

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044646.D
 Acq On : 09 Jan 2025 05:27
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 06:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	30194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	153138	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	142943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	99294	30.037	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.133%			
60) 4-Bromofluorobenzene	11.079	95	82479	30.906	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.033%			
63) Toluene-d8	8.647	98	237747	29.747	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.167%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51385	18.845	ug/l	96
3) Chloromethane	1.295	50	50894	18.597	ug/l	98
4) Vinyl Chloride	1.374	62	46976	18.222	ug/l	97
5) Bromomethane	1.599	94	24807	19.092	ug/l	90
6) Chloroethane	1.673	64	31406	21.768	ug/l	98
7) Trichlorofluoromethane	1.880	101	75276	18.998	ug/l	93
8) Diethyl Ether	2.130	74	28318	18.595	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	44943	21.108	ug/l	97
10) 1,1-Dichloroethene	2.313	96	44909	21.451	ug/l	87
11) Methyl Iodide	2.447	142	65397	22.349	ug/l	97
12) Methyl Acetate	2.697	43	56400	19.086	ug/l	94
13) Acrolein	2.233	56	53864	99.323	ug/l	98
14) Acrylonitrile	3.063	53	106492	95.891	ug/l	98
15) Acetone	2.380	58	32228	114.192	ug/l	83
16) Carbon Disulfide	2.508	76	89878	19.582	ug/l	97
17) Allyl chloride	2.660	41	67893	18.809	ug/l	98
18) Methylene Chloride	2.782	84	45168	18.620	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	38537	17.981	ug/l	91
20) Diisopropyl ether	3.758	45	139323	18.372	ug/l #	94
21) 1,1-Dichloroethane	3.605	63	78614	18.391	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	49083	18.592	ug/l	98
23) tert-Butyl Alcohol	2.989	59	41460	98.656	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	137722	18.299	ug/l	99
25) Chloroform	5.087	83	85075	18.552	ug/l	93
26) Cyclohexane	5.458	56	61908	18.304	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	52776	19.119	ug/l	98
30) 2-Butanone	4.556	43	148430	103.574	ug/l	99
31) 2,2-Dichloropropane	4.465	77	58870	18.230	ug/l #	75
32) 1,1,1-Trichloroethane	5.379	97	70868	18.605	ug/l	98
33) Carbon Tetrachloride	5.672	117	56337	18.161	ug/l	88
34) Benzene	6.032	78	165999	19.299	ug/l	99
35) Methacrylonitrile	4.916	41	32954	19.565	ug/l	91
36) 1,2-Dichloroethane	6.080	62	72789	20.249	ug/l	98
37) Trichloroethene	7.117	130	40128	18.661	ug/l	99
38) Methylcyclohexane	7.373	83	62275	18.103	ug/l	98
39) 1,2-Dichloropropane	7.422	63	39984	18.706	ug/l	99
40) Dibromomethane	7.580	93	32565	19.424	ug/l	99
41) Bromodichloromethane	7.818	83	59585	18.924	ug/l	100
42) Vinyl Acetate	3.715	43	573191	95.083	ug/l	100

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Instrument :
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 Supervised By : Semsettin Yesilyurt 01/09/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	60276	20.208	ug/l	# 82
44) Isopropyl Acetate	6.336	43	98194	19.805	ug/l	100
45) 1,4-Dioxane	7.659	88	15075	433.944	ug/l	99
46) Methyl methacrylate	7.690	41	47737	19.749	ug/l	96
47) n-amyl Acetate	10.842	43	76850	19.116	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	56070	18.398	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	61622	17.711	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	42407	19.954	ug/l	97
51) Ethyl methacrylate	9.116	69	63375	19.523	ug/l	96
52) 1,3-Dichloropropane	9.305	76	71861	19.731	ug/l	98
53) Dibromochloromethane	9.519	129	40696	18.409	ug/l	99
54) 1,2-Dibromoethane	9.604	107	42932	19.633	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	158761	99.258	ug/l	100
56) Bromoform	10.799	173	23583	17.298	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	308157	105.706	ug/l	100
59) 2-Hexanone	9.427	43	218181	108.363	ug/l	98
61) Tetrachloroethene	9.269	164	35253	19.197	ug/l	98
62) Toluene	8.714	91	181120	19.255	ug/l	98
64) Chlorobenzene	10.080	112	110678	18.954	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	37967	19.151	ug/l	97
66) Ethyl Benzene	10.189	91	197599	19.536	ug/l	99
67) m/p-Xylenes	10.299	106	147529	38.792	ug/l	99
68) o-Xylene	10.640	106	73629	19.836	ug/l	99
69) Styrene	10.653	104	119450	19.375	ug/l	99
70) Isopropylbenzene	10.957	105	184232	19.255	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	60876	20.440	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	54881m	21.125	ug/l	
73) Bromobenzene	11.195	156	44189	19.647	ug/l	97
74) n-propylbenzene	11.299	91	211137	19.468	ug/l	97
75) 2-Chlorotoluene	11.360	91	134397	19.717	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	156157	19.632	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14350	17.381	ug/l	93
78) 4-Chlorotoluene	11.451	91	148989	19.682	ug/l	99
79) tert-butylbenzene	11.713	119	152973	19.584	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	154410	19.698	ug/l	99
81) sec-Butylbenzene	11.890	105	185314	19.609	ug/l	100
82) p-Isopropyltoluene	12.006	119	151593	19.293	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	78174	19.210	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	77946	19.151	ug/l	96
85) n-Butylbenzene	12.329	91	134832	20.159	ug/l	100
86) Hexachloroethane	12.536	117	24431	19.734	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	86519	20.845	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12623	22.029	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	46194	19.392	ug/l	99
90) Hexachlorobutadiene	13.719	225	19630	20.344	ug/l	94
91) Naphthalene	13.774	128	170977	21.207	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	49880	20.380	ug/l	97

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

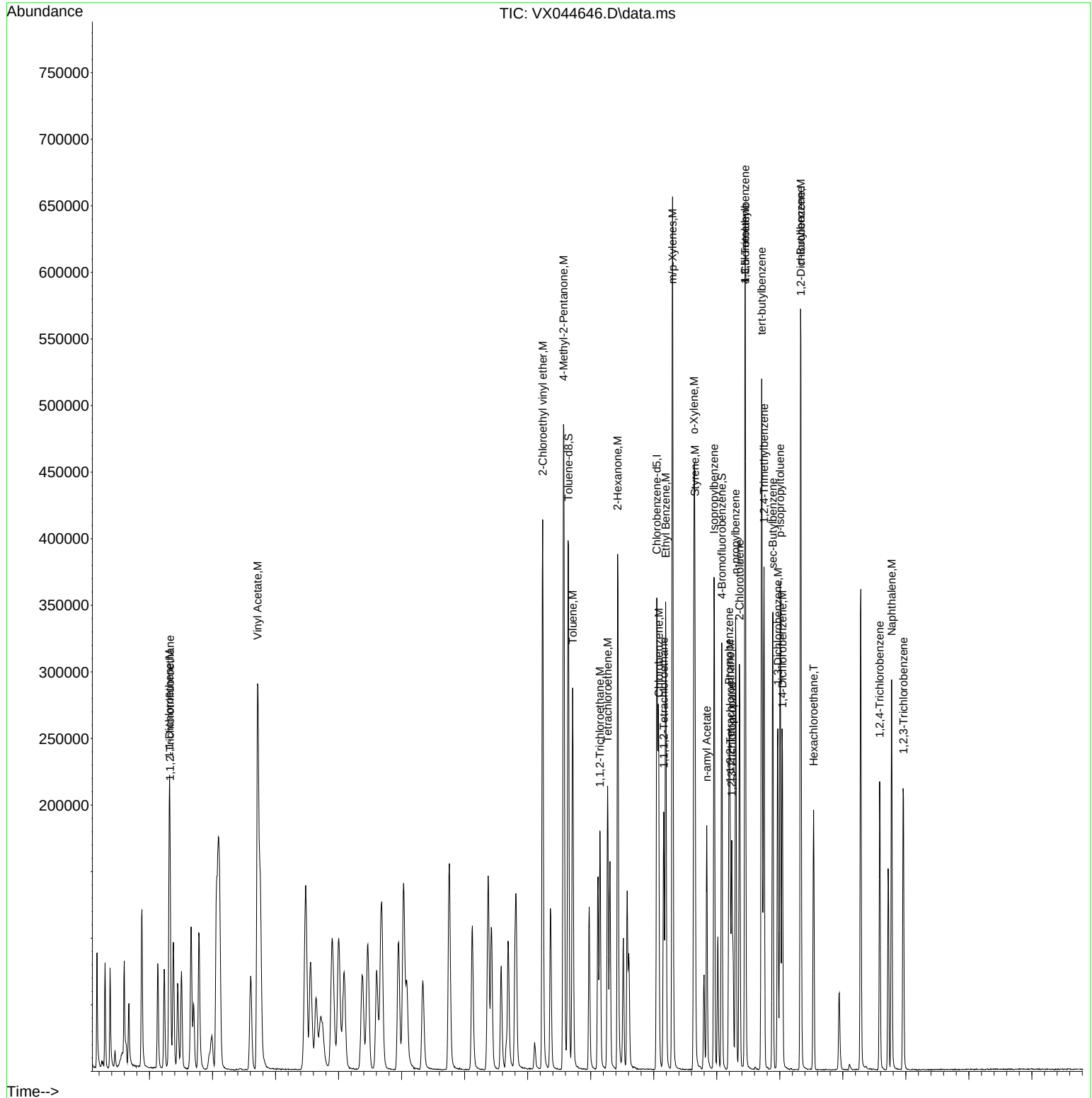
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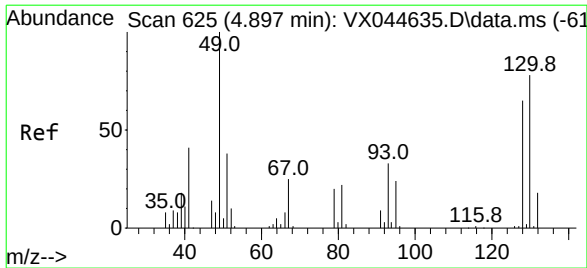
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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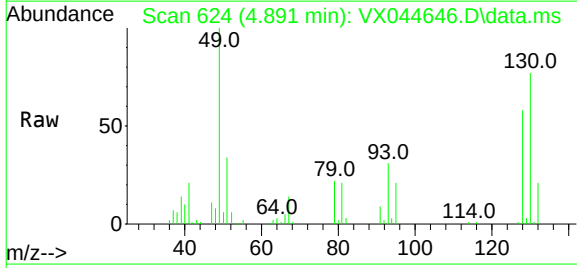
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

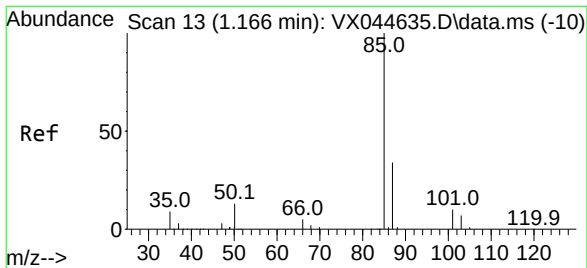
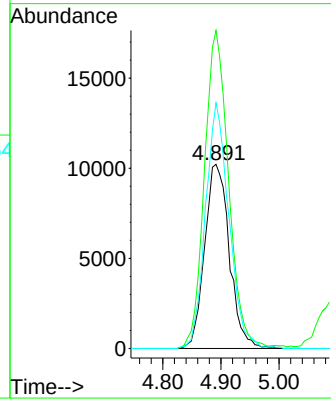
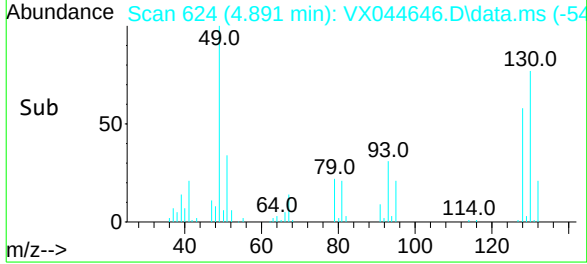
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 30194
Ion Ratio Lower Upper
128 100
49 168.0 0.0 425.8
130 126.5 0.0 319.8

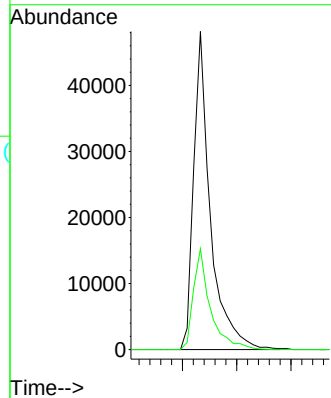
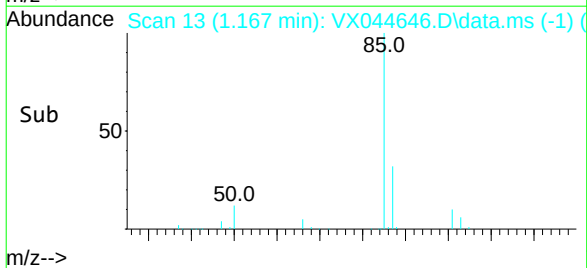
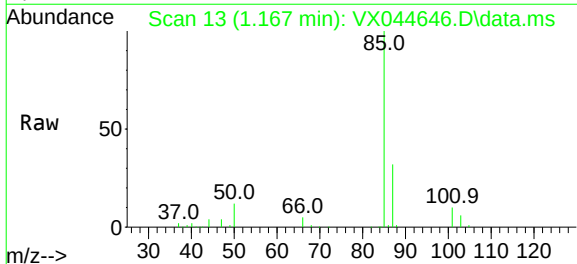
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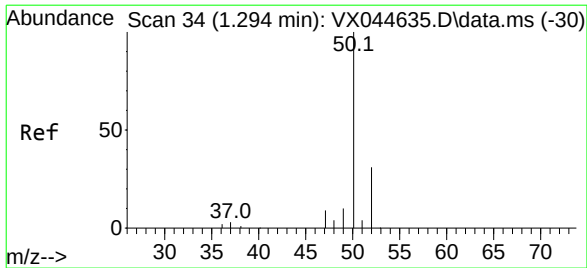
Reviewed By :John Carlone 01/09/2025
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#2
Dichlorodifluoromethane
Concen: 18.845 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

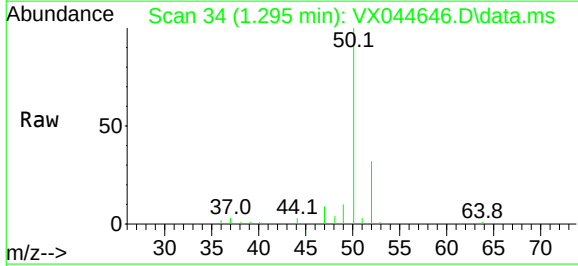
Tgt Ion: 85 Resp: 51385
Ion Ratio Lower Upper
85 100
87 31.7 17.0 51.0





#3
Chloromethane
Concen: 18.597 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

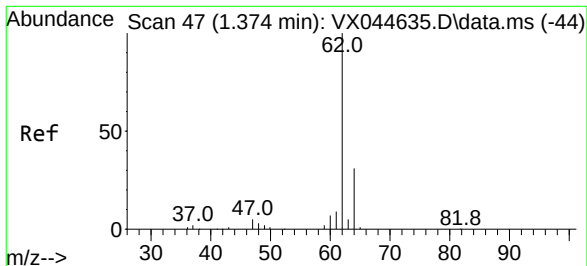
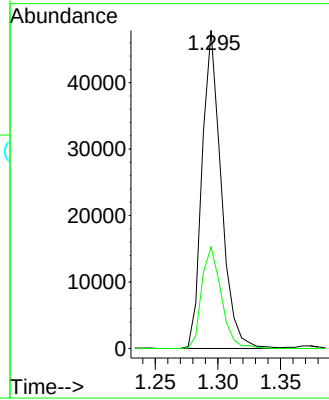
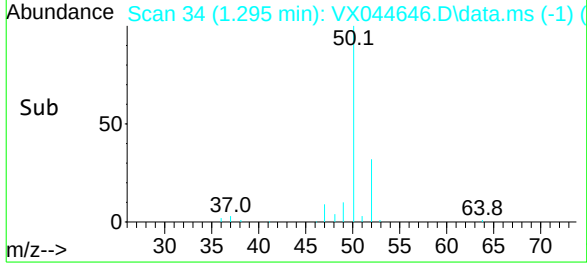
Instrument :
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Tgt Ion: 50 Resp: 50894
Ion Ratio Lower Upper
50 100
52 31.9 24.5 36.7

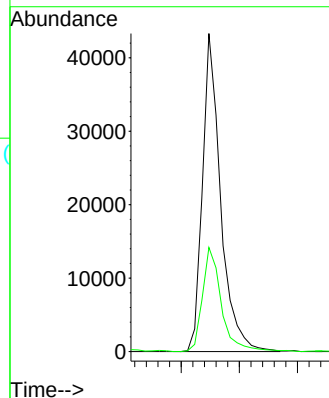
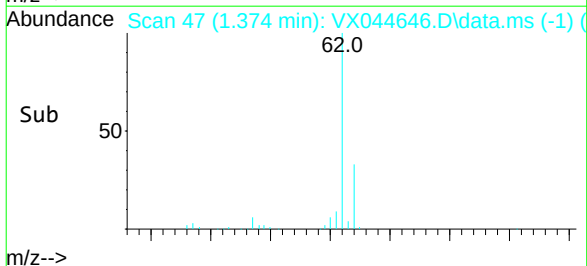
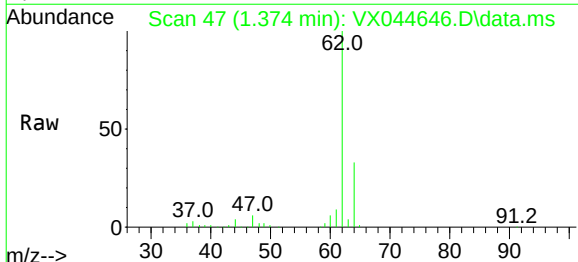
Manual Integrations
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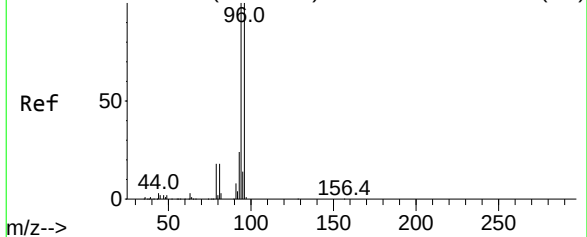


#4
Vinyl Chloride
Concen: 18.222 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 62 Resp: 46976
Ion Ratio Lower Upper
62 100
64 32.7 24.7 37.1



Abundance Scan 84 (1.599 min): VX044635.D\data.ms (-80)



#5

Bromomethane

Concen: 19.092 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 24807

Ion Ratio Lower Upper

94 100

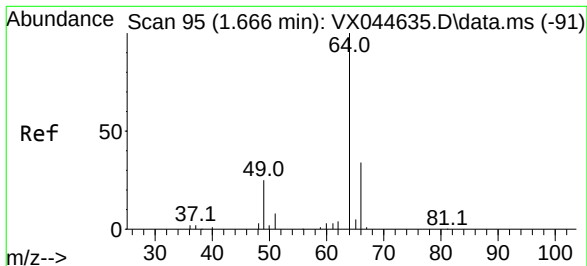
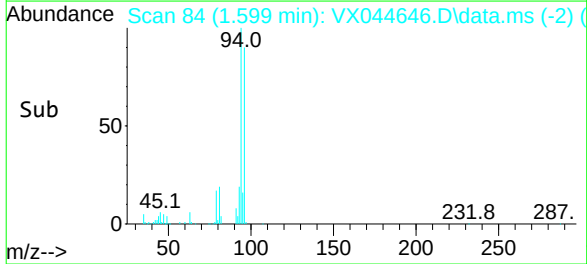
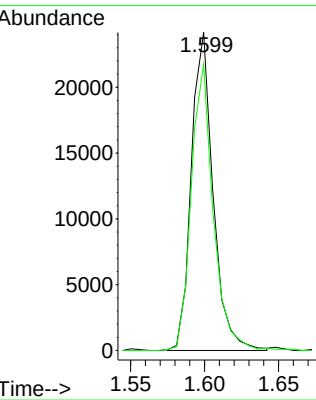
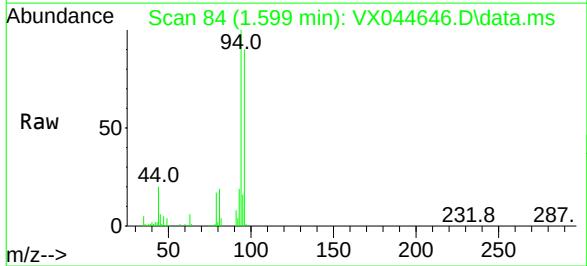
96 89.9 79.9 119.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#6

Chloroethane

Concen: 21.768 ug/l

RT: 1.673 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX044646.D

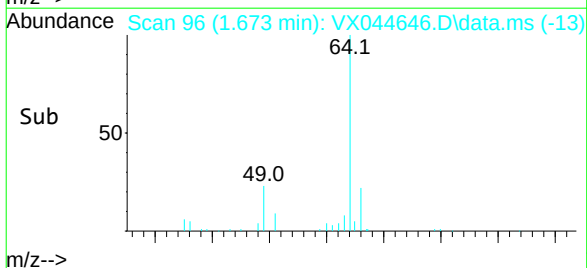
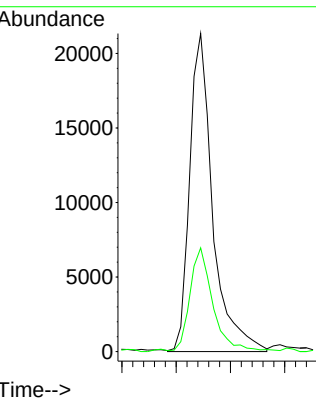
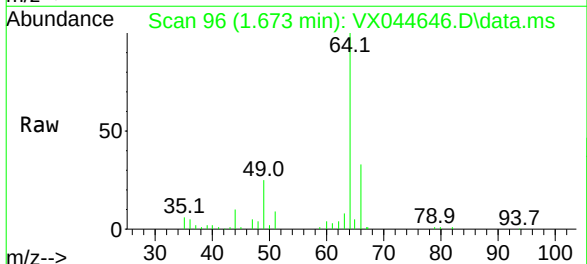
Acq: 09 Jan 2025 05:27

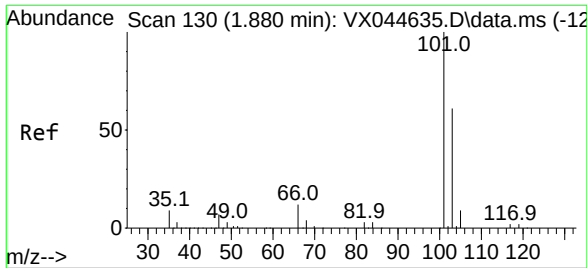
Tgt Ion: 64 Resp: 31406

Ion Ratio Lower Upper

64 100

66 32.4 26.9 40.3





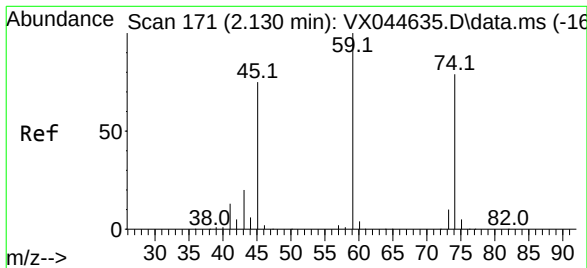
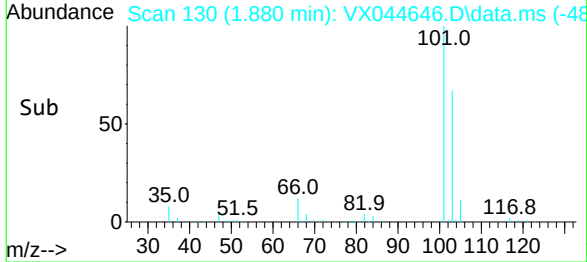
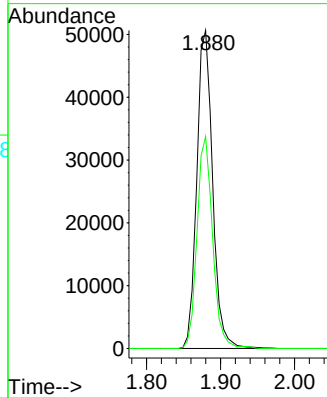
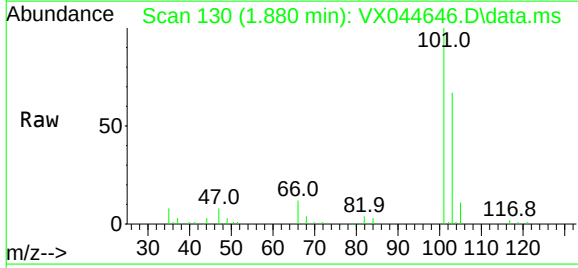
#7
Trichlorofluoromethane
Concen: 18.998 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 75276
Ion Ratio Lower Upper
101 100
103 66.6 49.2 73.8

