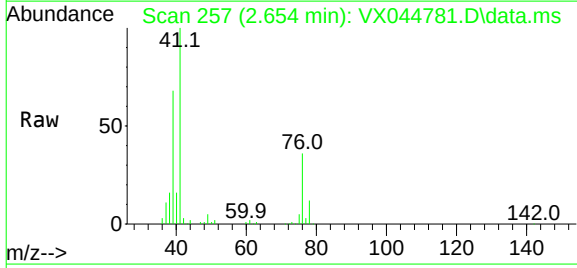
#17
 Allyl chloride
 Concen: 19.999 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044781.D
 Acq: 30 Jan 2025 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	41	Resp:	66580
Ion	Ratio	Lower	Upper
41	100		
39	68.0	35.6	106.8
76	35.3	18.9	56.5

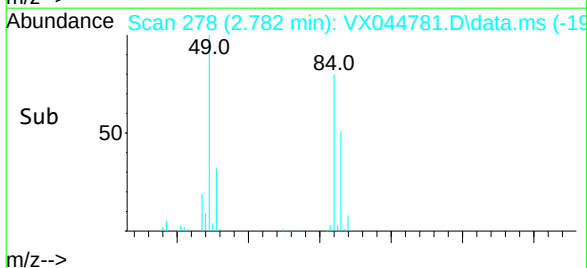
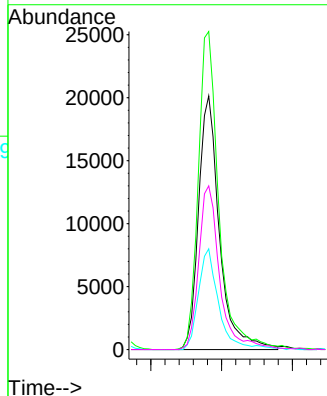
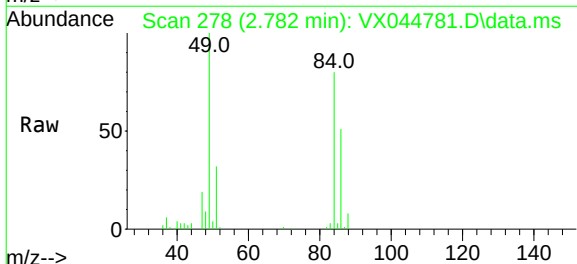
Manual Integrations
 APPROVED

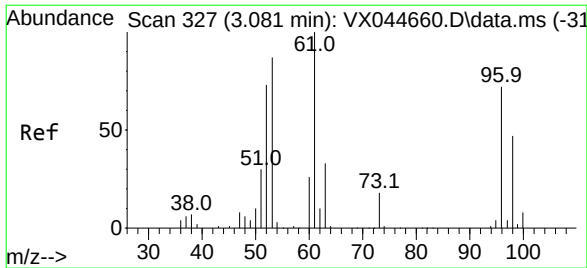
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#18
 Methylene Chloride
 Concen: 19.994 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044781.D
 Acq: 30 Jan 2025 16:00

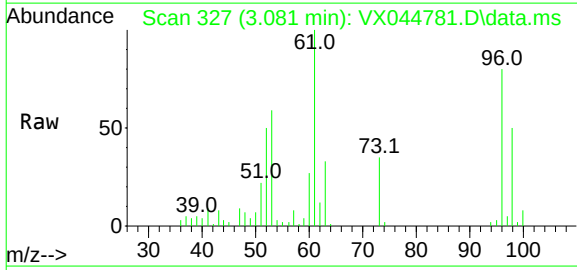
Tgt Ion:	84	Resp:	41307
Ion	Ratio	Lower	Upper
84	100		
49	125.1	98.3	147.5
51	39.7	30.6	46.0
86	64.5	52.6	78.8





#19
trans-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 3.081 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

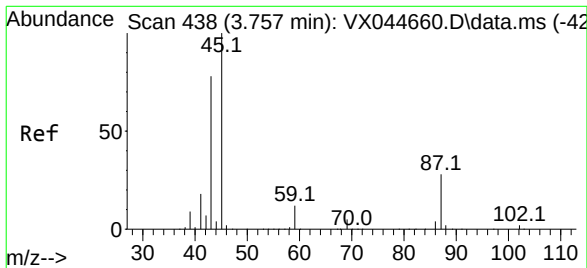
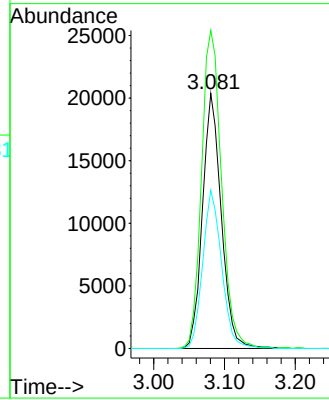
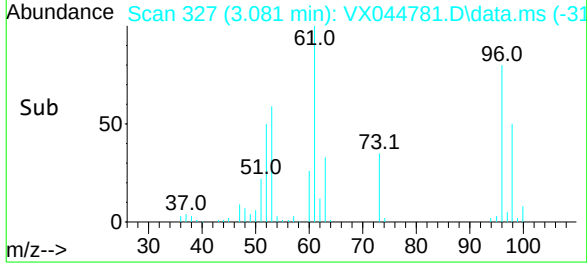
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



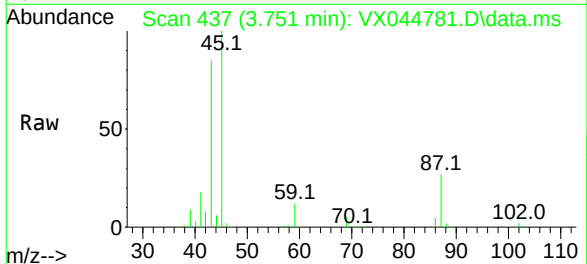
Tgt Ion: 96 Resp: 37592
Ion Ratio Lower Upper
96 100
61 124.5 111.5 167.3
98 62.0 52.6 79.0

Manual Integrations
APPROVED

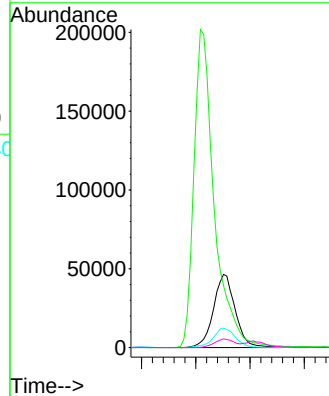
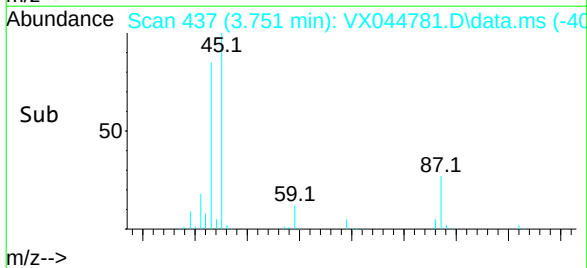
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

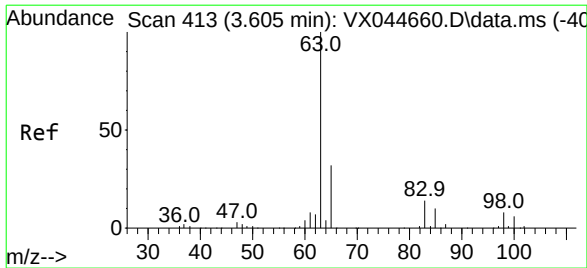


#20
Diisopropyl ether
Concen: 21.350 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00



Tgt Ion: 45 Resp: 129012
Ion Ratio Lower Upper
45 100
43 83.0 62.6 94.0
87 26.7 22.7 34.1
59 12.0 9.4 14.2





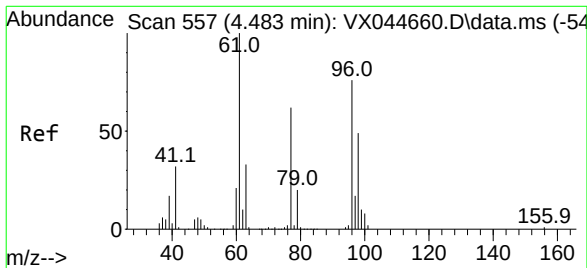
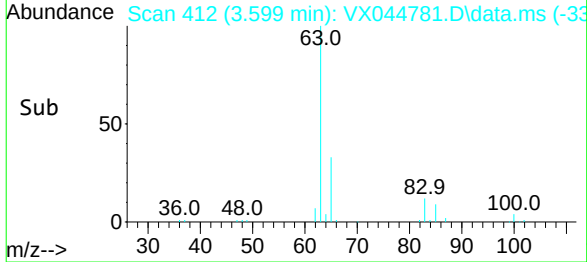
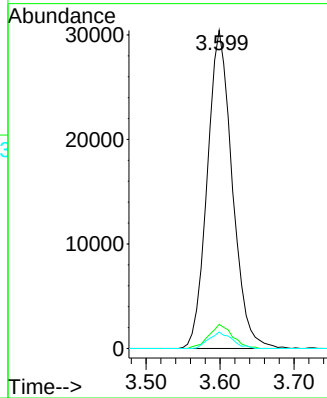
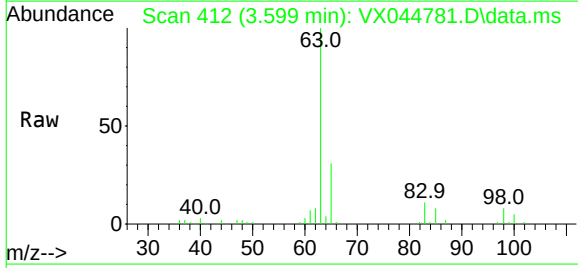
#21
1,1-Dichloroethane
Concen: 19.914 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	5.2	2.8	8.3

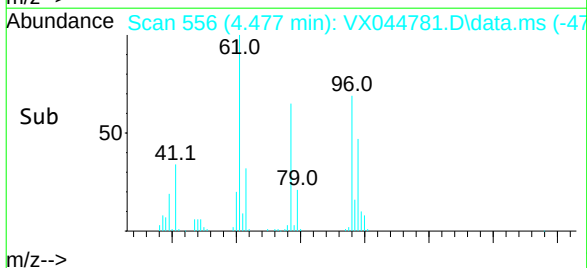
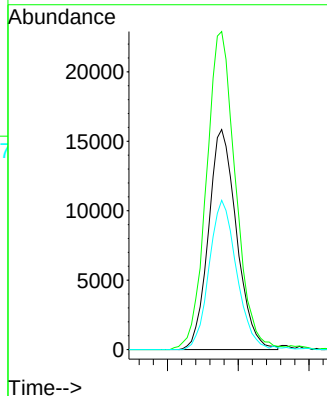
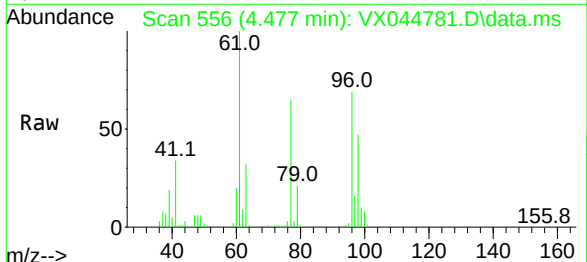
Manual Integrations
APPROVED

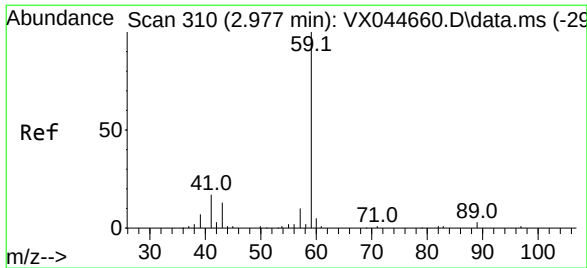
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#22
cis-1,2-Dichloroethene
Concen: 19.263 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.8	115.2	172.8
98	66.0	51.8	77.6





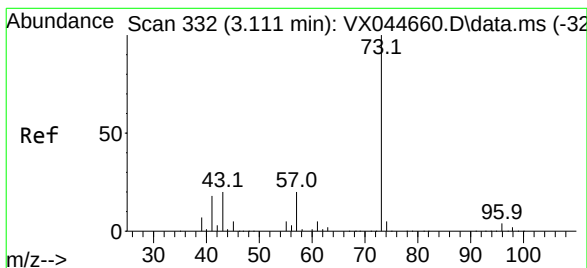
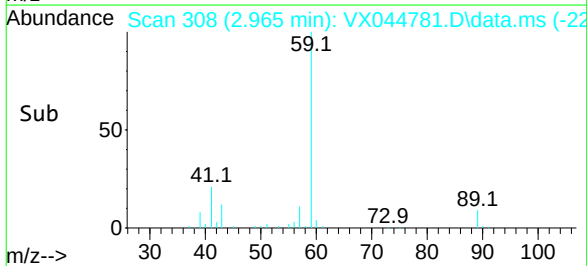
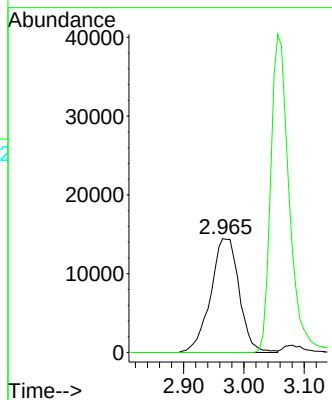
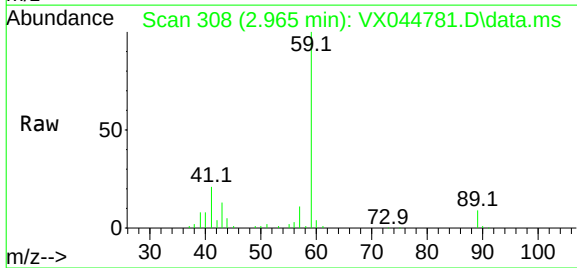
#23
tert-Butyl Alcohol
Concen: 100.075 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 47536
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#

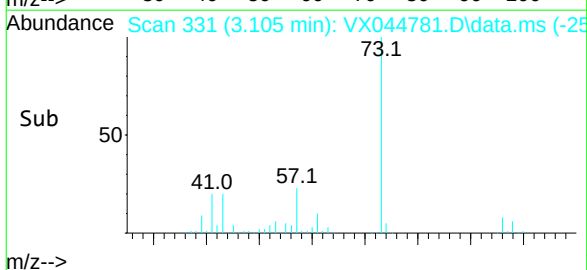
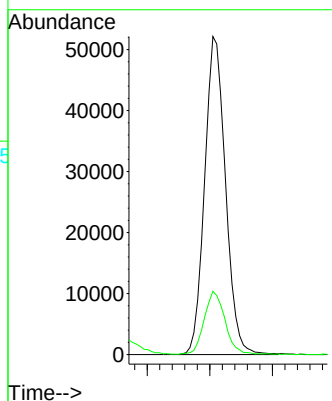
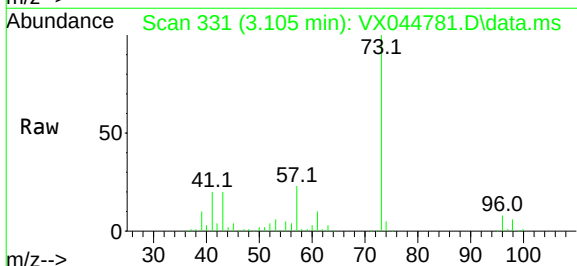
Manual Integrations
APPROVED

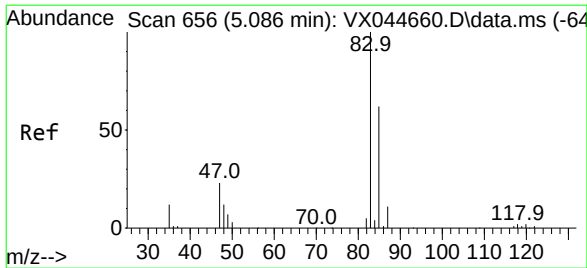
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#24
Methyl tert-Butyl Ether
Concen: 18.910 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 73 Resp: 120959
Ion Ratio Lower Upper
73 100
43 19.5 16.9 25.3





#25

Chloroform

Concen: 19.884 ug/l

RT: 5.080 min Scan# 65

Delta R.T. -0.006 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 70823

Ion Ratio Lower Upper

83 100

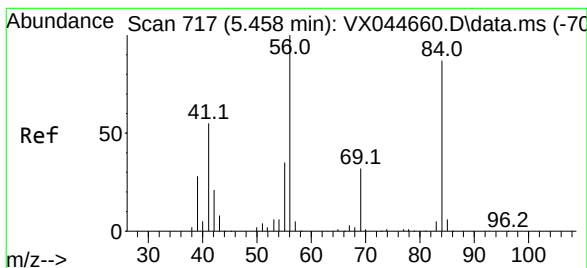
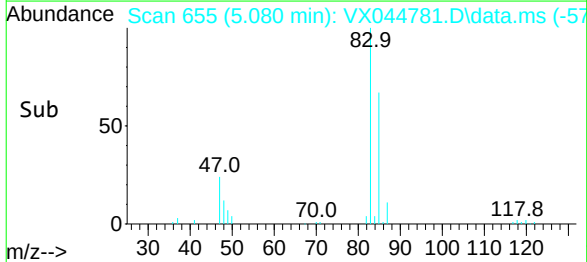
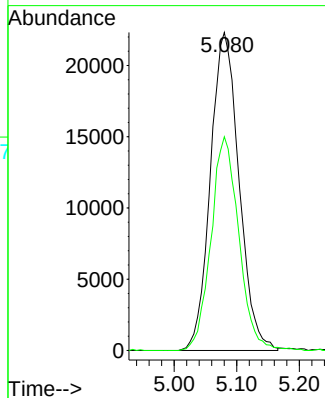
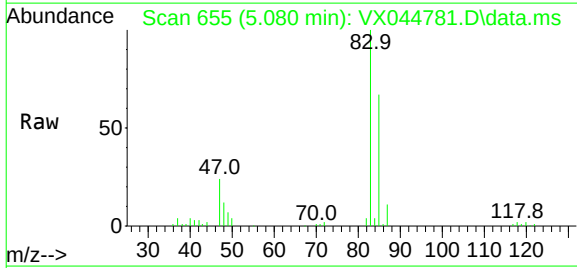
85 67.2 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#26

Cyclohexane

Concen: 22.030 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

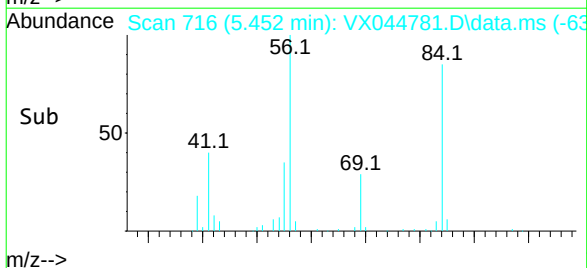
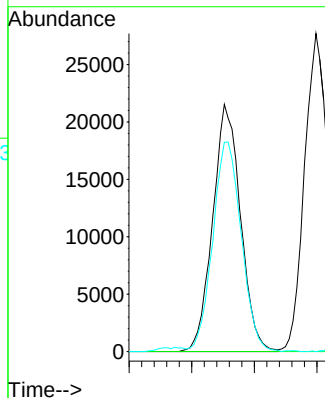
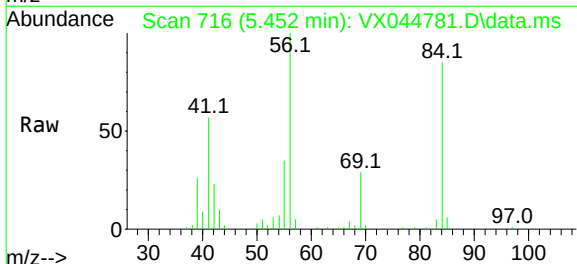
Tgt Ion: 56 Resp: 66370

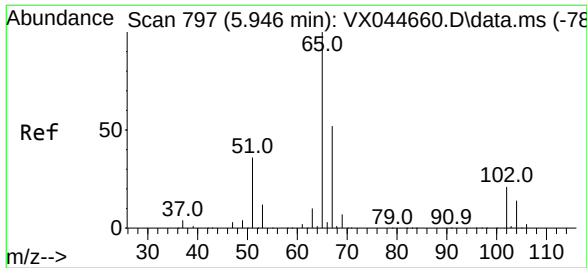
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.2 72.2 108.4





