

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044662.D
 Acq On : 16 Jan 2025 09:49
 Operator :
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 17 01:02:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	26822	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	152295	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	129735	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	78213	30.205	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	11.079	95	76025	30.170	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.567%			
63) Toluene-d8	8.647	98	211985	30.042	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	267360m	124.121	ug/l	
3) Chloromethane	1.294	50	260185	103.718	ug/l	100
4) Vinyl Chloride	1.374	62	264006	107.561	ug/l	97
5) Bromomethane	1.593	94	61090	103.072	ug/l	97
6) Chloroethane	1.660	64	45219	114.088	ug/l	95
7) Trichlorofluoromethane	1.861	101	293373	109.142	ug/l	98
8) Diethyl Ether	2.136	74	108527	104.658	ug/l	99
9) 1,1,2-Trichlorotrifluoro...	2.313	101	216700	112.529	ug/l	98
10) 1,1-Dichloroethene	2.307	96	210933	106.464	ug/l	96
11) Methyl Iodide	2.441	142	283426	103.236	ug/l	98
12) Methyl Acetate	2.703	43	316480	109.420	ug/l	99
13) Acrolein	2.239	56	157728	493.161	ug/l	99
14) Acrylonitrile	3.062	53	551693	523.451	ug/l	100
15) Acetone	2.386	58	149940	530.181	ug/l	94
16) Carbon Disulfide	2.495	76	590082	107.175	ug/l	100
17) Allyl chloride	2.654	41	382410	107.032	ug/l	99
18) Methylene Chloride	2.782	84	228084	102.839	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	206160	104.651	ug/l	97
20) Diisopropyl ether	3.757	45	662597	102.175	ug/l	95
21) 1,1-Dichloroethane	3.599	63	406465	105.660	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	255966	104.980	ug/l	98
23) tert-Butyl Alcohol	3.044	59	253812m	555.091	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	712903	103.853	ug/l	99
25) Chloroform	5.086	83	399572	104.534	ug/l	96
26) Cyclohexane	5.458	56	351156	108.611	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	279081	105.354	ug/l	99
30) 2-Butanone	4.556	43	740025	508.557	ug/l	100
31) 2,2-Dichloropropane	4.465	77	376371	102.674	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	359473	102.399	ug/l	99
33) Carbon Tetrachloride	5.666	117	306978	103.662	ug/l	97
34) Benzene	6.025	78	853368	100.973	ug/l	99
35) Methacrylonitrile	4.916	41	168983	103.905	ug/l	98
36) 1,2-Dichloroethane	6.080	62	308254	102.014	ug/l	100
37) Trichloroethene	7.117	130	215237	105.483	ug/l	95
38) Methylcyclohexane	7.373	83	393920	109.448	ug/l	99
39) 1,2-Dichloropropane	7.421	63	214812	101.928	ug/l	98
40) Dibromomethane	7.574	93	159130	101.563	ug/l	99
41) Bromodichloromethane	7.818	83	324068	100.170	ug/l	98
42) Vinyl Acetate	3.715	43	2899515	501.741	ug/l	100

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 ClientSampleId :
 VSTDICC100

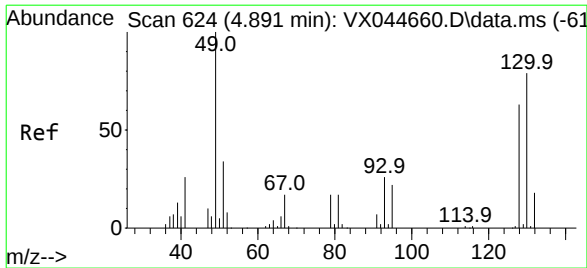
Quant Time: Jan 17 01:02:40 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	301278	105.547	ug/l	# 94
44) Isopropyl Acetate	6.336	43	524207	102.223	ug/l	99
45) 1,4-Dioxane	7.671	88	95678	1959.377	ug/l	96
46) Methyl methacrylate	7.690	41	254259	101.293	ug/l	99
47) n-amyl Acetate	10.842	43	426497	99.102	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	347499	101.765	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	370879	101.289	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	198320	98.117	ug/l	99
51) Ethyl methacrylate	9.116	69	349309	99.647	ug/l	98
52) 1,3-Dichloropropane	9.305	76	345352	98.954	ug/l	99
53) Dibromochloromethane	9.519	129	237742	98.596	ug/l	98
54) 1,2-Dibromoethane	9.604	107	210275	98.575	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	784090	461.586	ug/l	100
56) Bromoform	10.799	173	157528	98.522	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	1379048	504.291	ug/l	99
59) 2-Hexanone	9.433	43	1016466	507.718	ug/l	99
61) Tetrachloroethene	9.269	164	167502	107.635	ug/l	98
62) Toluene	8.714	91	874711	102.394	ug/l	99
64) Chlorobenzene	10.073	112	543310	102.407	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	193974	101.781	ug/l	100
66) Ethyl Benzene	10.189	91	963283	103.326	ug/l	98
67) m/p-Xylenes	10.299	106	698697	203.888	ug/l	99
68) o-Xylene	10.640	106	346159	100.645	ug/l	100
69) Styrene	10.653	104	571513	101.207	ug/l	99
70) Isopropylbenzene	10.957	105	882679	102.087	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	290188	99.668	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	248182m	101.490	ug/l	
73) Bromobenzene	11.195	156	203263	100.912	ug/l	98
74) n-propylbenzene	11.305	91	1025231	104.320	ug/l	100
75) 2-Chlorotoluene	11.360	91	621611	100.627	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	709035	100.977	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	120113	103.824	ug/l	98
78) 4-Chlorotoluene	11.451	91	692856	101.840	ug/l	99
79) tert-butylbenzene	11.713	119	724166	100.390	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	717847	101.327	ug/l	99
81) sec-Butylbenzene	11.890	105	885682	102.823	ug/l	100
82) p-Isopropyltoluene	12.006	119	730972	103.112	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	371118	103.731	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	363763	103.715	ug/l	99
85) n-Butylbenzene	12.329	91	664449	108.125	ug/l	99
86) Hexachloroethane	12.536	117	158825	101.842	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	361432	101.166	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	70386	100.538	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	243086	109.487	ug/l	99
90) Hexachlorobutadiene	13.725	225	89590	104.321	ug/l	96
91) Naphthalene	13.774	128	872913	105.089	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	239785	106.185	ug/l	99

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



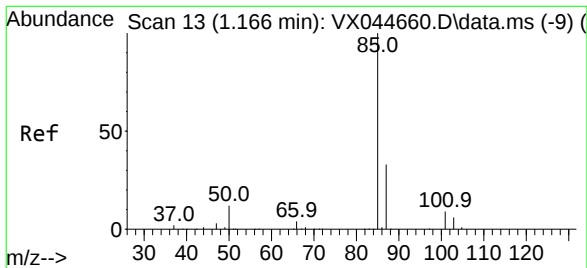
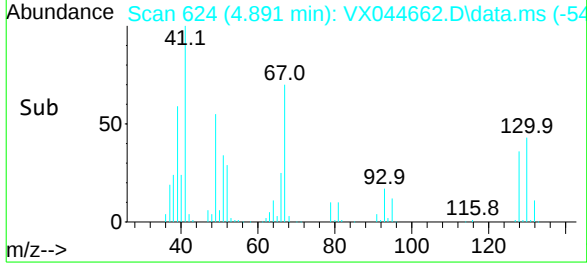
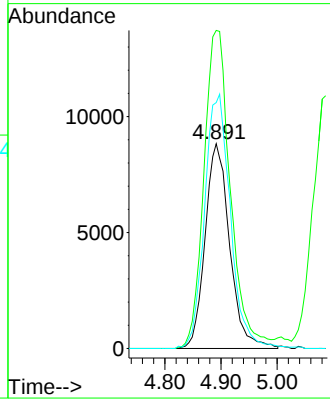
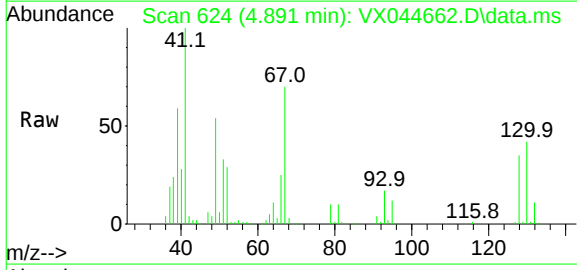
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 26822
Ion Ratio Lower Upper
128 100
49 167.6 0.0 411.5
130 131.0 0.0 324.3