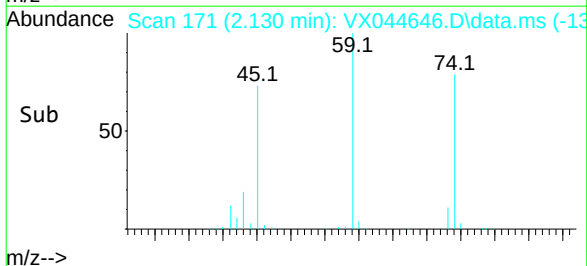
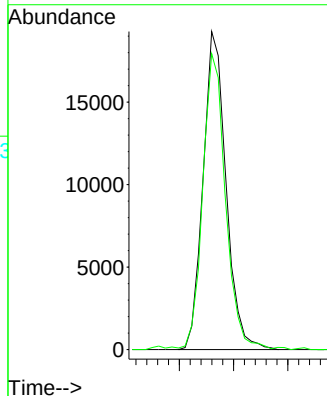
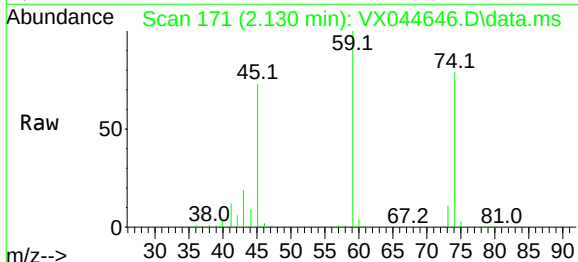
Manual Integrations
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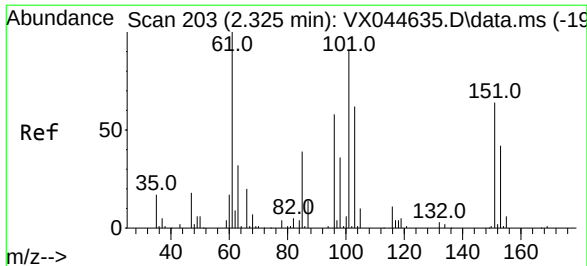
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#8
Diethyl Ether
Concen: 18.595 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044646.D
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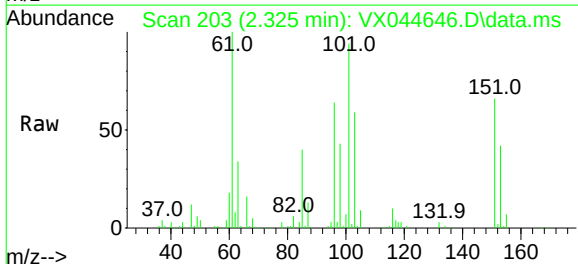
Tgt Ion: 74 Resp: 28318
Ion Ratio Lower Upper
74 100
45 92.1 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.108 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX044646.D
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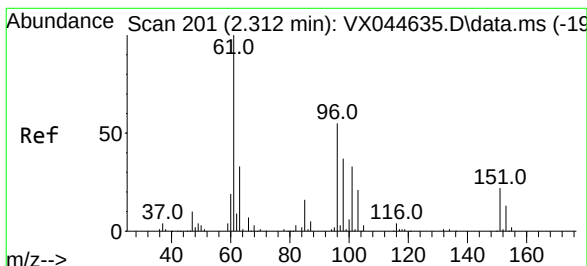
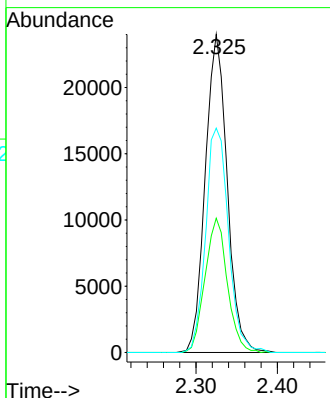
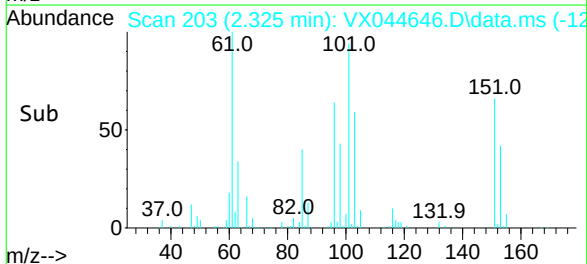
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MSVOA_X
ClientSampleId :
VSTDCCC020EC



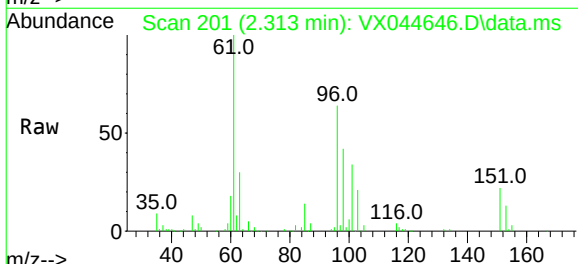
Tgt Ion:101 Resp: 44943
Ion Ratio Lower Upper
101 100
85 42.9 0.0 93.4
151 73.6 0.0 146.2

Manual Integrations
APPROVED

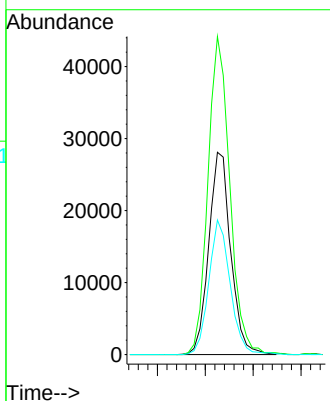
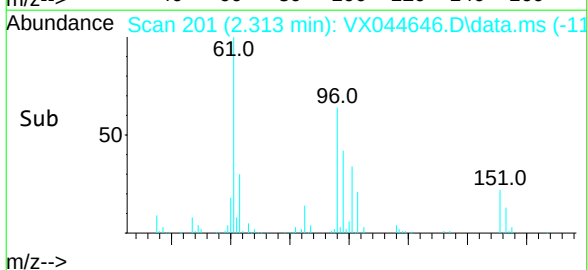
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

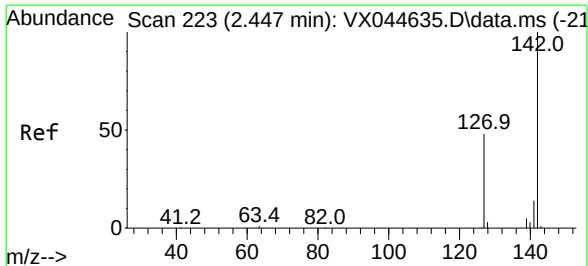


#10
1,1-Dichloroethene
Concen: 21.451 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



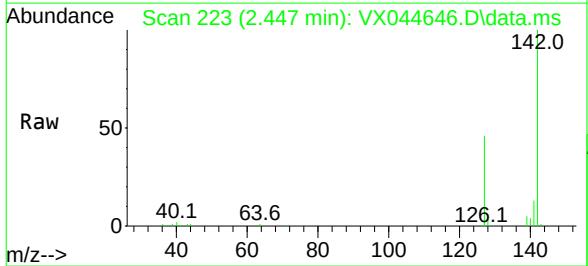
Tgt Ion: 96 Resp: 44909
Ion Ratio Lower Upper
96 100
61 157.2 146.0 219.0
98 66.5 54.6 81.8





#11
Methyl Iodide
Concen: 22.349 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

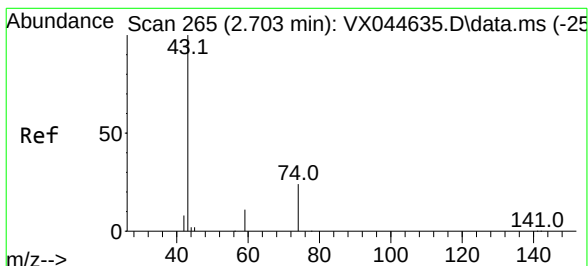
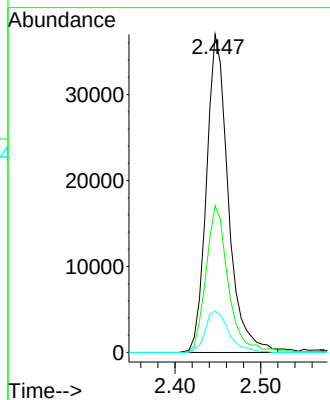
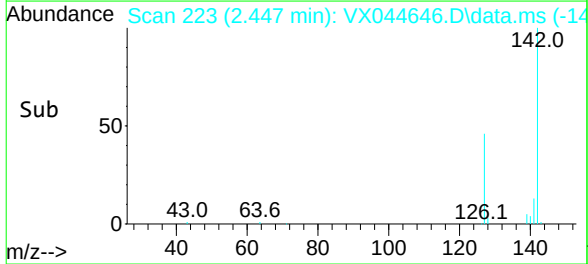
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 142 Resp: 65397
Ion Ratio Lower Upper
142 100
127 46.2 24.1 72.2
141 13.1 7.0 20.9

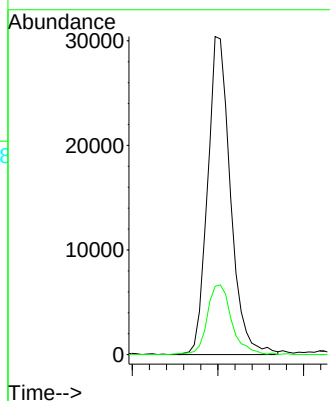
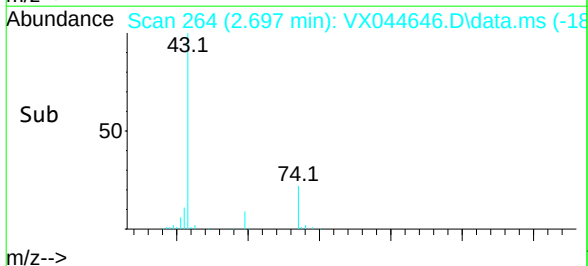
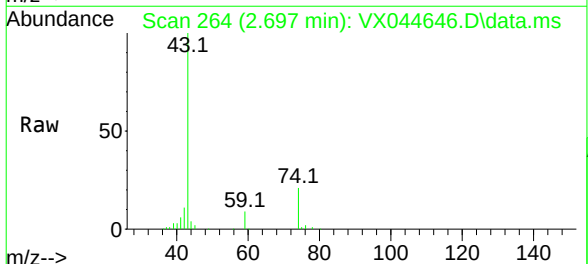
Manual Integrations
APPROVED

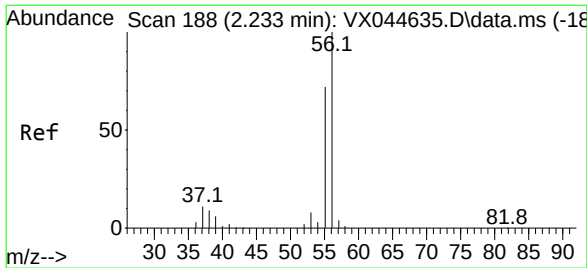
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 19.086 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 56400
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.0





#13

Acrolein

Concen: 99.323 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 53864

Ion Ratio Lower Upper

56 100

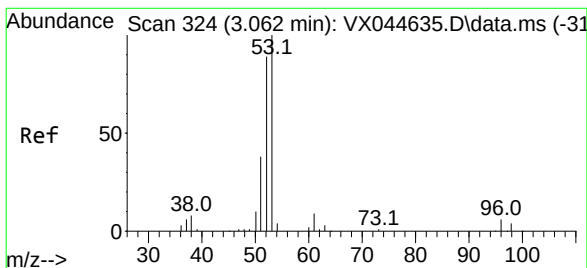
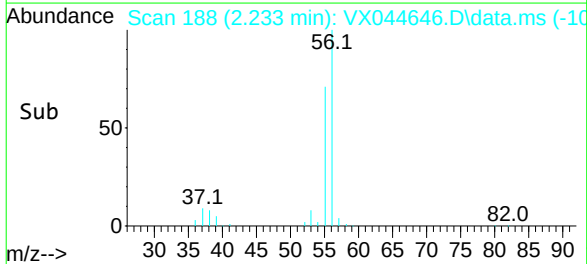
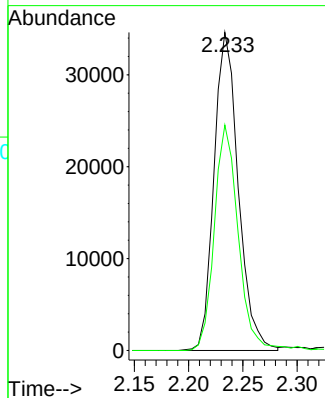
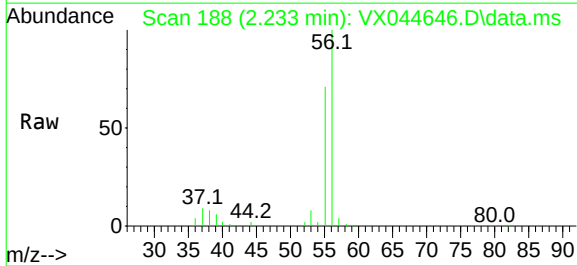
55 69.6 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 95.891 ug/l

RT: 3.063 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

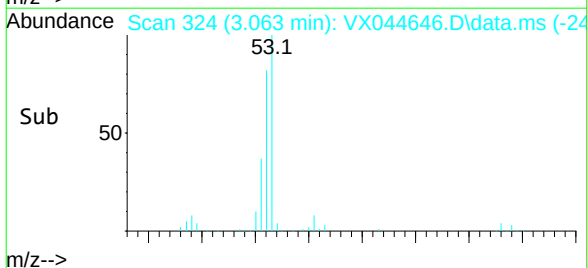
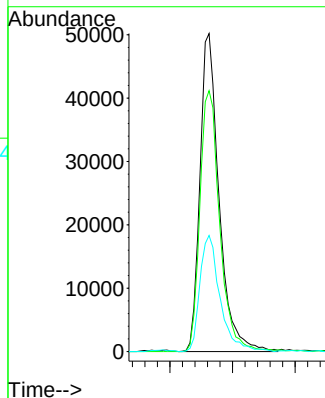
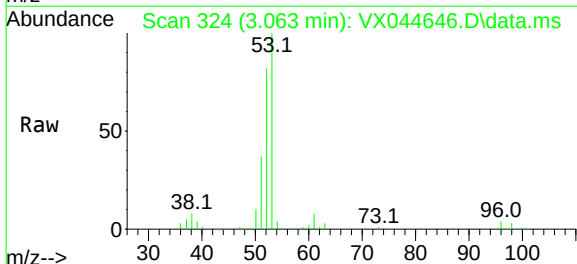
Tgt Ion: 53 Resp: 106492

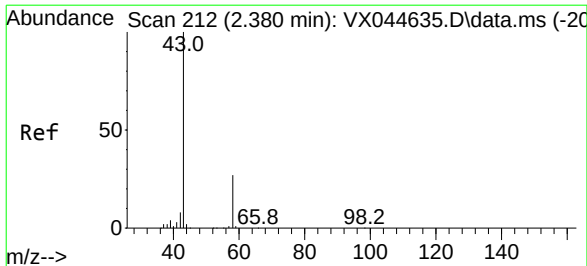
Ion Ratio Lower Upper

53 100

52 84.9 41.5 124.6

51 38.1 18.4 55.4





#15

Acetone

Concen: 114.192 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 32228

Ion Ratio Lower Upper

58 100

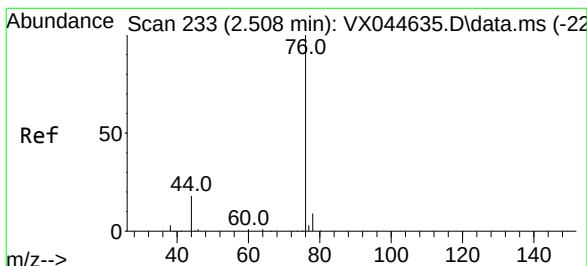
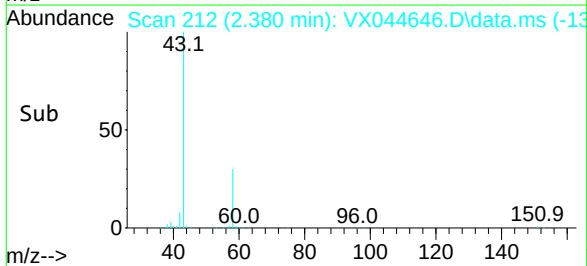
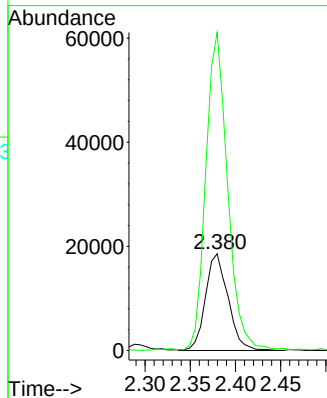
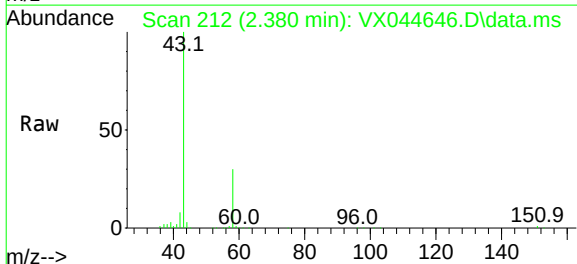
43 328.2 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 19.582 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044646.D

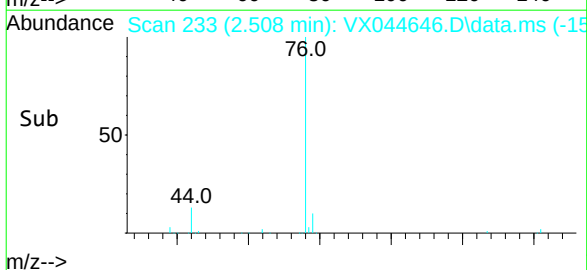
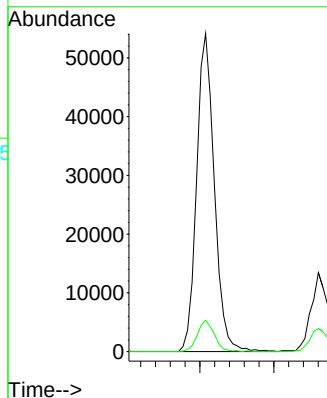
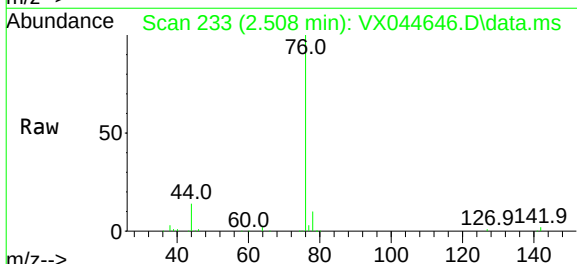
Acq: 09 Jan 2025 05:27

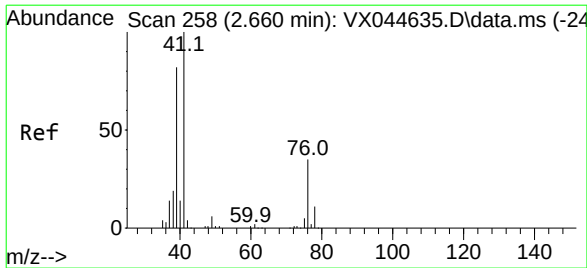
Tgt Ion: 76 Resp: 89878

Ion Ratio Lower Upper

76 100

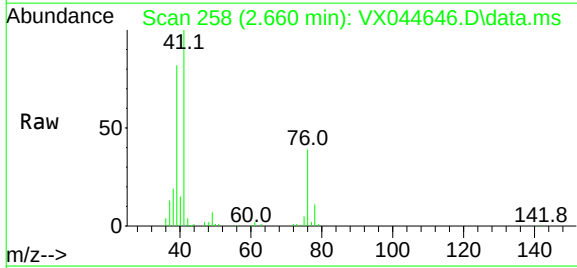
78 9.8 7.0 10.4





#17
 Allyl chloride
 Concen: 18.809 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27

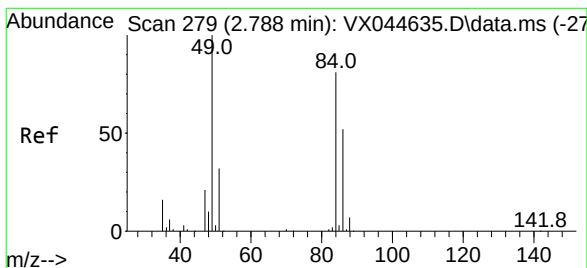
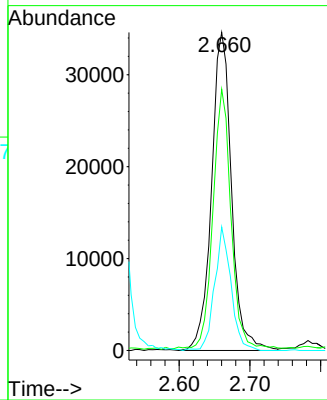
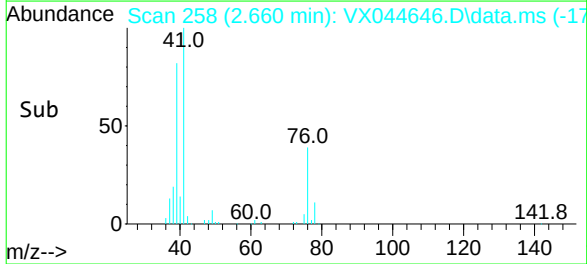
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



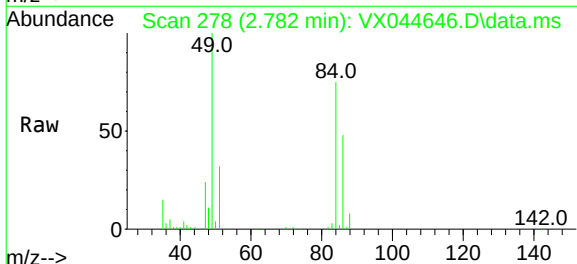
Tgt Ion: 41 Resp: 67893
 Ion Ratio Lower Upper
 41 100
 39 81.3 40.9 122.7
 76 38.8 17.4 52.2

Manual Integrations
 APPROVED

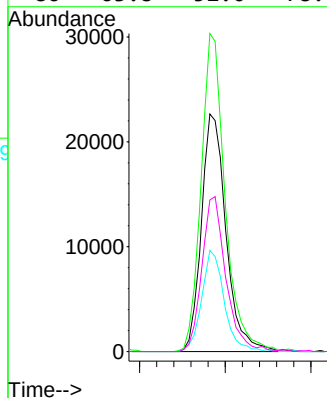
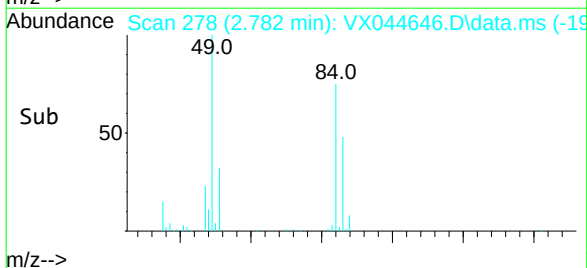
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

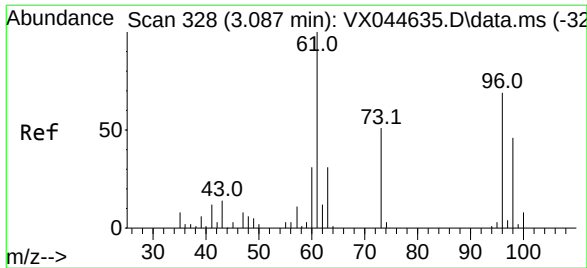


#18
 Methylene Chloride
 Concen: 18.620 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX044646.D
 Acq: 09 Jan 2025 05:27



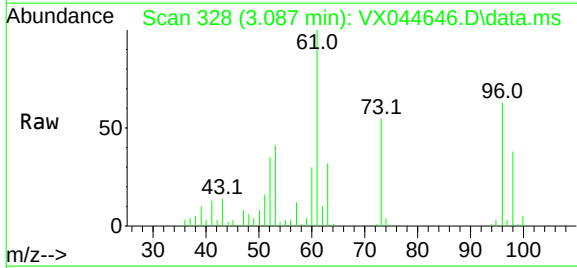
Tgt Ion: 84 Resp: 45168
 Ion Ratio Lower Upper
 84 100
 49 133.4 99.2 148.8
 51 42.6 31.7 47.5
 86 63.8 52.0 78.0





#19
trans-1,2-Dichloroethene
Concen: 17.981 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

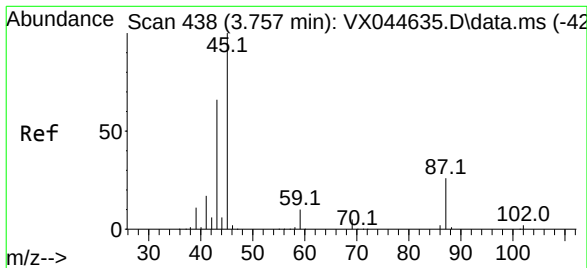
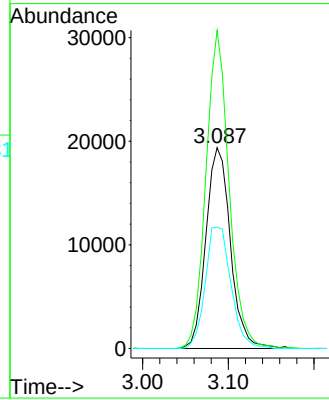
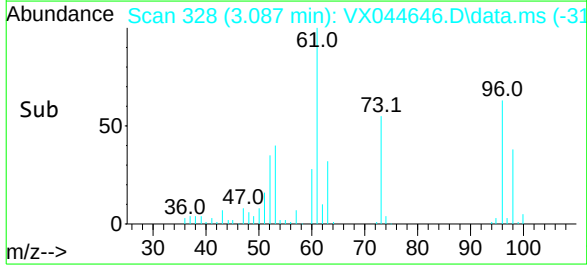
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