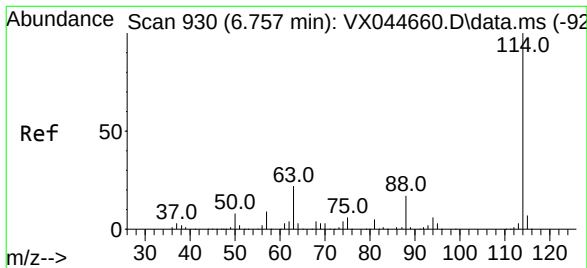
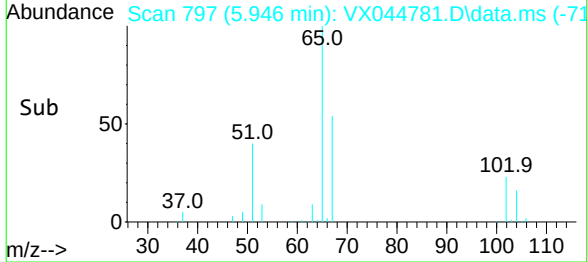
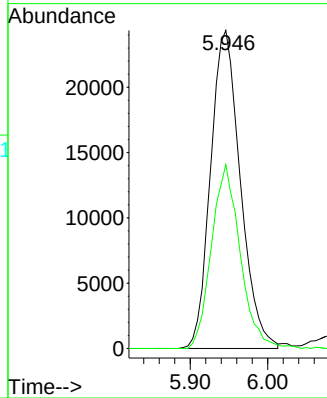
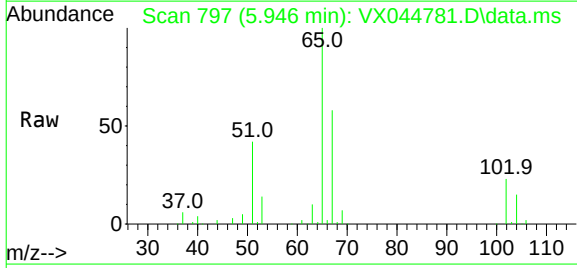
#27
1,2-Dichloroethane-d4
Concen: 26.952 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 65031
Ion Ratio Lower Upper
65 100
67 55.3 41.4 62.2

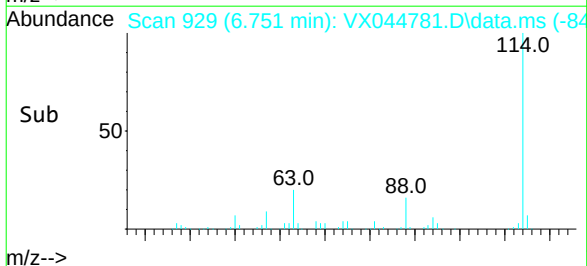
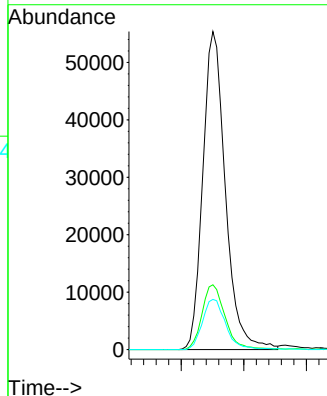
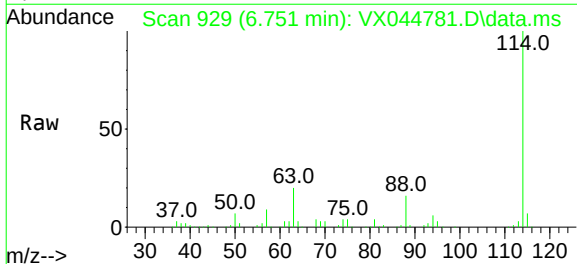
Manual Integrations
APPROVED

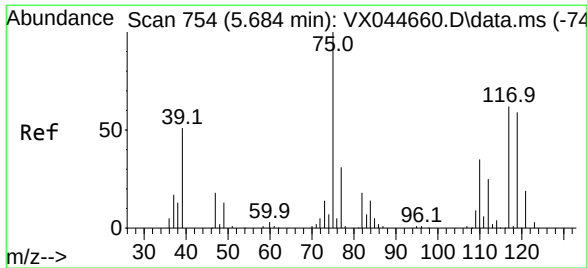
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

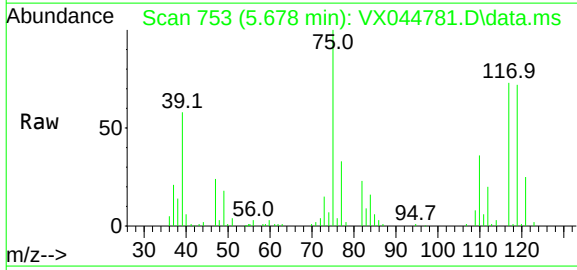
Tgt Ion:114 Resp: 138760
Ion Ratio Lower Upper
114 100
63 20.8 16.6 24.8
88 16.1 13.4 20.2





#29
1,1-Dichloropropene
Concen: 19.850 ug/l
RT: 5.678 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

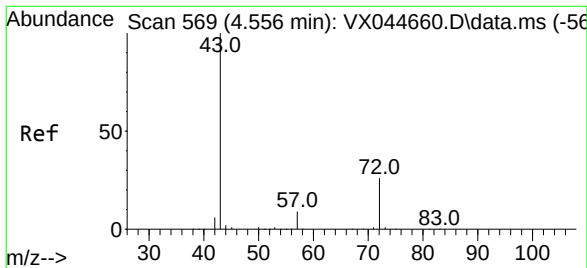
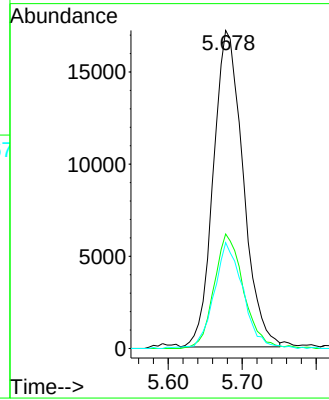
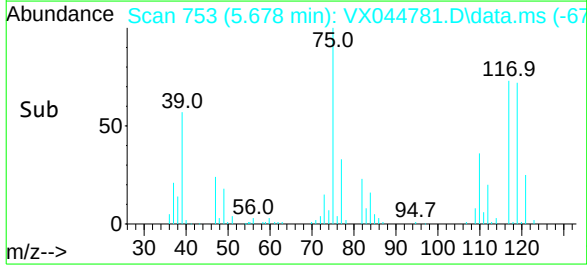
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 47908
Ion Ratio Lower Upper
75 100
110 35.8 0.0 69.4
77 32.2 0.0 59.8

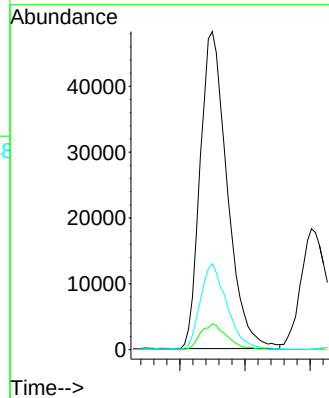
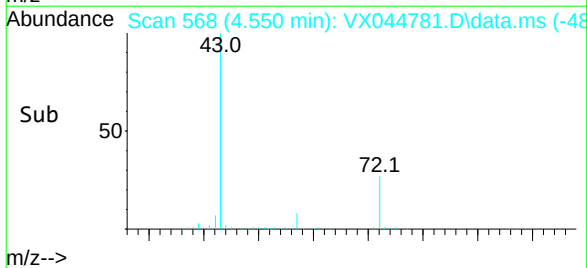
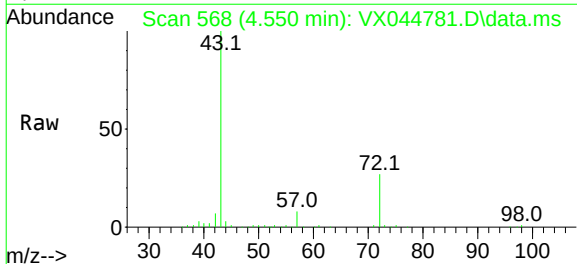
Manual Integrations
APPROVED

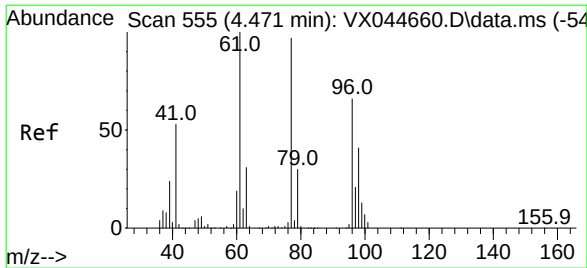
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
2-Butanone
Concen: 104.964 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

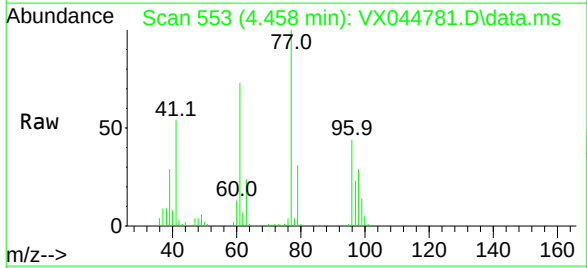
Tgt Ion: 43 Resp: 139164
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 26.8 21.5 32.3





#31
2,2-Dichloropropane
Concen: 18.146 ug/l
RT: 4.458 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

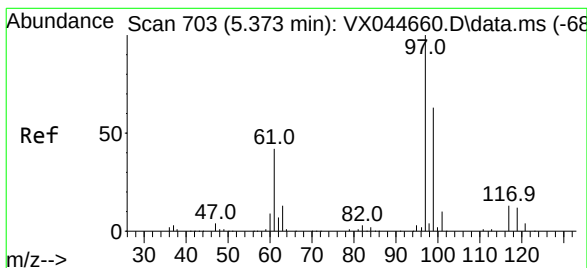
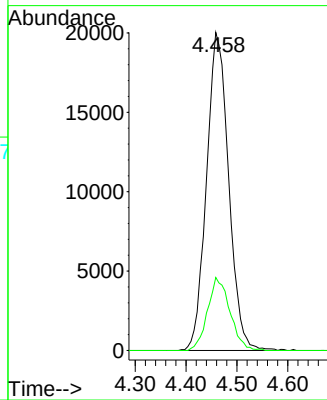
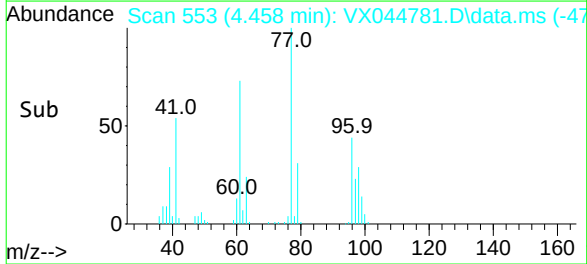
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 60605
Ion Ratio Lower Upper
77 100
97 23.0 18.6 27.8

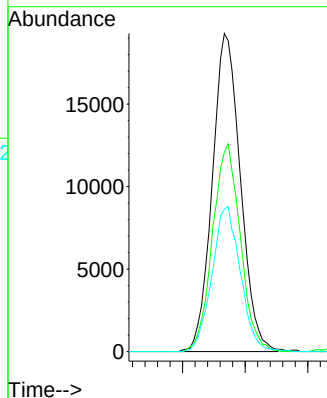
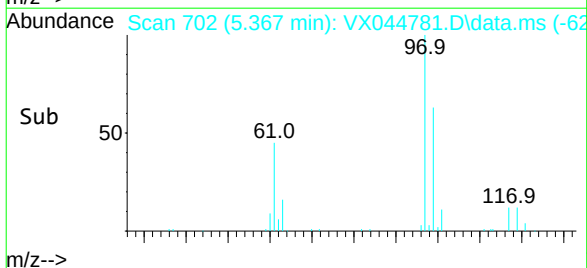
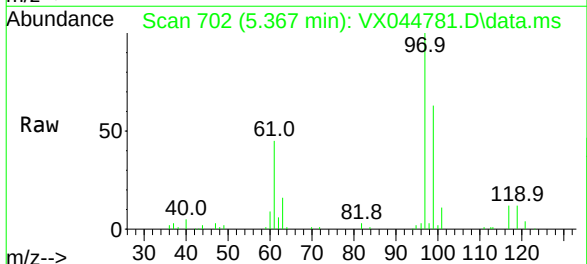
Manual Integrations
APPROVED

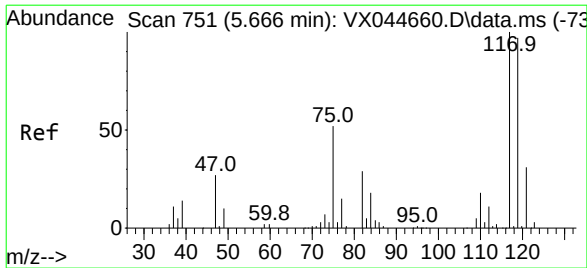
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#32
1,1,1-Trichloroethane
Concen: 18.782 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

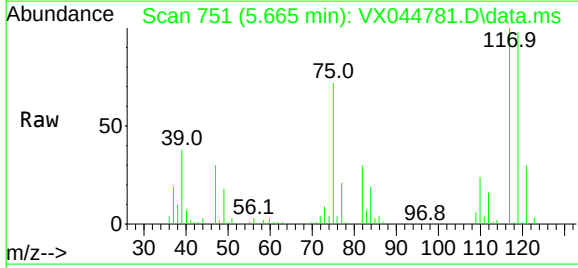
Tgt Ion: 97 Resp: 60076
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 46.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.906 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

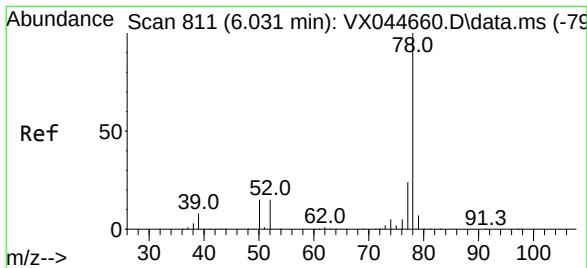
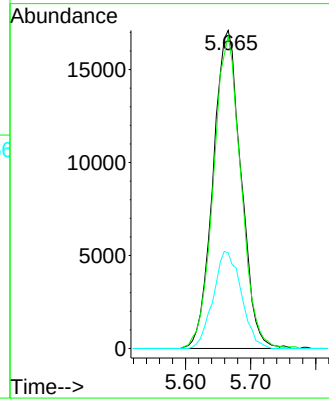
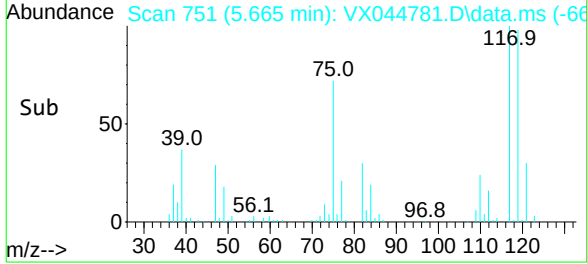
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 51011
Ion Ratio Lower Upper
117 100
119 98.1 77.3 115.9
121 30.1 24.6 37.0

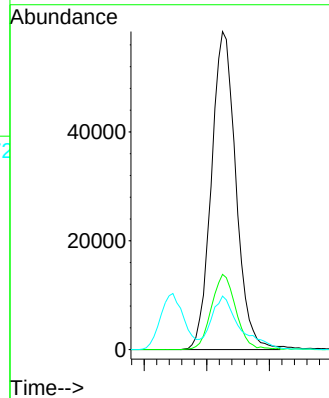
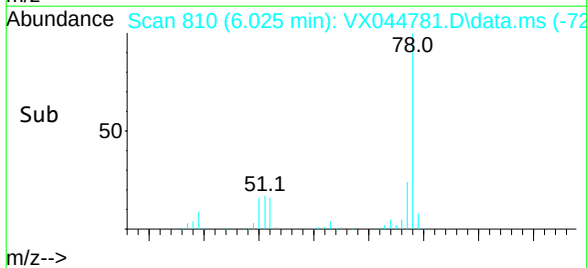
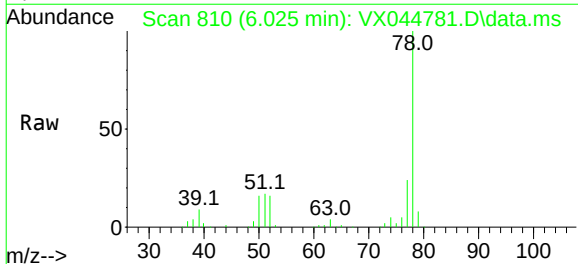
Manual Integrations
APPROVED

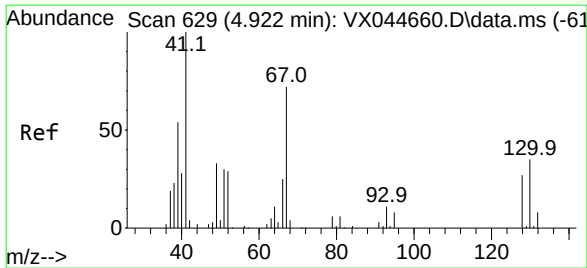
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#34
Benzene
Concen: 20.648 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

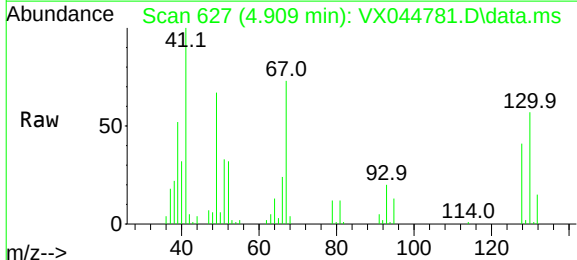
Tgt Ion: 78 Resp: 158997
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 16.3 12.7 19.1





#35
Methacrylonitrile
Concen: 20.610 ug/l
RT: 4.909 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

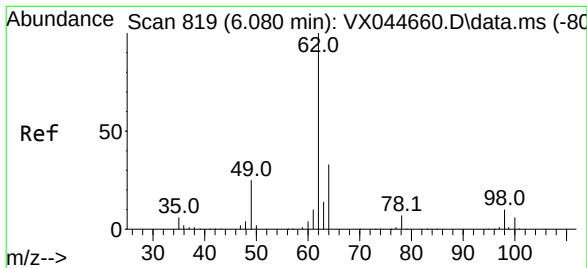
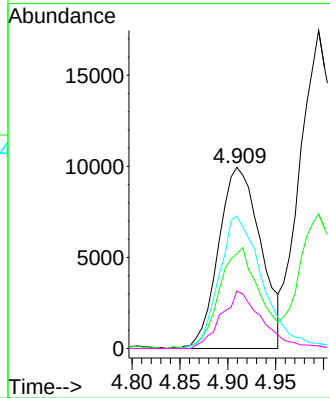
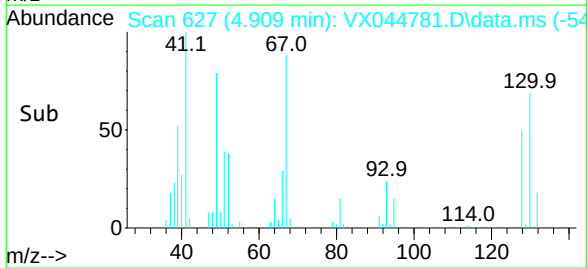
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 30539
Ion Ratio Lower Upper
41 100
39 51.6 27.1 81.3
67 73.1 35.8 107.4
52 31.7 14.4 43.2