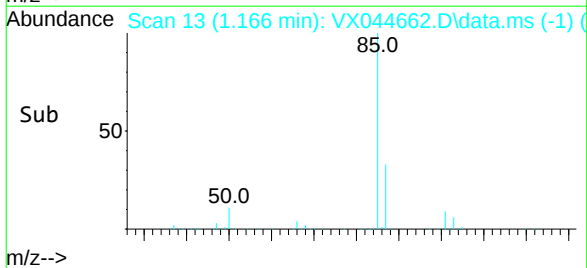
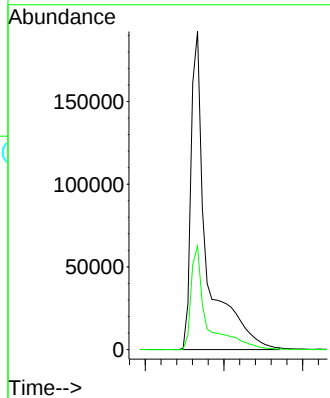
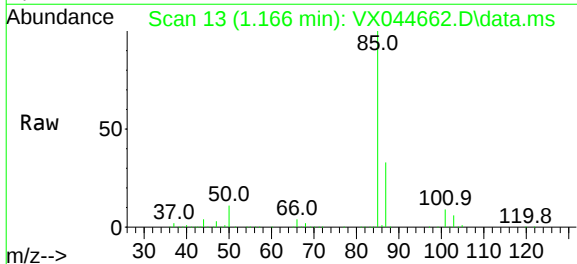
Manual Integrations
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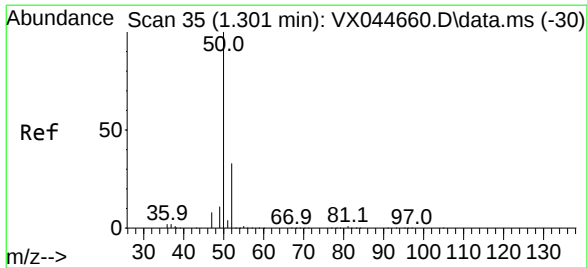
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#2
Dichlorodifluoromethane
Concen: 124.121 ug/l m
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 85 Resp: 267360
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





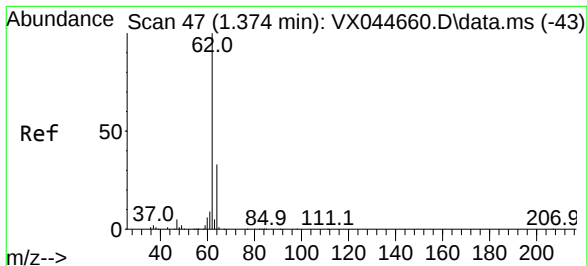
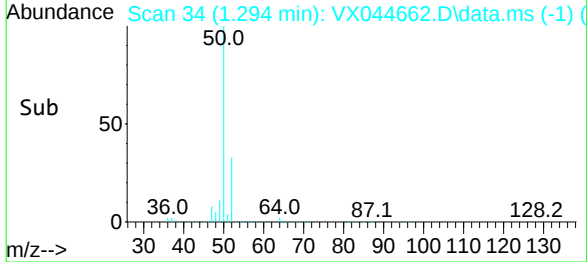
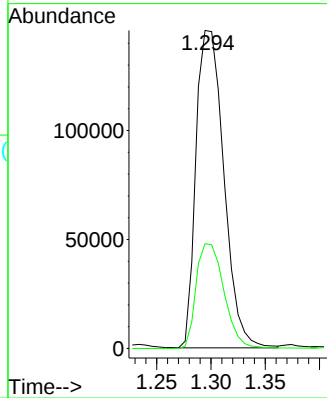
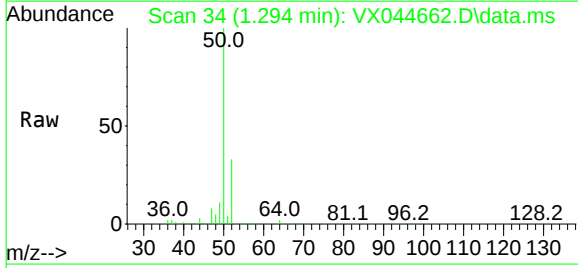
#3
Chloromethane
Concen: 103.718 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 260185
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

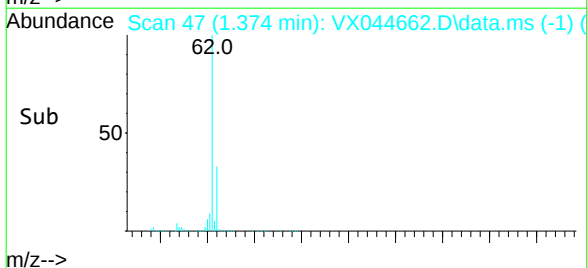
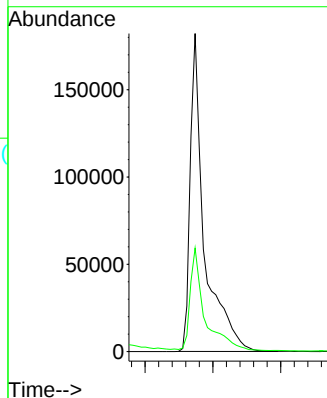
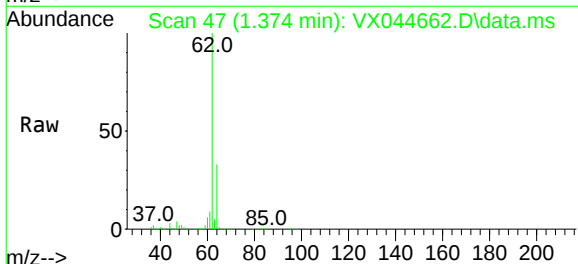
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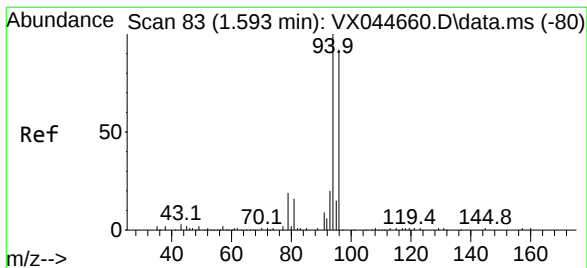
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#4
Vinyl Chloride
Concen: 107.561 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

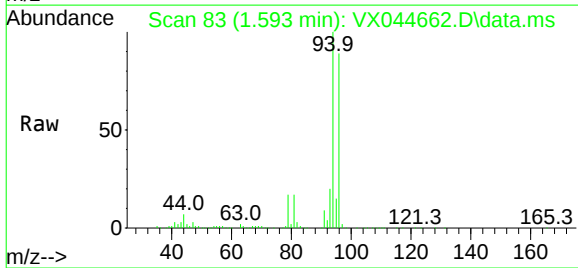
Tgt Ion: 62 Resp: 264006
Ion Ratio Lower Upper
62 100
64 32.2 27.3 40.9





#5
Bromomethane
Concen: 103.072 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

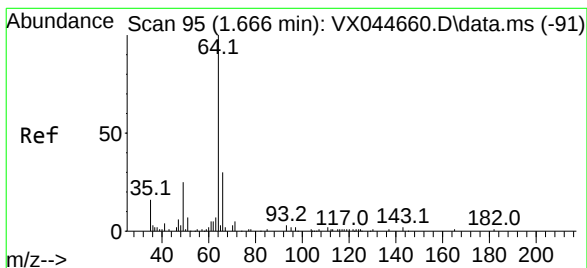
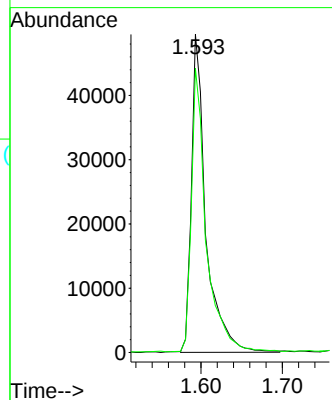
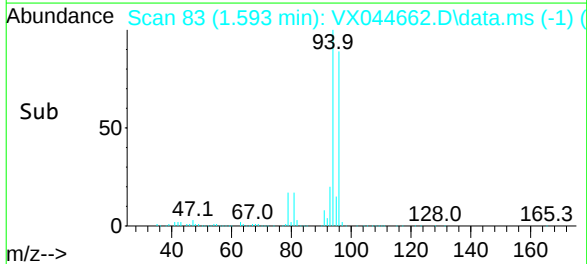
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 61096
Ion Ratio Lower Upper
94 100
96 89.2 73.3 109.9

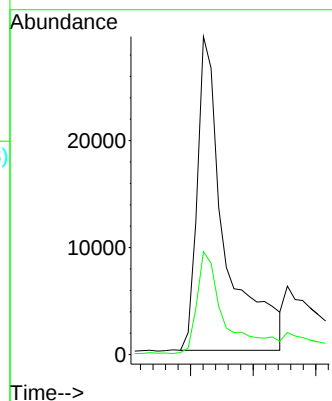
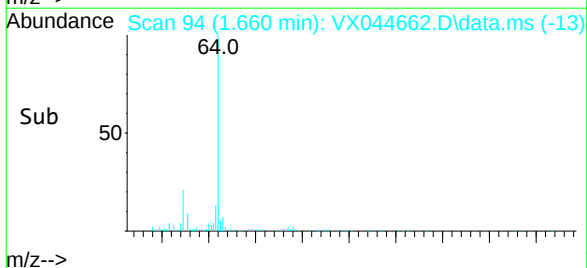
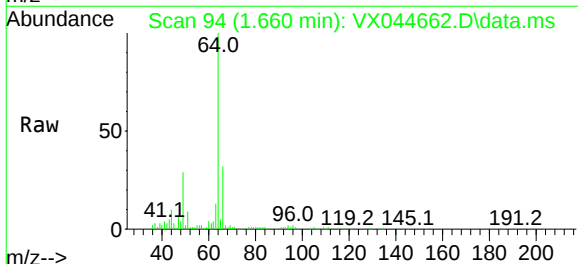
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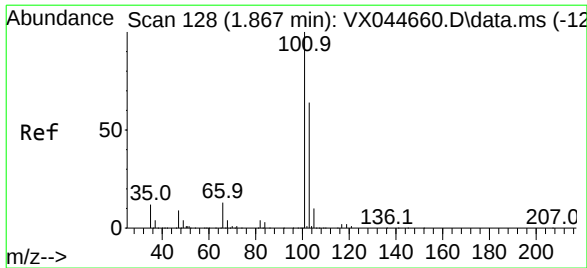
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#6
Chloroethane
Concen: 114.088 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