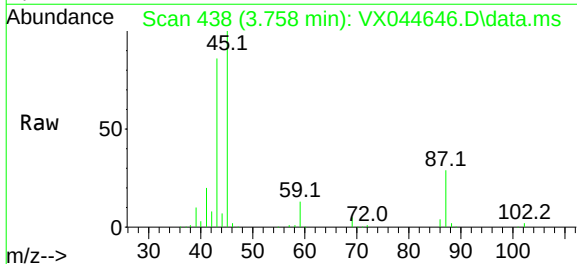
Tgt Ion: 96 Resp: 38537
Ion Ratio Lower Upper
96 100
61 158.0 116.6 175.0
98 60.4 53.3 79.9

Manual Integrations
APPROVED

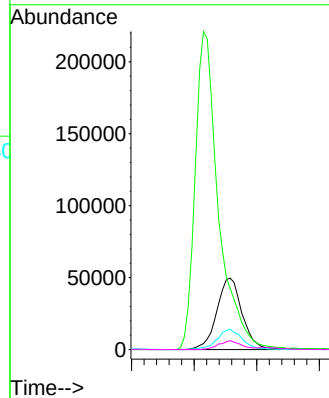
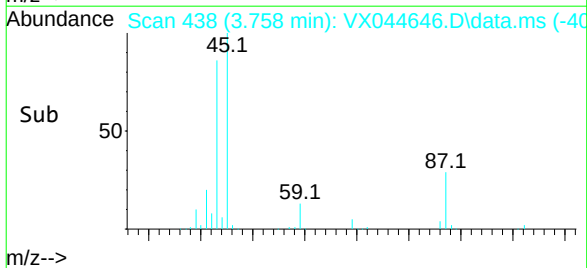
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

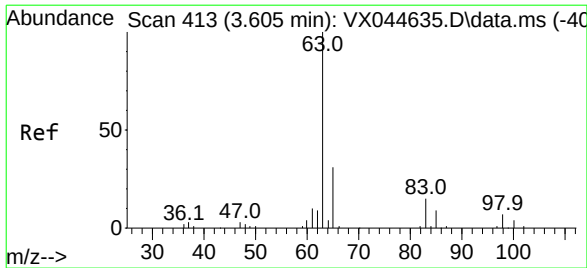


#20
Diisopropyl ether
Concen: 18.372 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



Tgt Ion: 45 Resp: 139323
Ion Ratio Lower Upper
45 100
43 82.8 62.0 93.0
87 28.6 20.6 30.8
59 12.6 8.4 12.6#





#21

1,1-Dichloroethane

Concen: 18.391 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

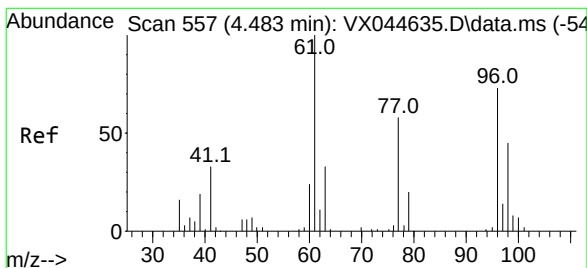
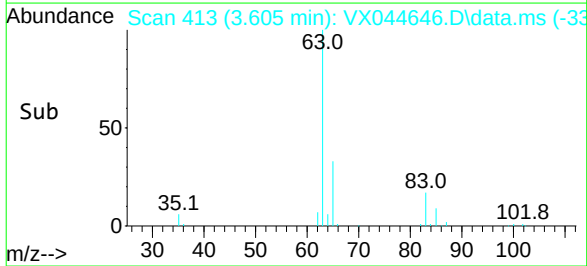
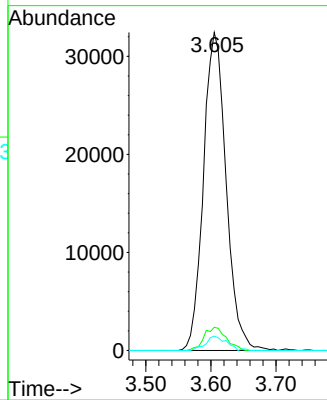
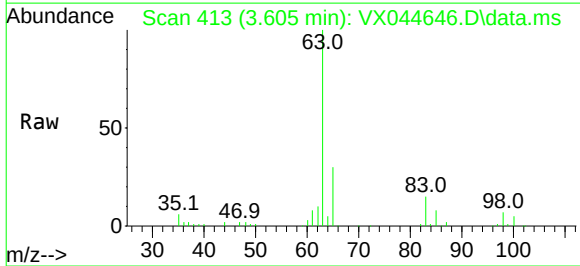
Tgt Ion:	63	Resp:	78614
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.5	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 18.592 ug/l

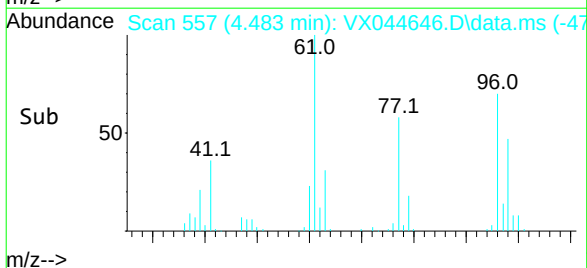
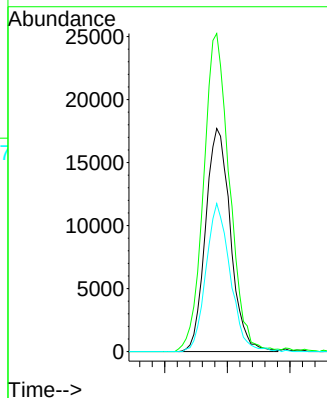
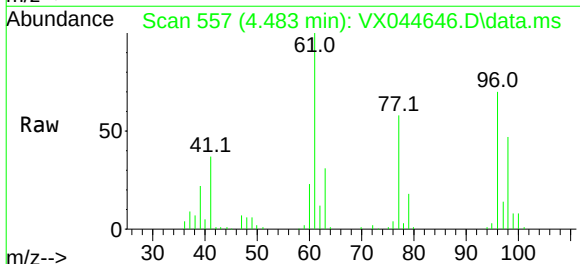
RT: 4.483 min Scan# 557

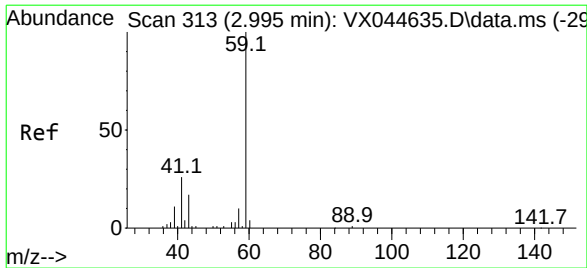
Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion:	96	Resp:	49083
Ion	Ratio	Lower	Upper
96	100		
61	147.2	119.8	179.8
98	63.7	51.6	77.4





#23

tert-Butyl Alcohol

Concen: 98.656 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 41460

Ion Ratio Lower Upper

59 100

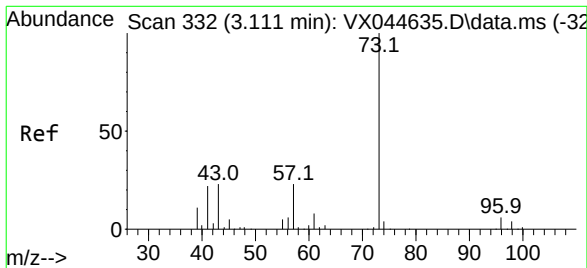
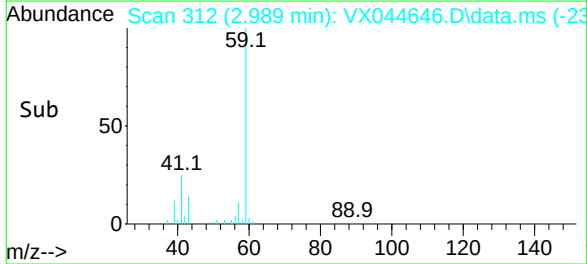
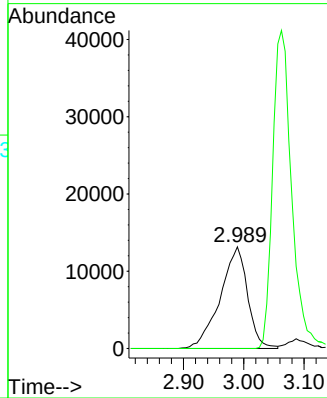
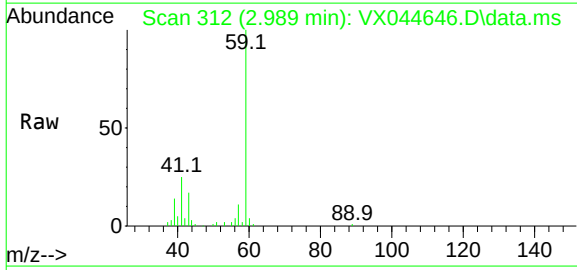
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

Methyl tert-Butyl Ether

Concen: 18.299 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044646.D

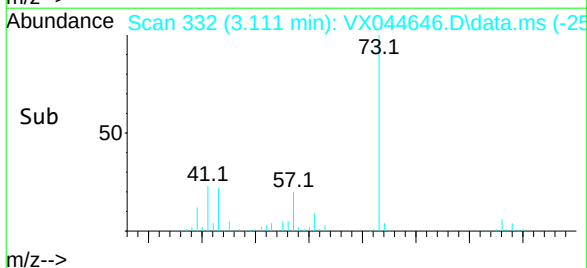
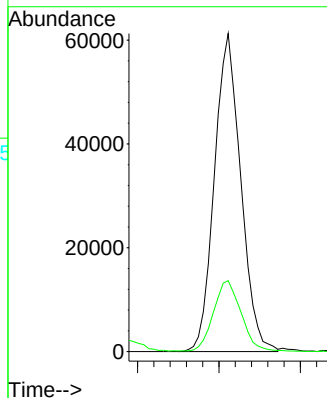
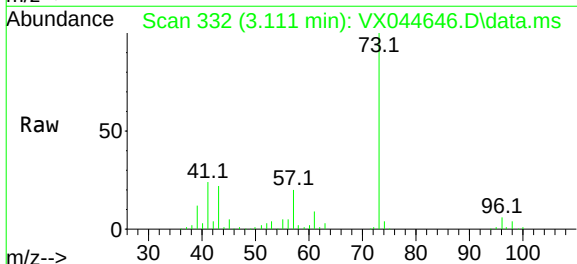
Acq: 09 Jan 2025 05:27

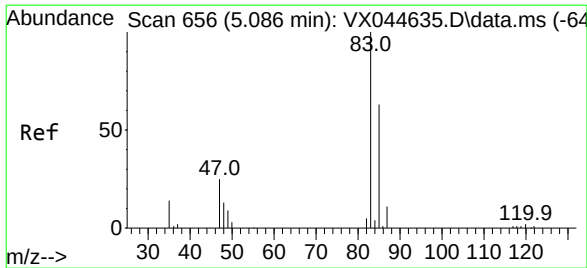
Tgt Ion: 73 Resp: 137722

Ion Ratio Lower Upper

73 100

43 23.5 18.3 27.5





#25

Chloroform

Concen: 18.552 ug/l

RT: 5.087 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 85075

Ion Ratio Lower Upper

83 100

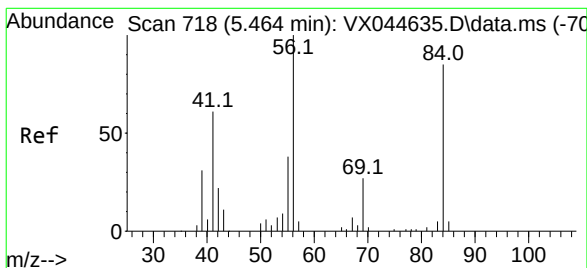
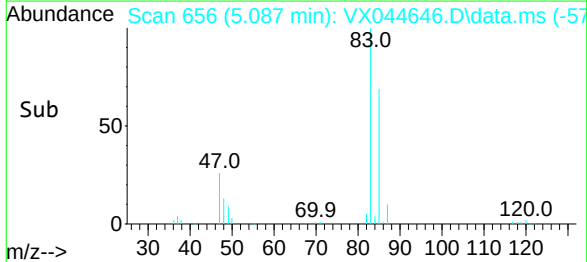
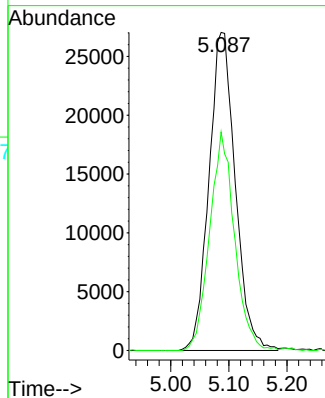
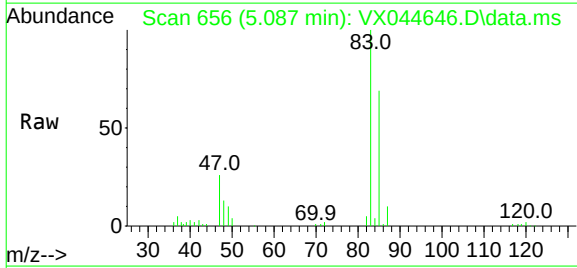
85 68.7 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 18.304 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

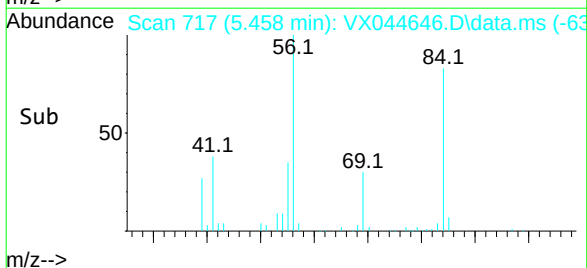
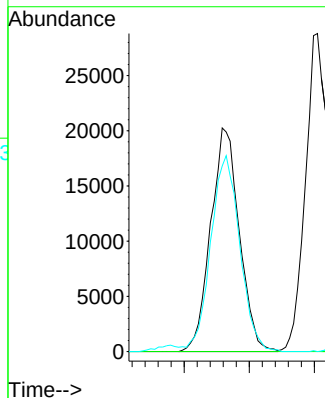
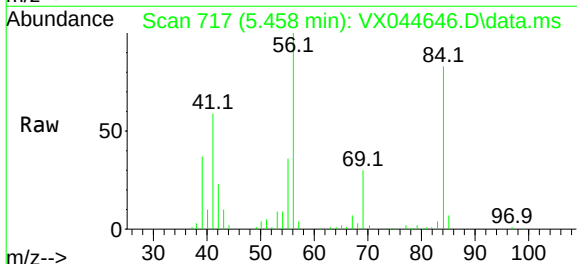
Tgt Ion: 56 Resp: 61908

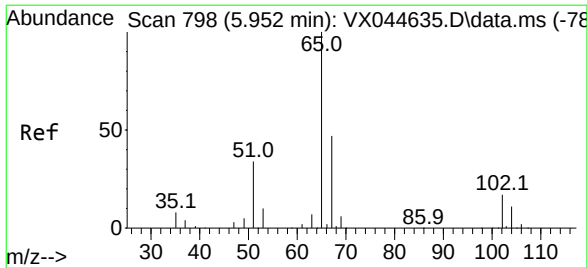
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.6 69.2 103.8





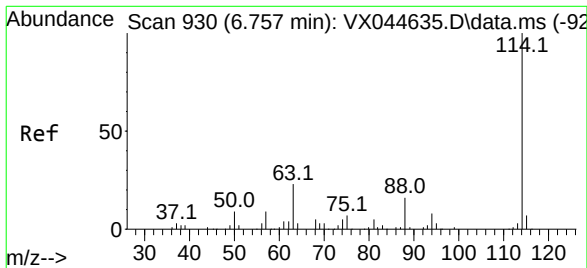
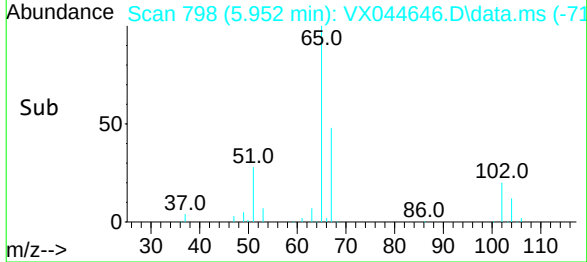
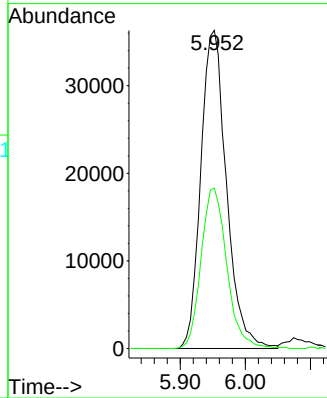
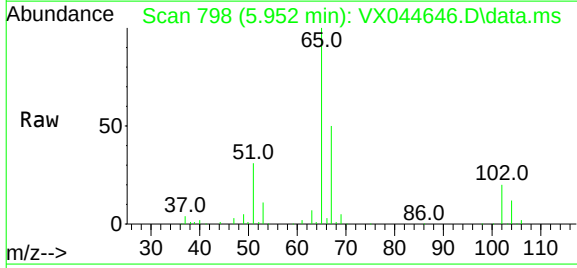
#27
1,2-Dichloroethane-d4
Concen: 30.037 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 99294
Ion Ratio Lower Upper
65 100
67 50.5 39.1 58.7

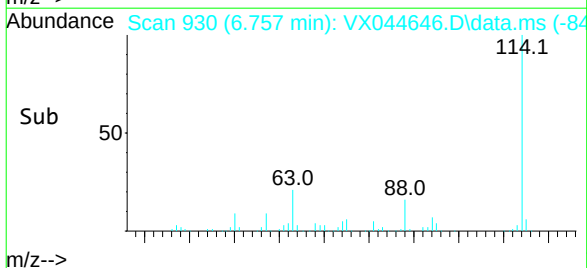
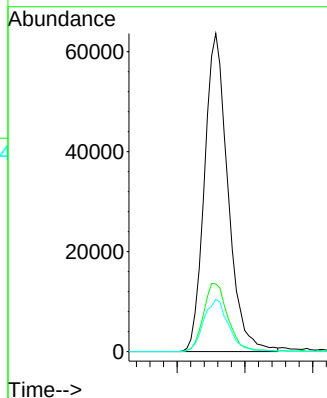
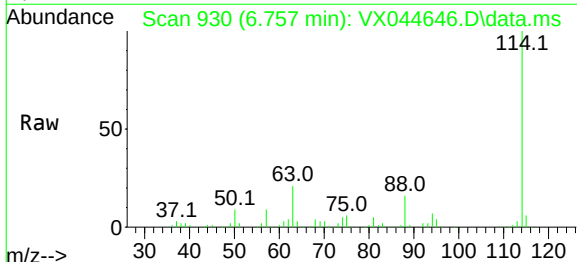
Manual Integrations
APPROVED

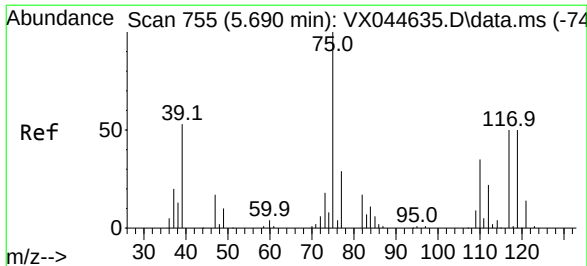
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

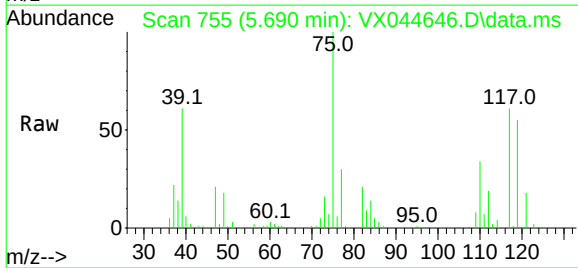
Tgt Ion:114 Resp: 153138
Ion Ratio Lower Upper
114 100
63 22.2 17.7 26.5
88 17.2 13.1 19.7





#29
1,1-Dichloropropene
Concen: 19.119 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

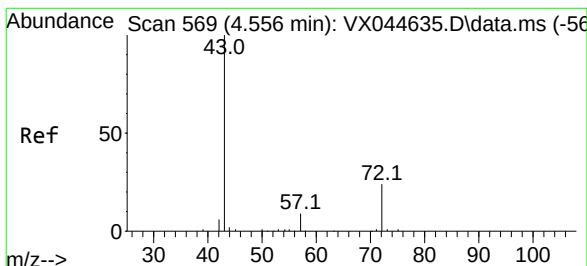
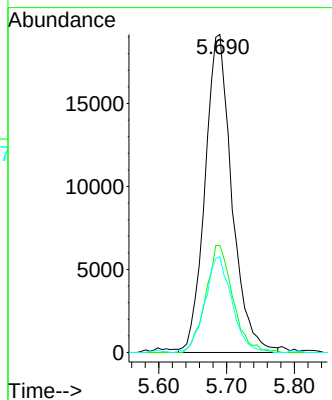
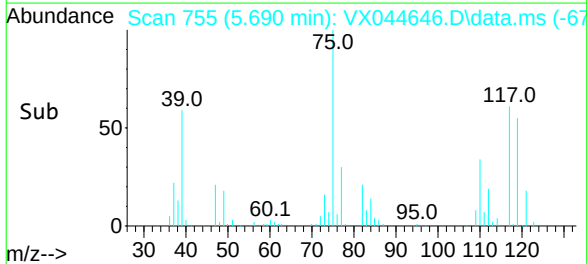
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 52776
Ion Ratio Lower Upper
75 100
110 33.2 0.0 67.4
77 30.1 0.0 62.8

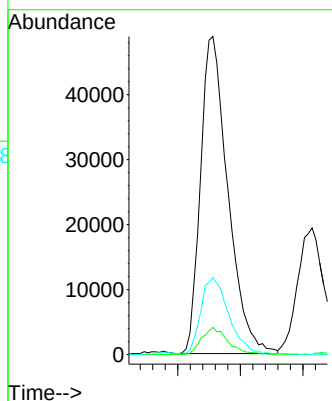
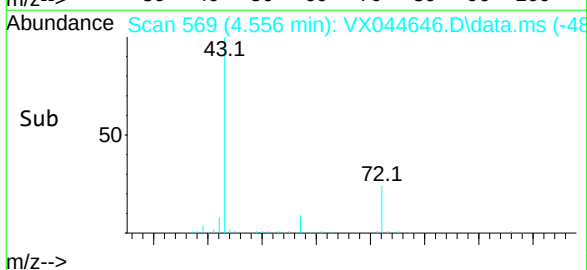
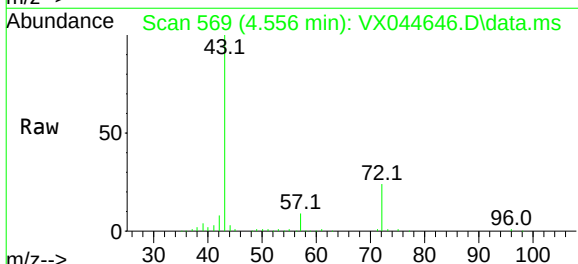
Manual Integrations
APPROVED

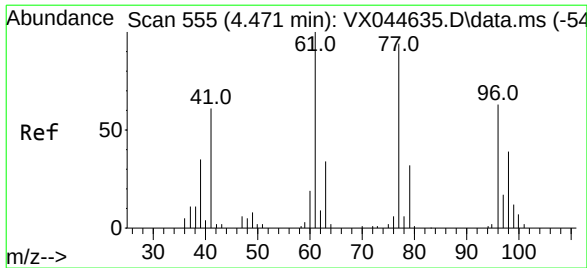
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 103.574 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

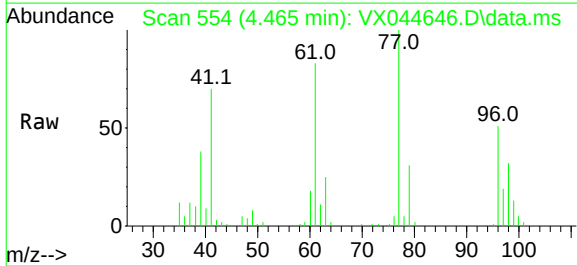
Tgt Ion: 43 Resp: 148430
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 24.7 19.4 29.2





#31
2,2-Dichloropropane
Concen: 18.230 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

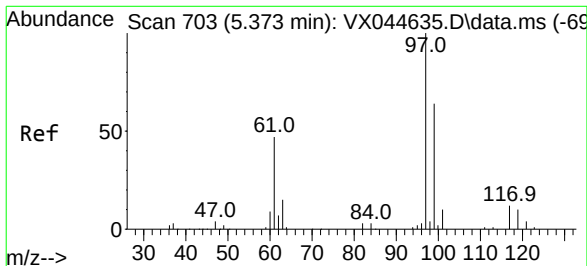
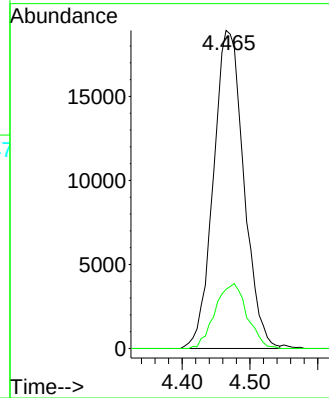
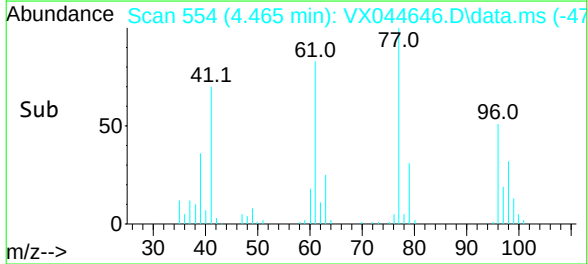
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 58870
Ion Ratio Lower Upper
77 100
97 21.4 9.3 13.9#