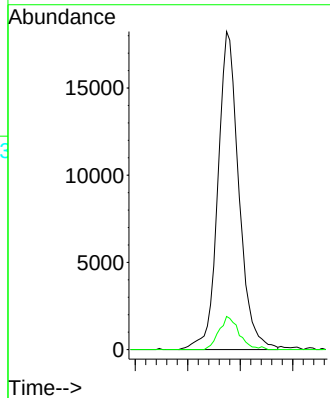
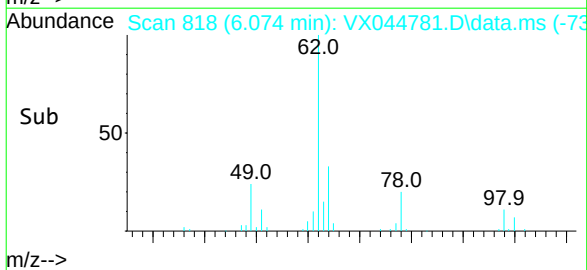
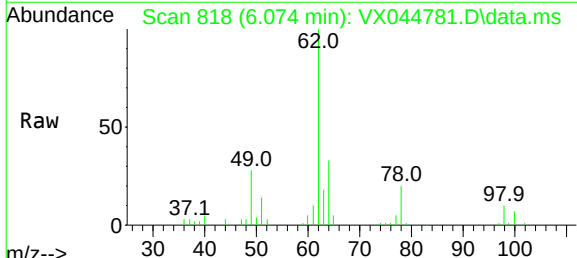
Manual Integrations
APPROVED

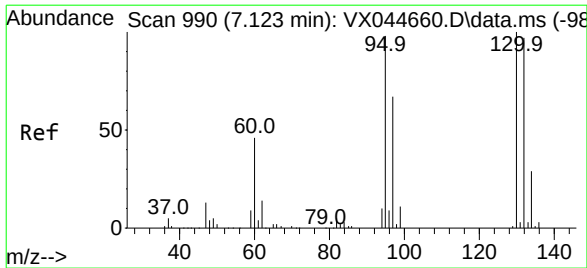
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#36
1,2-Dichloroethane
Concen: 18.416 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

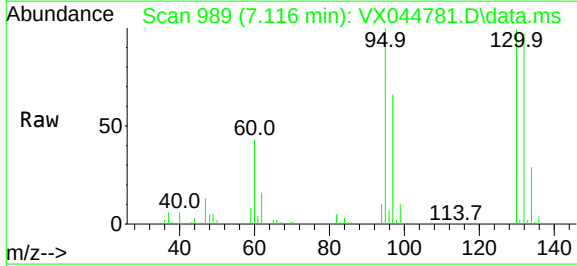
Tgt Ion: 62 Resp: 50703
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2





#37
Trichloroethene
Concen: 19.652 ug/l
RT: 7.116 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

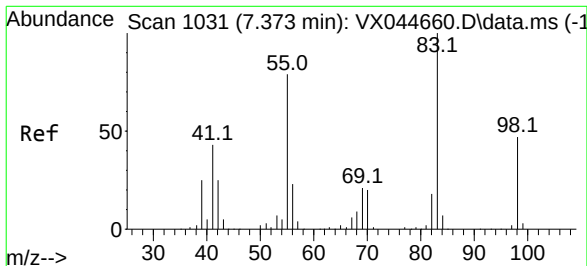
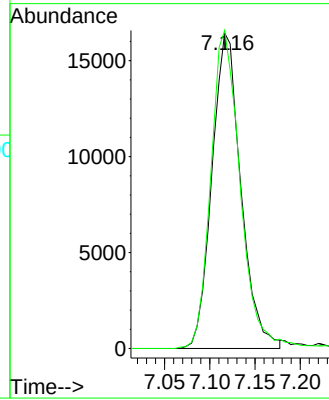
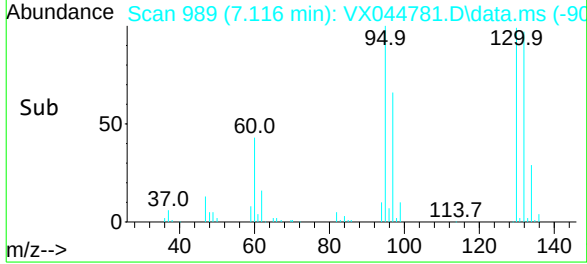
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



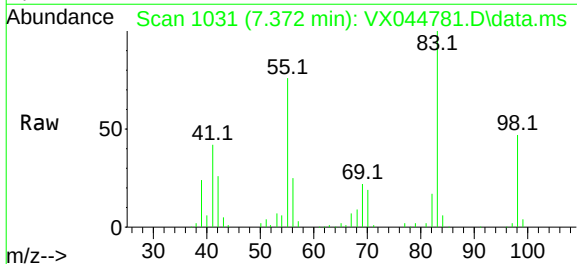
Tgt Ion:130 Resp: 36535
Ion Ratio Lower Upper
130 100
95 100.4 78.2 117.4

Manual Integrations
APPROVED

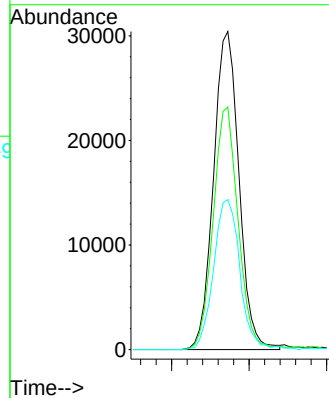
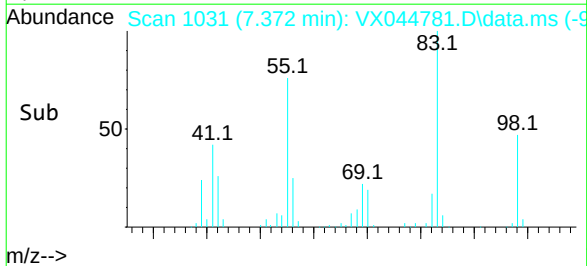
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

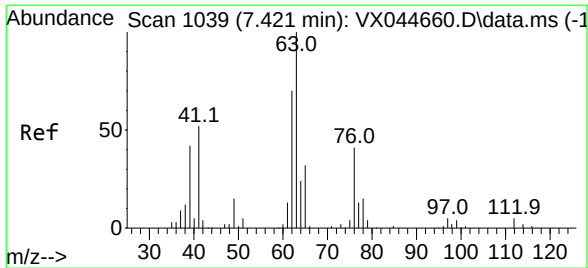


#38
Methylcyclohexane
Concen: 21.147 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00



Tgt Ion: 83 Resp: 69348
Ion Ratio Lower Upper
83 100
55 74.4 38.4 115.2
98 48.3 24.4 73.4





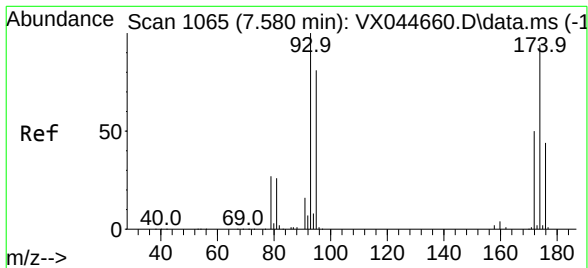
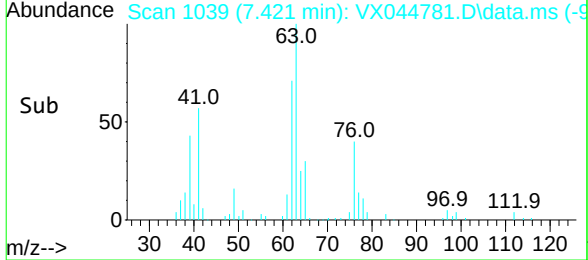
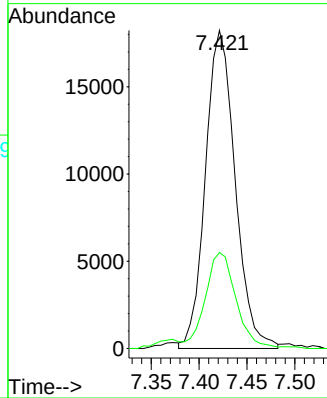
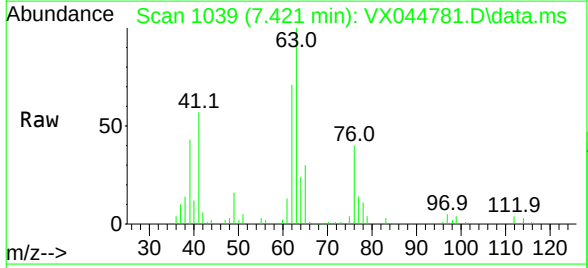
#39
1,2-Dichloropropane
Concen: 20.484 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 39334
Ion Ratio Lower Upper
63 100
65 30.1 25.5 38.3

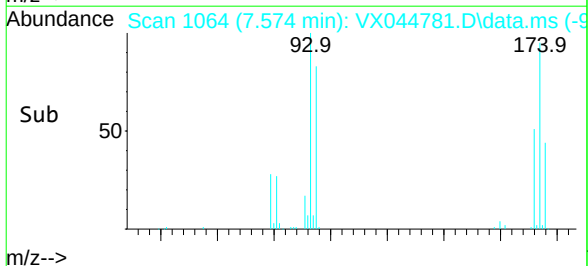
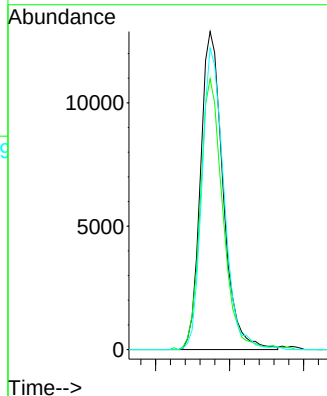
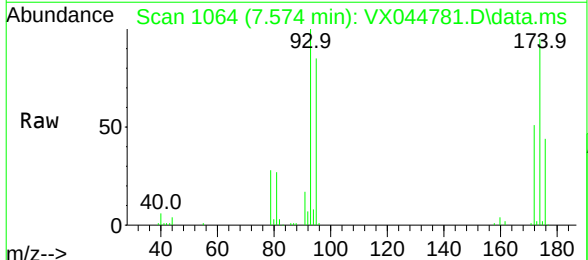
Manual Integrations
APPROVED

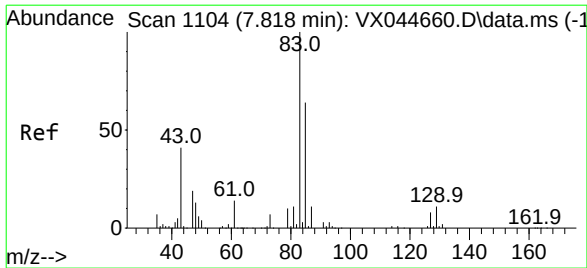
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Dibromomethane
Concen: 19.106 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 93 Resp: 27275
Ion Ratio Lower Upper
93 100
95 84.4 0.0 167.0
174 92.3 0.0 182.0





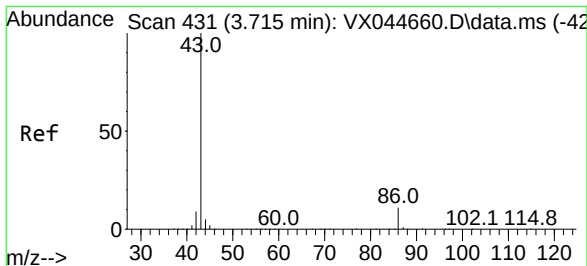
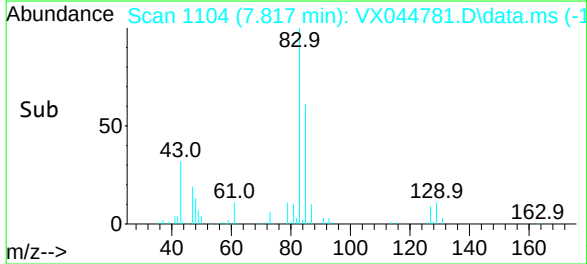
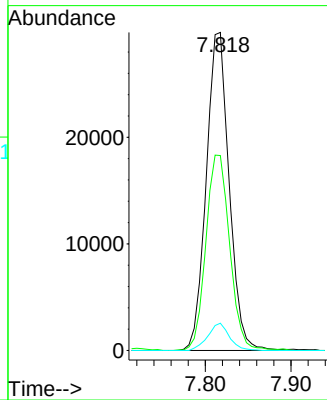
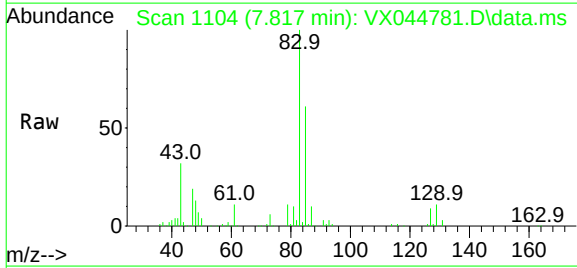
#41
Bromodichloromethane
Concen: 18.814 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 55456
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3
127 8.6 6.5 9.7

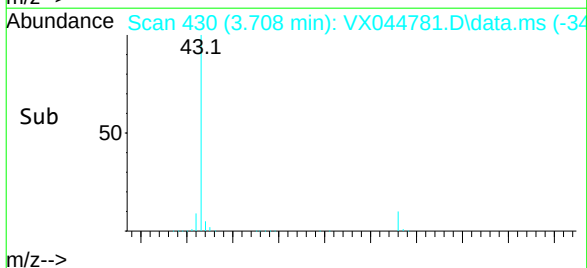
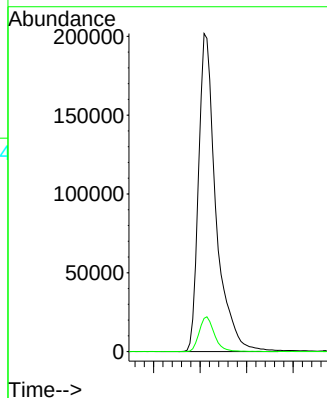
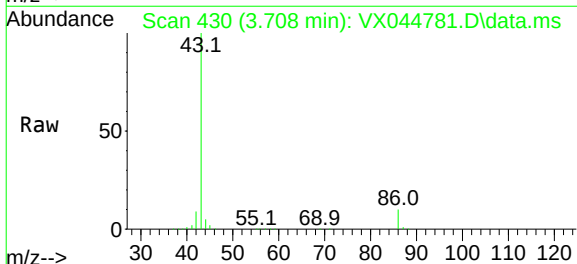
Manual Integrations
APPROVED

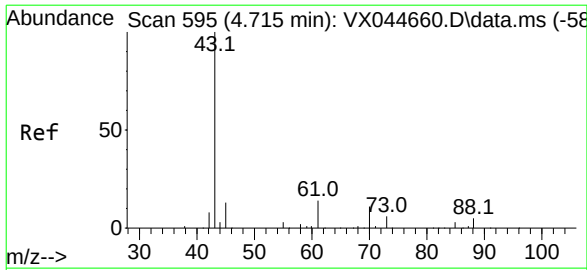
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#42
Vinyl Acetate
Concen: 99.944 ug/l
RT: 3.708 min Scan# 430
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 43 Resp: 526238
Ion Ratio Lower Upper
43 100
86 9.5 8.0 12.0





#43

Ethyl Acetate

Concen: 19.633 ug/l

RT: 4.702 min Scan# 59

Delta R.T. -0.012 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 51061

Ion Ratio Lower Upper

43 100

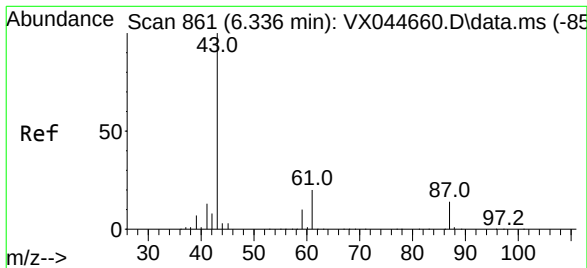
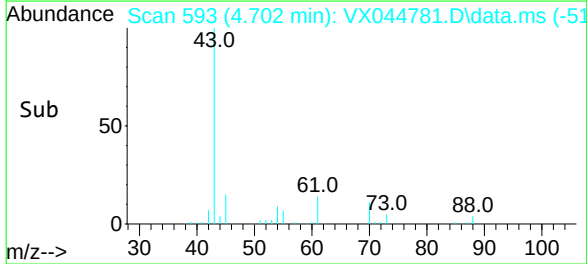
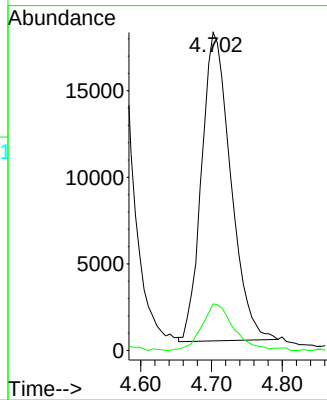
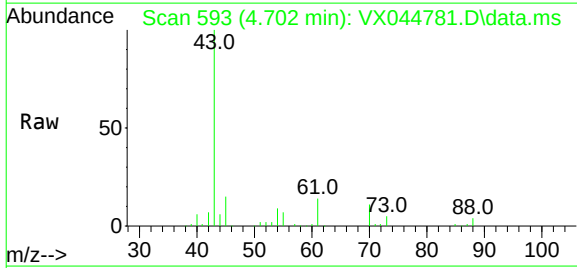
45 16.3 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#44

Isopropyl Acetate

Concen: 19.804 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX044781.D

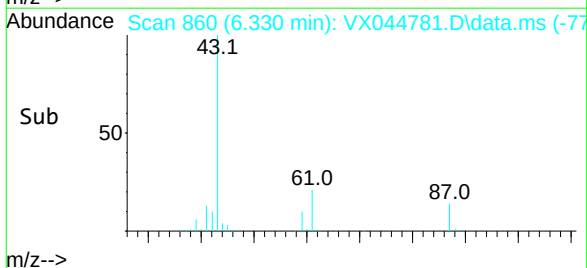
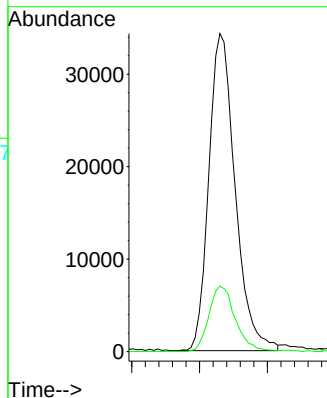
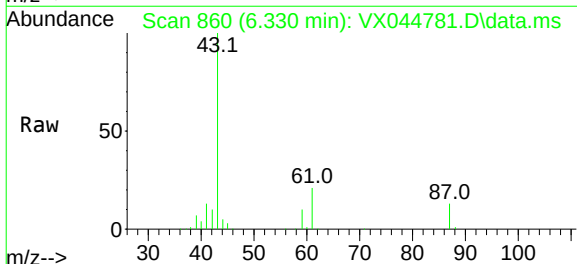
Acq: 30 Jan 2025 16:00

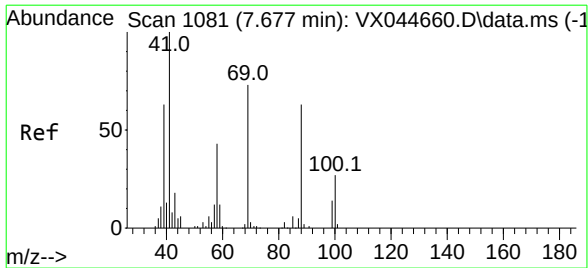
Tgt Ion: 43 Resp: 92530

Ion Ratio Lower Upper

43 100

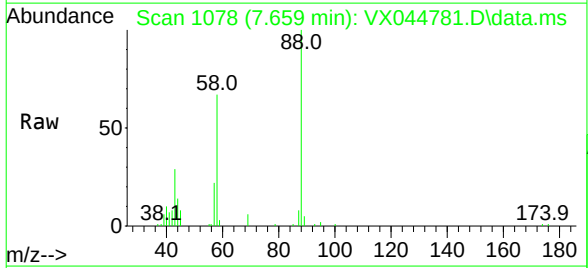
61 20.7 16.2 24.4





#45
1,4-Dioxane
Concen: 408.711 ug/l
RT: 7.659 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