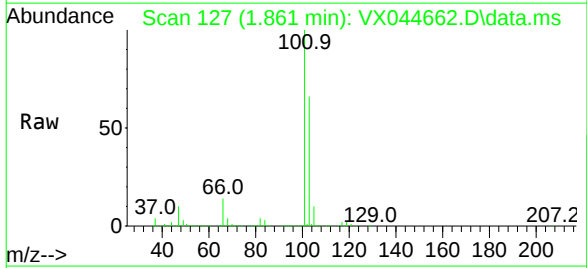
Tgt Ion: 64 Resp: 45219
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6





#7
Trichlorofluoromethane
Concen: 109.142 ug/l
RT: 1.861 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

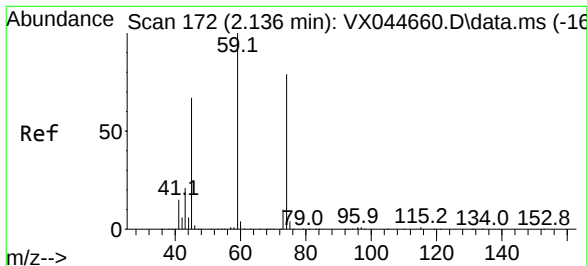
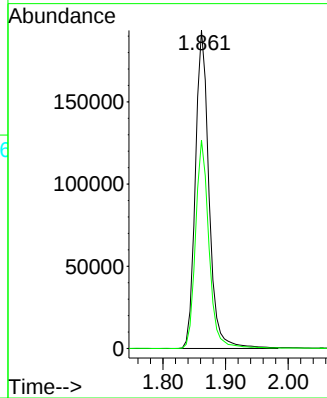
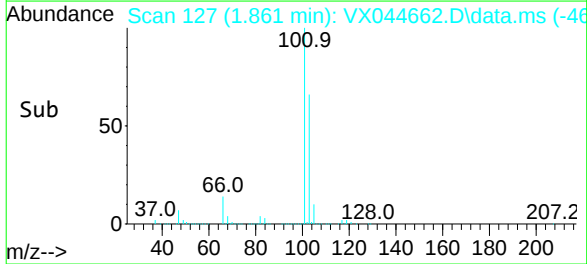
Instrument :
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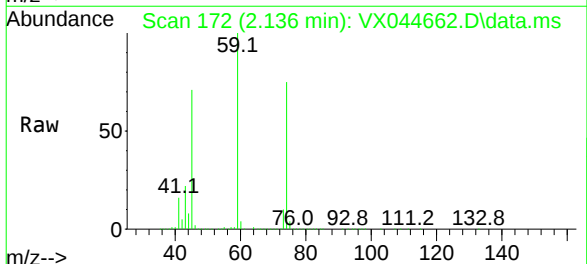
Tgt Ion:101 Resp: 293373
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

Manual Integrations
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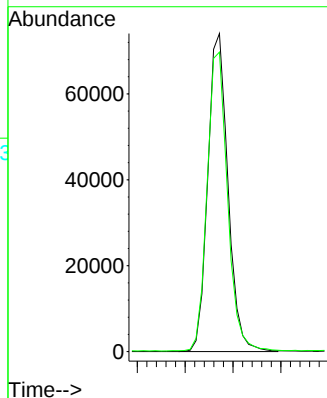
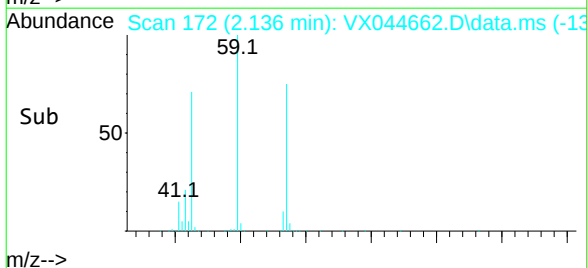
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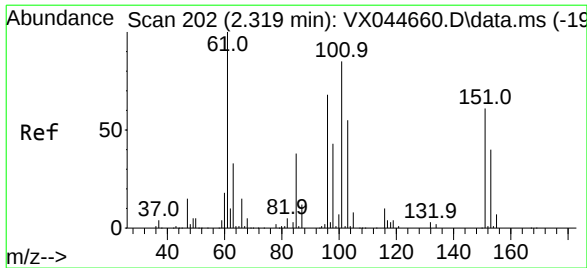


#8
Diethyl Ether
Concen: 104.658 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49



Tgt Ion: 74 Resp: 108527
Ion Ratio Lower Upper
74 100
45 94.8 18.8 168.8





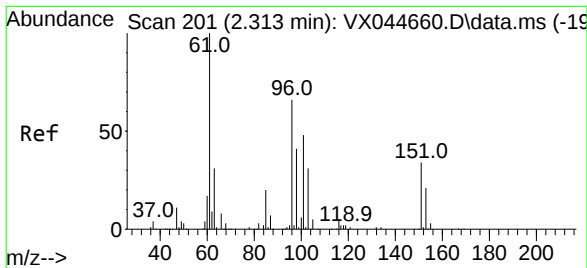
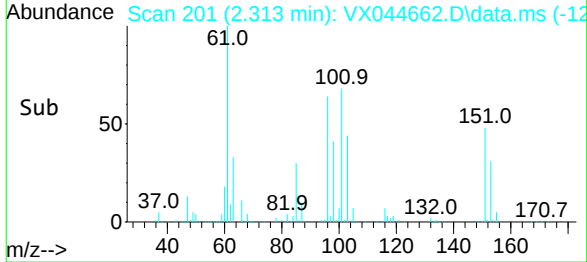
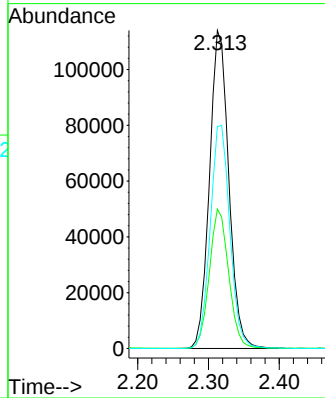
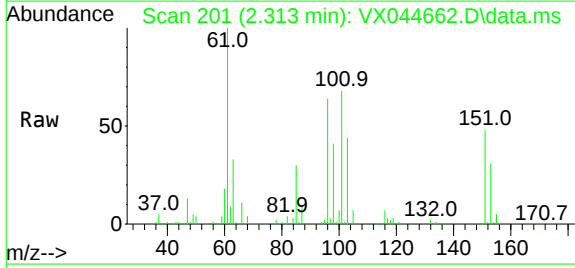
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1,1,2-Trichlorotrifluoroethane
Concen: 112.529 ug/l
RT: 2.313 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 216700
Ion Ratio Lower Upper
101 100
85 43.8 0.0 88.0
151 71.5 0.0 147.0

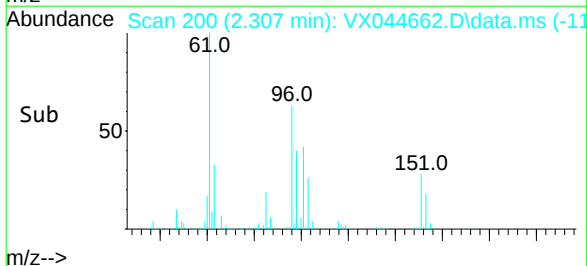
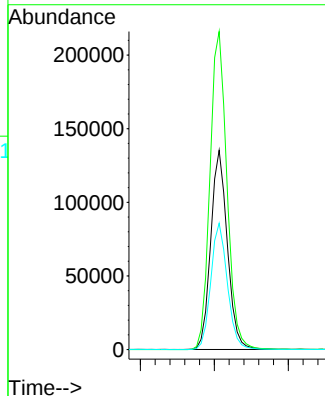
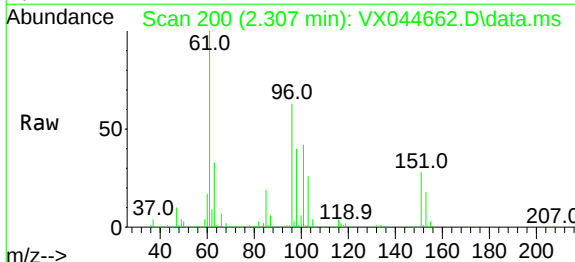
Manual Integrations
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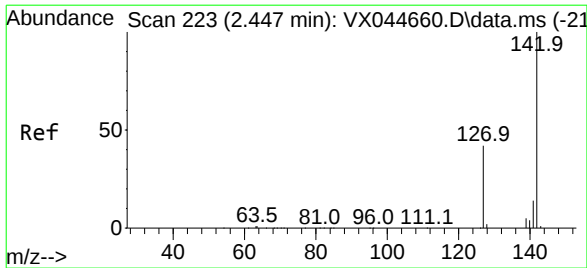
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 106.464 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