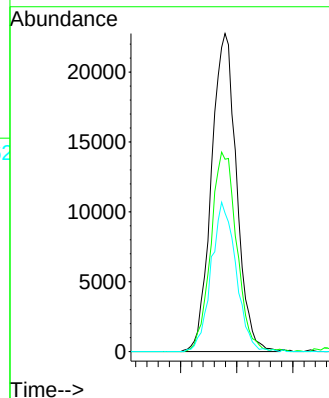
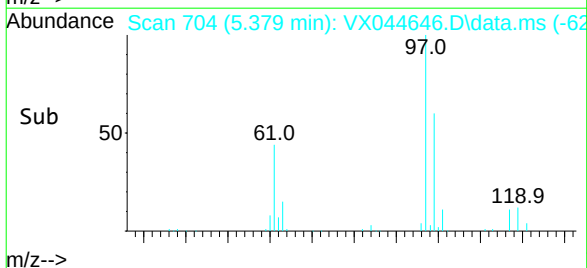
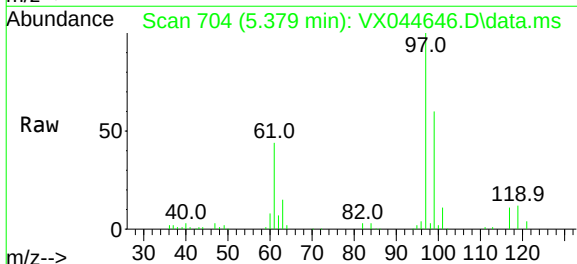
Manual Integrations
APPROVED

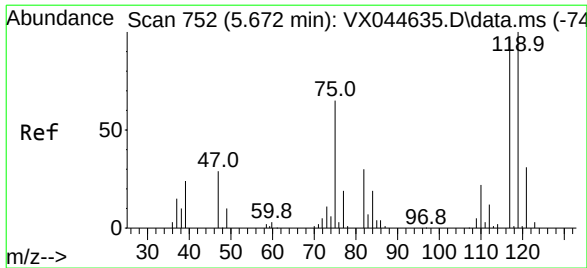
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 18.605 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

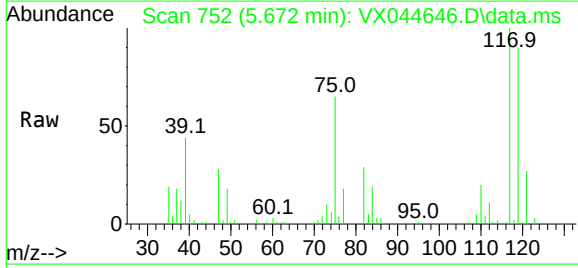
Tgt Ion: 97 Resp: 70868
Ion Ratio Lower Upper
97 100
99 64.4 50.2 75.4
61 46.0 37.4 56.0





#33
Carbon Tetrachloride
Concen: 18.161 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

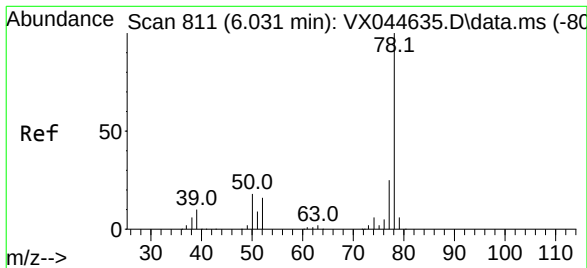
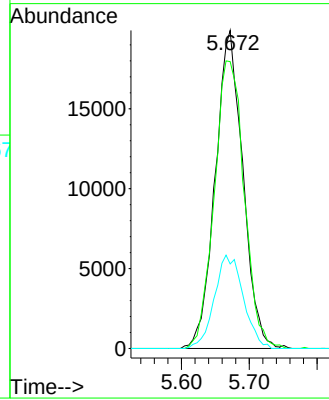
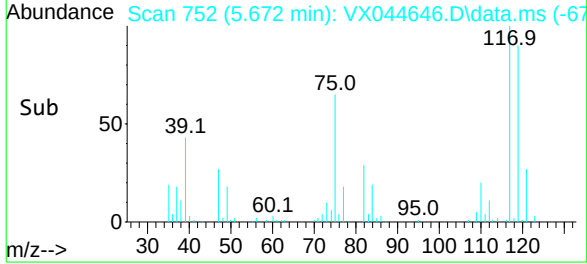
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 56337
Ion Ratio Lower Upper
117 100
119 90.2 83.0 124.6
121 26.6 25.6 38.4

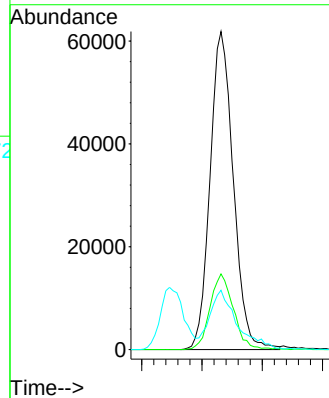
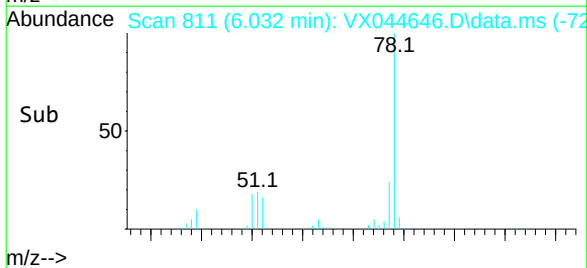
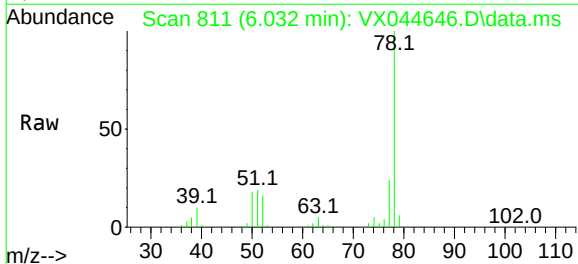
Manual Integrations
APPROVED

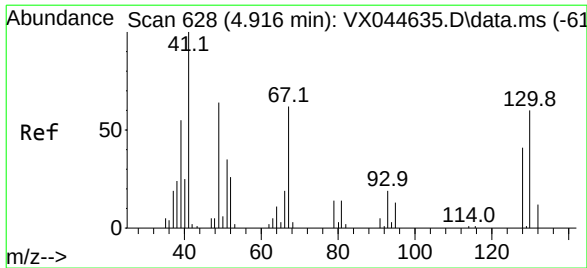
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 19.299 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

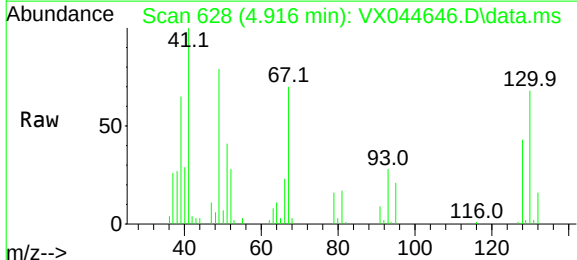
Tgt Ion: 78 Resp: 165999
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.6
51 18.1 14.5 21.7





#35
Methacrylonitrile
Concen: 19.565 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

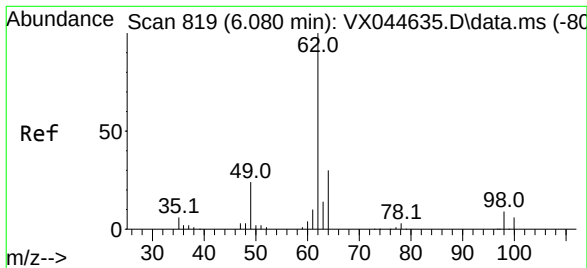
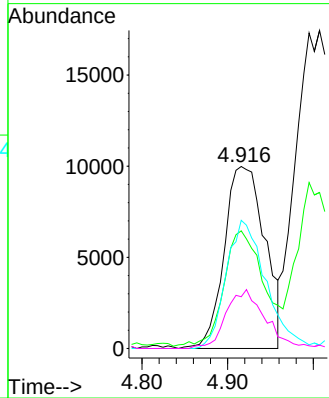
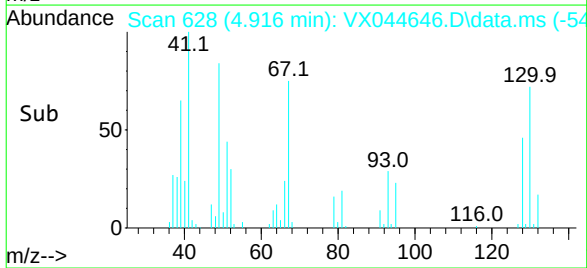
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 32954
Ion Ratio Lower Upper
41 100
39 62.7 27.7 83.0
67 70.4 31.1 93.3
52 28.4 13.1 39.1

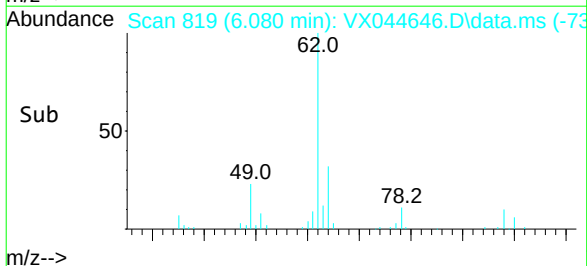
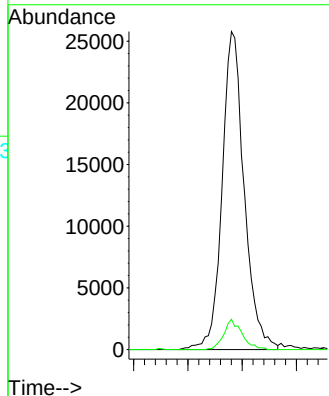
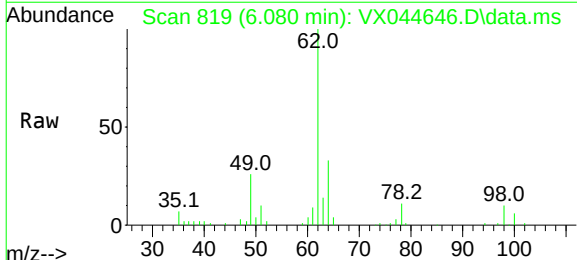
Manual Integrations
APPROVED

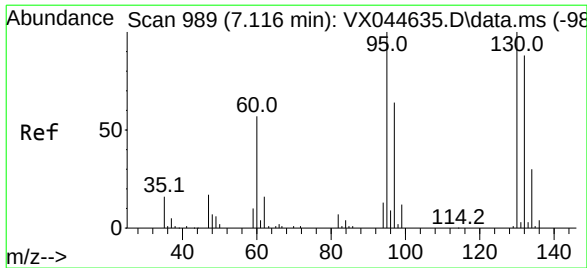
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 20.249 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

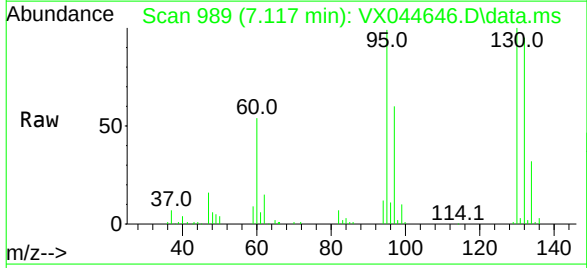
Tgt Ion: 62 Resp: 72789
Ion Ratio Lower Upper
62 100
98 7.8 6.7 10.1





#37
Trichloroethene
Concen: 18.661 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

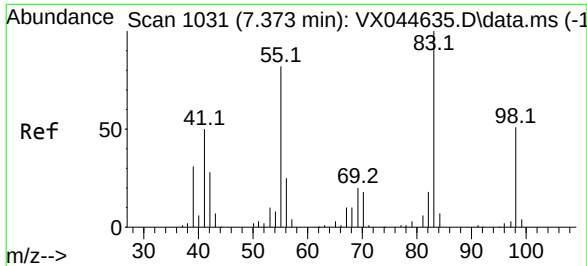
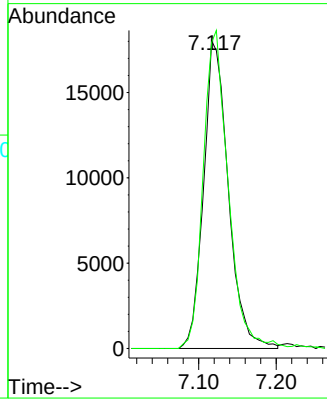
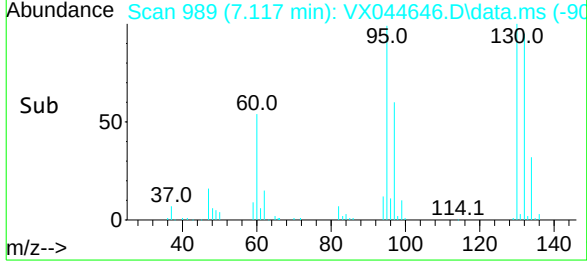
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 130 Resp: 40128
Ion Ratio Lower Upper
130 100
95 99.4 80.2 120.4

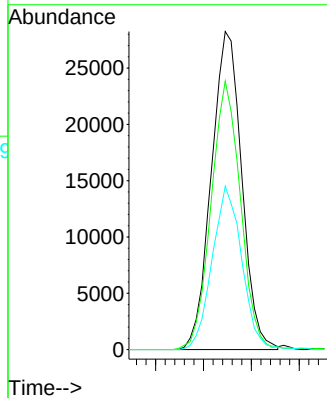
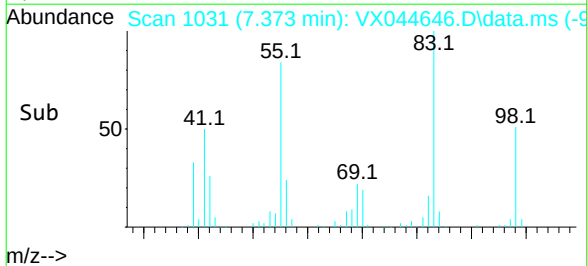
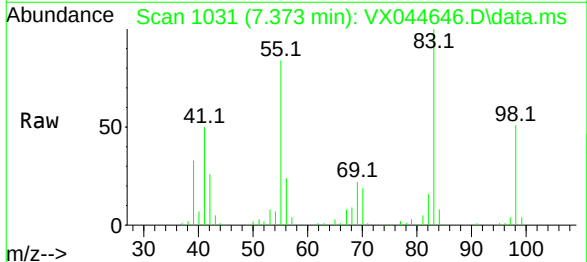
Manual Integrations
APPROVED

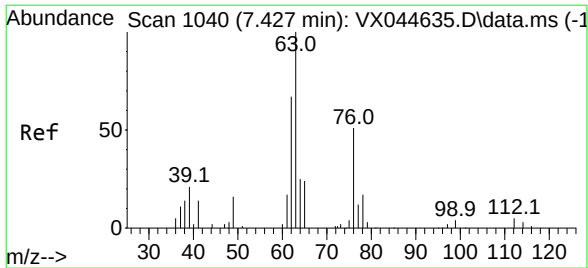
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#38
Methylcyclohexane
Concen: 18.103 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

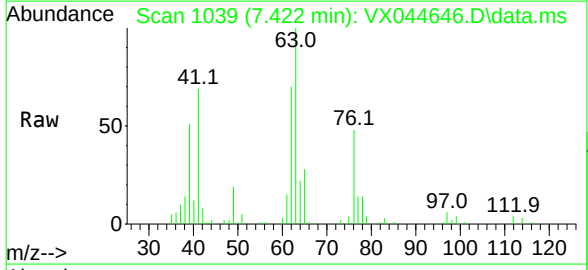
Tgt Ion: 83 Resp: 62275
Ion Ratio Lower Upper
83 100
55 81.6 40.0 120.0
98 50.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 18.706 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

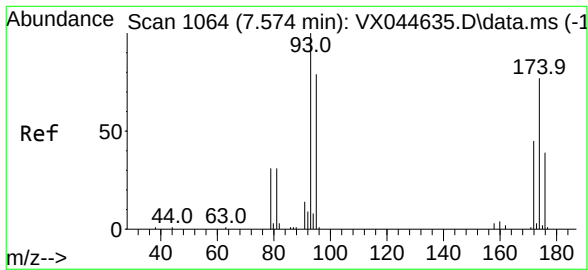
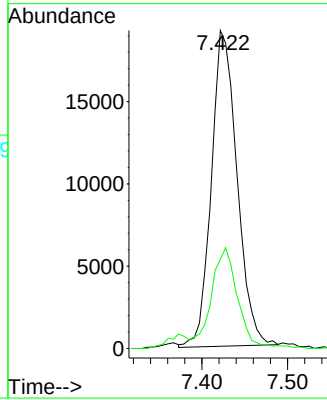
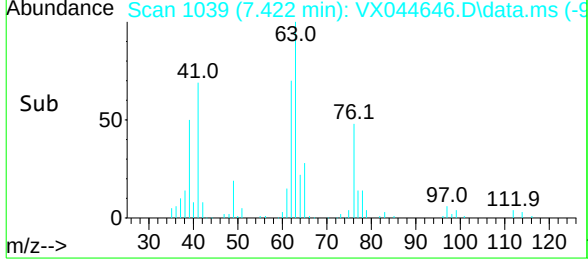
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



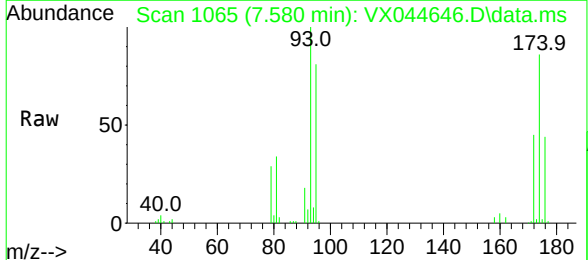
Tgt Ion: 63 Resp: 39984
Ion Ratio Lower Upper
63 100
65 27.4 21.4 32.0

Manual Integrations
APPROVED

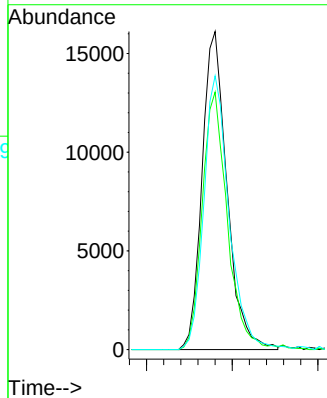
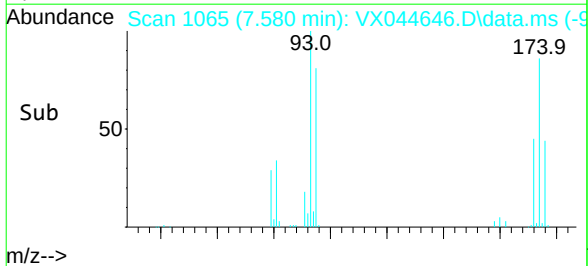
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

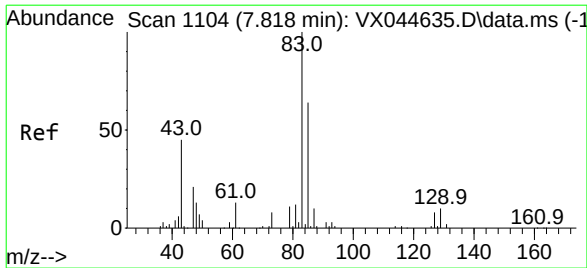


#40
Dibromomethane
Concen: 19.424 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



Tgt Ion: 93 Resp: 32565
Ion Ratio Lower Upper
93 100
95 81.0 0.0 165.2
174 87.6 0.0 176.2





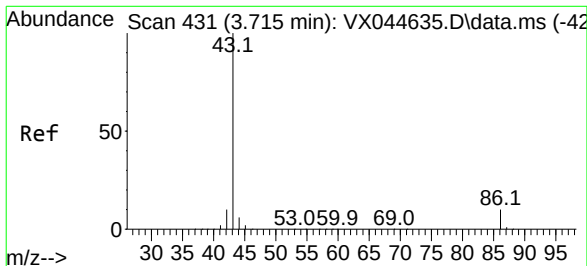
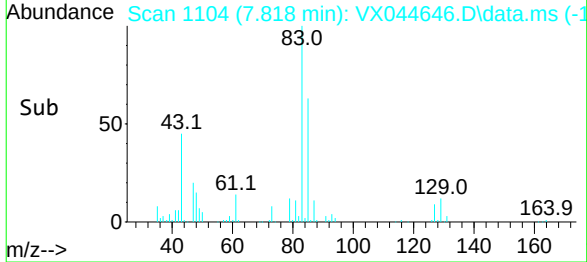
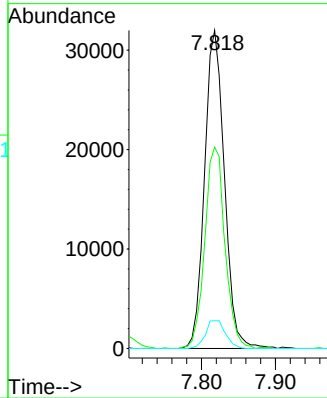
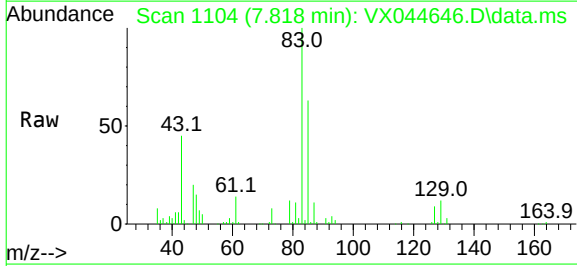
#41
Bromodichloromethane
Concen: 18.924 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.8	76.2
127	8.7	6.6	9.8

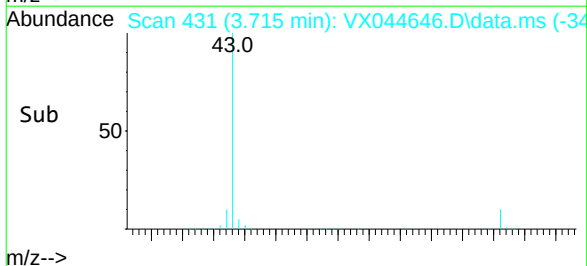
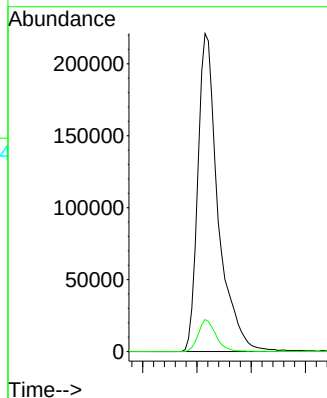
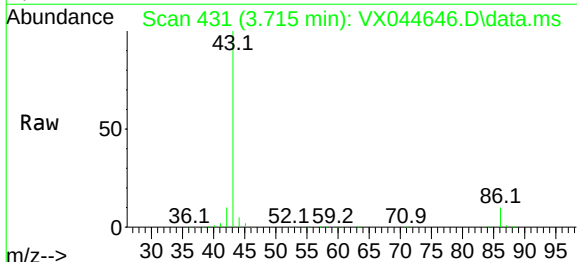
Manual Integrations
APPROVED

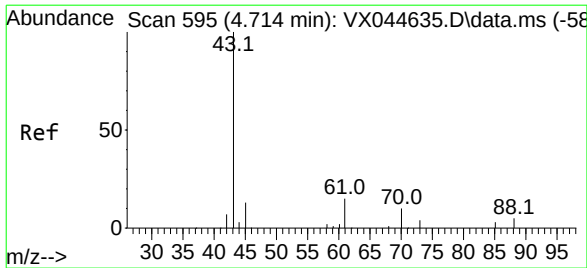
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 95.083 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.1	10.7





#43

Ethyl Acetate

Concen: 20.208 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 60276

Ion Ratio Lower Upper

43 100

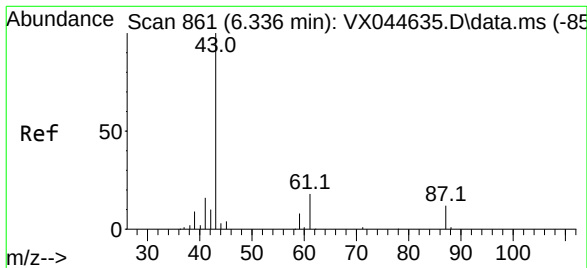
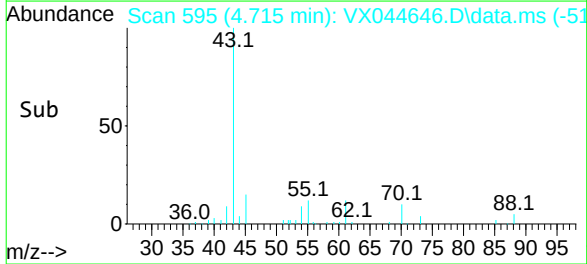
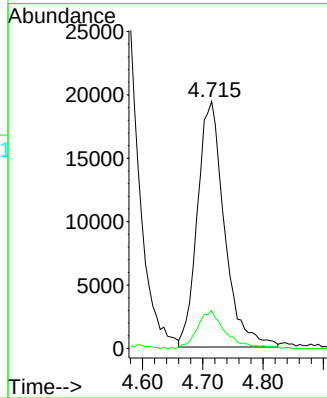
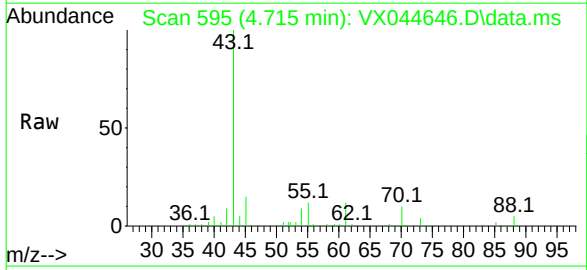
45 14.8 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 19.805 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044646.D