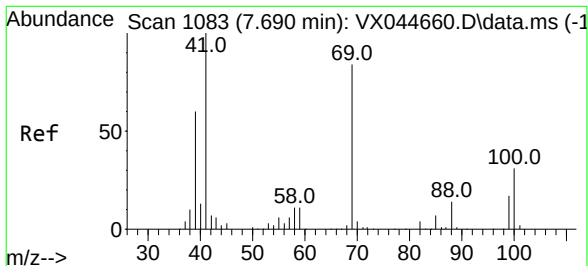
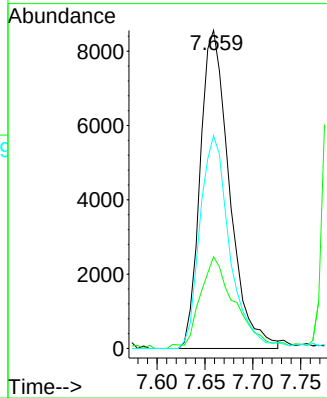
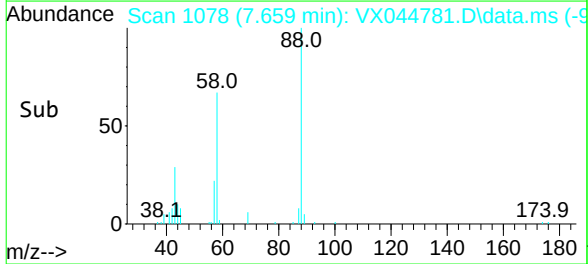
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 18184
Ion Ratio Lower Upper
88 100
43 30.5 25.9 38.9
58 66.9 58.9 88.3

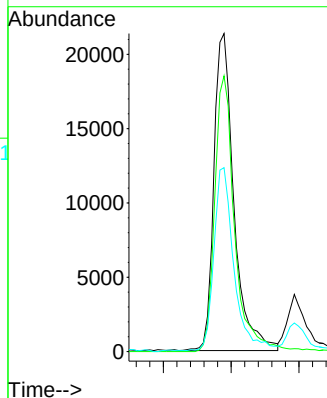
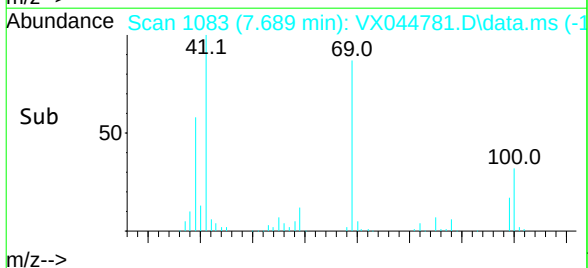
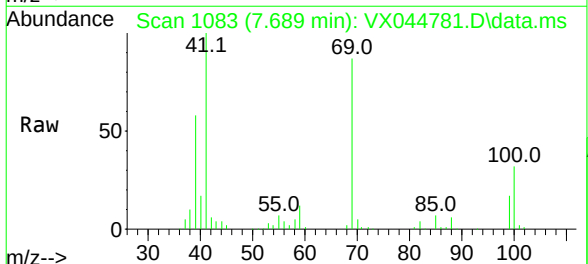
Manual Integrations
APPROVED

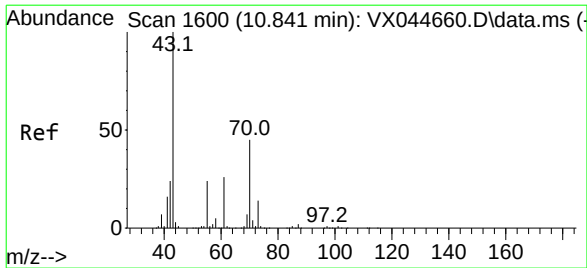
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Methyl methacrylate
Concen: 19.147 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 41 Resp: 43789
Ion Ratio Lower Upper
41 100
69 87.0 41.9 125.7
39 57.6 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.289 ug/l

RT: 10.841 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 83479

Ion Ratio Lower Upper

43 100

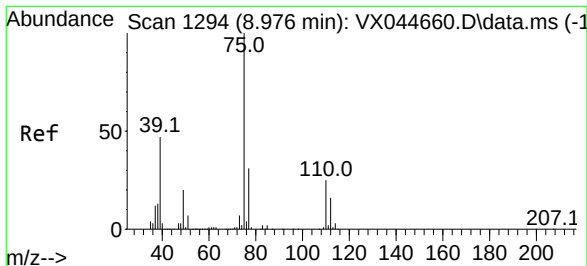
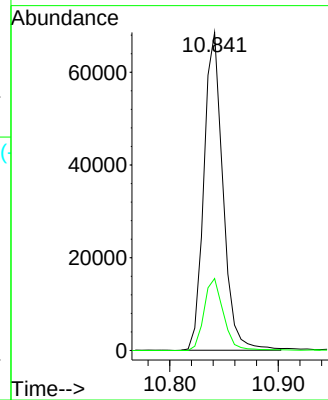
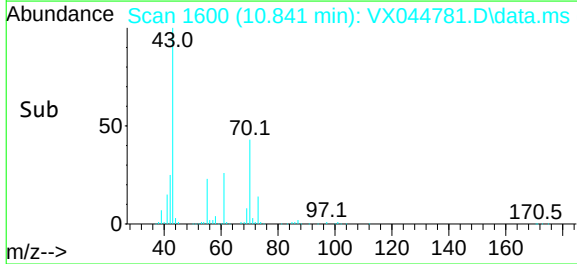
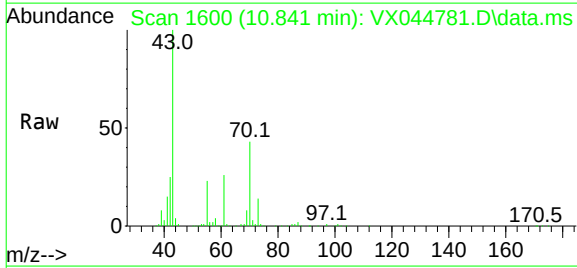
55 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#48

t-1,3-Dichloropropene

Concen: 18.139 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044781.D

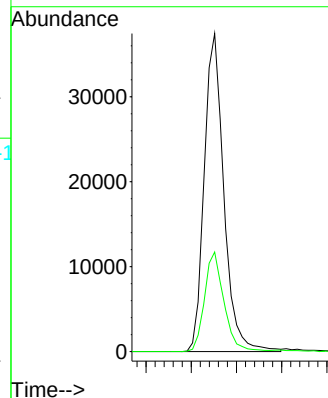
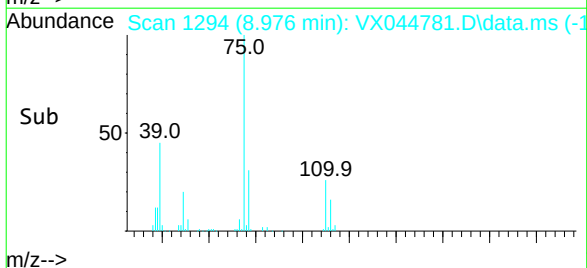
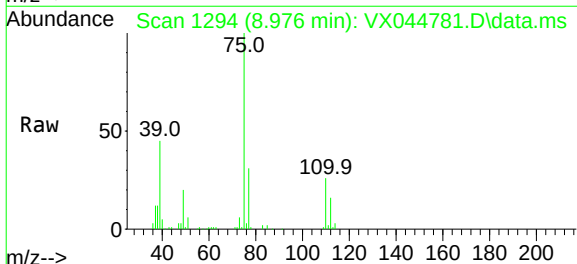
Acq: 30 Jan 2025 16:00

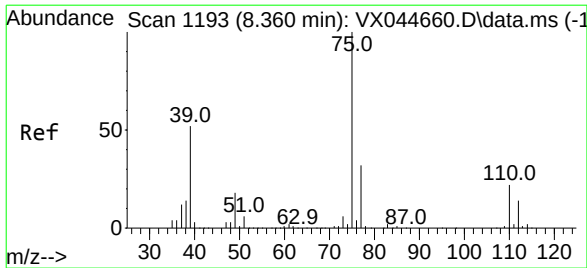
Tgt Ion: 75 Resp: 56435

Ion Ratio Lower Upper

75 100

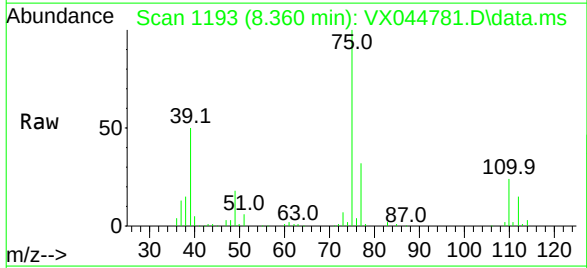
77 31.3 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 18.813 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

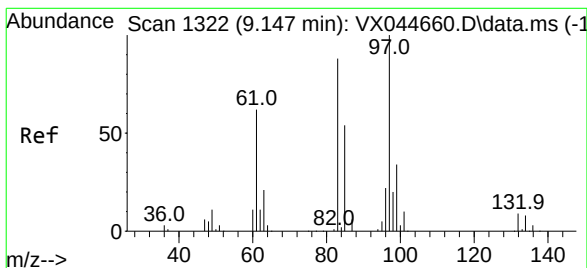
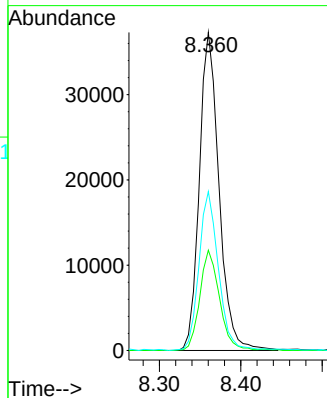
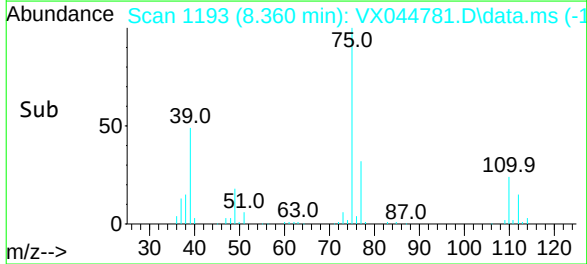
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 62762
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 49.7 41.4 62.0

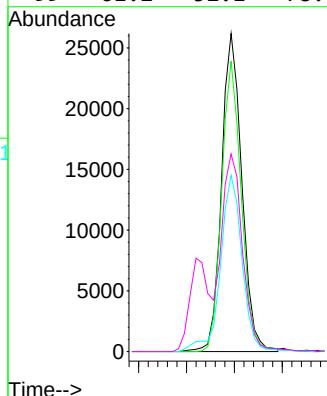
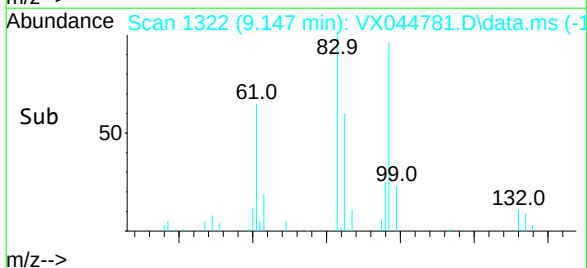
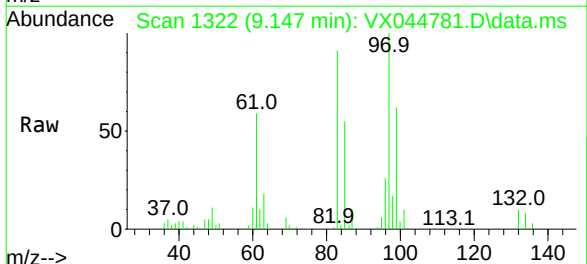
Manual Integrations
APPROVED

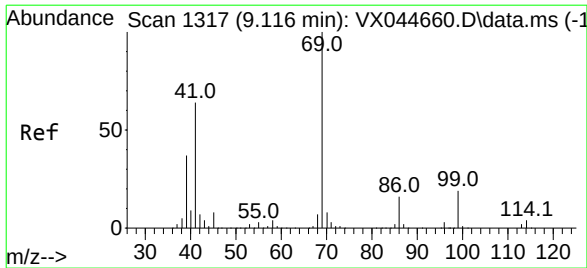
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#50
1,1,2-Trichloroethane
Concen: 20.927 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 97 Resp: 38475
Ion Ratio Lower Upper
97 100
83 91.3 69.2 103.8
85 55.4 44.8 67.2
99 61.2 52.1 78.1





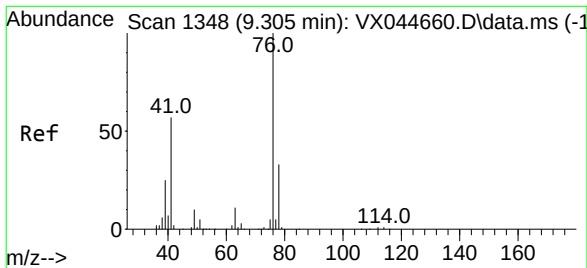
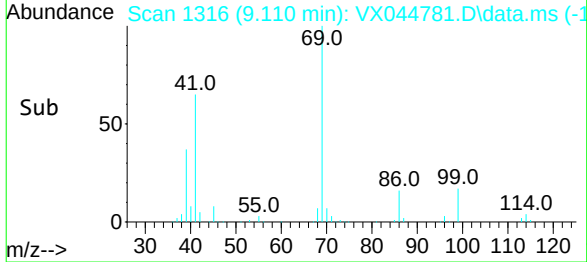
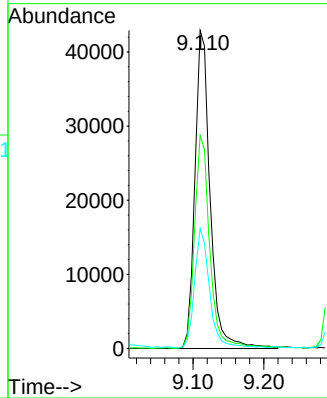
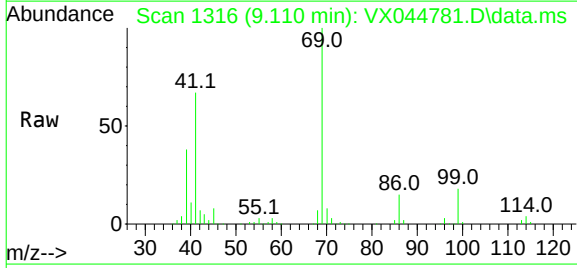
#51
Ethyl methacrylate
Concen: 20.052 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	32.0	96.0
39	37.5	18.6	55.6

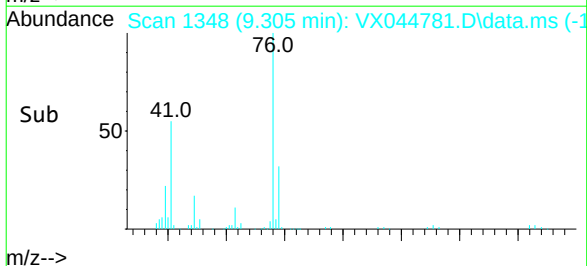
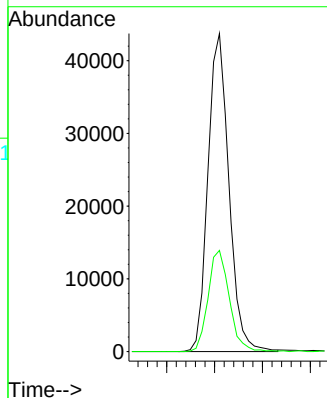
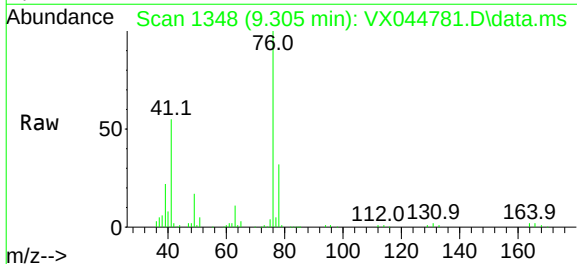
Manual Integrations
APPROVED

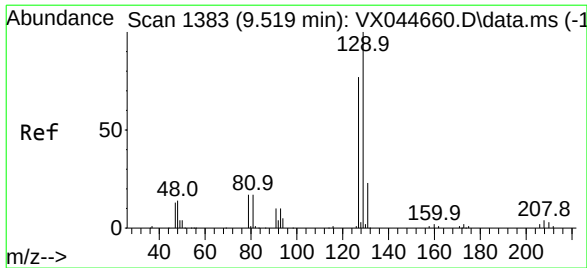
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
1,3-Dichloropropane
Concen: 20.933 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	64.0





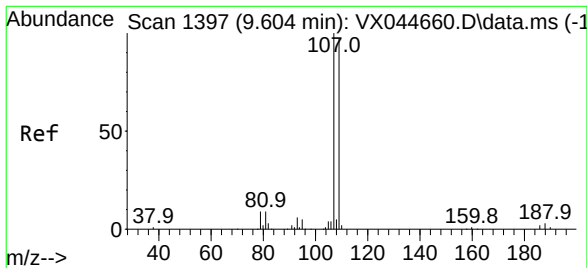
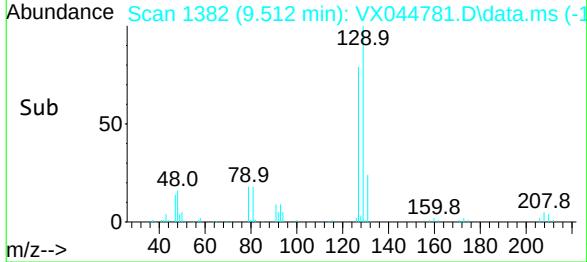
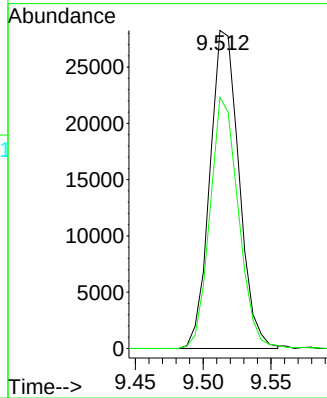
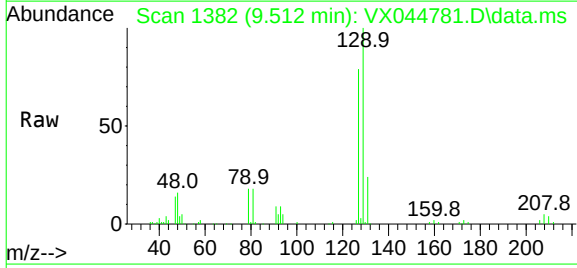
#53
Dibromochloromethane
Concen: 19.235 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 42259
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.4

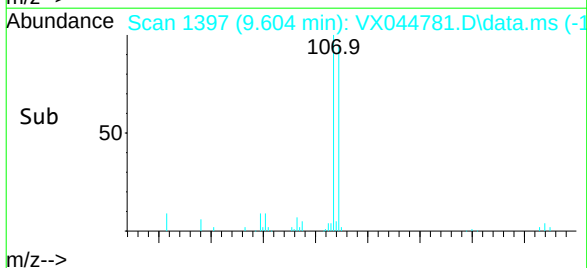
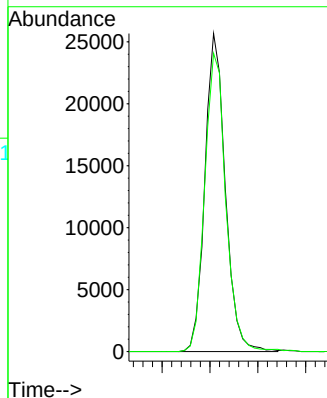
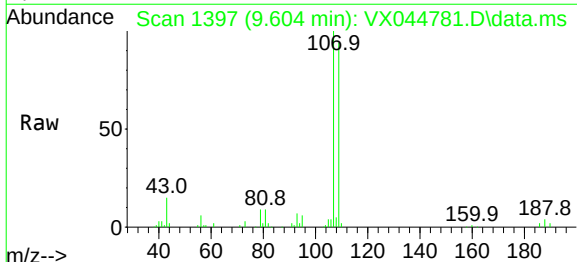
Manual Integrations
APPROVED

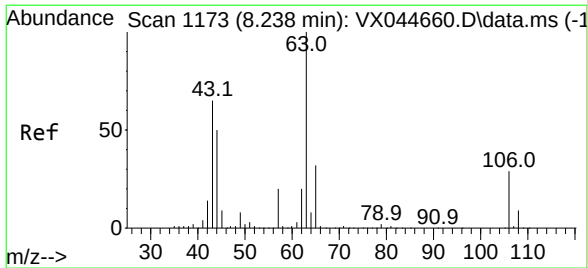
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#54
1,2-Dibromoethane
Concen: 19.571 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