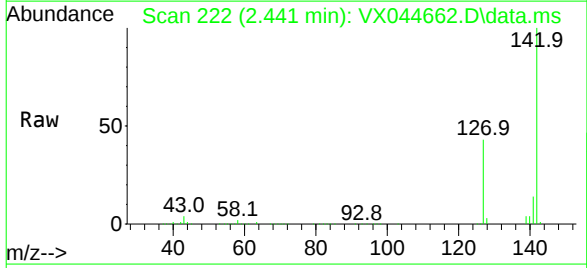
Tgt Ion: 96 Resp: 210933
Ion Ratio Lower Upper
96 100
61 159.7 121.6 182.4
98 63.4 50.3 75.5





#11
Methyl Iodide
Concen: 103.236 ug/l
RT: 2.441 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

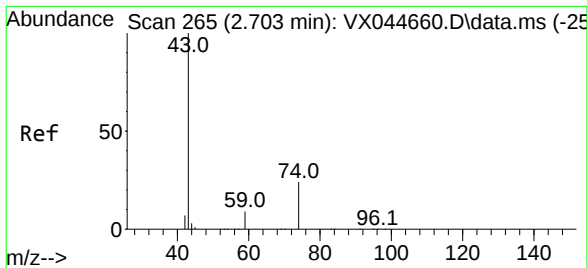
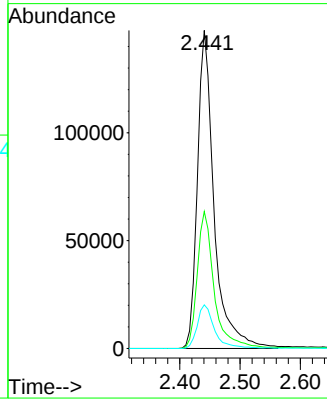
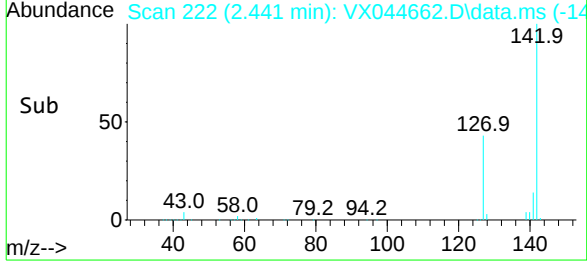
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 283426
Ion Ratio Lower Upper
142 100
127 43.0 20.8 62.4
141 13.7 7.0 20.9

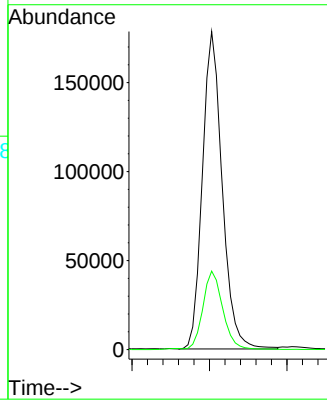
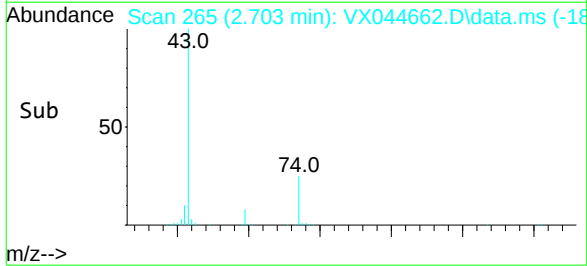
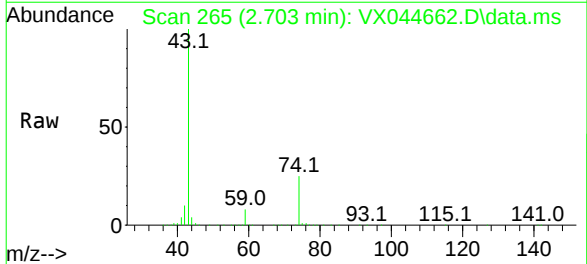
Manual Integrations
APPROVED

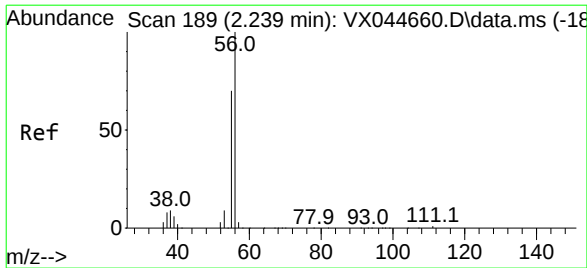
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 109.420 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 316480
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#13

Acrolein

Concen: 493.161 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 157728

Ion Ratio Lower Upper

56 100

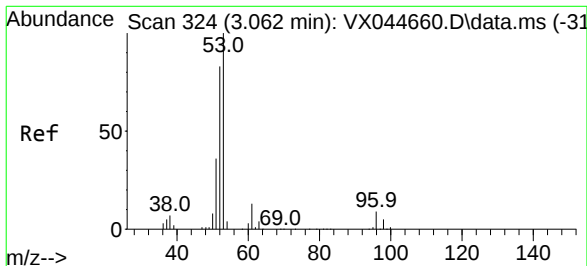
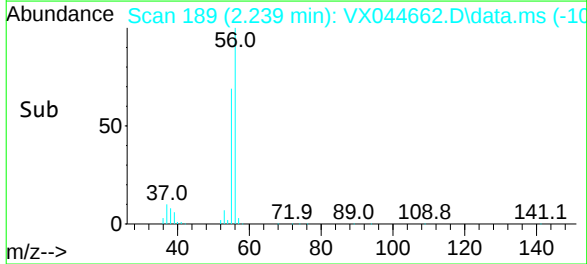
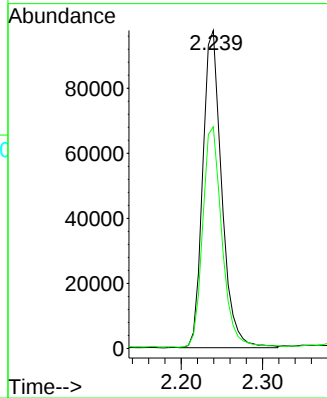
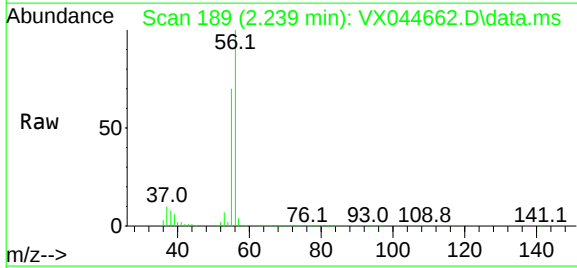
55 70.7 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#14

Acrylonitrile

Concen: 523.451 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

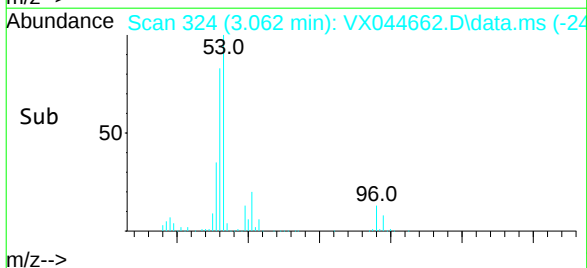
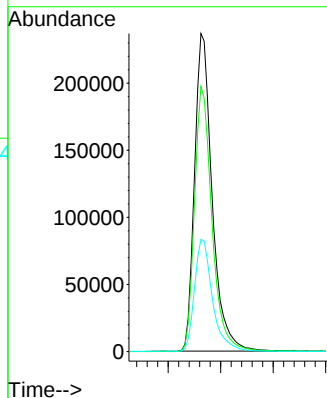
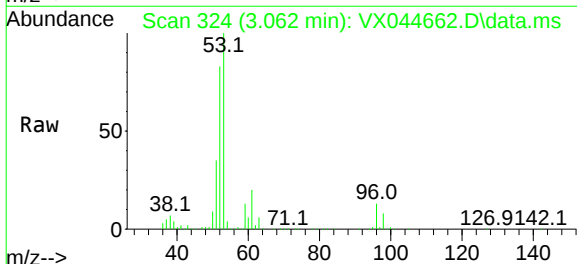
Tgt Ion: 53 Resp: 551693