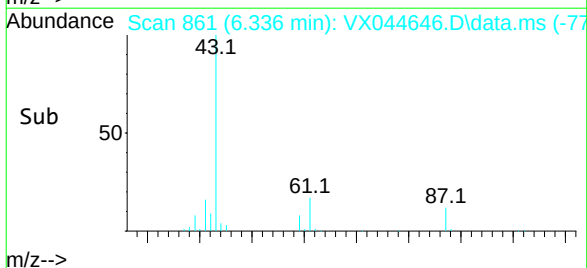
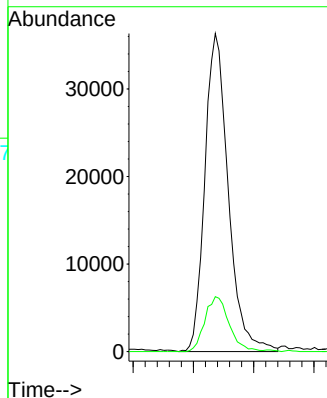
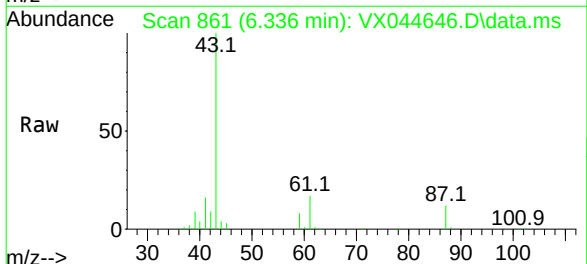
Acq: 09 Jan 2025 05:27

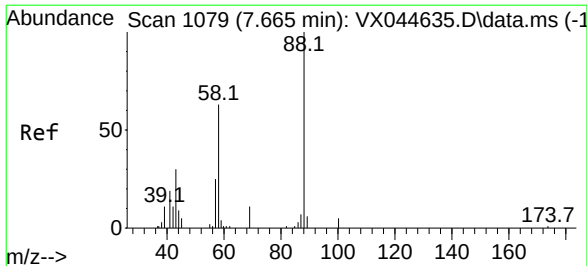
Tgt Ion: 43 Resp: 98194

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.2





#45

1,4-Dioxane

Concen: 433.944 ug/l

RT: 7.659 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

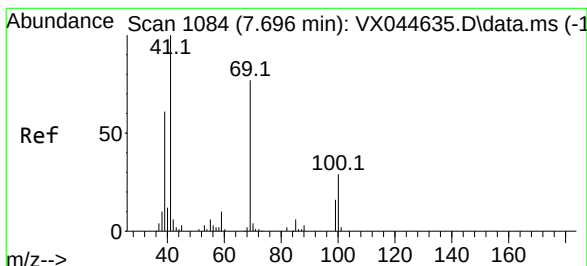
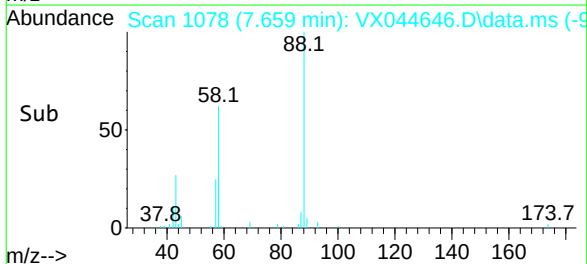
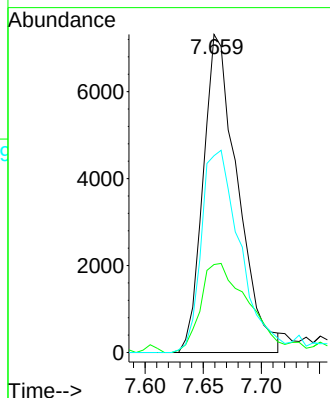
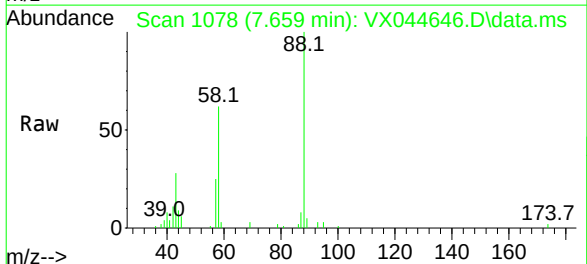
Tgt Ion:	88	Resp:	15075
Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.0	46.4
58	71.4	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#46

Methyl methacrylate

Concen: 19.749 ug/l

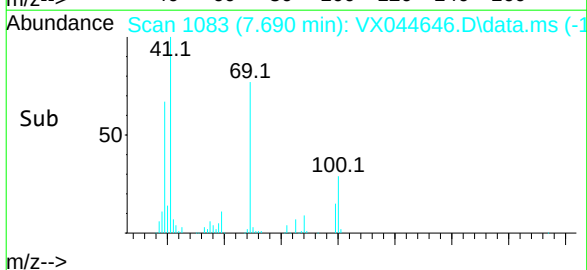
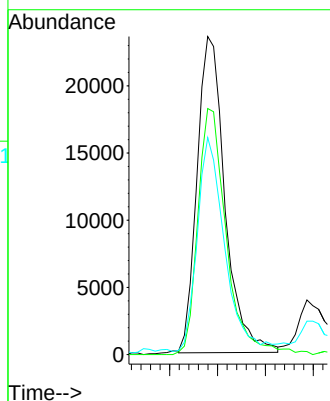
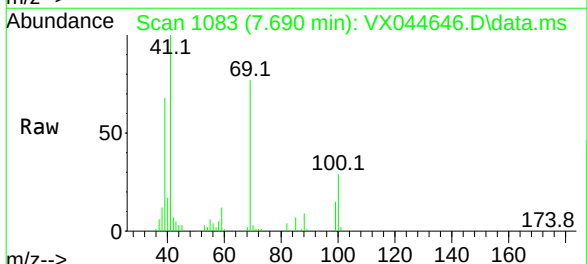
RT: 7.690 min Scan# 1083

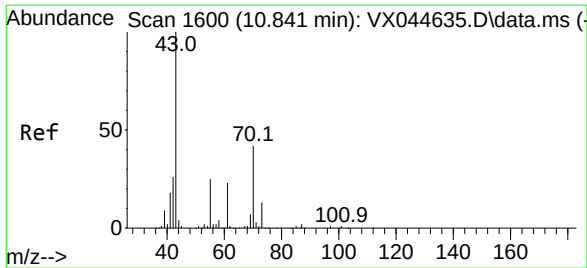
Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion:	41	Resp:	47737
Ion	Ratio	Lower	Upper
41	100		
69	77.4	38.6	115.8
39	67.7	30.7	92.1





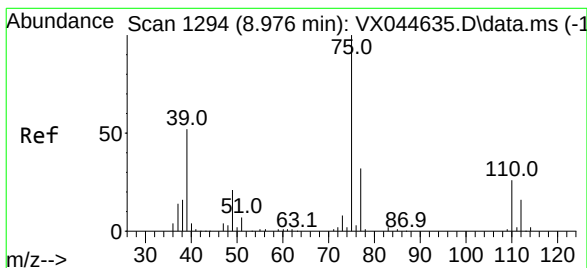
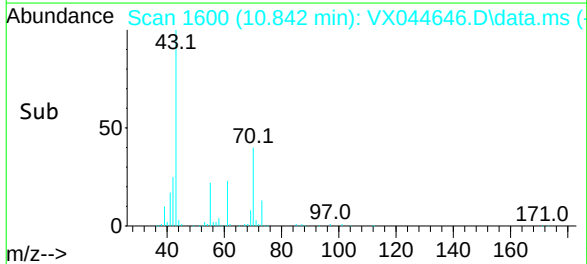
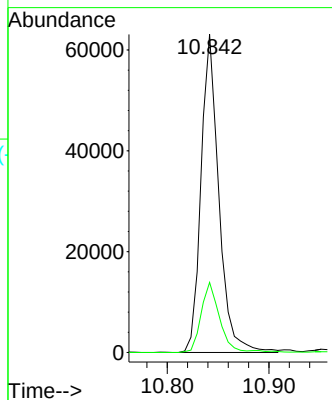
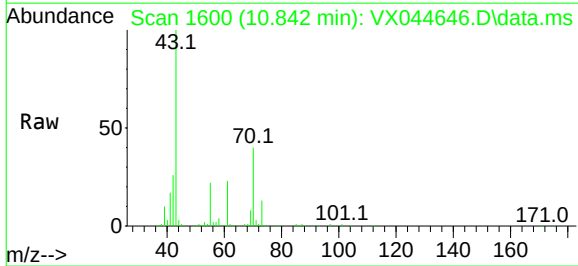
#47
n-amy1 Acetate
Concen: 19.116 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 76850
Ion Ratio Lower Upper
43 100
55 22.3 19.7 29.5

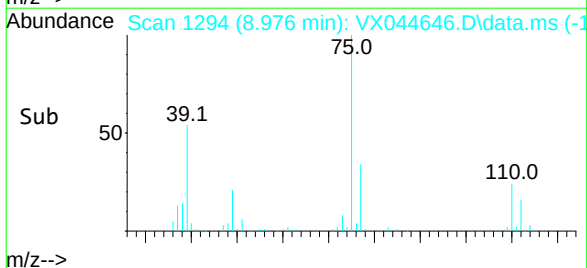
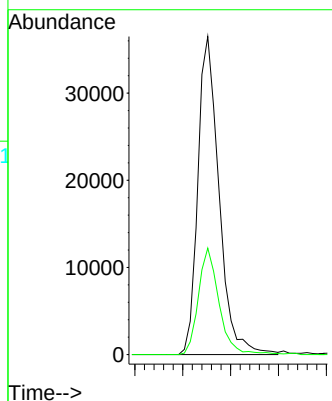
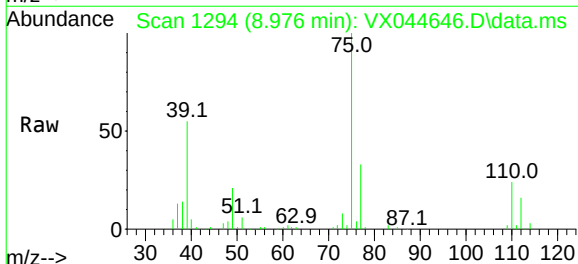
Manual Integrations
APPROVED

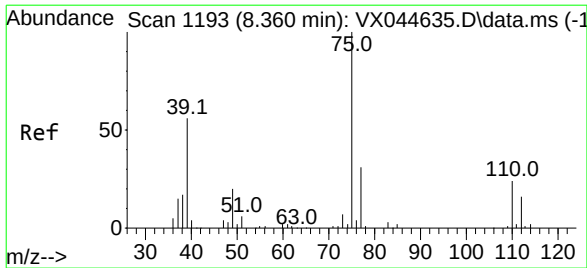
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#48
t-1,3-Dichloropropene
Concen: 18.398 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

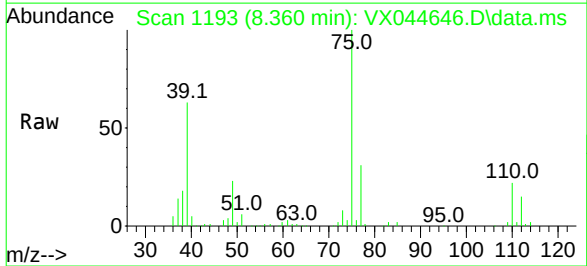
Tgt Ion: 75 Resp: 56070
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5





#49
cis-1,3-Dichloropropene
Concen: 17.711 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

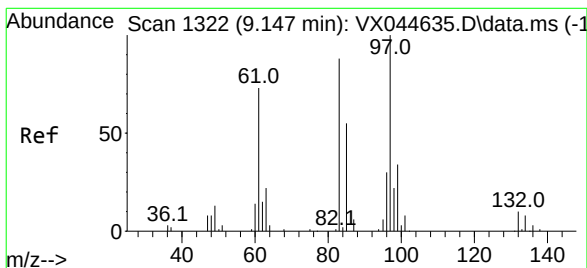
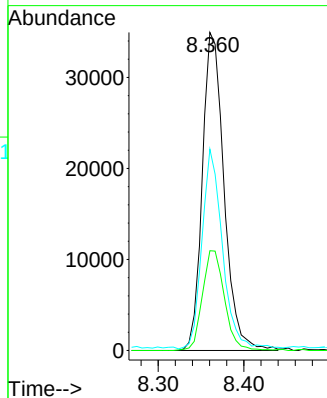
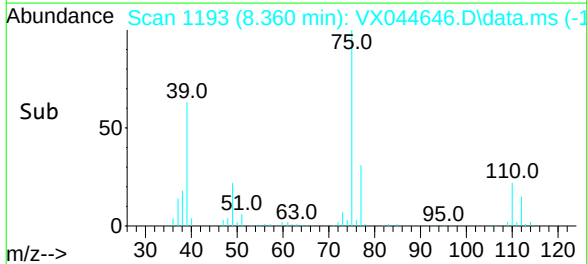
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



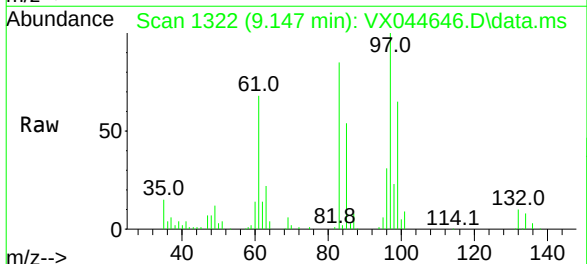
Tgt Ion: 75 Resp: 61622
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 62.8 44.8 67.2

Manual Integrations
APPROVED

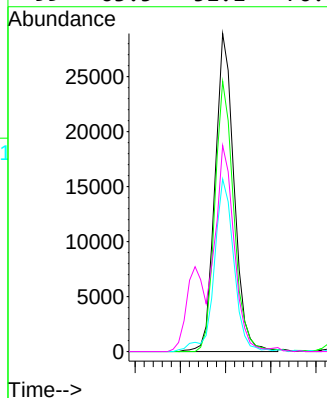
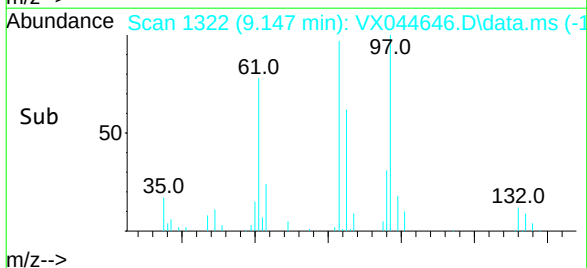
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

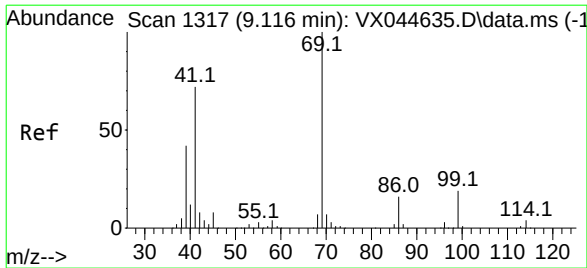


#50
1,1,2-Trichloroethane
Concen: 19.954 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



Tgt Ion: 97 Resp: 42407
Ion Ratio Lower Upper
97 100
83 85.0 70.5 105.7
85 53.7 45.4 68.2
99 63.5 51.1 76.7





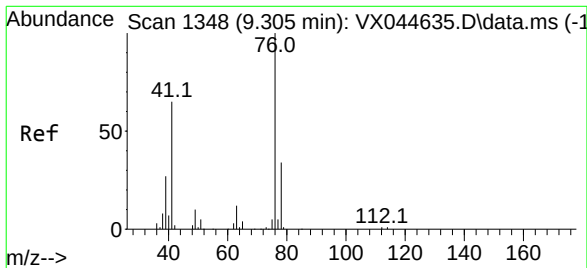
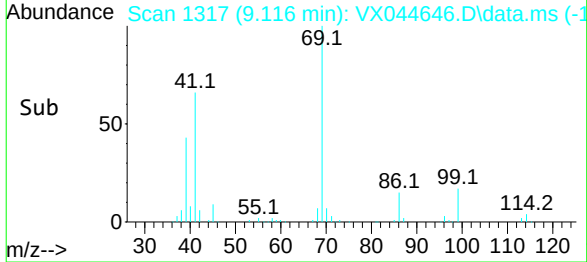
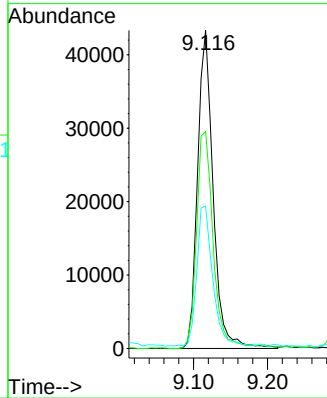
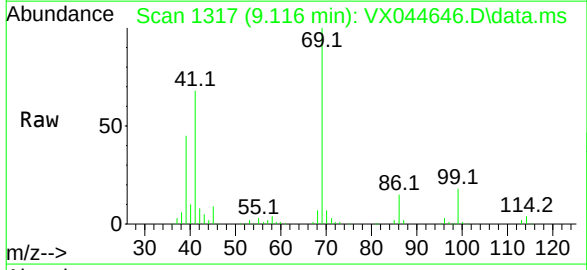
#51
Ethyl methacrylate
Concen: 19.523 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 63375
Ion Ratio Lower Upper
69 100
41 68.2 35.8 107.4
39 43.7 21.0 63.0

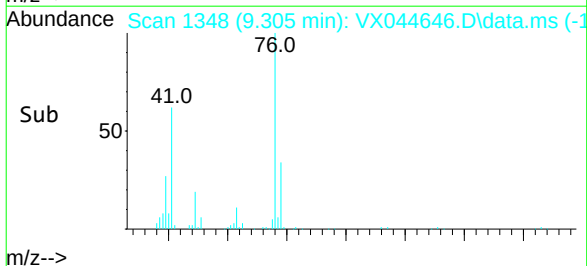
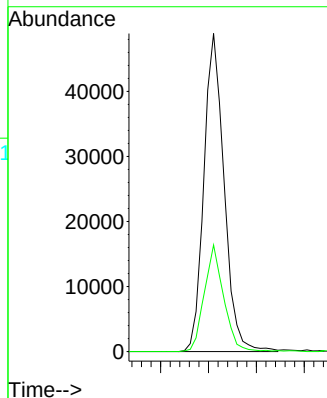
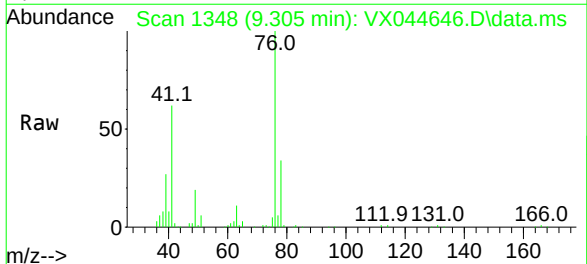
Manual Integrations
APPROVED

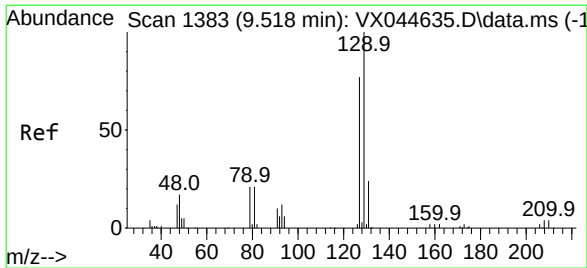
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 19.731 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 76 Resp: 71861
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.0





#53

Dibromochloromethane

Concen: 18.409 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 40696

Ion Ratio Lower Upper

129 100

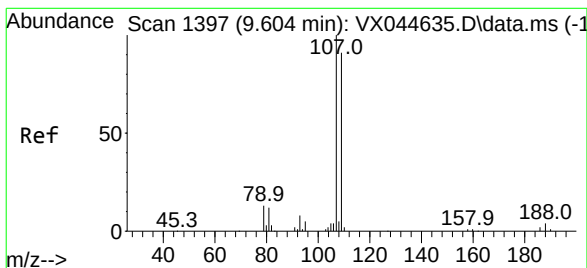
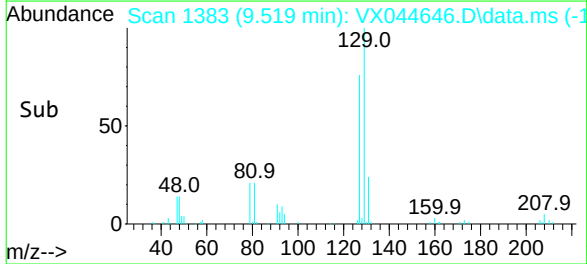
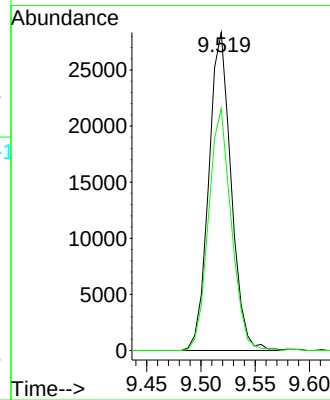
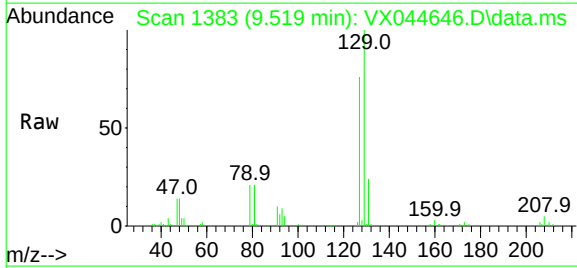
127 77.2 39.0 116.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#54

1,2-Dibromoethane

Concen: 19.633 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044646.D

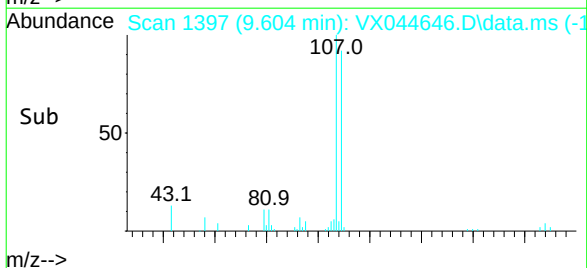
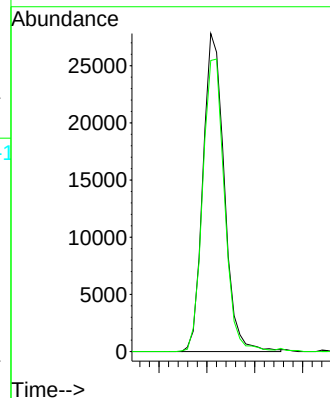
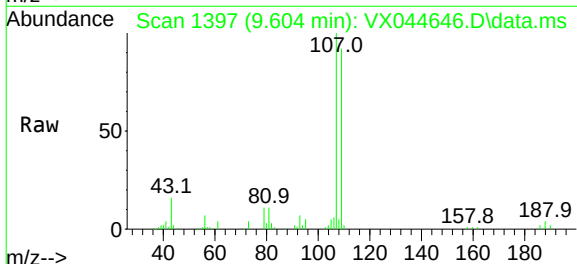
Acq: 09 Jan 2025 05:27

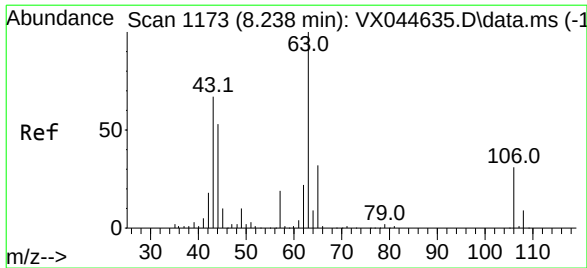
Tgt Ion:107 Resp: 42932

Ion Ratio Lower Upper

107 100

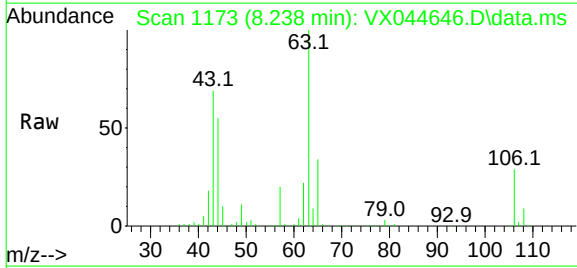
109 92.9 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 99.258 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

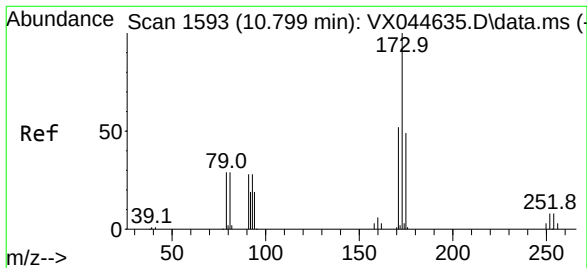
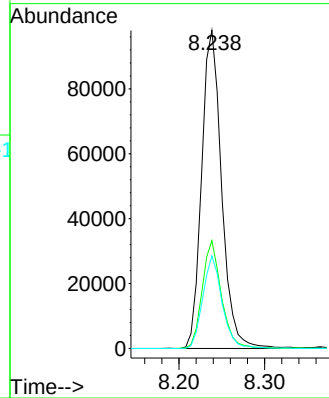
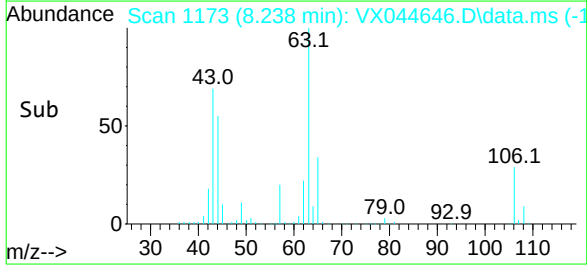
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