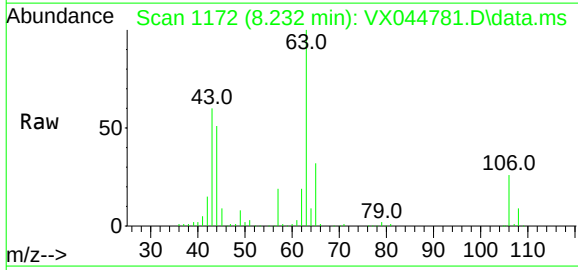
Tgt Ion:107 Resp: 38037
Ion Ratio Lower Upper
107 100
109 96.7 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 96.290 ug/l
RT: 8.232 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

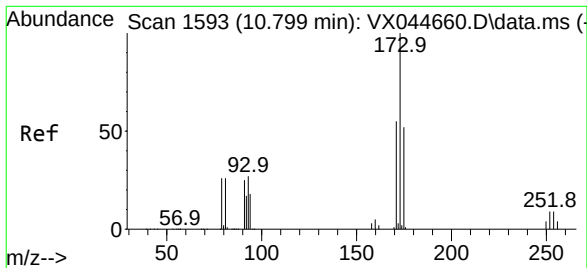
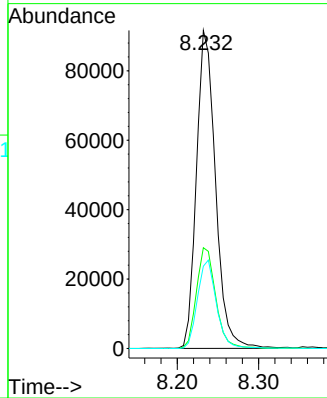
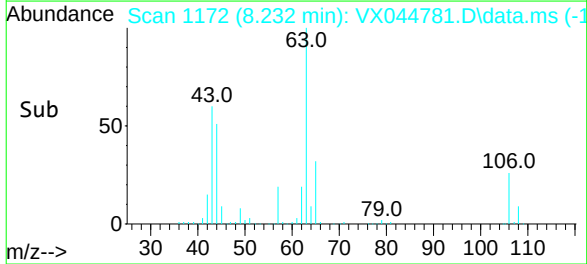
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 149222
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 27.4 23.1 34.7

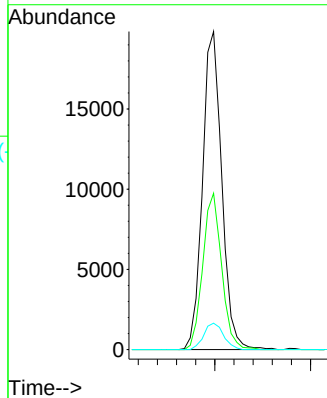
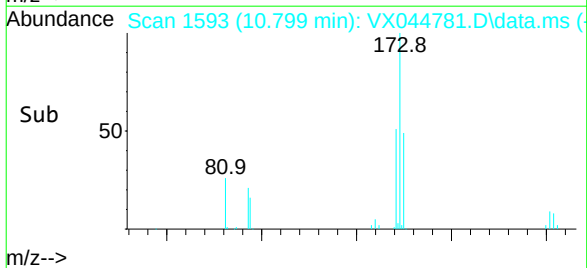
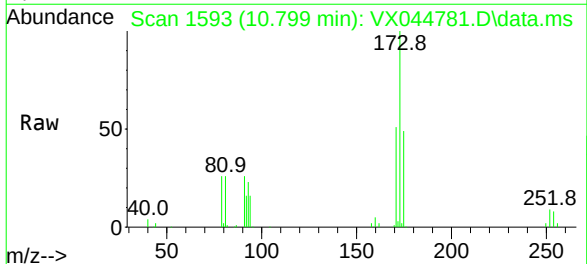
Manual Integrations
APPROVED

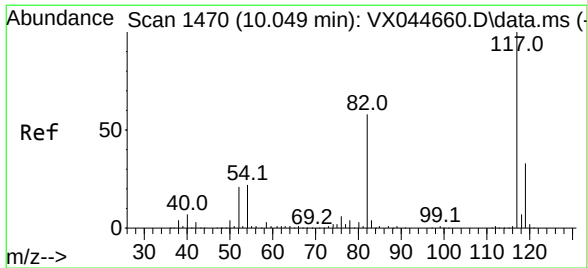
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#56
Bromoform
Concen: 19.003 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

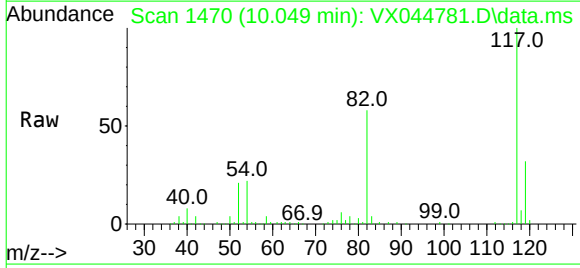
Tgt Ion:173 Resp: 27683
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 8.5 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

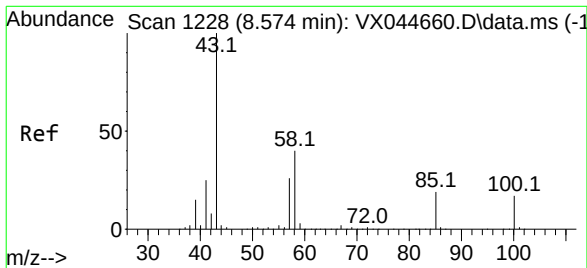
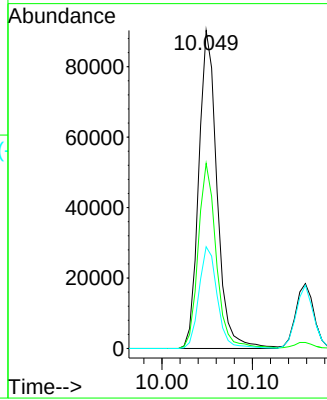
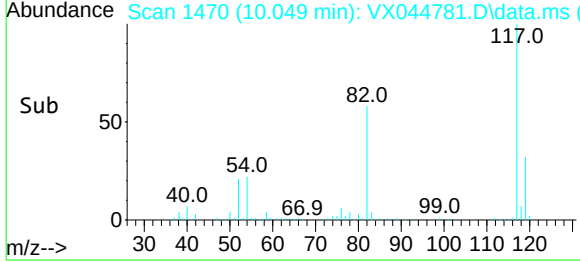
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



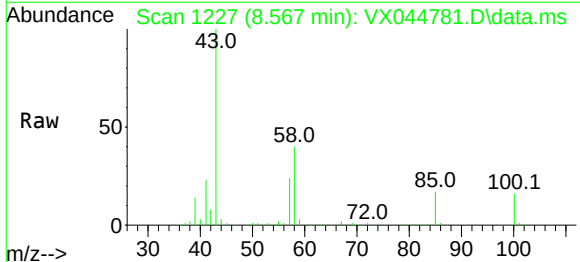
Tgt Ion: 117 Resp: 127034
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.6
119 32.2 25.8 38.6

Manual Integrations
APPROVED

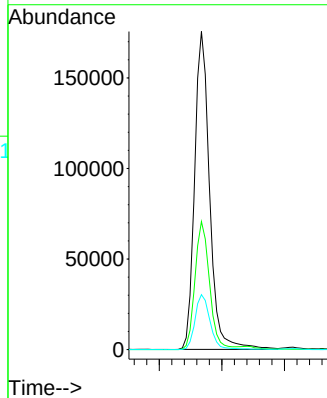
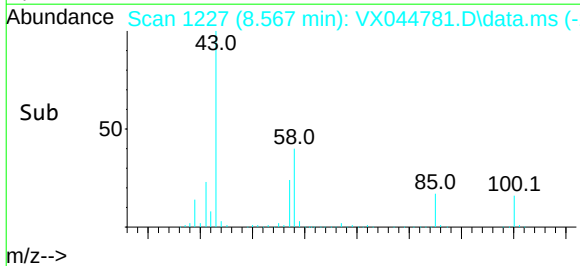
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

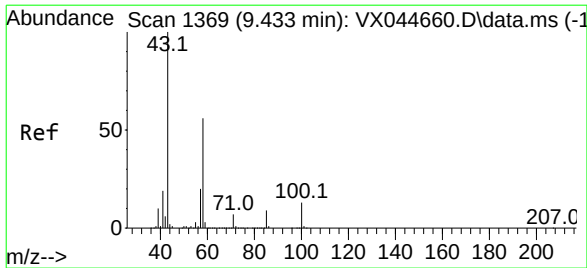


#58
4-Methyl-2-Pentanone
Concen: 109.396 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00



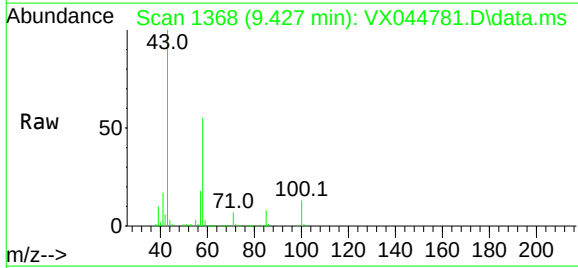
Tgt Ion: 43 Resp: 292928
Ion Ratio Lower Upper
43 100
58 38.8 31.7 47.5
85 17.2 15.0 22.6





#59
2-Hexanone
Concen: 109.007 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

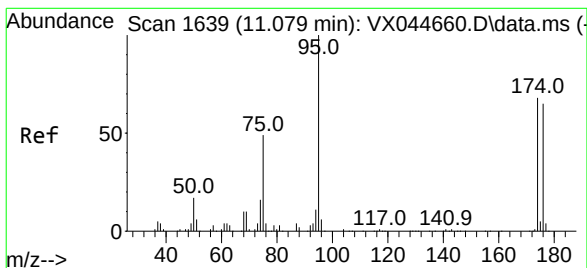
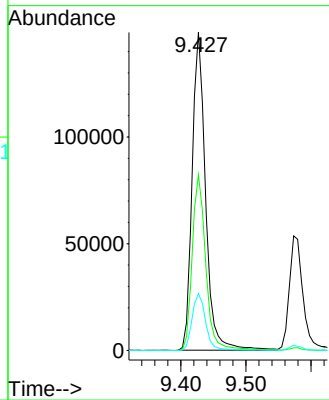
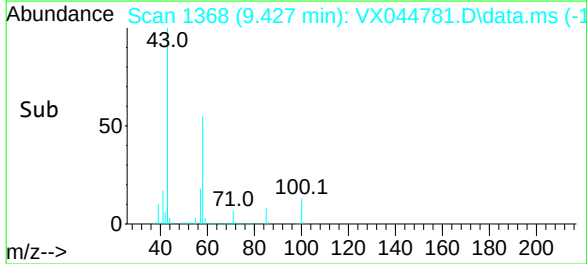
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 213692
Ion Ratio Lower Upper
43 100
58 55.4 44.4 66.6
57 18.1 15.5 23.3

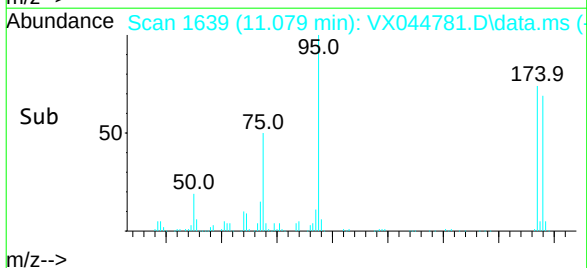
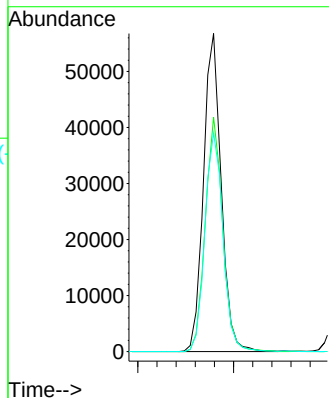
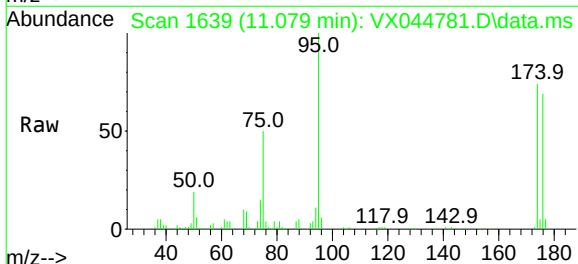
Manual Integrations
APPROVED

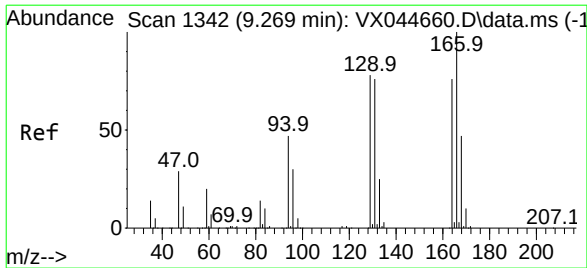
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
4-Bromofluorobenzene
Concen: 29.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

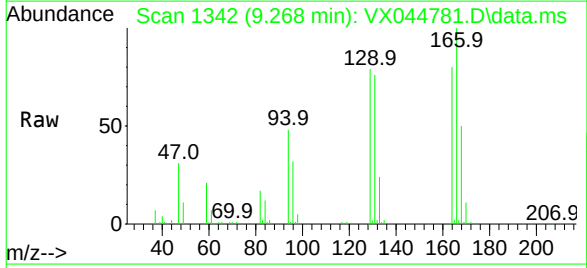
Tgt Ion: 95 Resp: 73020
Ion Ratio Lower Upper
95 100
174 72.4 54.6 81.8
176 70.4 52.8 79.2





#61
Tetrachloroethene
Concen: 20.228 ug/l
RT: 9.268 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

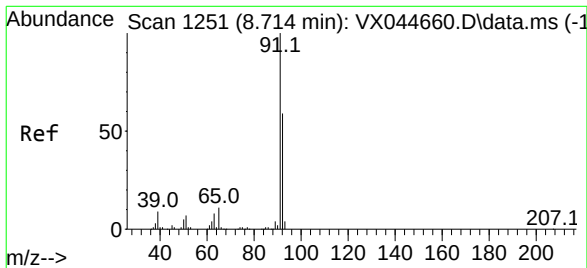
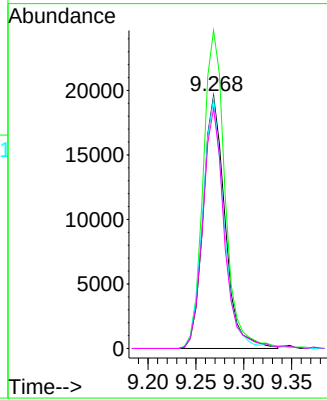
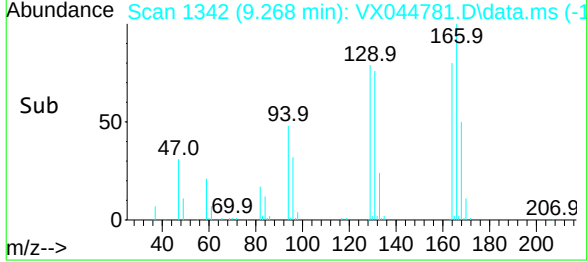
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 30824
Ion Ratio Lower Upper
164 100
166 125.8 105.6 158.4
129 98.9 82.8 124.2
131 95.0 80.2 120.4

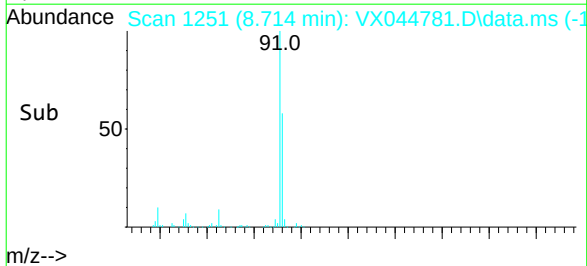
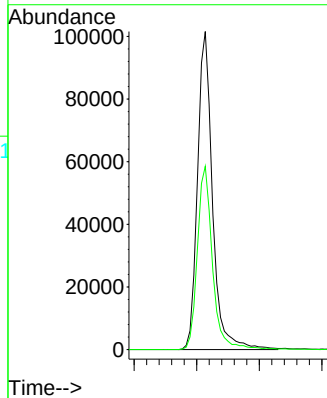
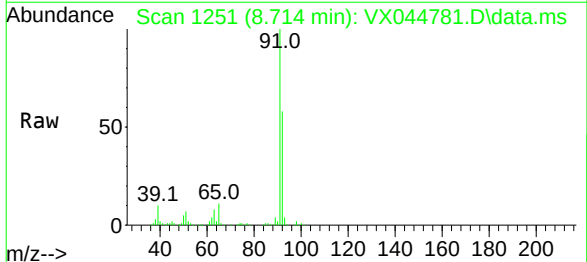
Manual Integrations
APPROVED

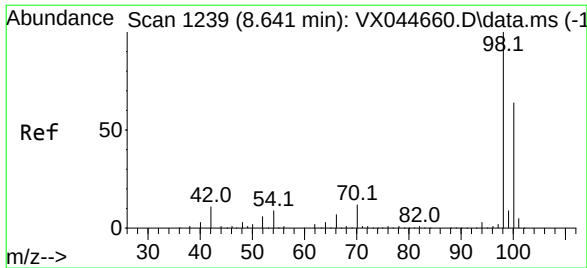
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#62
Toluene
Concen: 20.213 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 91 Resp: 169079
Ion Ratio Lower Upper
91 100
92 57.7 47.3 70.9





#63

Toluene-d8

Concen: 29.595 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 204480

Ion Ratio Lower Upper

98 100

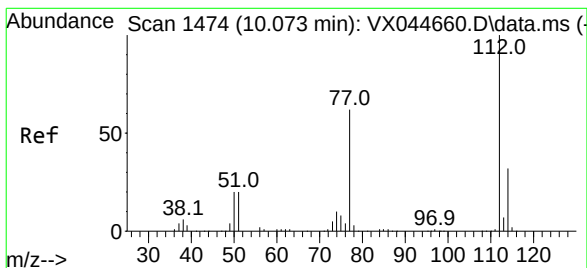
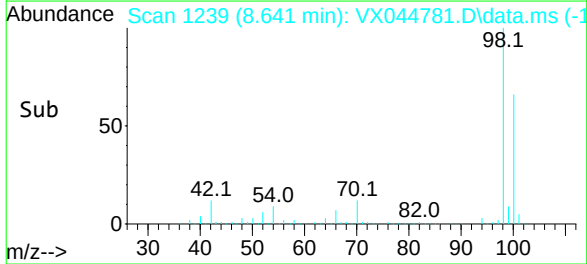
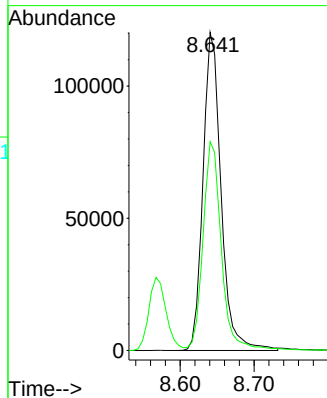
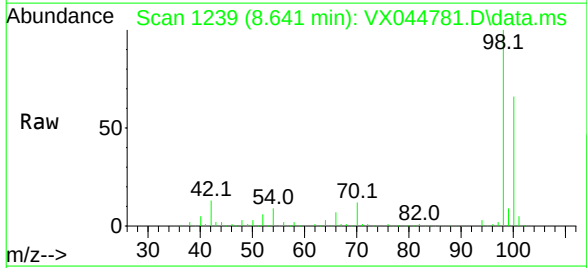
100 67.0 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#64