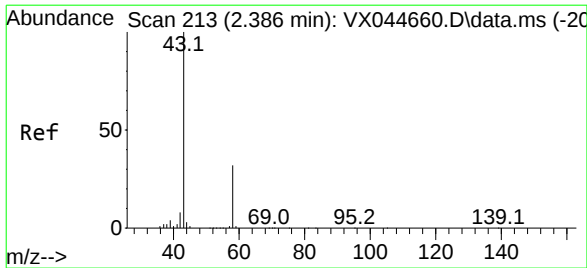
Ion Ratio Lower Upper

53 100

52 82.7 41.4 124.2

51 35.9 18.1 54.4





#15

Acetone

Concen: 530.181 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 149940

Ion Ratio Lower Upper

58 100

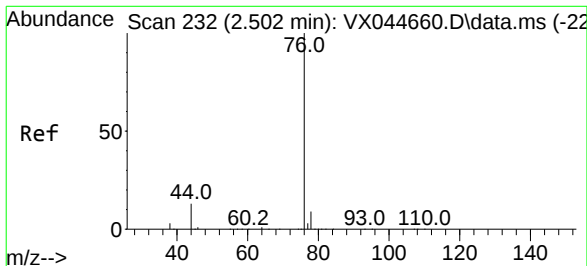
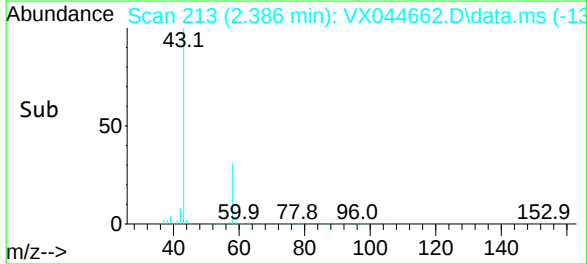
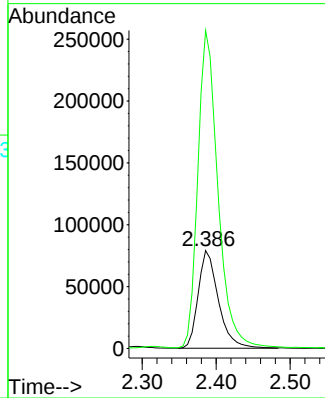
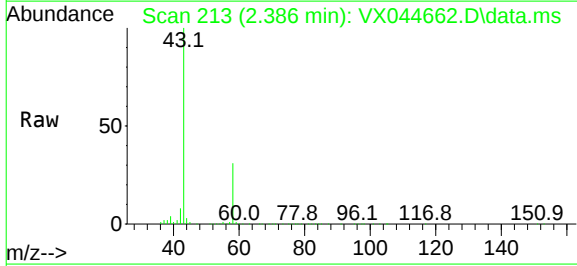
43 325.0 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#16

Carbon Disulfide

Concen: 107.175 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX044662.D

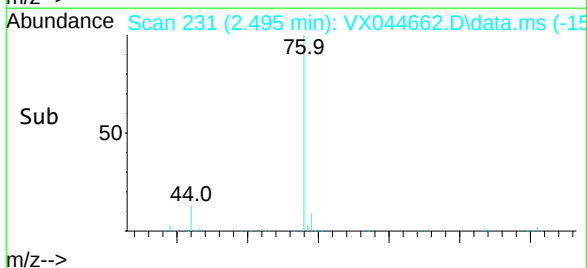
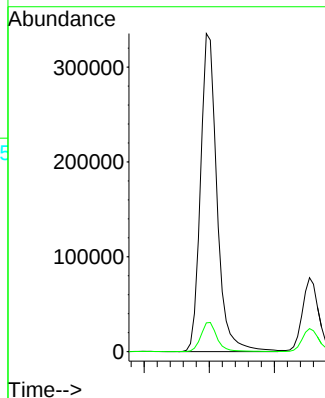
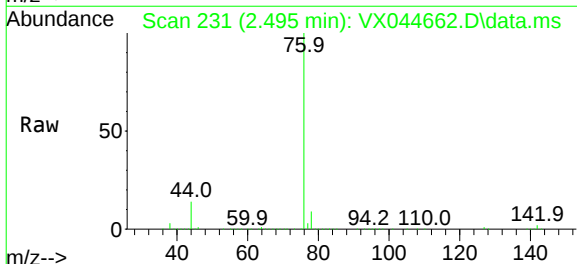
Acq: 16 Jan 2025 09:49

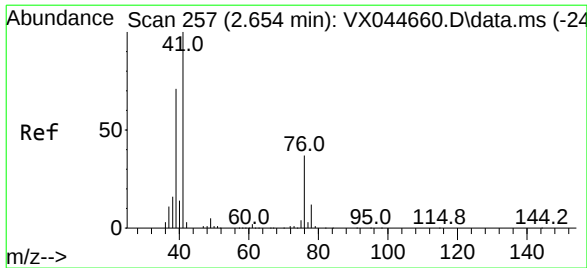
Tgt Ion: 76 Resp: 590082

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





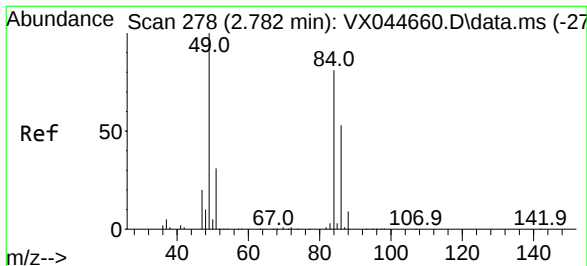
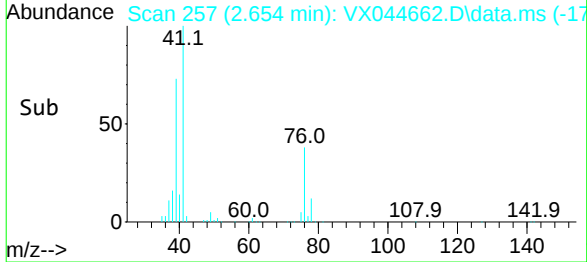
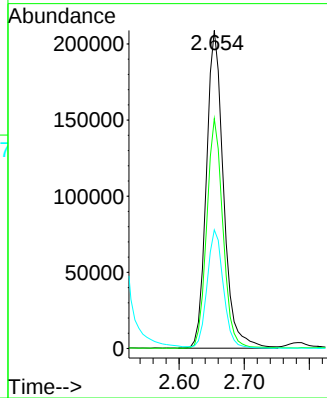
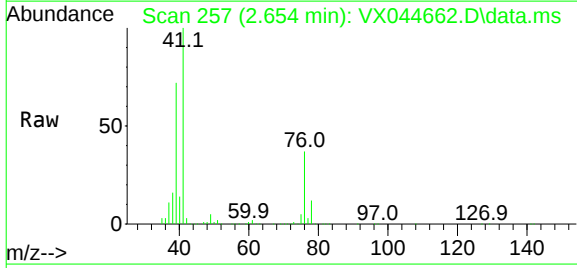
#17
 Allyl chloride
 Concen: 107.032 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 41 Resp: 382410
 Ion Ratio Lower Upper
 41 100
 39 72.2 35.6 106.8
 76 37.2 18.9 56.5

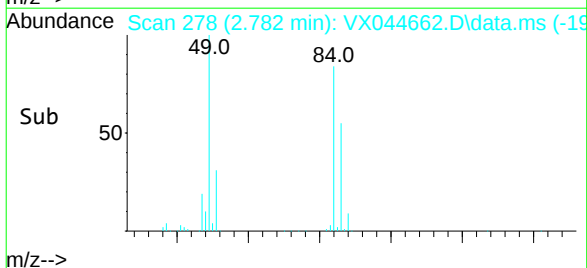
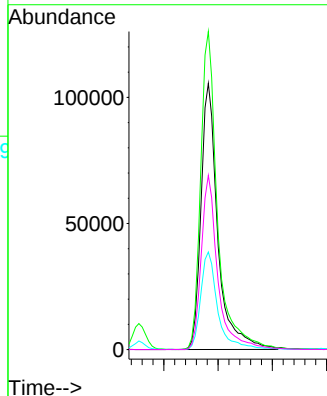
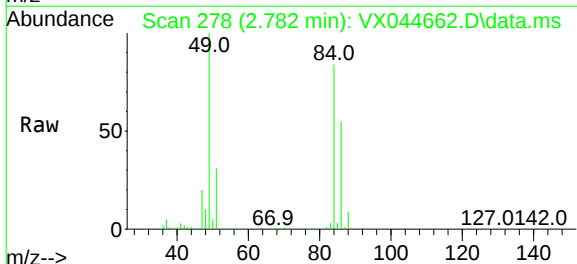
Manual Integrations
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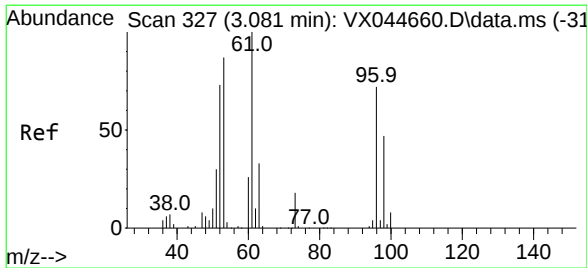
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#18
 Methylene Chloride
 Concen: 102.839 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

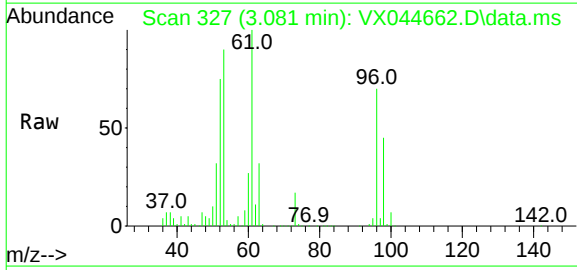
Tgt Ion: 84 Resp: 228084
 Ion Ratio Lower Upper
 84 100
 49 119.5 98.3 147.5
 51 36.6 30.6 46.0
 86 65.5 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 104.651 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