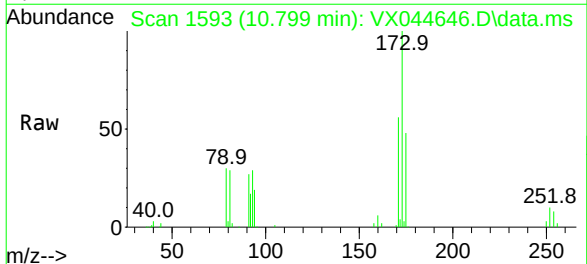
Tgt Ion: 63 Resp: 158761
Ion Ratio Lower Upper
63 100
65 32.2 26.1 39.1
106 28.2 22.6 33.8

Manual Integrations
APPROVED

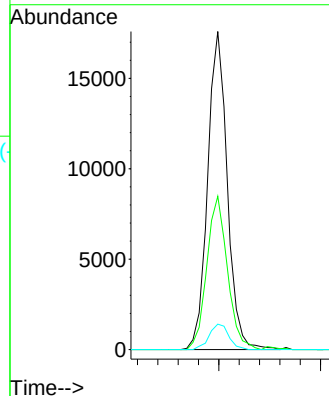
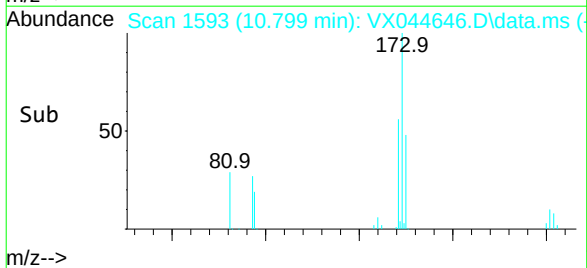
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

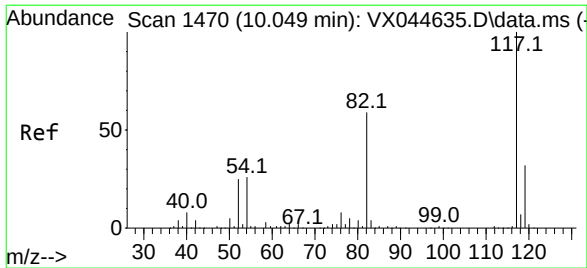


#56
Bromoform
Concen: 17.298 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27



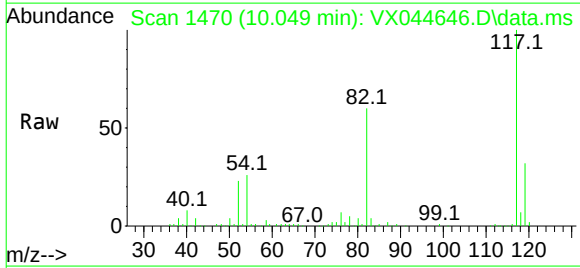
Tgt Ion:173 Resp: 23583
Ion Ratio Lower Upper
173 100
175 50.6 39.1 58.7
254 8.0 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

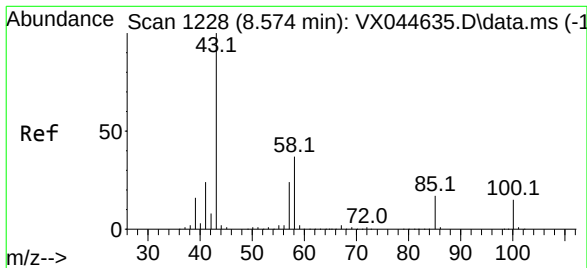
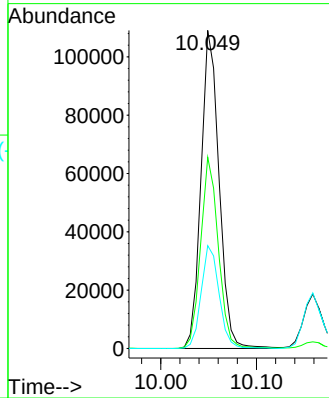
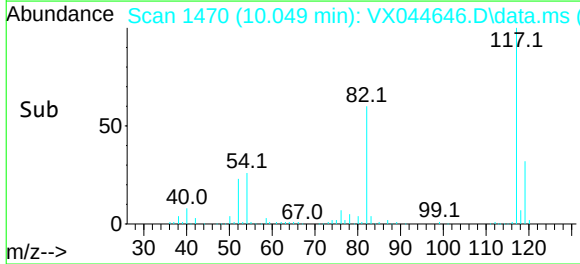
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 142943
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.0 25.5 38.3

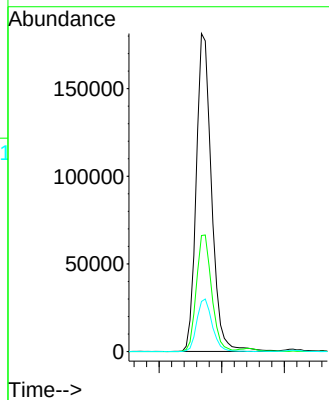
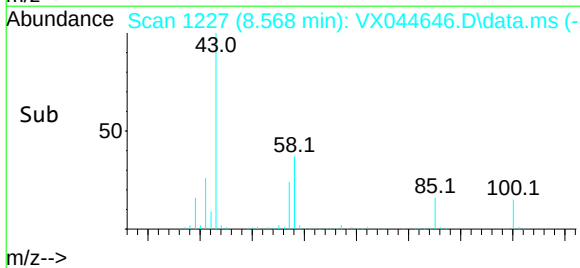
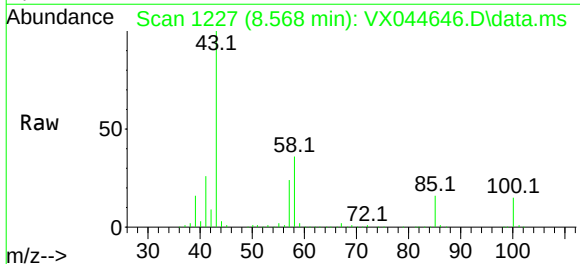
Manual Integrations
APPROVED

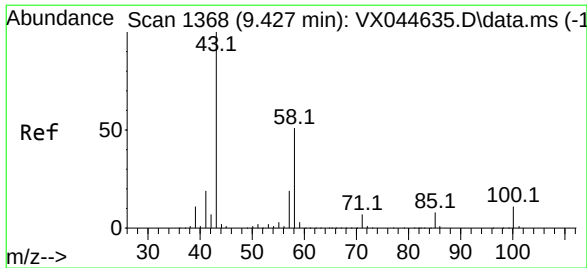
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
4-Methyl-2-Pentanone
Concen: 105.706 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 43 Resp: 308157
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 16.7 13.4 20.2





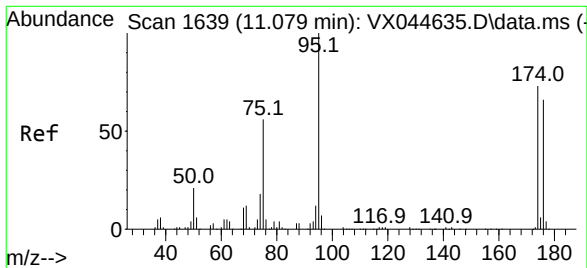
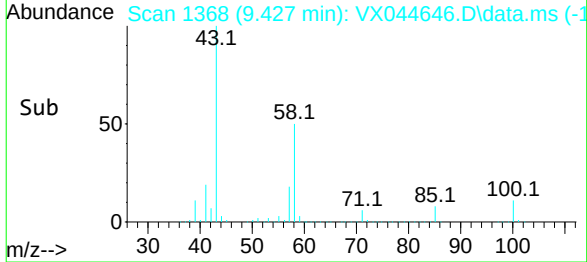
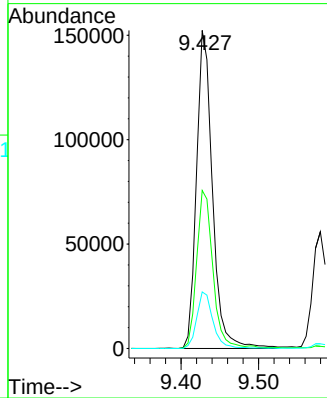
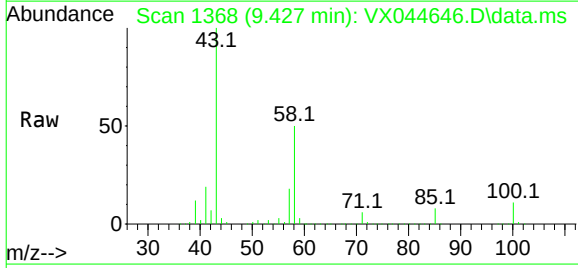
#59
2-Hexanone
Concen: 108.363 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.8	61.2
57	18.0	15.2	22.8

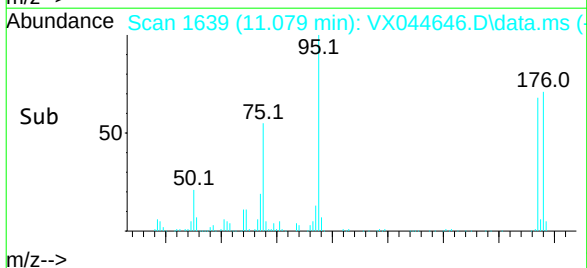
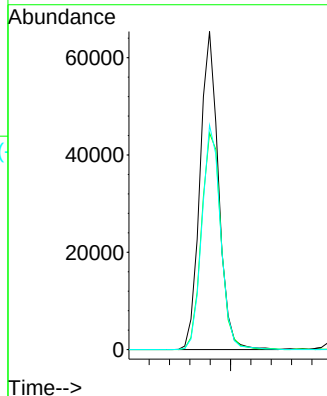
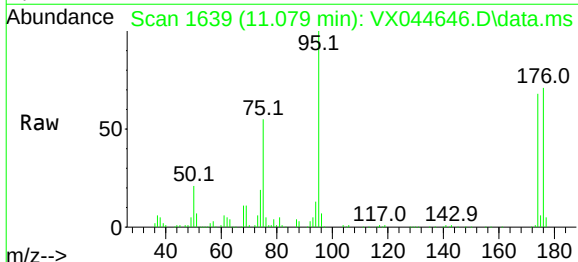
Manual Integrations
APPROVED

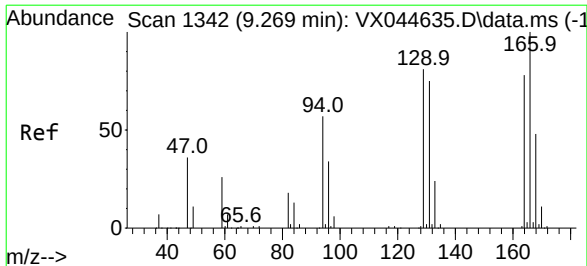
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 30.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	58.6	88.0
176	71.5	55.2	82.8





#61

Tetrachloroethene

Concen: 19.197 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 35253

Ion Ratio Lower Upper

164 100

166 130.0 102.7 154.1

129 101.8 83.6 125.4

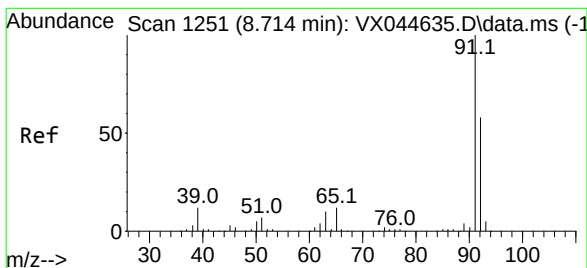
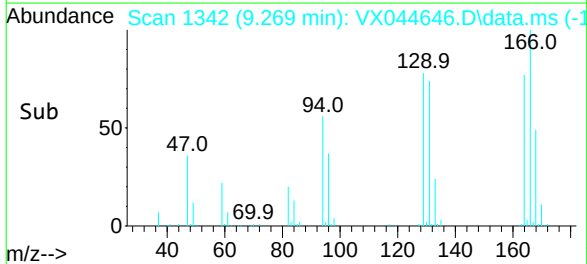
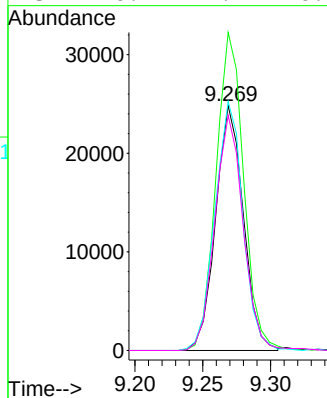
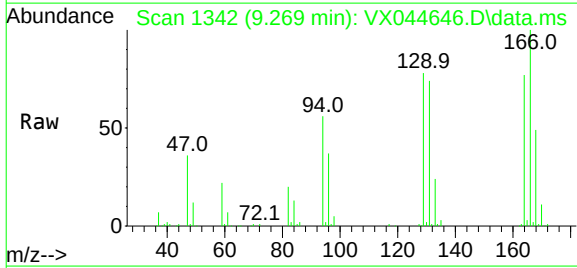
131 96.1 77.4 116.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#62

Toluene

Concen: 19.255 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044646.D

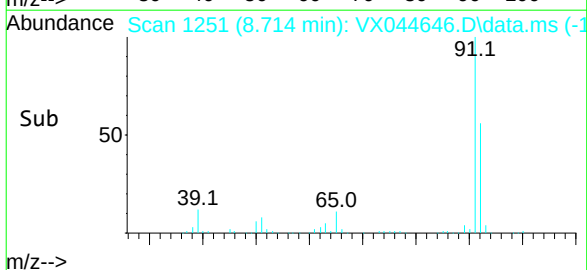
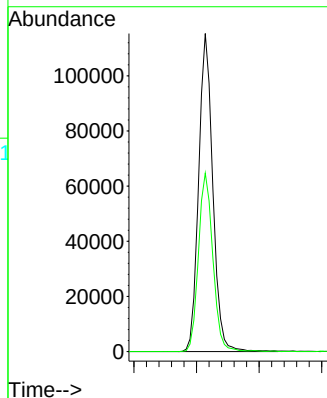
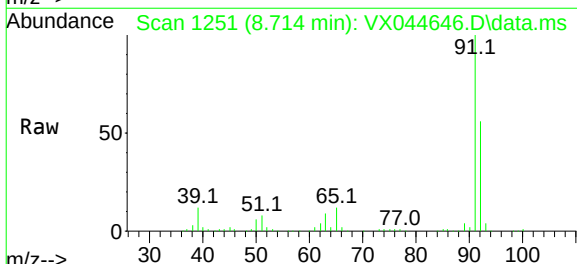
Acq: 09 Jan 2025 05:27

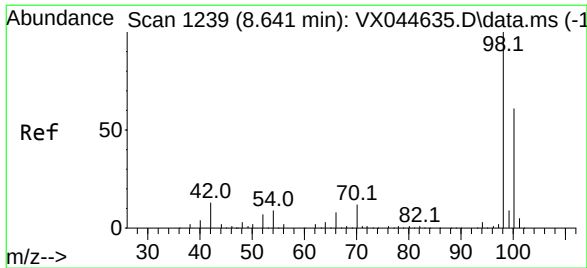
Tgt Ion: 91 Resp: 181120

Ion Ratio Lower Upper

91 100

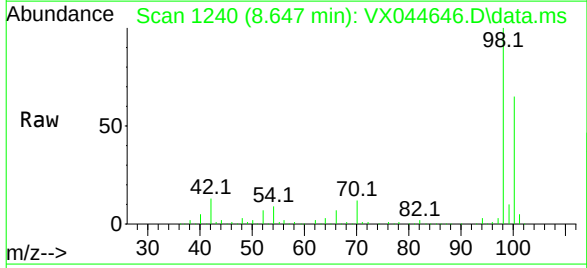
92 56.8 46.4 69.6





#63
Toluene-d8
Concen: 29.747 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

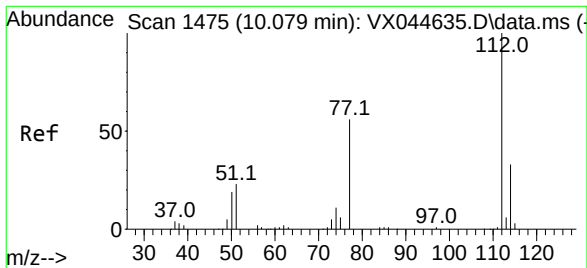
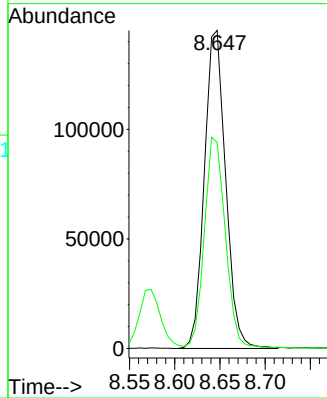
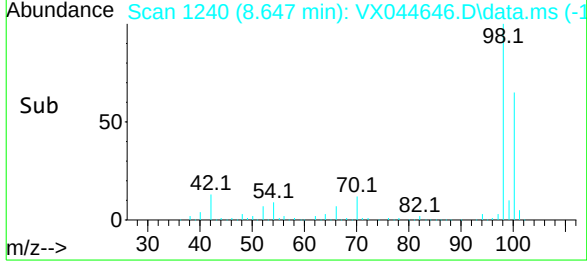
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 237747
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

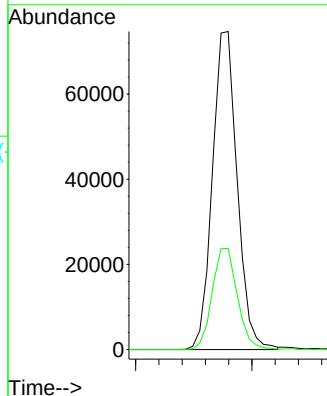
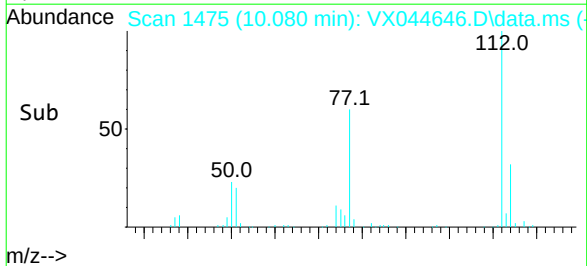
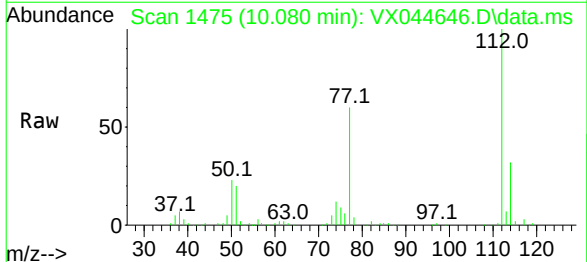
Manual Integrations
APPROVED

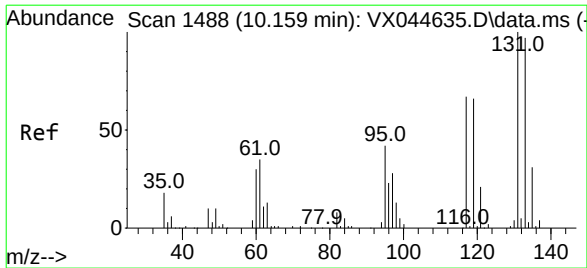
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#64
Chlorobenzene
Concen: 18.954 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

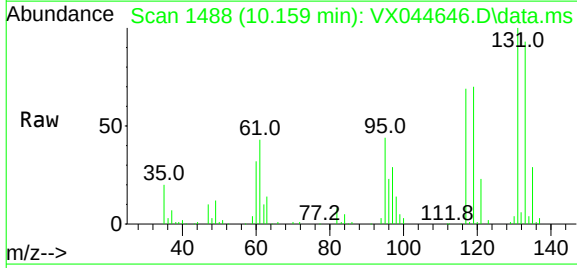
Tgt Ion:112 Resp: 110678
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.151 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

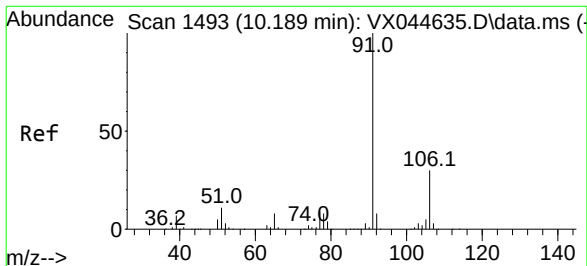
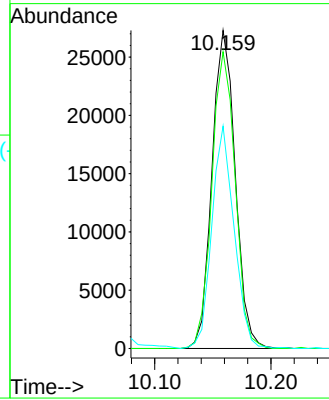
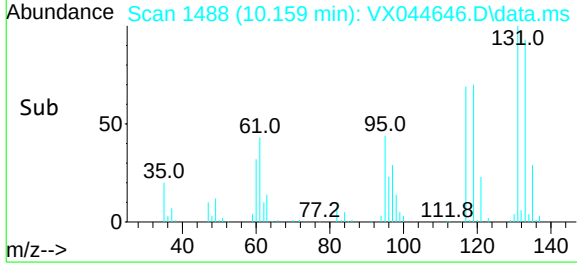
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 131 Resp: 37967
Ion Ratio Lower Upper
131 100
133 93.5 0.0 194.0
119 66.9 0.0 132.0

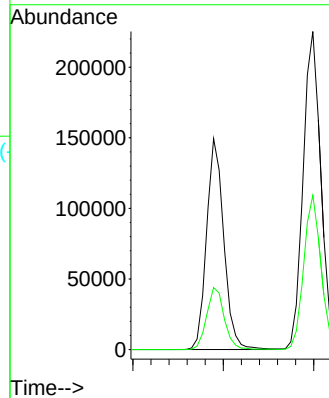
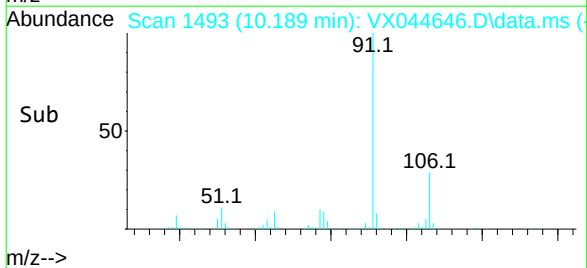
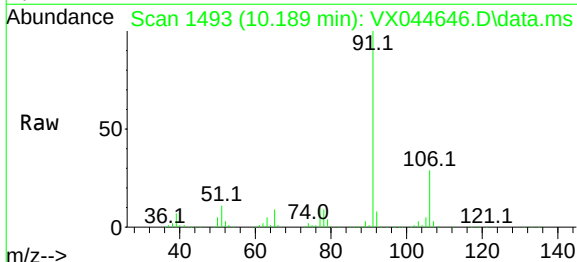
Manual Integrations
APPROVED

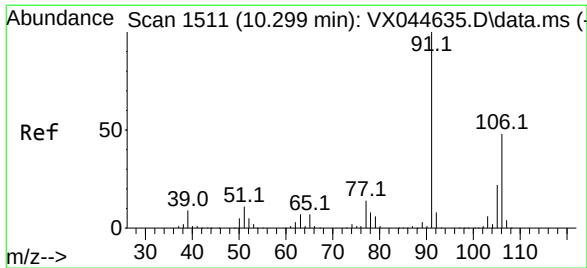
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
Ethyl Benzene
Concen: 19.536 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion: 91 Resp: 197599
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1





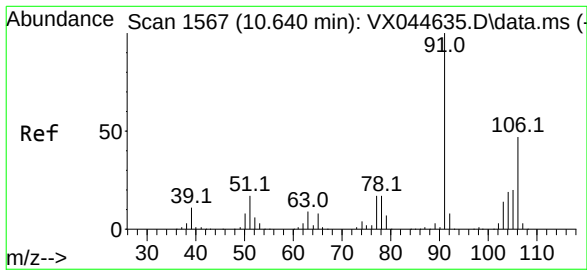
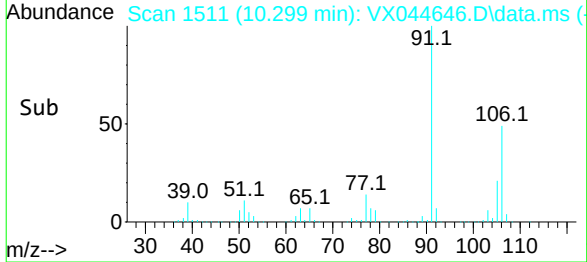
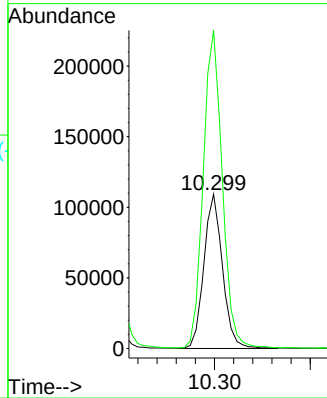
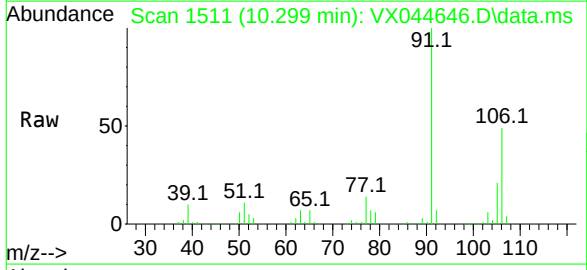
#67
m/p-Xylenes
Concen: 38.792 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 147529
Ion Ratio Lower Upper
106 100
91 210.9 167.9 251.9