Chlorobenzene

Concen: 20.288 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX044781.D

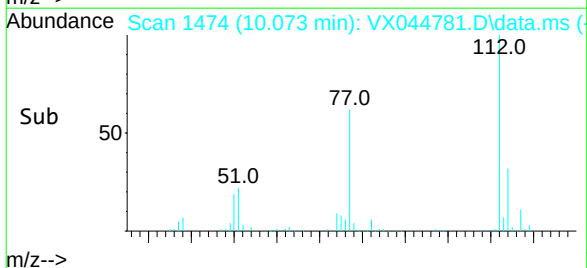
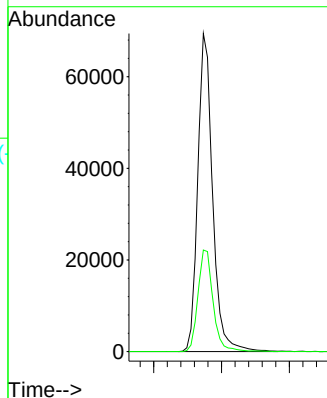
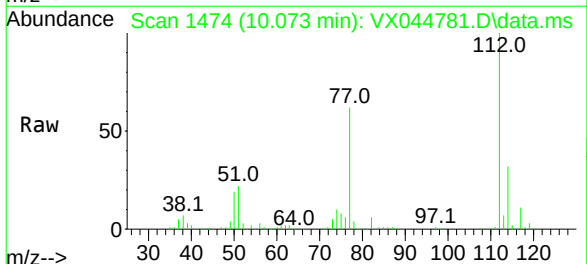
Acq: 30 Jan 2025 16:00

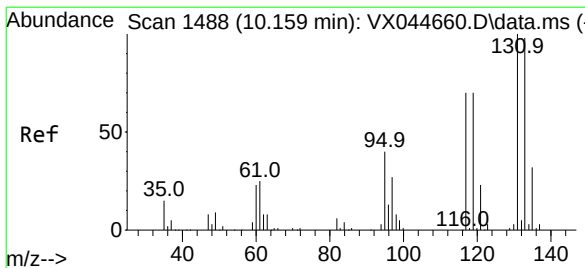
Tgt Ion:112 Resp: 105396

Ion Ratio Lower Upper

112 100

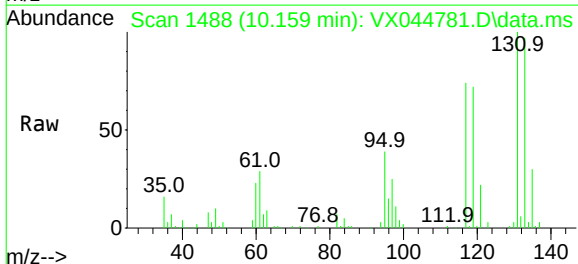
114 31.9 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.769 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

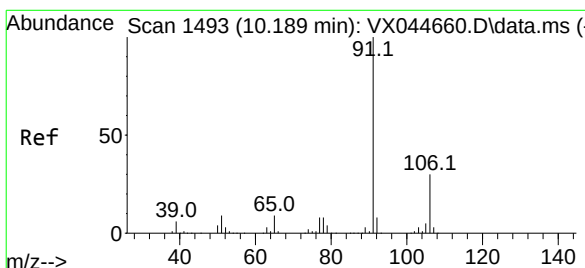
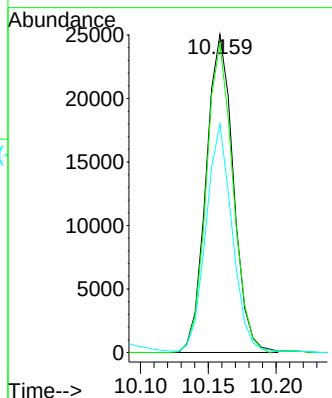
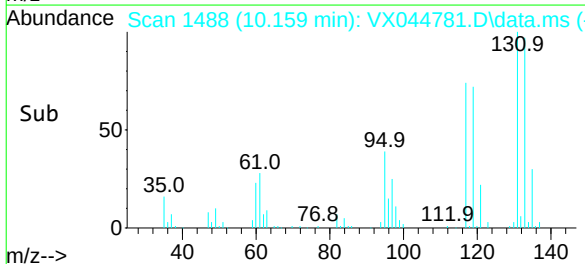
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 131 Resp: 35025
Ion Ratio Lower Upper
131 100
133 95.1 0.0 192.4
119 69.2 0.0 133.4

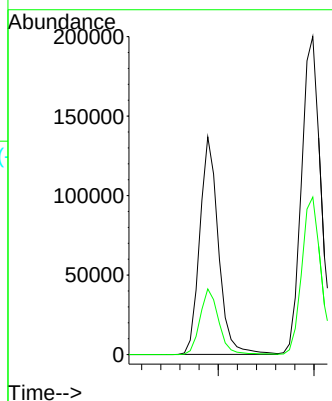
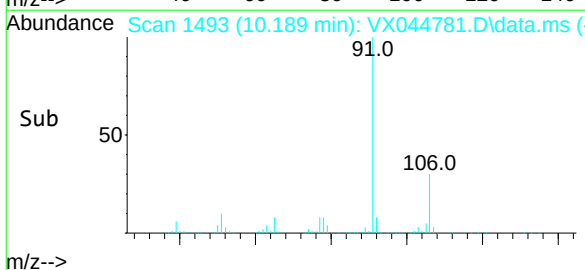
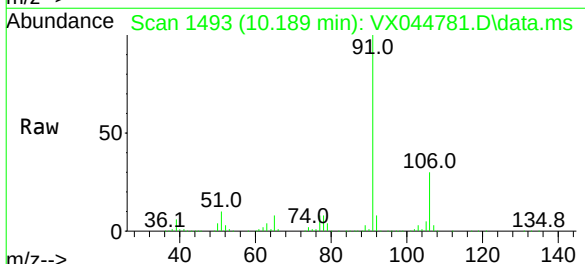
Manual Integrations
APPROVED

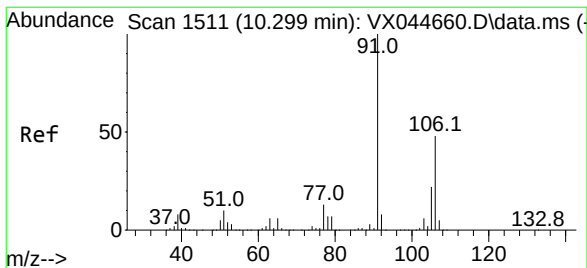
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
Ethyl Benzene
Concen: 20.306 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 91 Resp: 185366
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





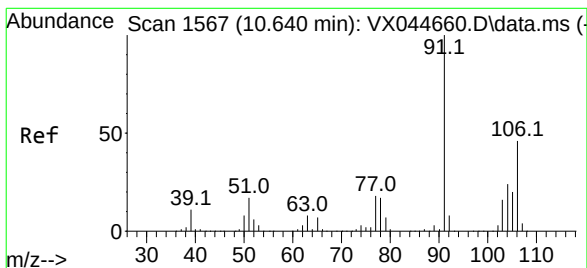
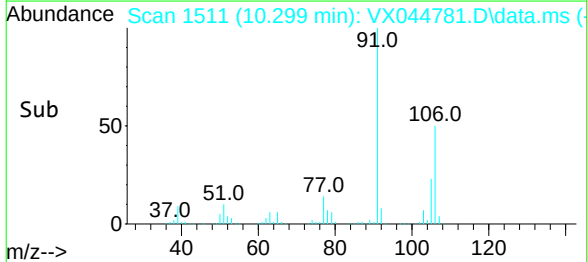
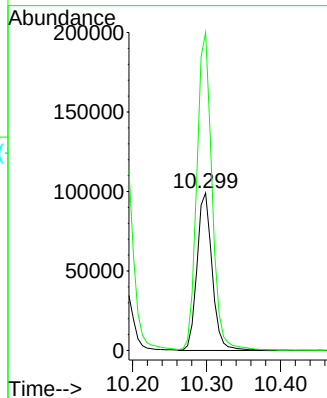
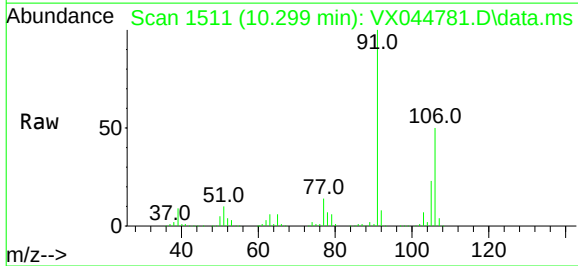
#67
m/p-Xylenes
Concen: 42.007 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 140957
Ion Ratio Lower Upper
106 100
91 202.1 166.8 250.2

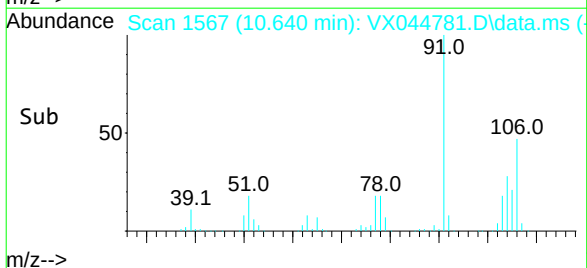
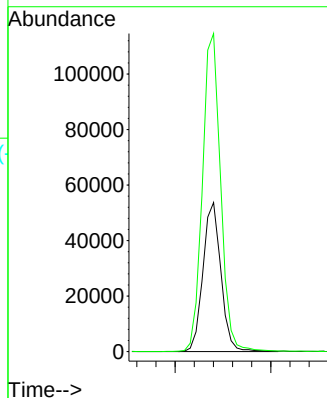
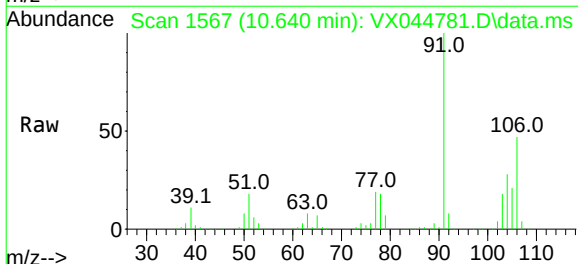
Manual Integrations
APPROVED

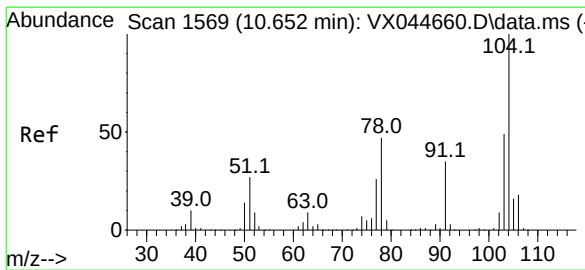
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#68
o-Xylene
Concen: 20.751 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion:106 Resp: 69885
Ion Ratio Lower Upper
106 100
91 214.9 109.7 329.1





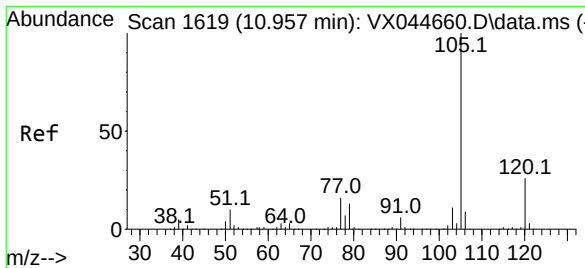
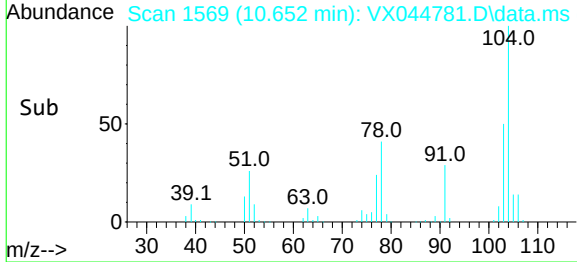
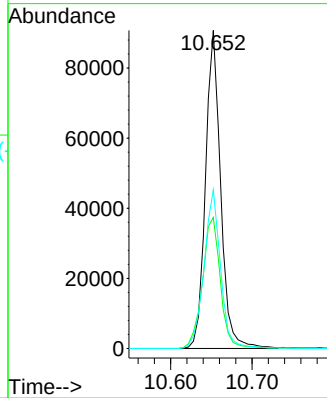
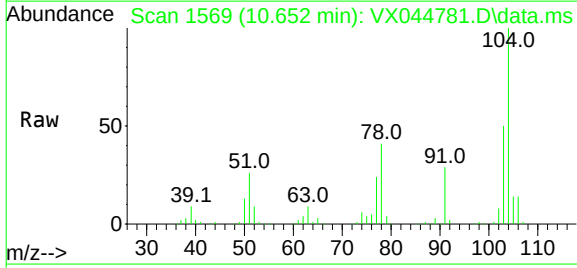
#69
Styrene
Concen: 21.265 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 117582
Ion Ratio Lower Upper
104 100
78 48.9 42.0 63.0
103 54.4 43.1 64.7

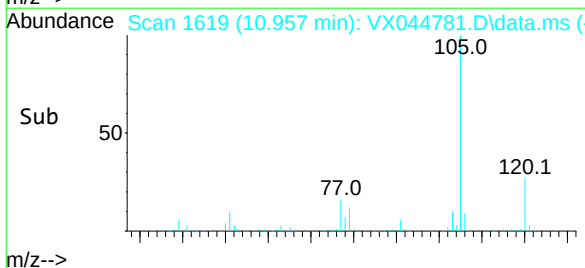
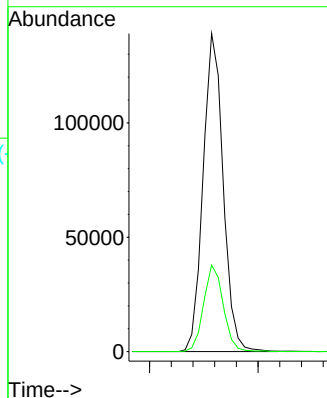
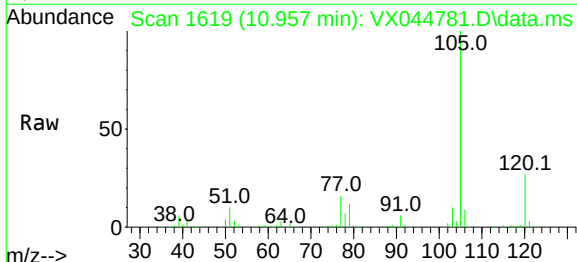
Manual Integrations
APPROVED

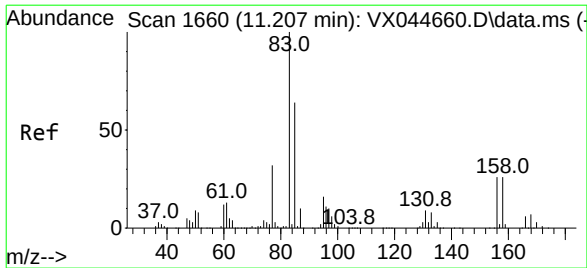
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#70
Isopropylbenzene
Concen: 21.115 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion:105 Resp: 178771
Ion Ratio Lower Upper
105 100
120 26.5 18.6 34.6





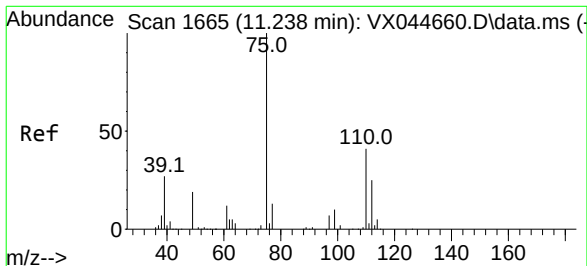
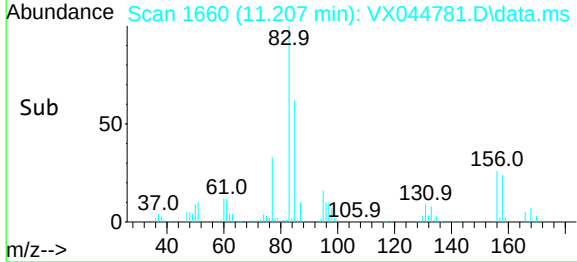
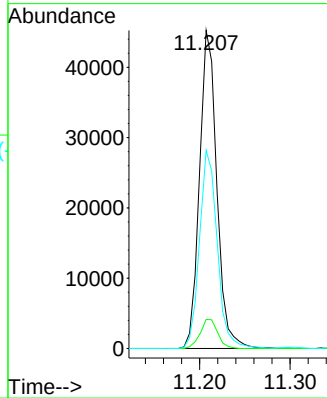
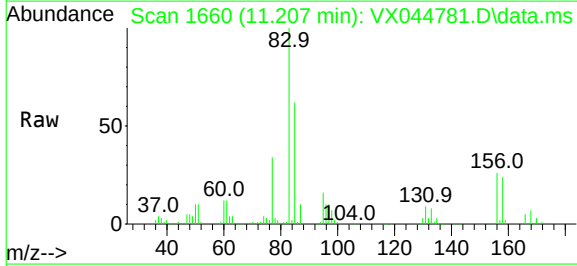
#71
1,1,2,2-Tetrachloroethane
Concen: 21.157 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	83	Resp:	60217
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	14.9
85	63.9	33.0	99.0

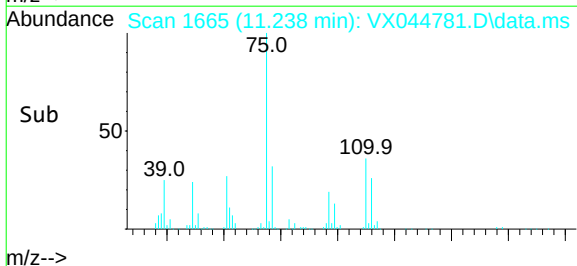
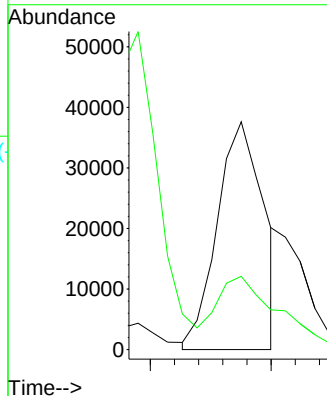
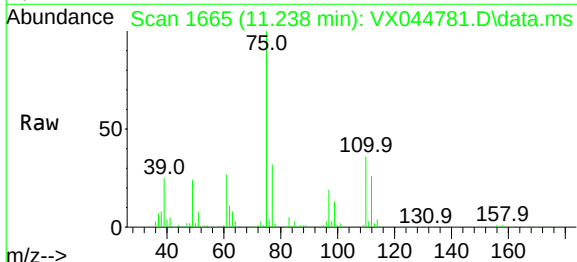
Manual Integrations
APPROVED

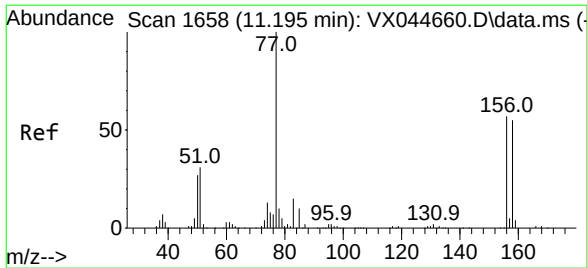
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#72
1,2,3-Trichloropropane
Concen: 21.023 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion:	75	Resp:	50338
Ion	Ratio	Lower	Upper
75	100		
77	43.3	0.0	83.0