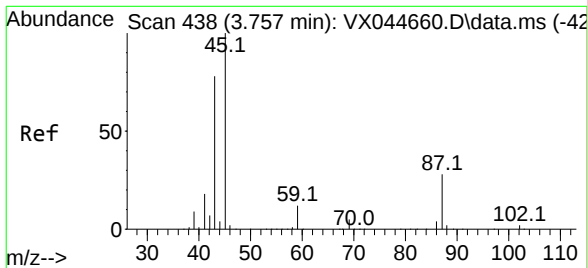
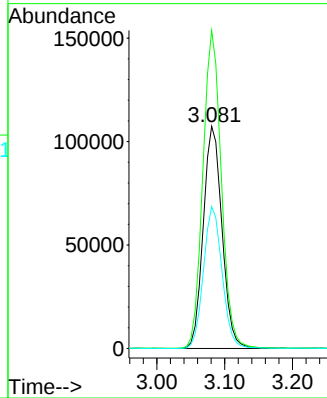
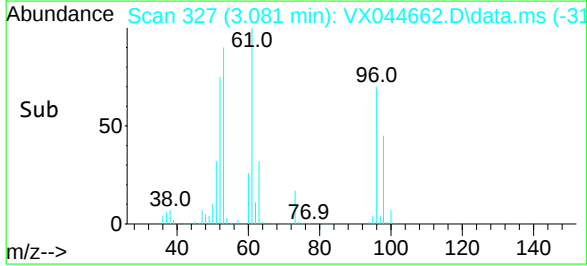
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 206160
Ion Ratio Lower Upper
96 100
61 143.0 111.5 167.3
98 63.7 52.6 79.0

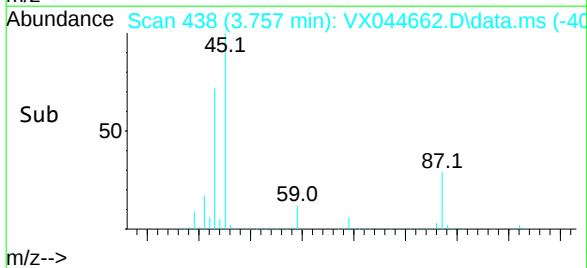
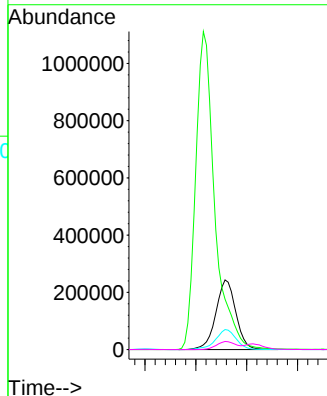
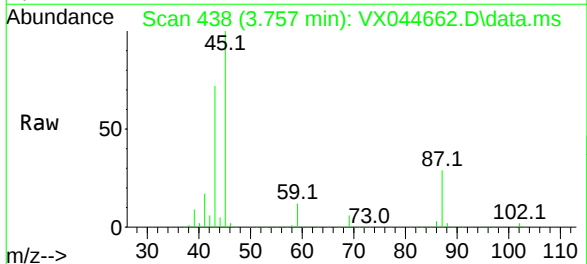
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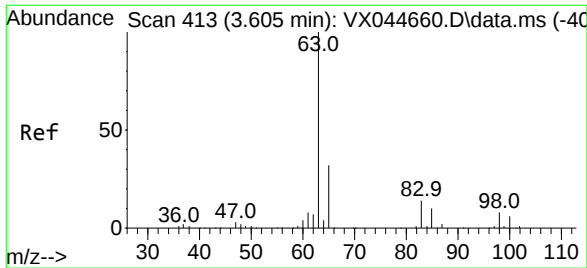
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#20
Diisopropyl ether
Concen: 102.175 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 45 Resp: 662597
Ion Ratio Lower Upper
45 100
43 72.0 62.6 94.0
87 28.8 22.7 34.1
59 11.6 9.4 14.2





#21

1,1-Dichloroethane

Concen: 105.660 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

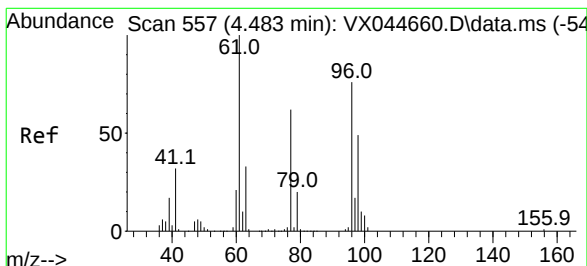
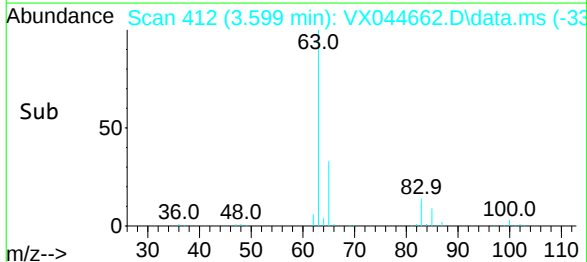
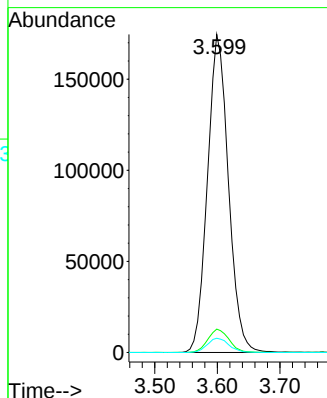
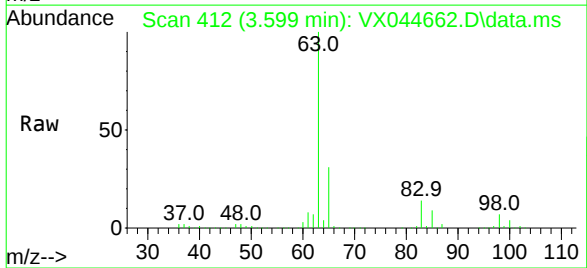
VSTDICC100

Tgt Ion: 63	Resp: 406465
Ion Ratio	Lower Upper
63 100	
98 7.4	4.0 11.9
100 4.5	2.8 8.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#22

cis-1,2-Dichloroethene

Concen: 104.980 ug/l

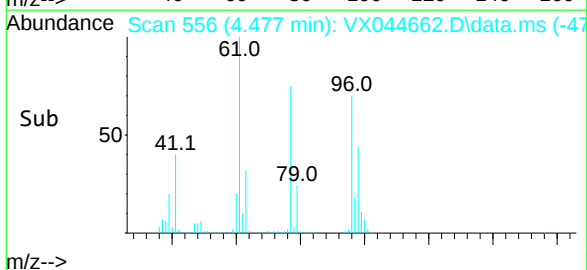
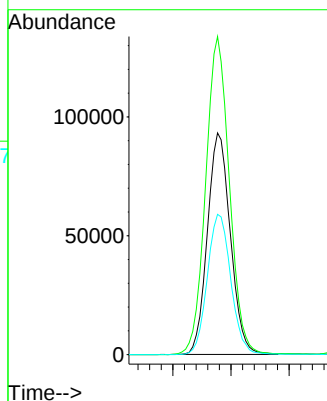
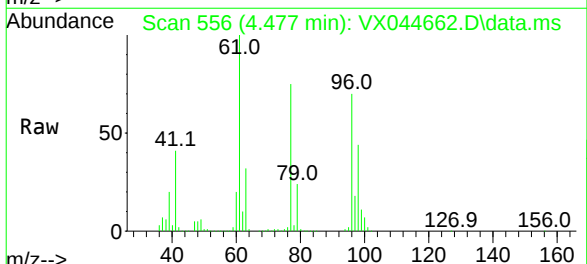
RT: 4.477 min Scan# 556

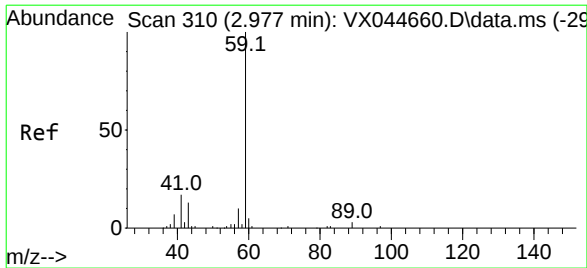
Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Tgt Ion: 96	Resp: 255966
Ion Ratio	Lower Upper
96 100	
61 147.9	115.2 172.8
98 64.8	51.8 77.6