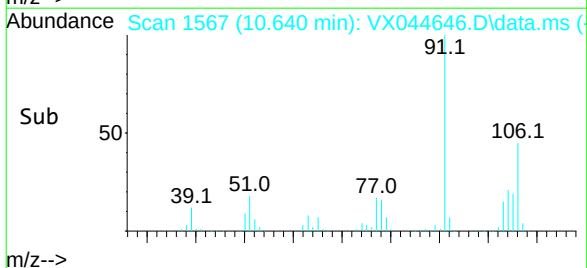
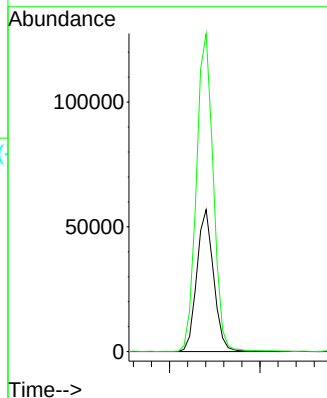
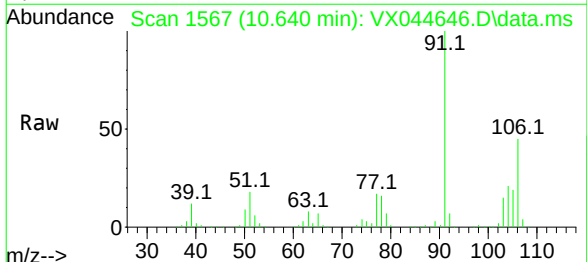
Manual Integrations
APPROVED

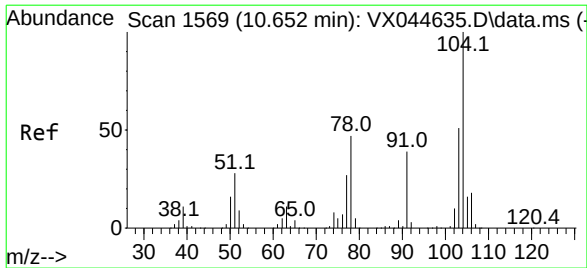
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 19.836 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:106 Resp: 73629
Ion Ratio Lower Upper
106 100
91 223.7 112.3 336.9





#69

Styrene

Concen: 19.375 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

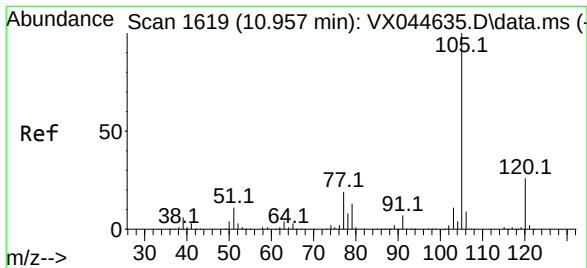
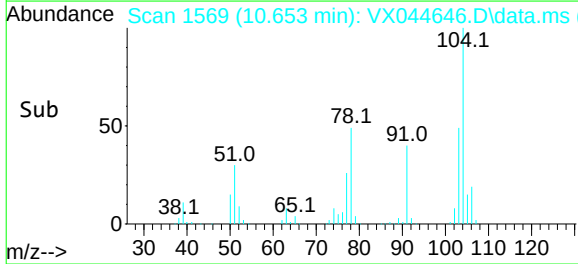
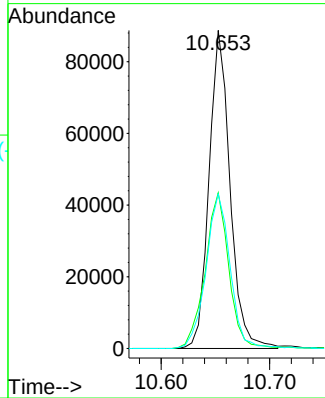
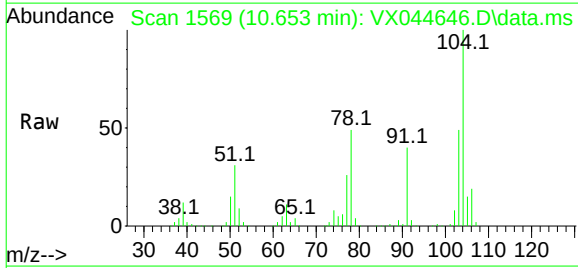
Tgt Ion:104 Resp: 119450
 Ion Ratio Lower Upper
 104 100
 78 55.2 43.7 65.5
 103 55.9 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Isopropylbenzene

Concen: 19.255 ug/l

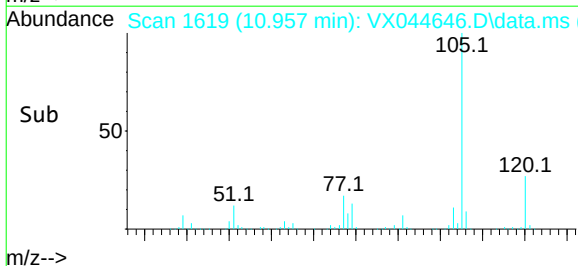
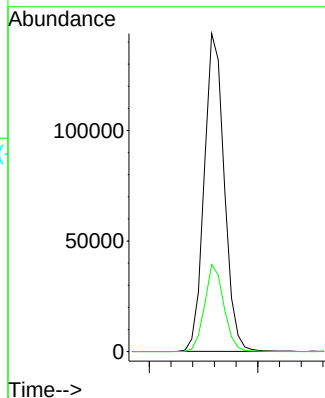
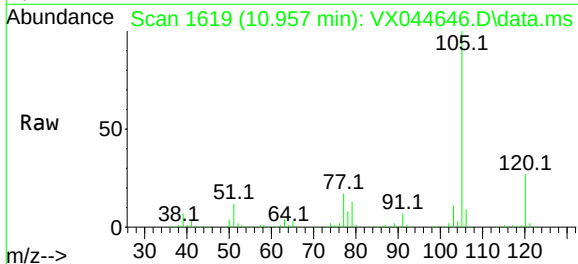
RT: 10.957 min Scan# 1619

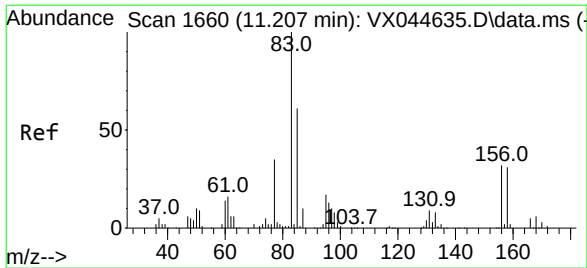
Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

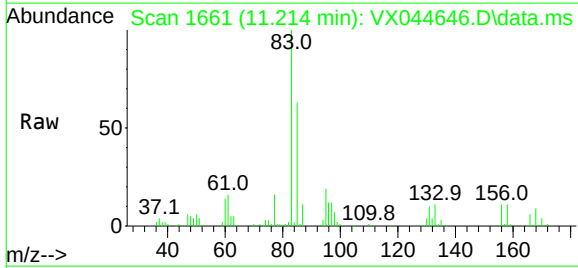
Tgt Ion:105 Resp: 184232
 Ion Ratio Lower Upper
 105 100
 120 26.4 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.440 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

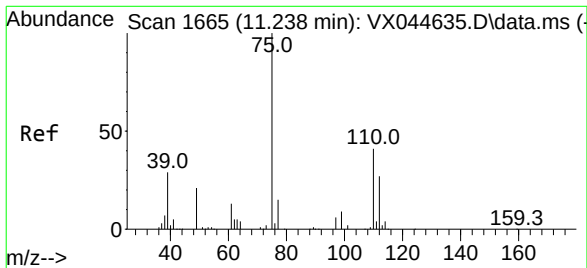
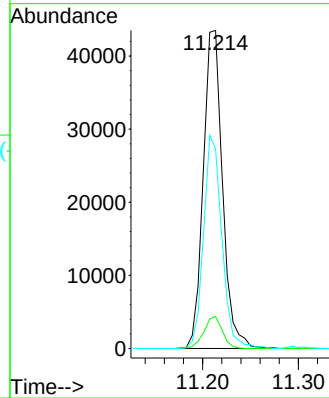
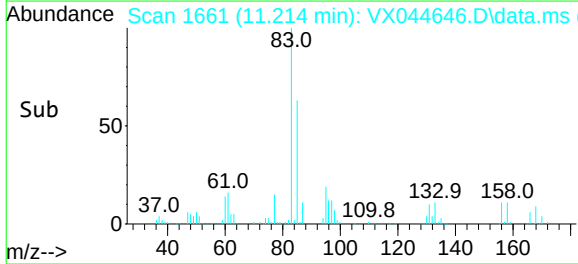
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	83	Resp:	60876
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.3	15.8
85	63.3	32.0	96.0

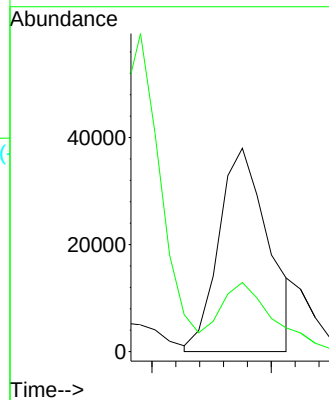
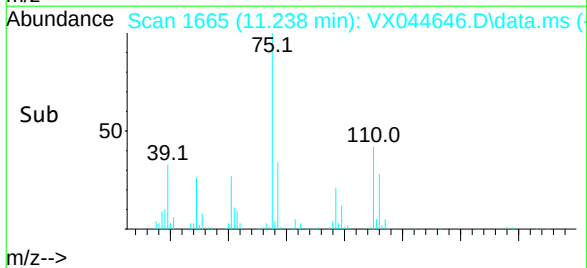
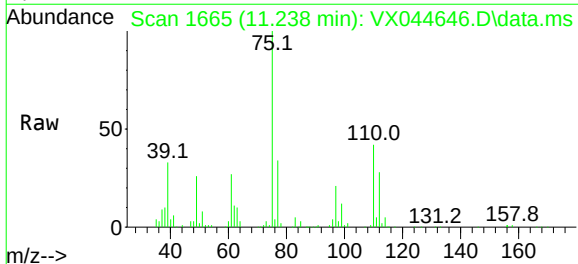
Manual Integrations
APPROVED

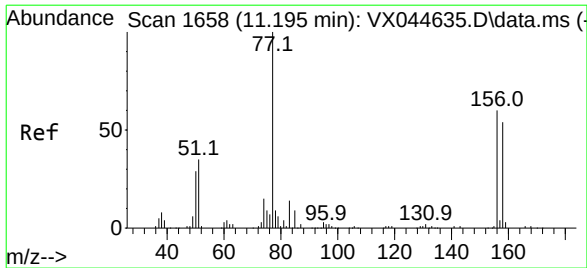
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 21.125 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:	75	Resp:	54881
Ion	Ratio	Lower	Upper
75	100		
77	37.5	0.0	78.0





#73

Bromobenzene

Concen: 19.647 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

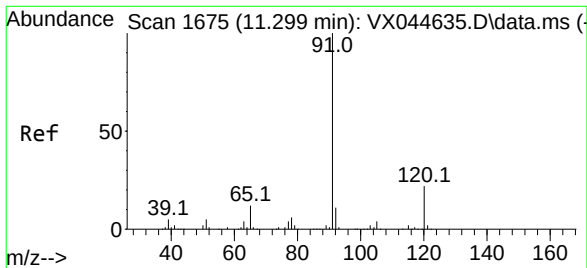
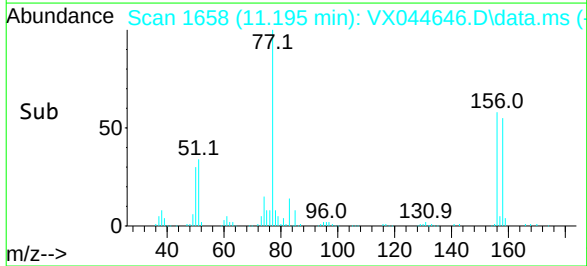
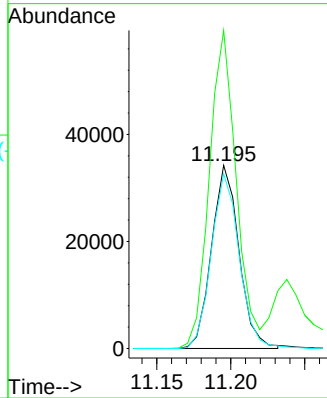
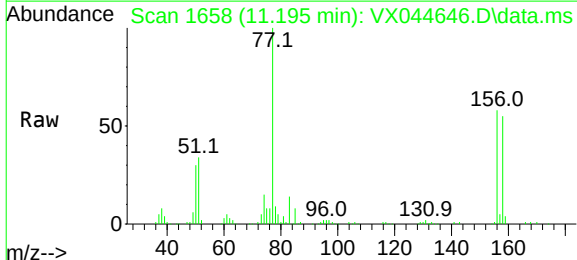
Tgt Ion:	156	Resp:	44189
Ion Ratio	Lower	Upper	
156	100		
77	170.1	0.0	332.6
158	97.1	0.0	187.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

n-propylbenzene

Concen: 19.468 ug/l

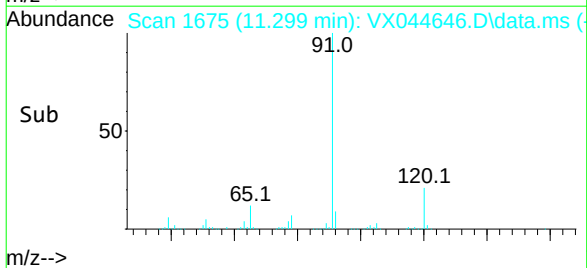
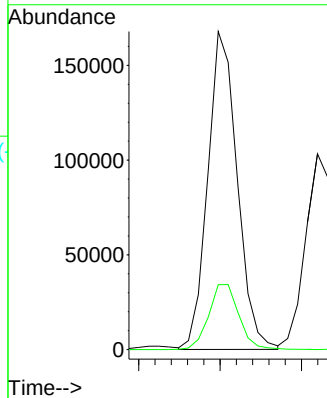
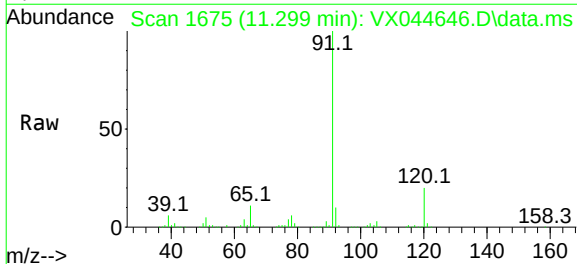
RT: 11.299 min Scan# 1675

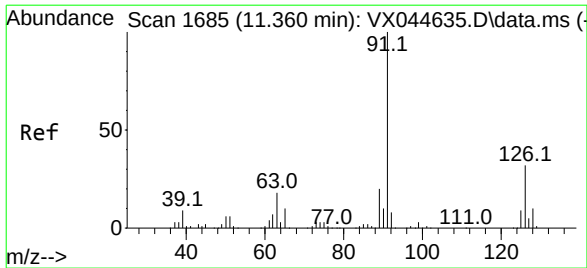
Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion:	91	Resp:	211137
Ion Ratio	Lower	Upper	
91	100		
120	21.1	0.0	45.0





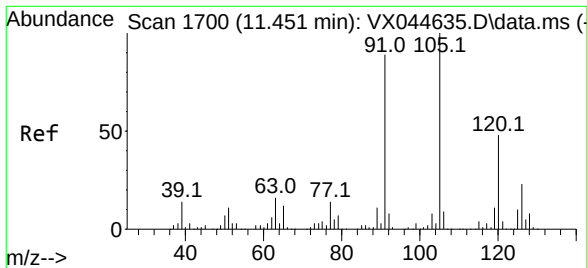
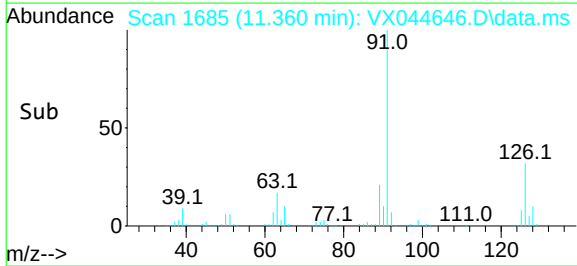
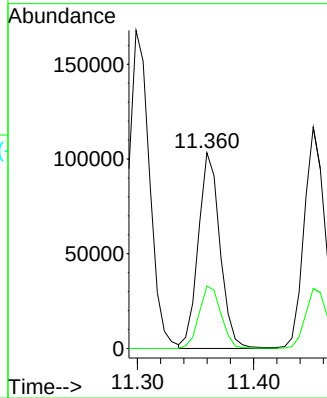
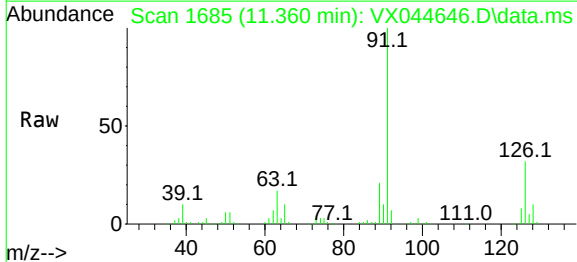
#75
2-Chlorotoluene
Concen: 19.717 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 134397
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.4

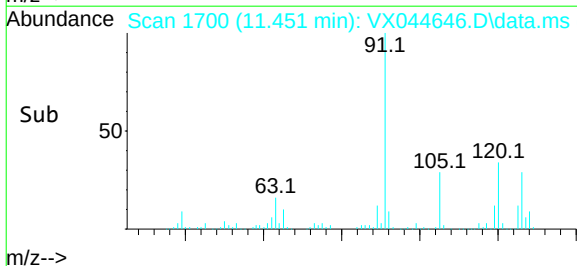
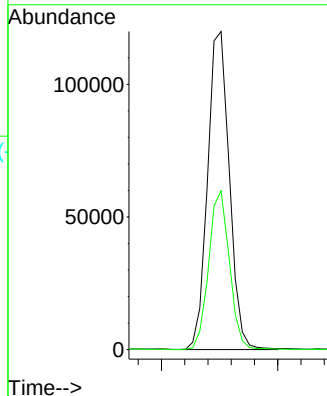
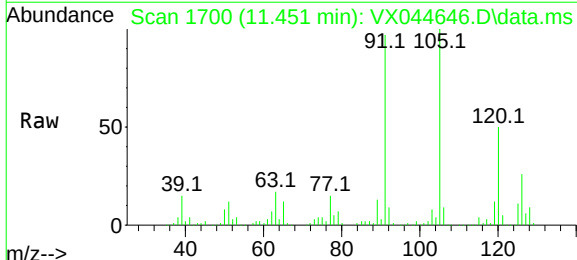
Manual Integrations
APPROVED

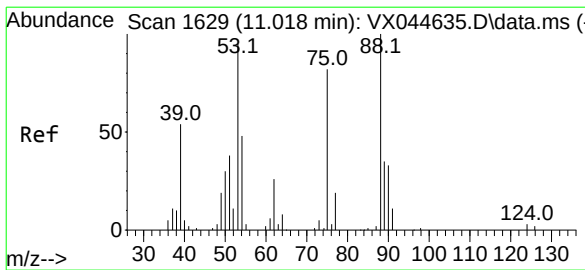
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.632 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:105 Resp: 156157
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0





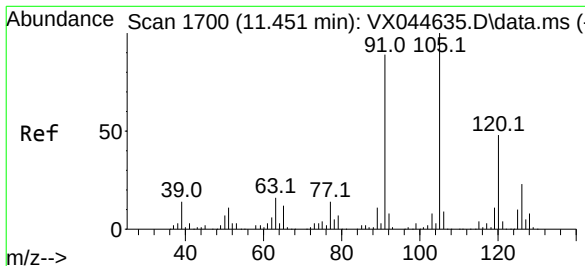
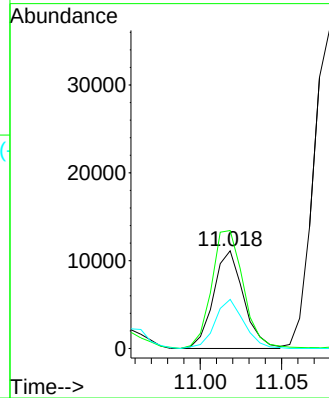
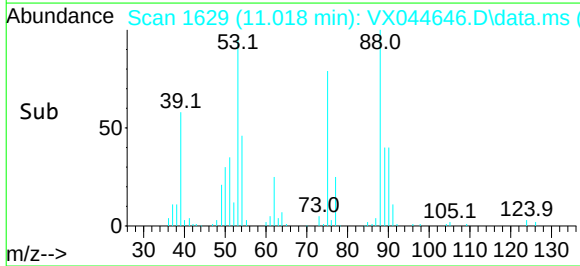
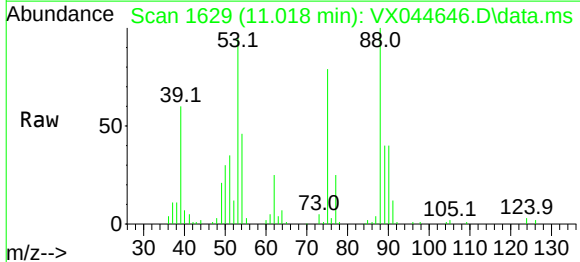
#77
t-1,4-Dichloro-2-butene
Concen: 17.381 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	120.7	57.4	172.2
89	50.2	21.3	64.0

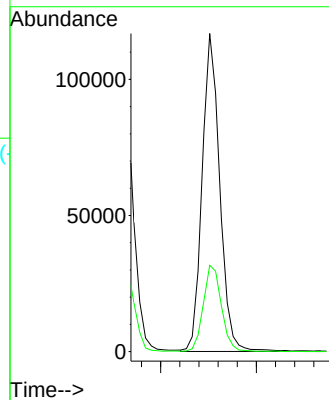
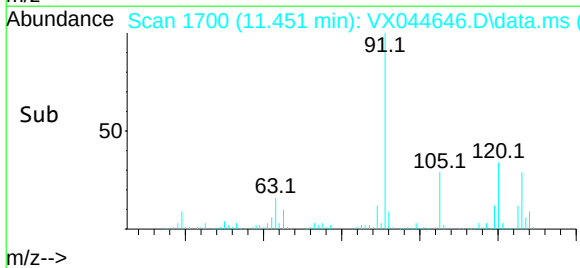
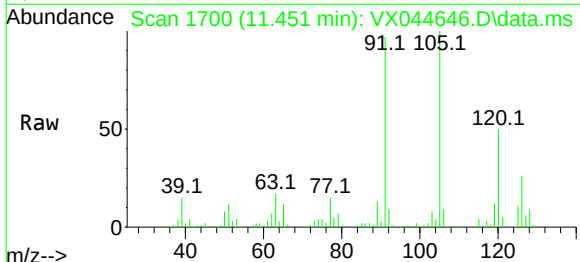
Manual Integrations
APPROVED

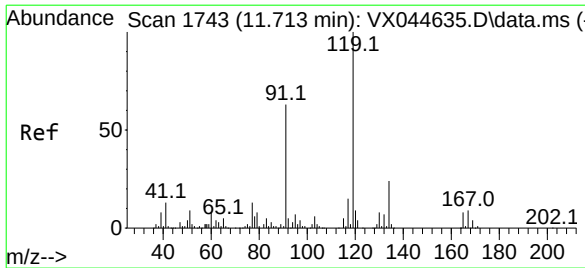
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 19.682 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	0.0	54.8





#79

tert-butylbenzene

Concen: 19.584 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

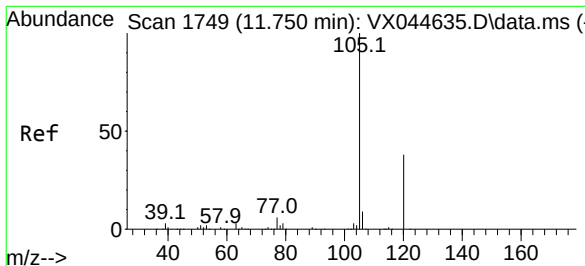
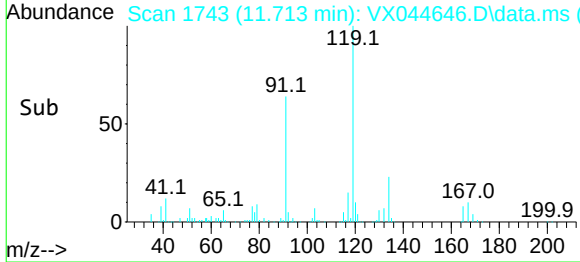
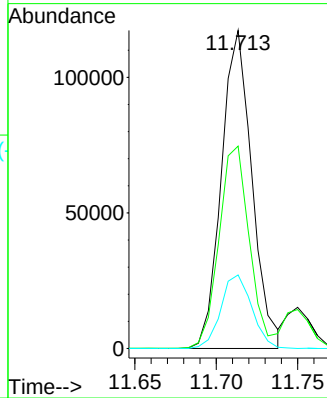
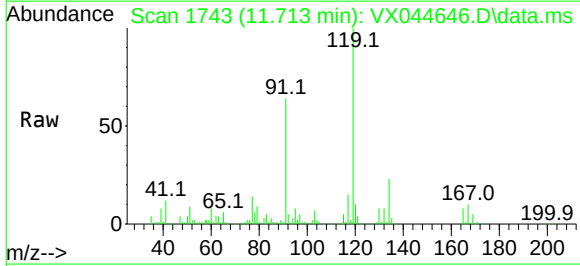
Tgt Ion:	119	Resp:	152973
Ion Ratio	Lower	Upper	
119	100		
91	62.8	0.0	124.2
134	23.5	0.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#80