#73

Bromobenzene

Concen: 20.906 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

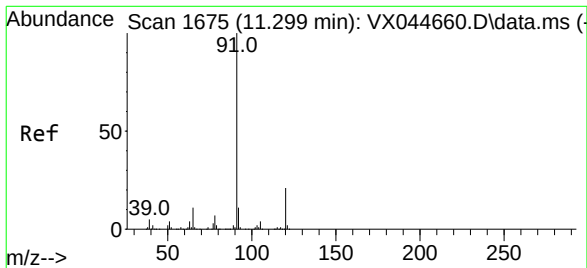
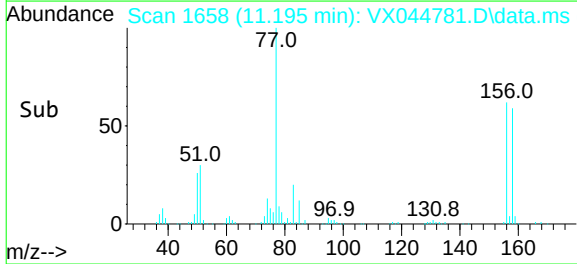
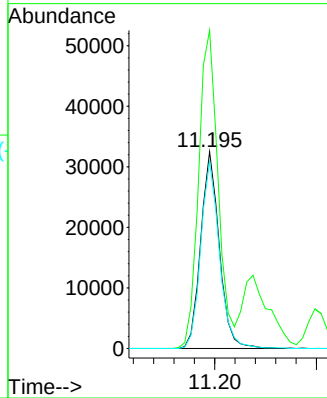
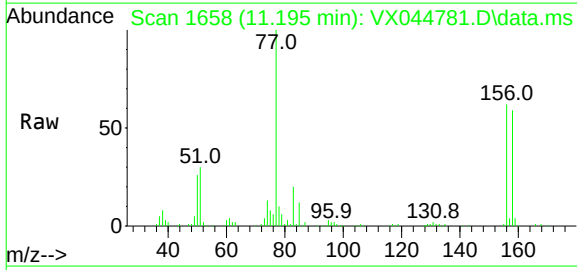
Tgt Ion:	156	Resp:	41233
Ion	Ratio	Lower	Upper
156	100		
77	169.2	0.0	354.6
158	95.3	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

n-propylbenzene

Concen: 22.106 ug/l

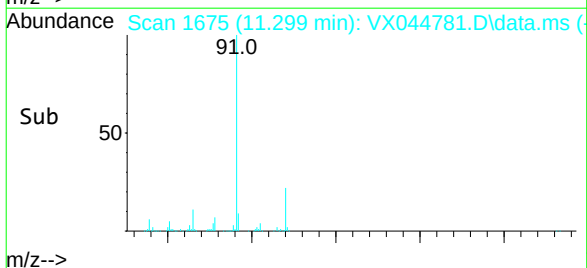
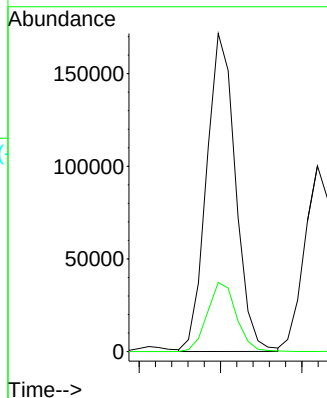
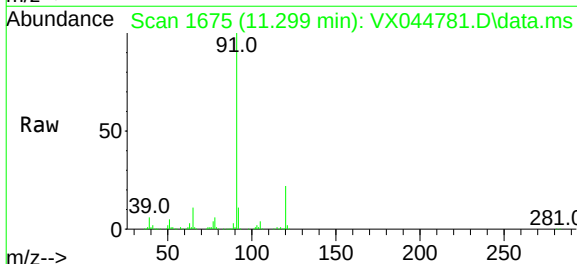
RT: 11.299 min Scan# 1675

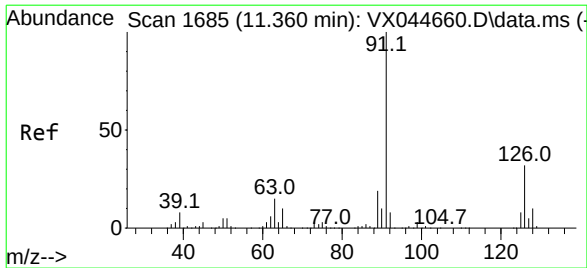
Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Tgt Ion:	91	Resp:	212583
Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	45.0





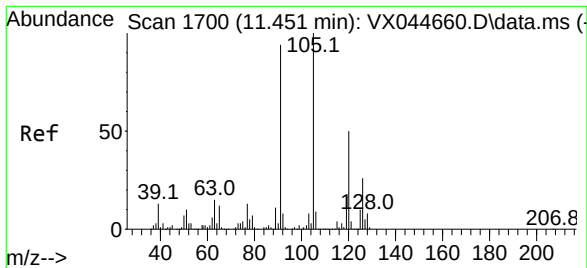
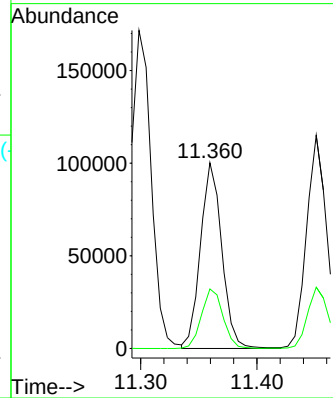
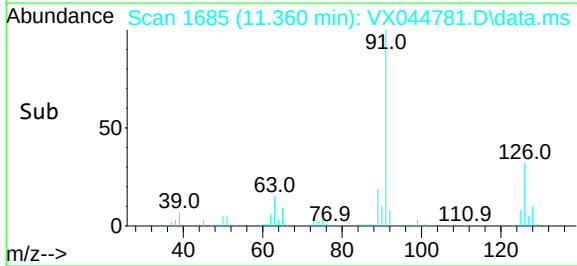
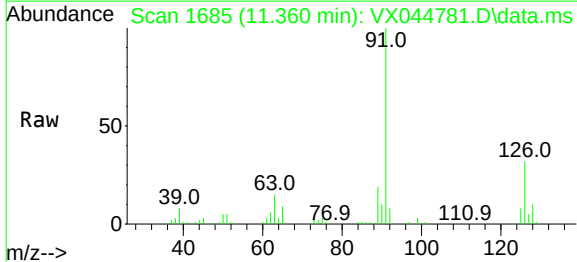
#75
2-Chlorotoluene
Concen: 21.225 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 128323
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.0

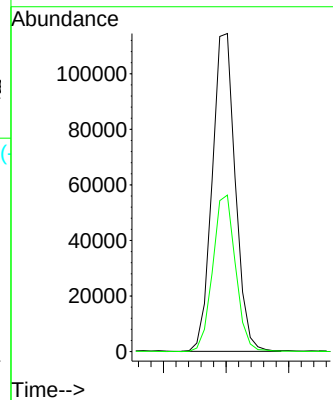
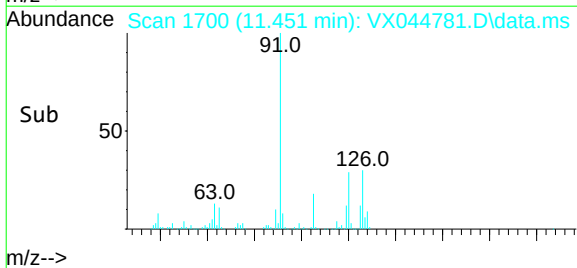
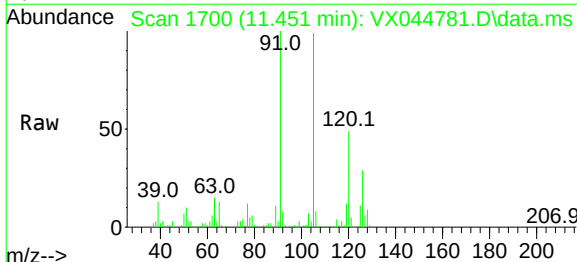
Manual Integrations
APPROVED

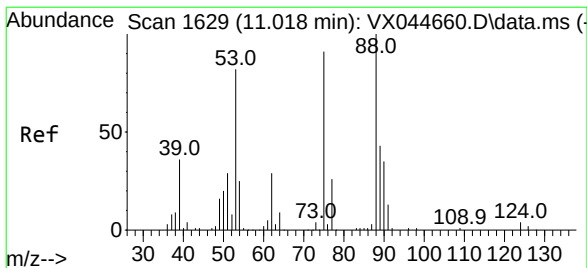
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.351 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

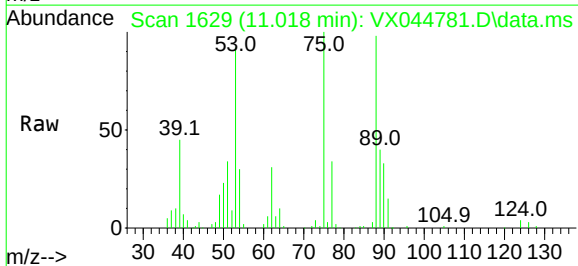
Tgt Ion:105 Resp: 146800
Ion Ratio Lower Upper
105 100
120 48.8 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.253 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

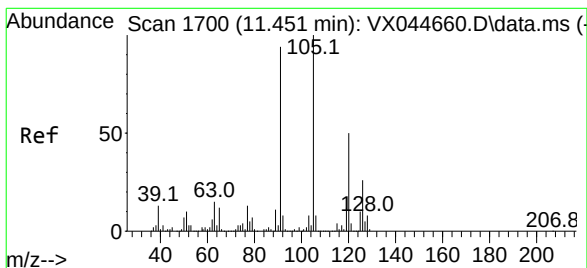
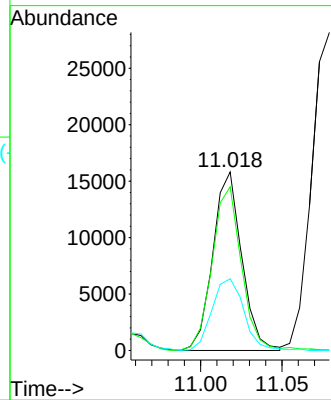
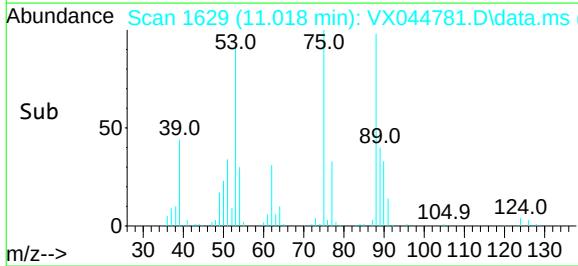
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 19544
Ion Ratio Lower Upper
75 100
53 91.4 45.3 135.9
89 40.2 23.8 71.2

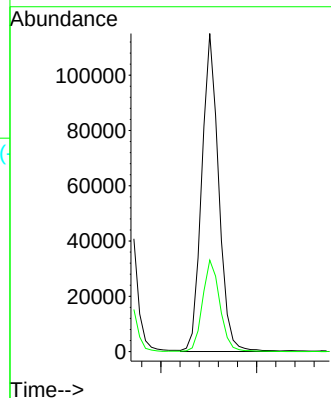
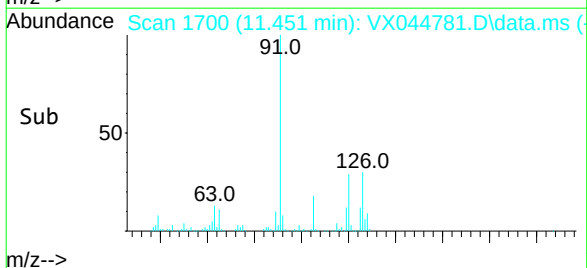
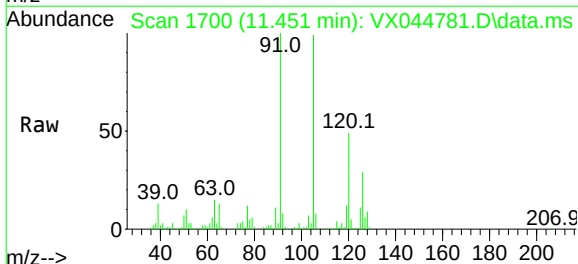
Manual Integrations
APPROVED

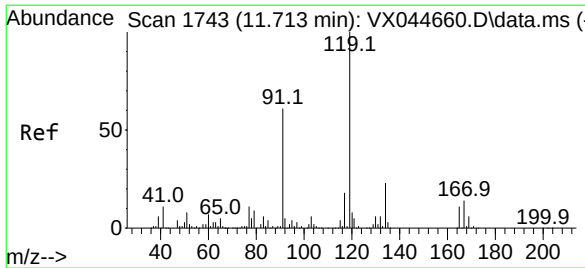
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#78
4-Chlorotoluene
Concen: 21.236 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion: 91 Resp: 141469
Ion Ratio Lower Upper
91 100
126 29.5 0.0 55.4





#79

tert-butylbenzene

Concen: 21.836 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

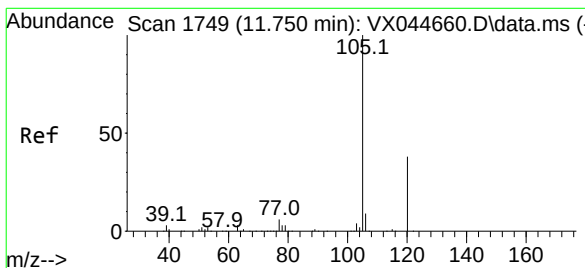
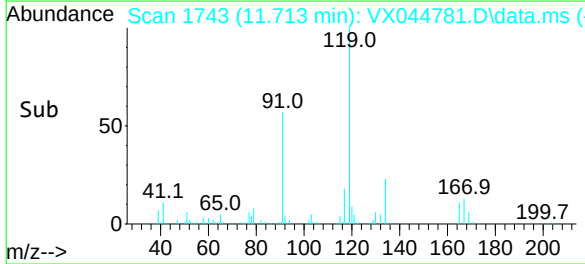
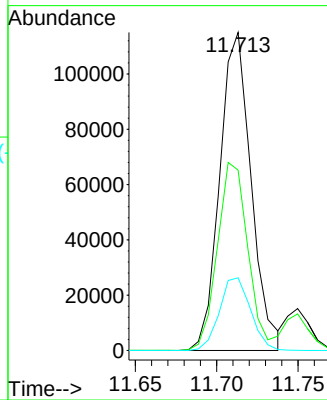
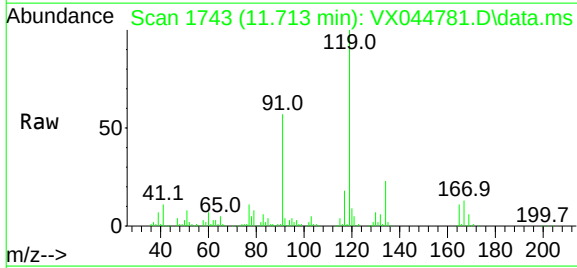
Tgt Ion:	119	Resp:	154239
Ion Ratio	Lower	Upper	
119	100		
91	57.0	0.0	119.0
134	22.7	0.0	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#80

1,2,4-Trimethylbenzene

Concen: 21.588 ug/l

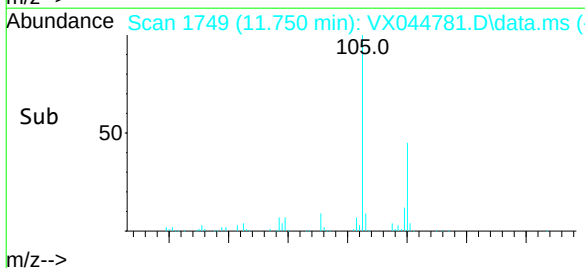
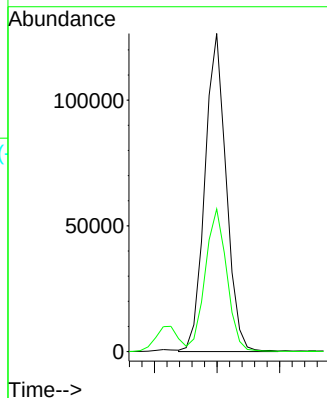
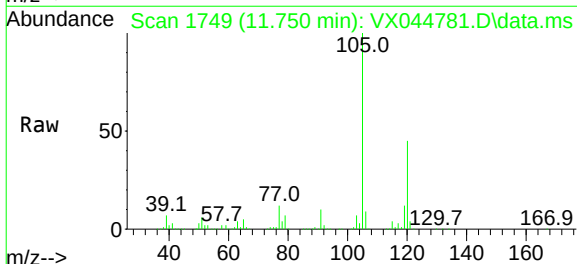
RT: 11.750 min Scan# 1749

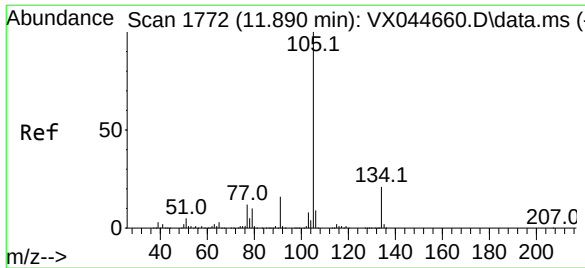
Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Tgt Ion:	105	Resp:	149755
Ion Ratio	Lower	Upper	
105	100		
120	45.5	0.0	88.4





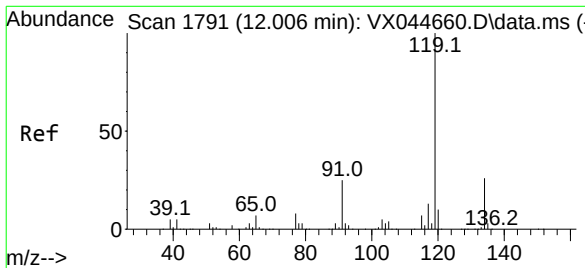
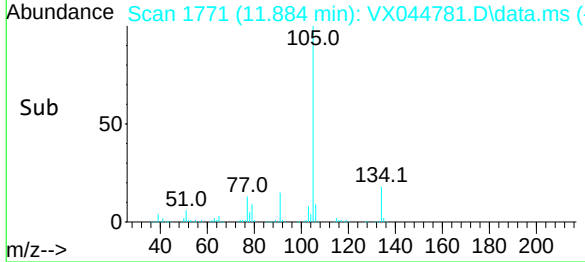
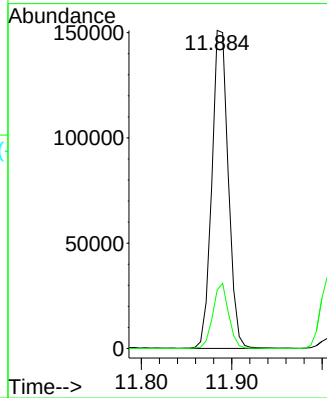
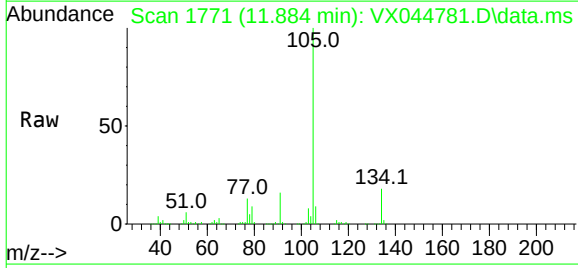
#81
sec-Butylbenzene
Concen: 22.698 ug/l
RT: 11.884 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 191441
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.6

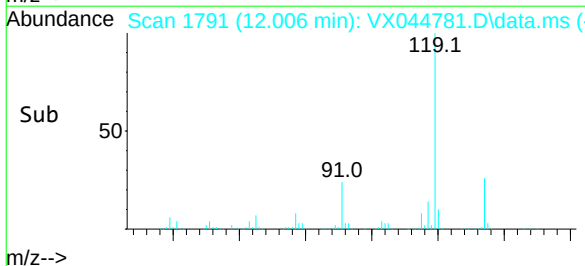
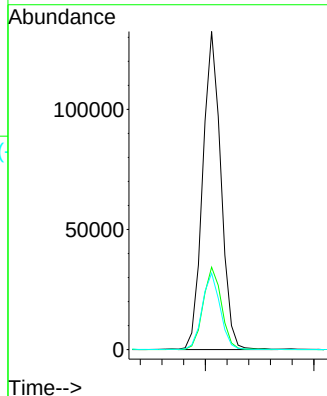
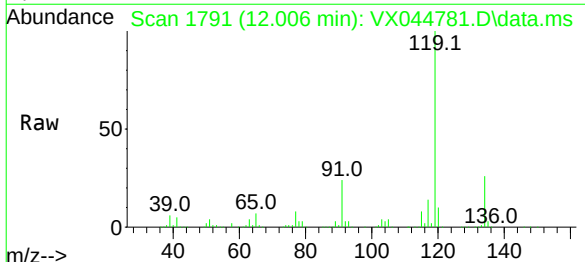
Manual Integrations
APPROVED

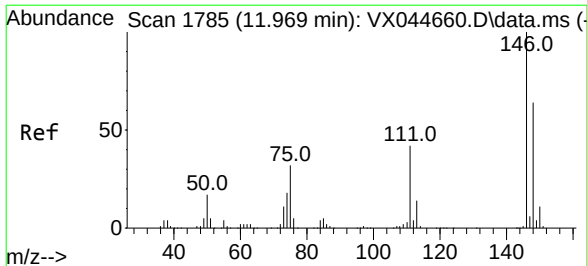
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
p-Isopropyltoluene
Concen: 22.187 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