#23

tert-Butyl Alcohol

Concen: 555.091 ug/l m

RT: 3.044 min Scan# 321

Delta R.T. 0.067 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 253812

Ion Ratio Lower Upper

59 100

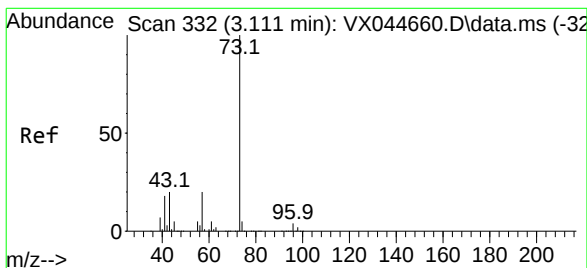
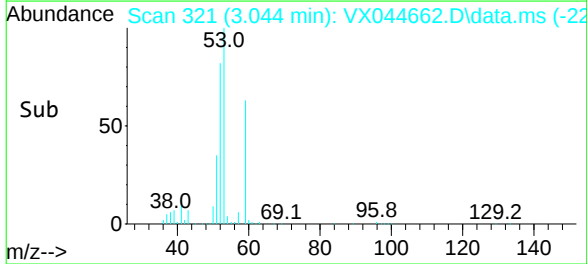
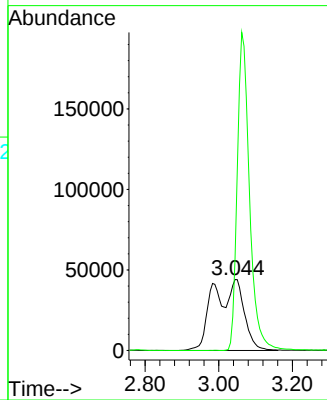
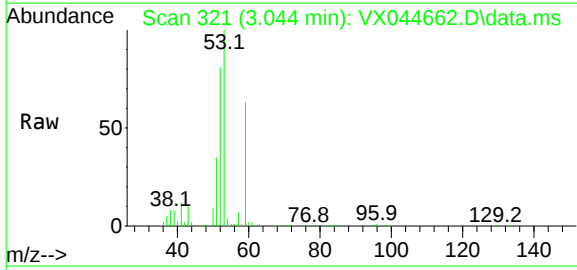
52 0.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#24

Methyl tert-Butyl Ether

Concen: 103.853 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044662.D

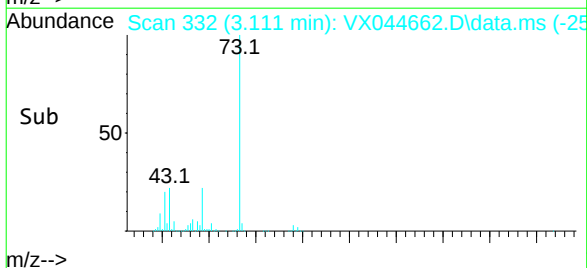
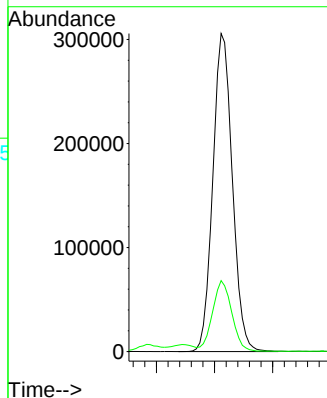
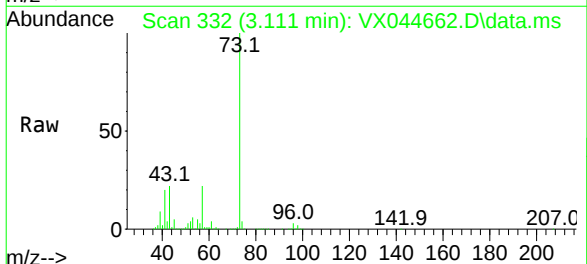
Acq: 16 Jan 2025 09:49

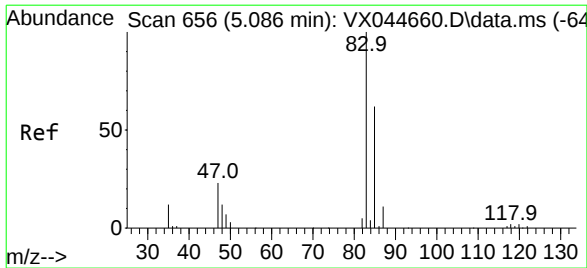
Tgt Ion: 73 Resp: 712903

Ion Ratio Lower Upper

73 100

43 21.7 16.9 25.3





#25

Chloroform

Concen: 104.534 ug/l

RT: 5.086 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 399572

Ion Ratio Lower Upper

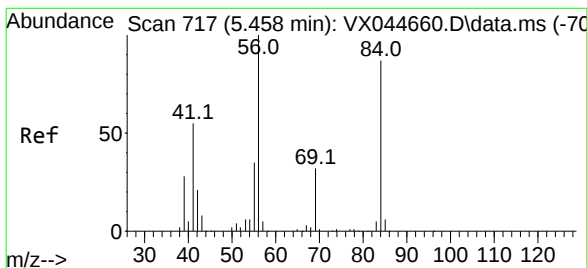
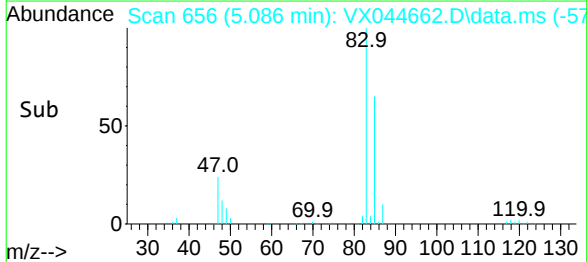
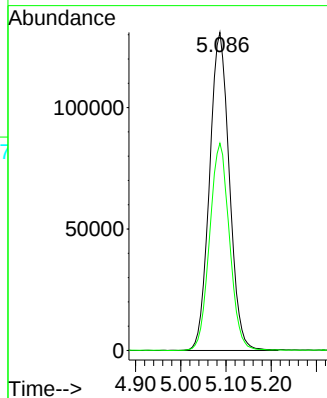
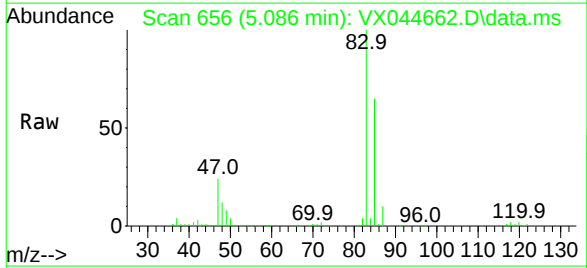
83 100

85 65.1 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#26

Cyclohexane

Concen: 108.611 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

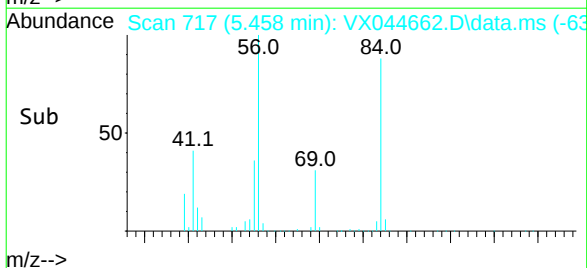
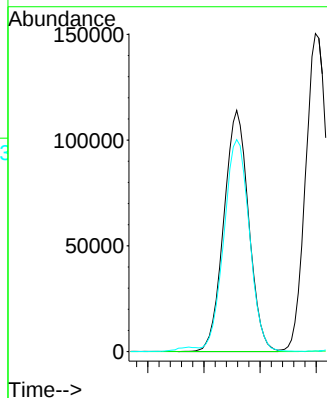
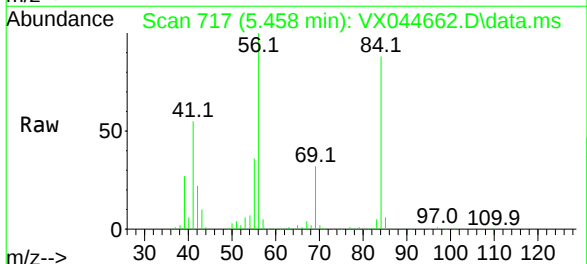
Tgt Ion: 56 Resp: 351156

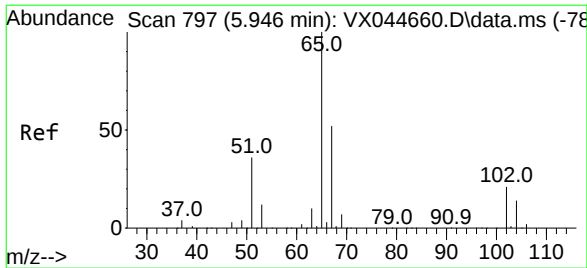
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 90.6 72.2 108.4