1,2,4-Trimethylbenzene

Concen: 19.698 ug/l

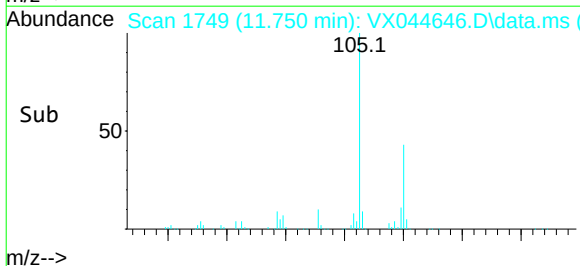
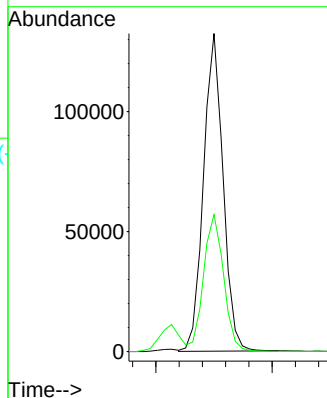
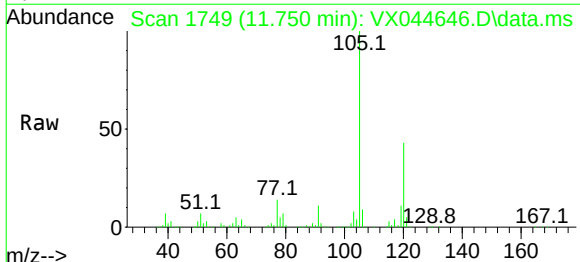
RT: 11.750 min Scan# 1749

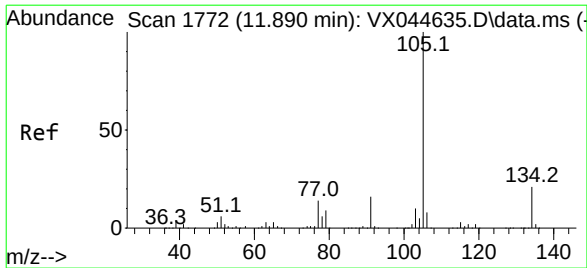
Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

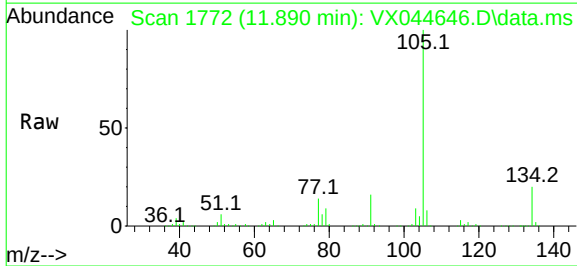
Tgt Ion:	105	Resp:	154410
Ion Ratio	Lower	Upper	
105	100		
120	44.5	0.0	87.2





#81
sec-Butylbenzene
Concen: 19.609 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

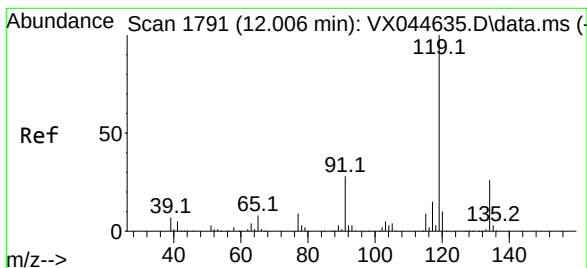
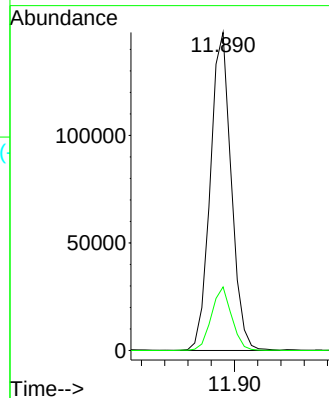
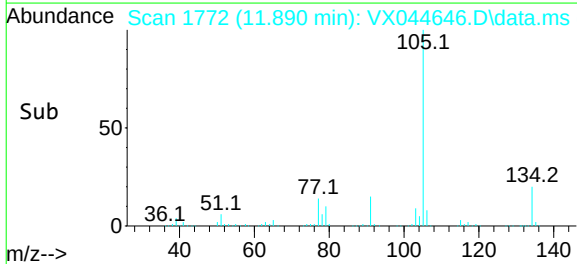
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:105 Resp: 185314
Ion Ratio Lower Upper
105 100
134 19.3 0.0 38.8

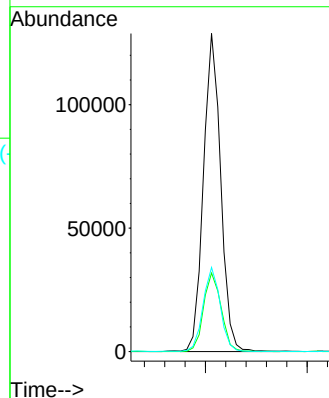
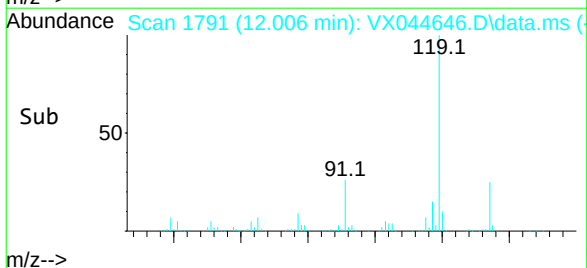
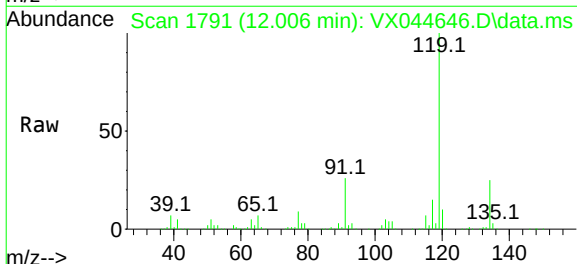
Manual Integrations
APPROVED

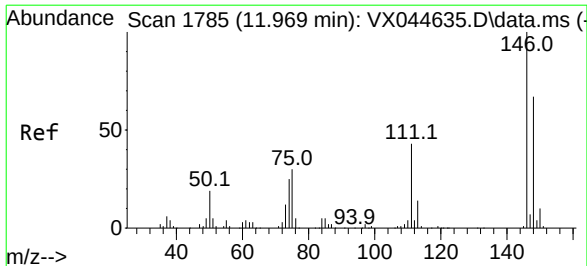
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 19.293 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

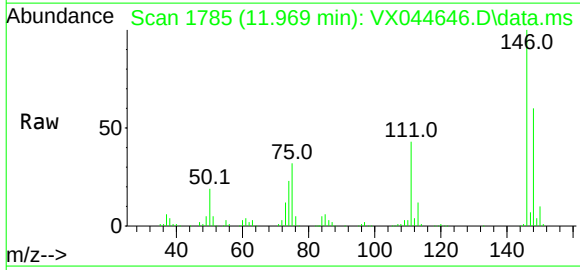
Tgt Ion:119 Resp: 151593
Ion Ratio Lower Upper
119 100
134 25.2 0.0 53.8
91 26.2 0.0 55.2





#83
1,3-Dichlorobenzene
Concen: 19.210 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

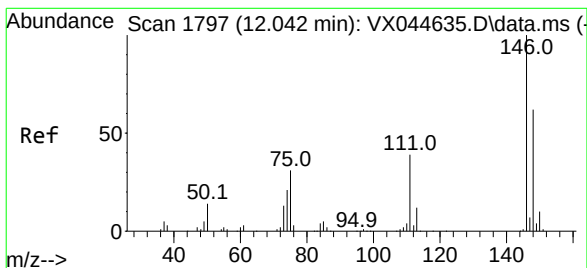
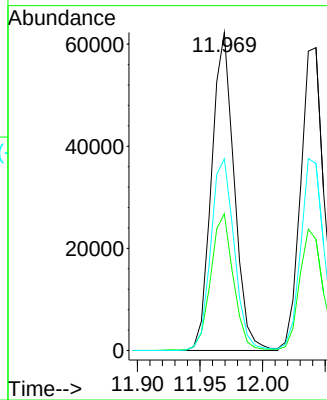
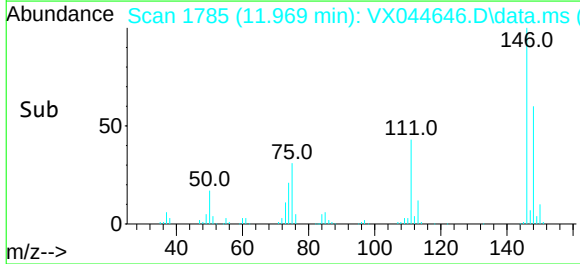
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 78174
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 62.6 32.1 96.5

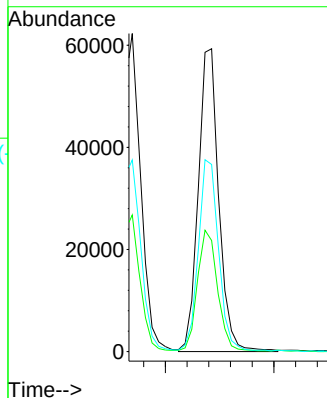
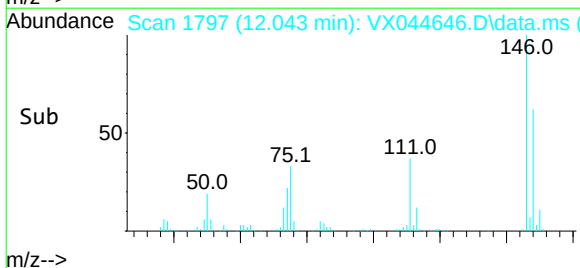
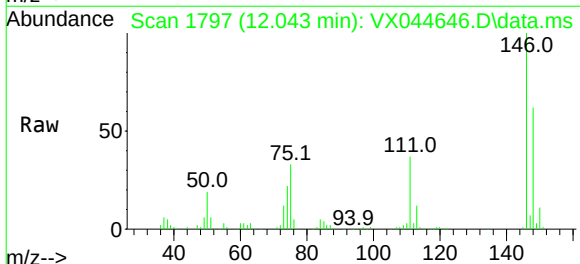
Manual Integrations
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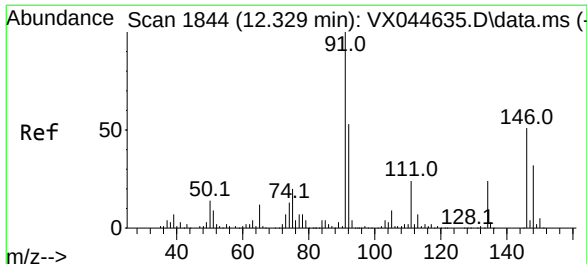
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#84
1,4-Dichlorobenzene
Concen: 19.151 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

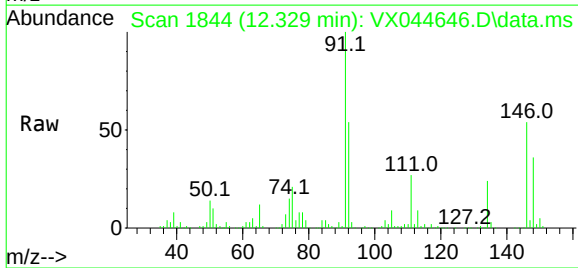
Tgt Ion:146 Resp: 77946
Ion Ratio Lower Upper
146 100
111 39.6 21.1 63.1
148 62.5 32.6 98.0





#85
n-Butylbenzene
Concen: 20.159 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

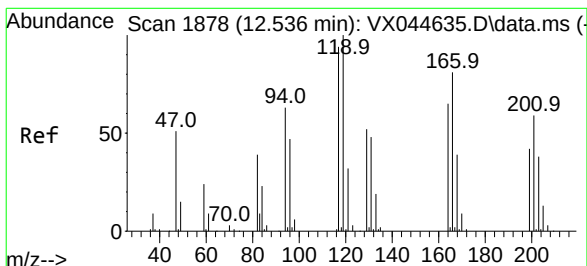
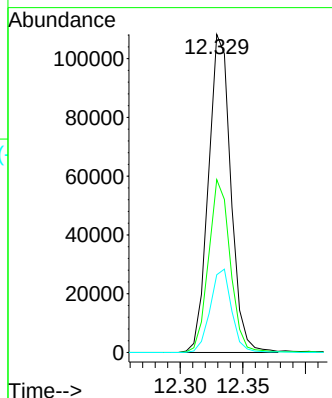
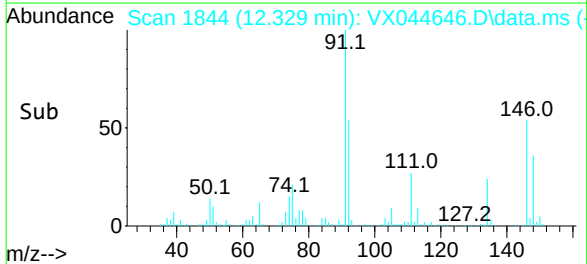
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 134832
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.0
134 25.0 0.0 50.0

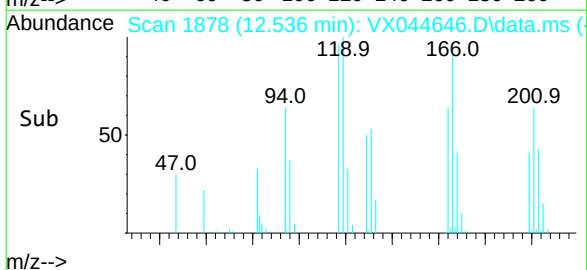
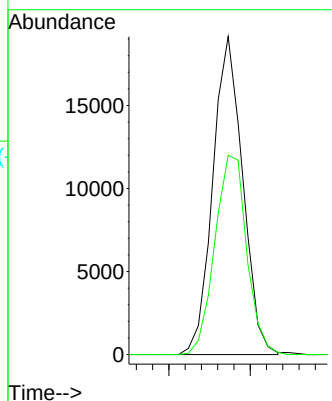
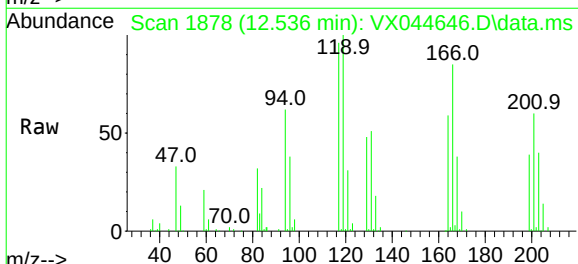
Manual Integrations
APPROVED

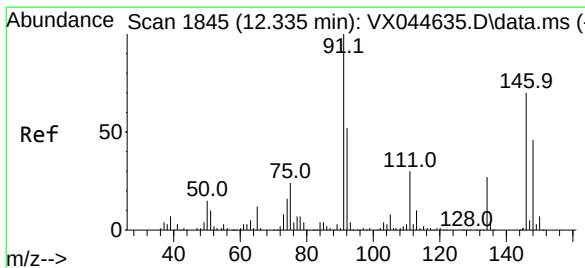
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 19.734 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044646.D
Acq: 09 Jan 2025 05:27

Tgt Ion:117 Resp: 24431
Ion Ratio Lower Upper
117 100
201 66.9 32.8 98.4





#87

1,2-Dichlorobenzene

Concen: 20.845 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044646.D

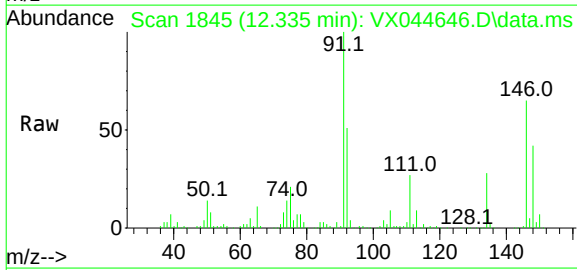
Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 86519

Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.7

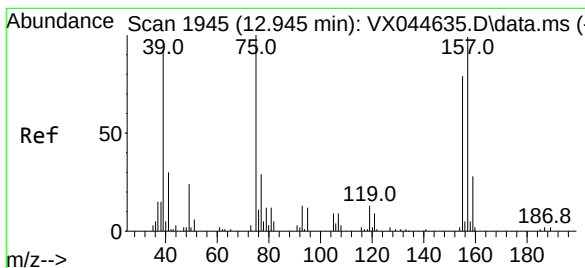
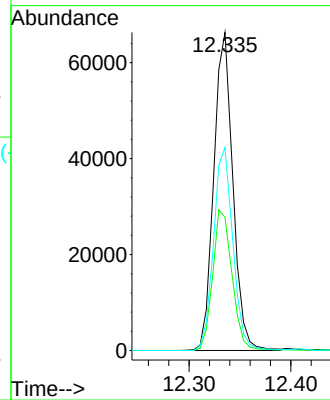
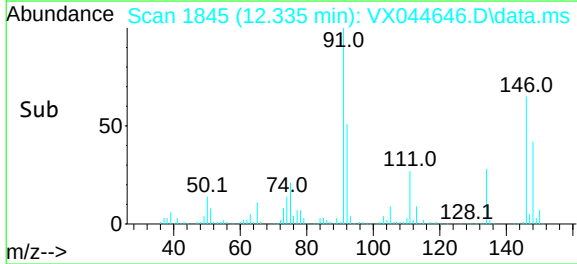
148 64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.029 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

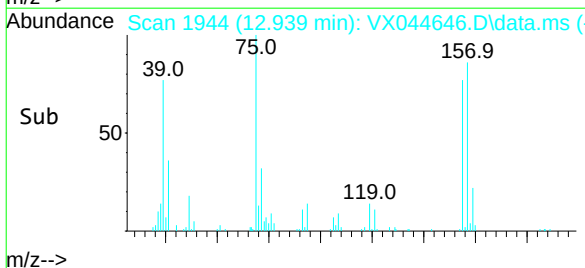
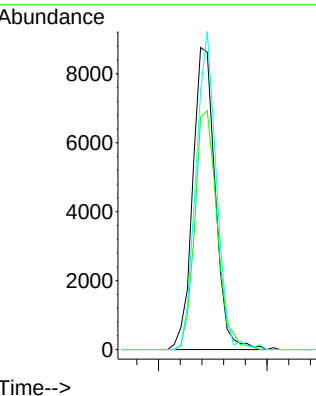
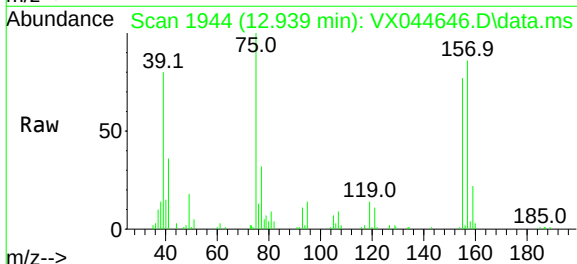
Tgt Ion: 75 Resp: 12623

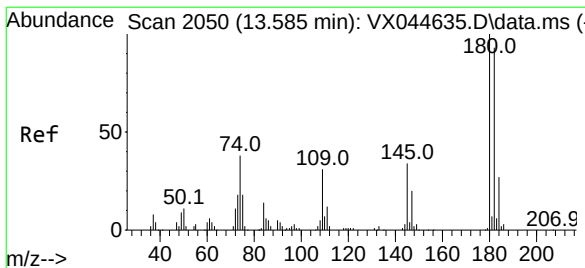
Ion Ratio Lower Upper

75 100

155 78.5 60.6 90.8

157 94.4 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 19.392 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 46194

Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

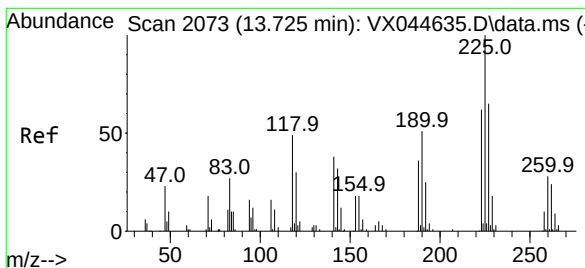
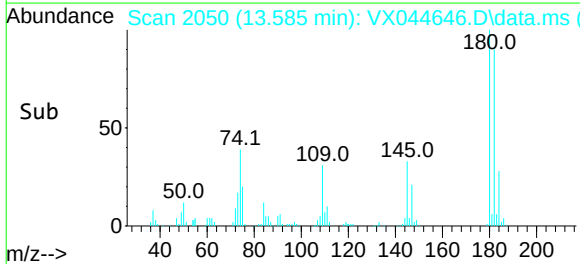
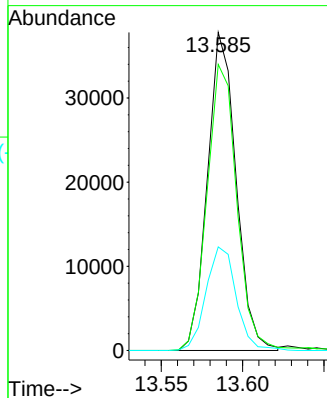
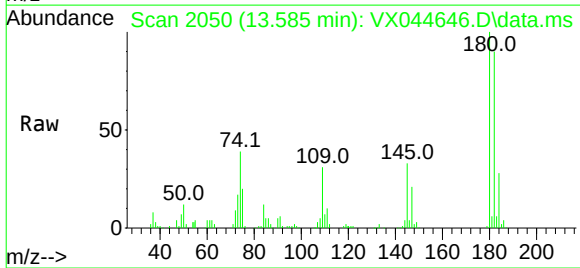
145 34.2 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 20.344 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

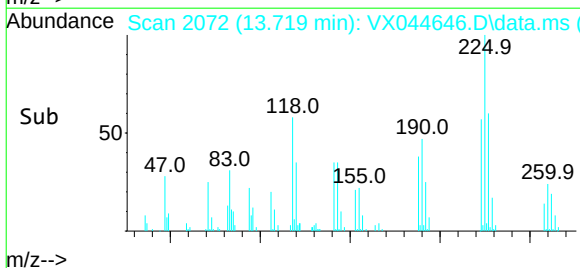
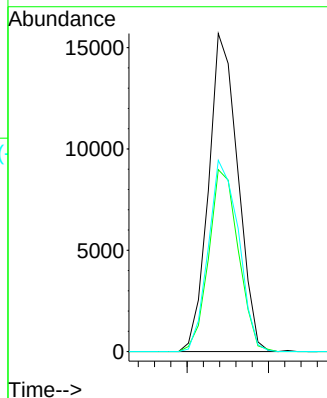
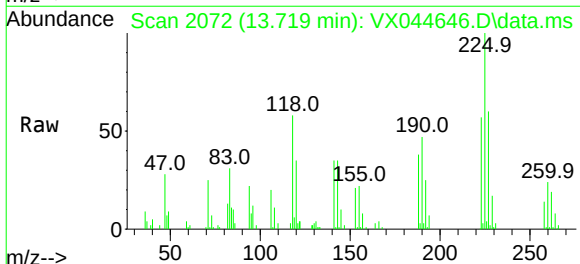
Tgt Ion:225 Resp: 19630

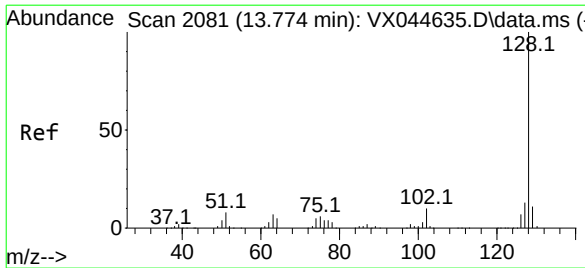
Ion Ratio Lower Upper

225 100

223 57.9 0.0 124.0

227 62.1 0.0 134.6





#91

Naphthalene

Concen: 21.207 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

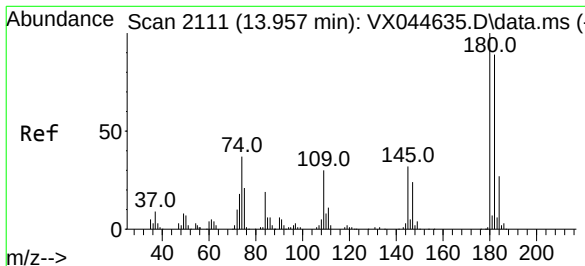
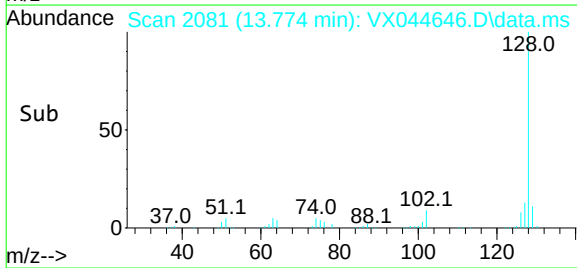
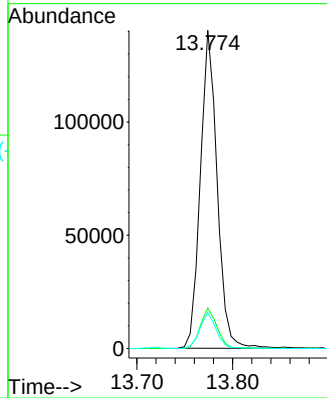
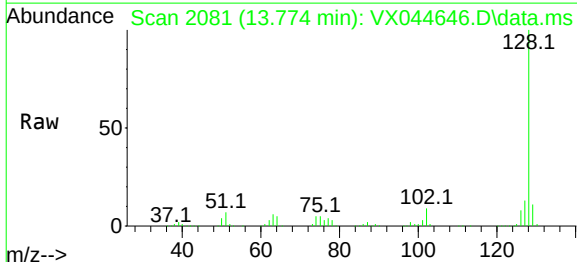
Tgt Ion:	128	Resp:	170977
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#92

1,2,3-Trichlorobenzene

Concen: 20.380 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044646.D

Acq: 09 Jan 2025 05:27

Tgt Ion:	180	Resp:	49880
Ion	Ratio	Lower	Upper
180	100		
182	92.4	0.0	191.2
145	34.2	0.0	67.0