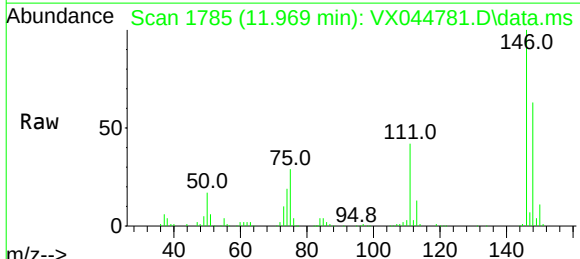
Tgt Ion:119 Resp: 154011
Ion Ratio Lower Upper
119 100
134 26.1 0.0 52.2
91 23.7 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 21.531 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

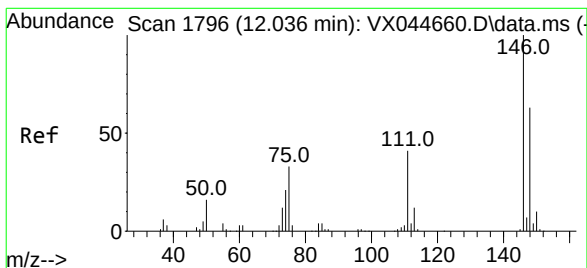
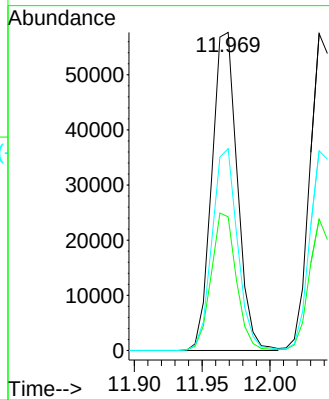
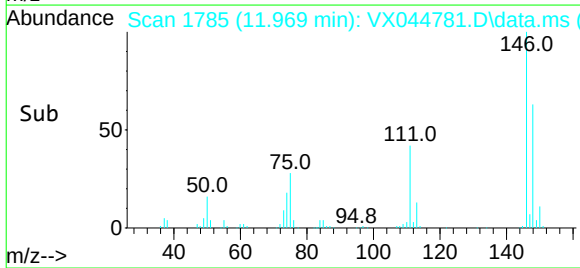
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 75428
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 63.4 31.6 94.7

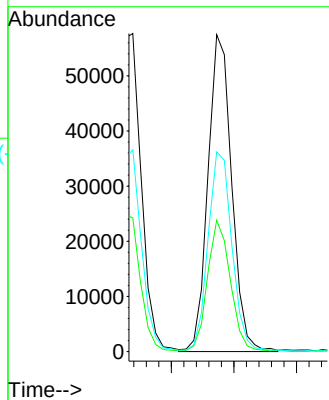
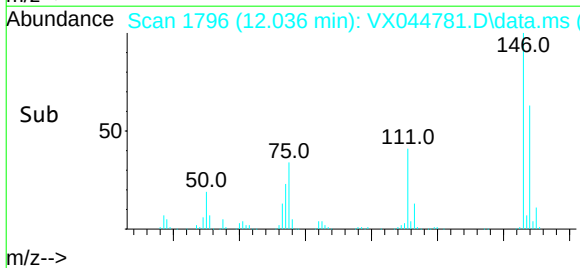
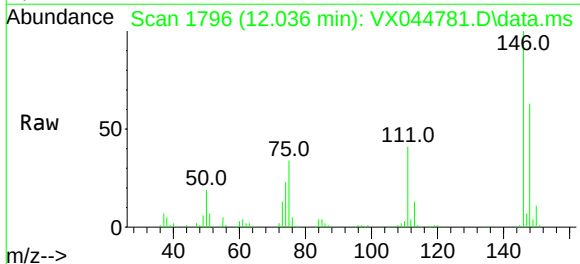
Manual Integrations
APPROVED

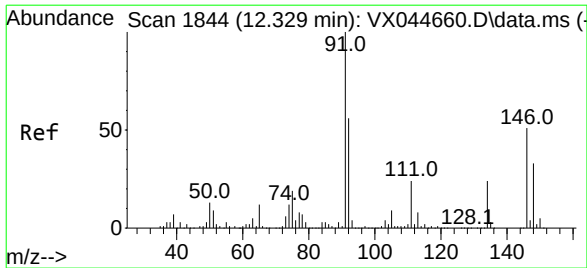
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#84
1,4-Dichlorobenzene
Concen: 22.048 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

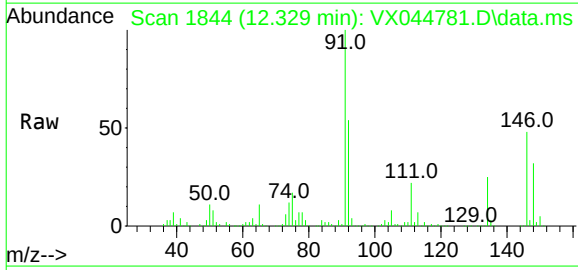
Tgt Ion:146 Resp: 75718
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.5
148 64.0 32.1 96.5





#85
n-Butylbenzene
Concen: 22.671 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

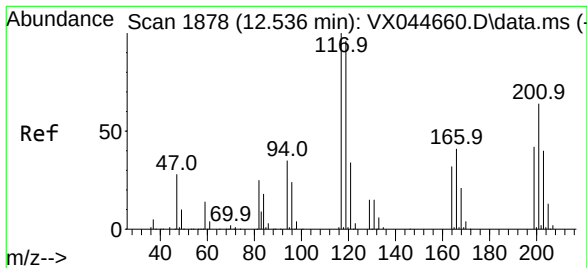
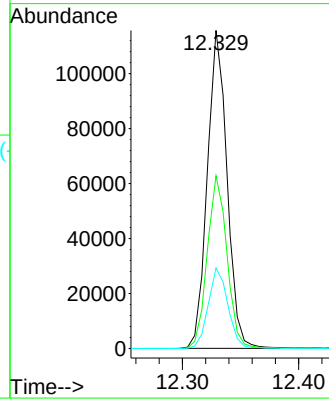
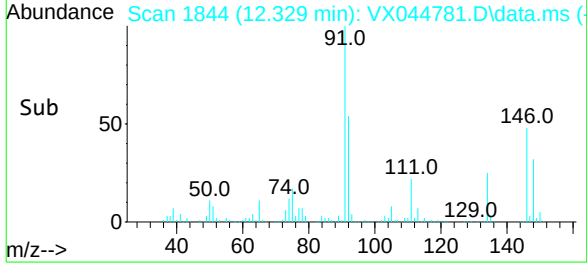
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 136414
Ion Ratio Lower Upper
91 100
92 54.4 0.0 109.4
134 25.4 0.0 49.2

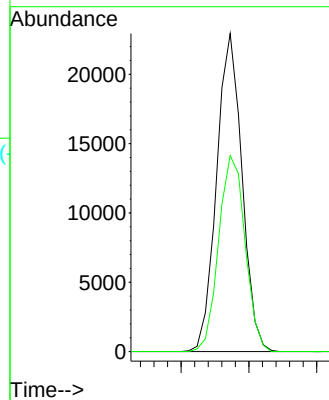
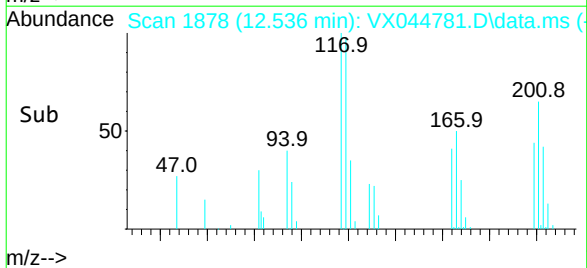
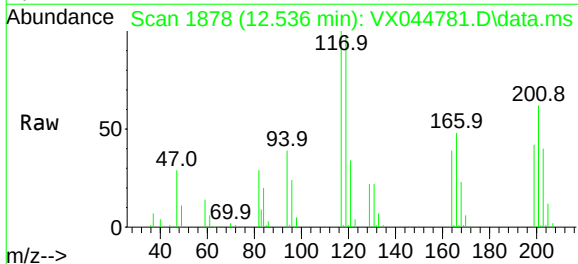
Manual Integrations
APPROVED

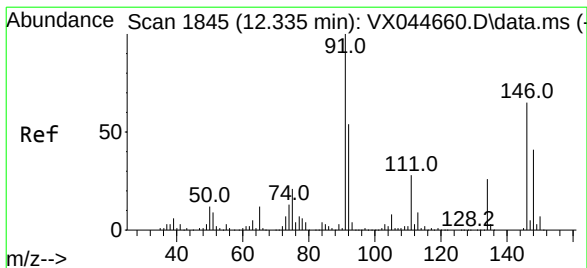
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#86
Hexachloroethane
Concen: 19.568 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

Tgt Ion:117 Resp: 29881
Ion Ratio Lower Upper
117 100
201 64.0 33.0 98.9





#87

1,2-Dichlorobenzene

Concen: 21.733 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

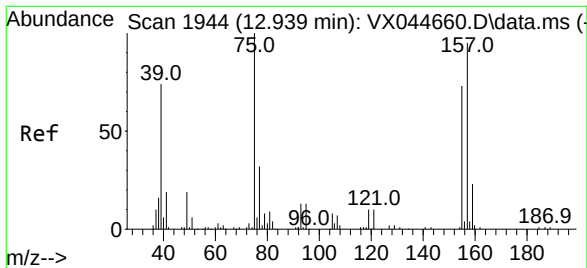
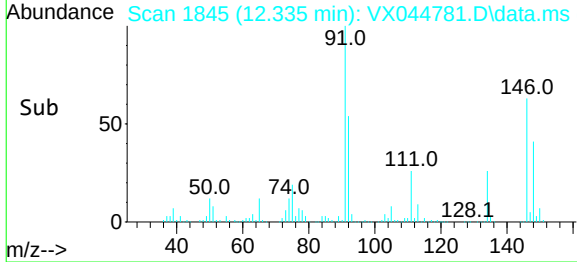
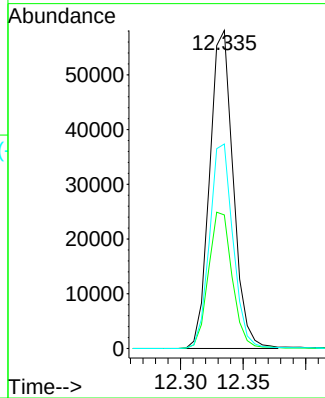
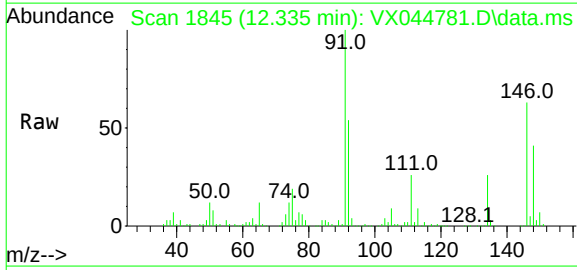
Tgt Ion:	146	Resp:	76029
Ion Ratio	Lower	Upper	
146	100		
111	43.3	22.2	66.6
148	63.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.480 ug/l

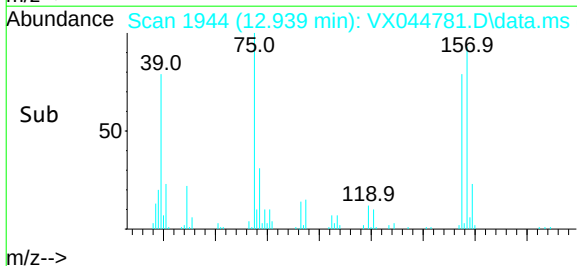
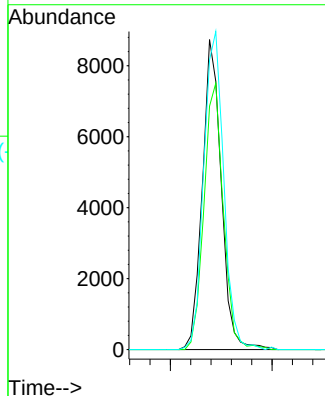
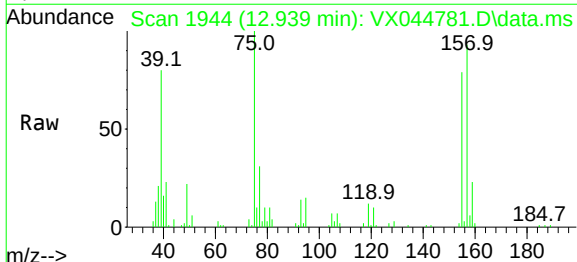
RT: 12.939 min Scan# 1944

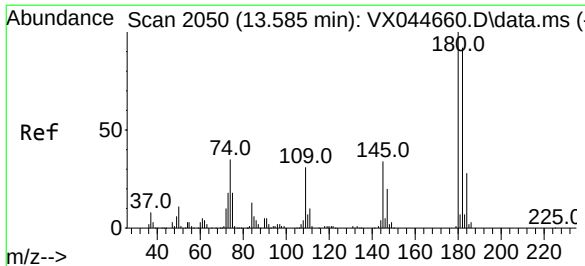
Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Tgt Ion:	75	Resp:	11297
Ion Ratio	Lower	Upper	
75	100		
155	87.3	62.3	93.5
157	108.0	79.9	119.9





#89

1,2,4-Trichlorobenzene

Concen: 20.818 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

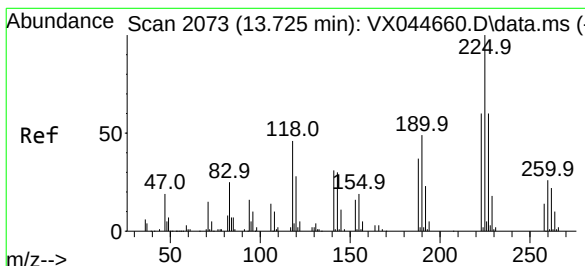
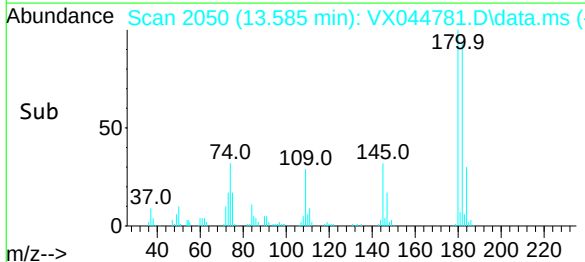
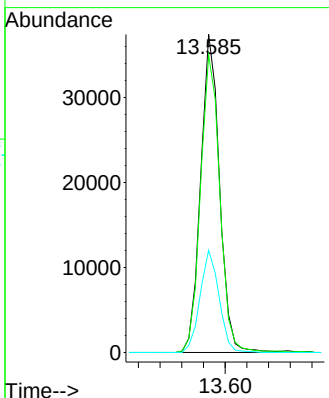
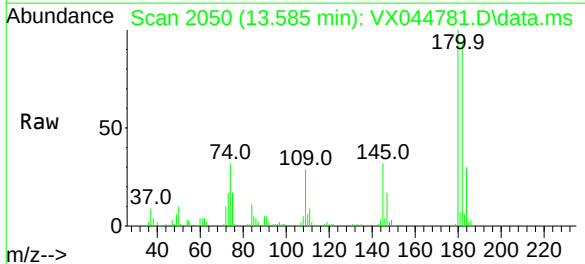
Tgt Ion:	180	Resp:	45259
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.6	113.4
145	32.3	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#90

Hexachlorobutadiene

Concen: 21.894 ug/l

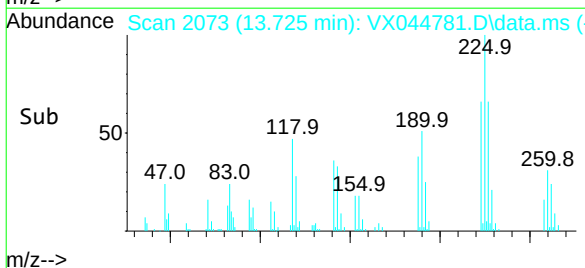
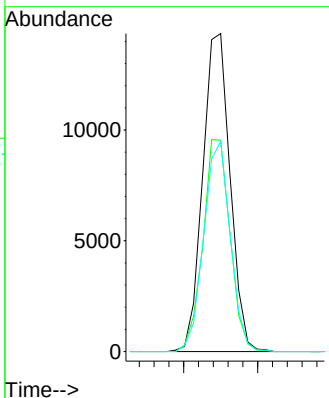
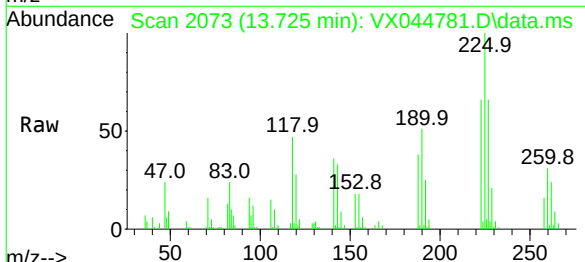
RT: 13.725 min Scan# 2073

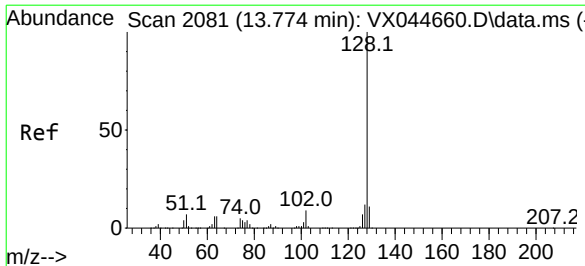
Delta R.T. -0.000 min

Lab File: VX044781.D

Acq: 30 Jan 2025 16:00

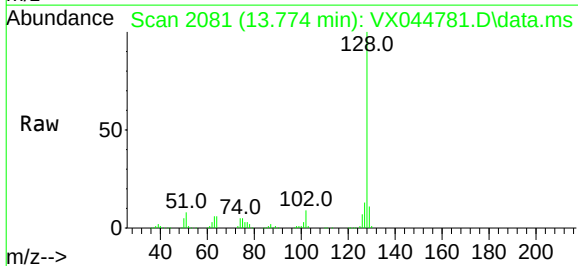
Tgt Ion:	225	Resp:	18411
Ion Ratio	Lower	Upper	
225	100		
223	66.2	0.0	123.0
227	64.1	0.0	124.2





#91
Naphthalene
Concen: 20.190 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00

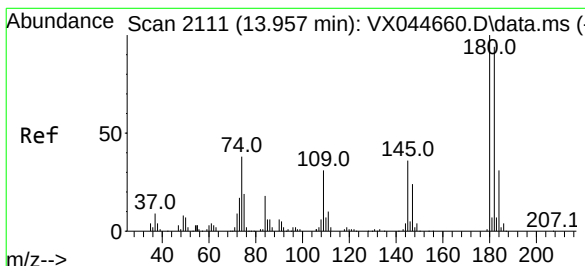
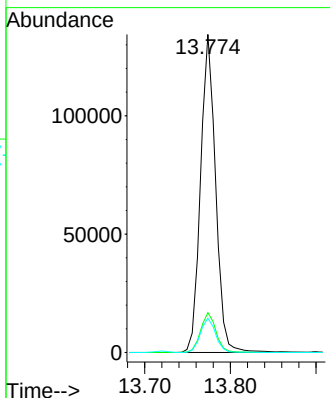
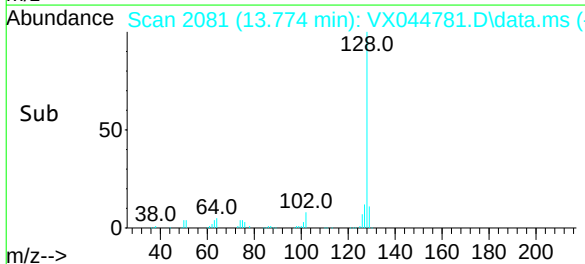
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



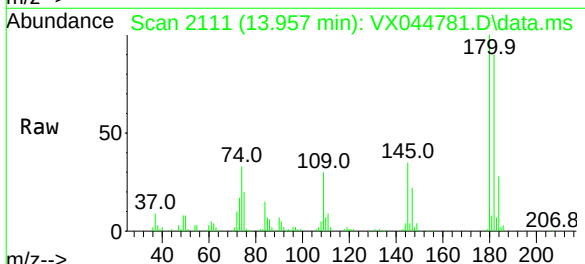
Tgt Ion:128 Resp: 164212
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.996 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044781.D
Acq: 30 Jan 2025 16:00



Tgt Ion:180 Resp: 46425
Ion Ratio Lower Upper
180 100
182 94.5 0.0 187.8
145 33.8 0.0 69.8