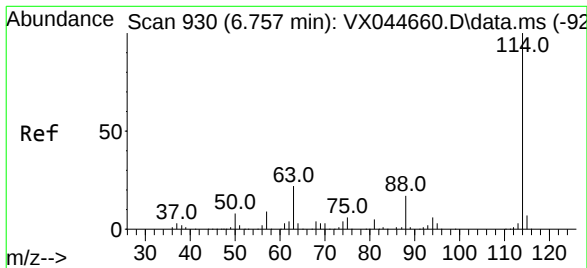
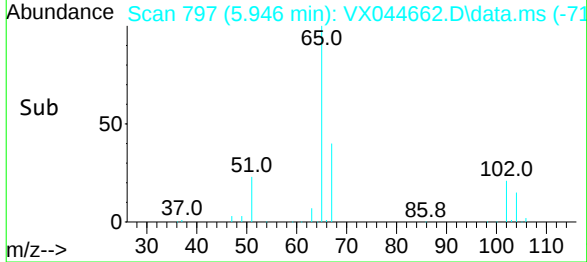
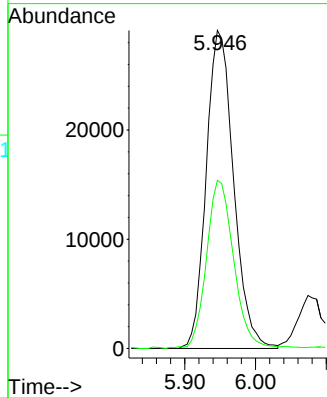
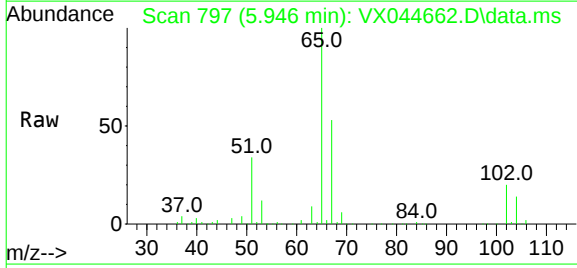
#27
1,2-Dichloroethane-d4
Concen: 30.205 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 78213
Ion Ratio Lower Upper
65 100
67 51.7 41.4 62.2

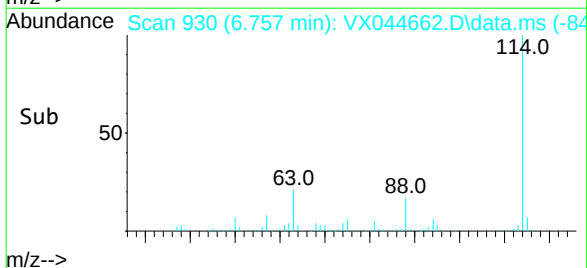
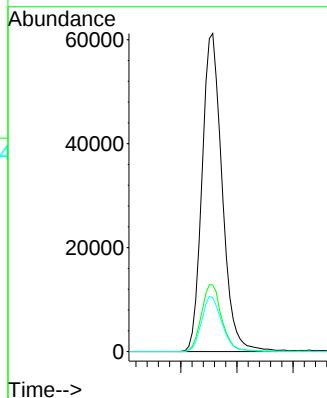
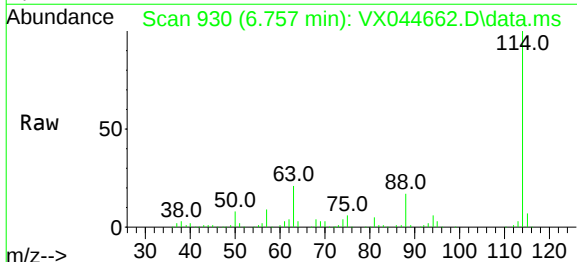
Manual Integrations
APPROVED

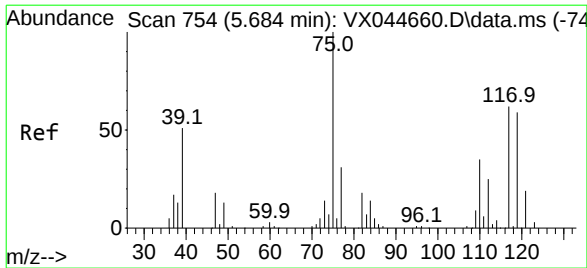
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:114 Resp: 152295
Ion Ratio Lower Upper
114 100
63 21.3 16.6 24.8
88 17.5 13.4 20.2





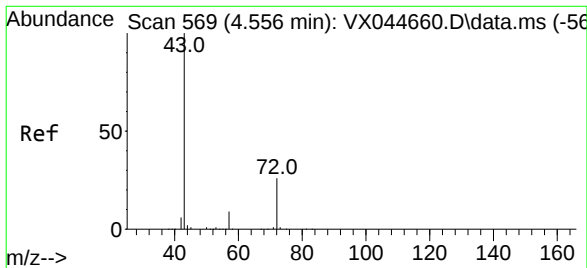
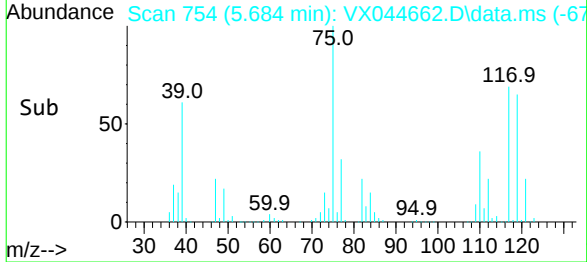
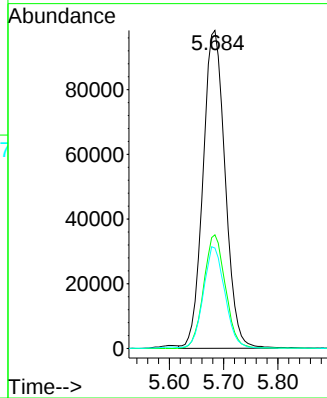
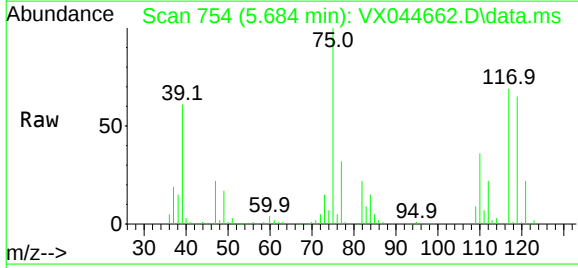
#29
1,1-Dichloropropene
Concen: 105.354 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 279081
Ion Ratio Lower Upper
75 100
110 35.0 0.0 69.4
77 30.9 0.0 59.8

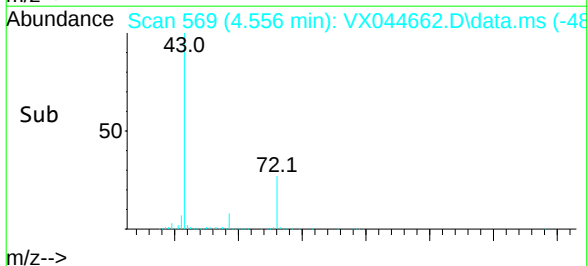
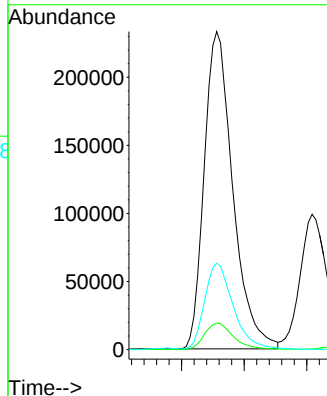
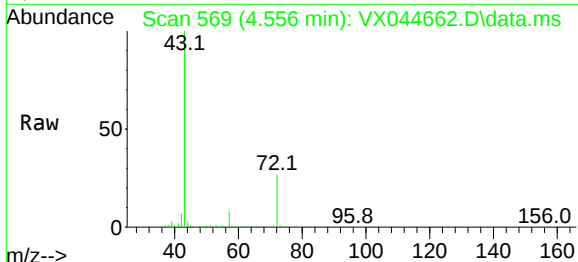
Manual Integrations
APPROVED

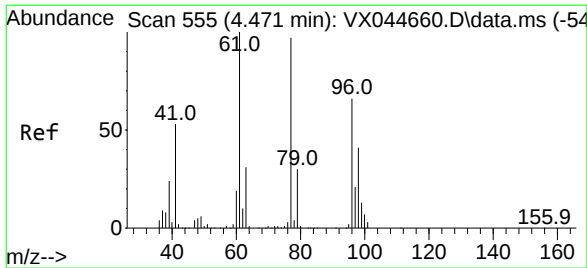
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
2-Butanone
Concen: 508.557 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 740025
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 102.674 ug/l

RT: 4.465 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 376371

Ion Ratio Lower Upper

77 100

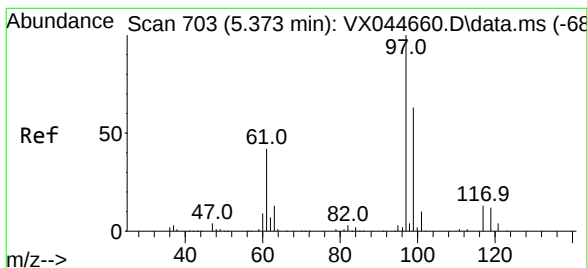
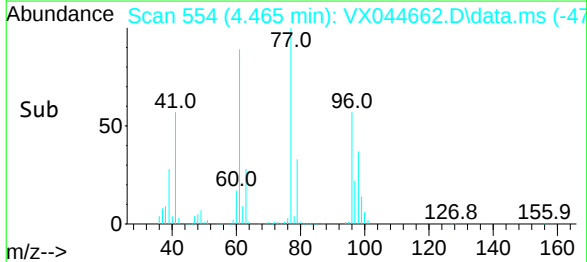
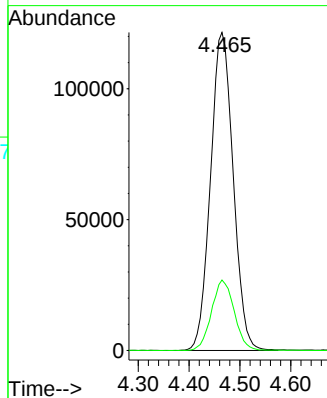
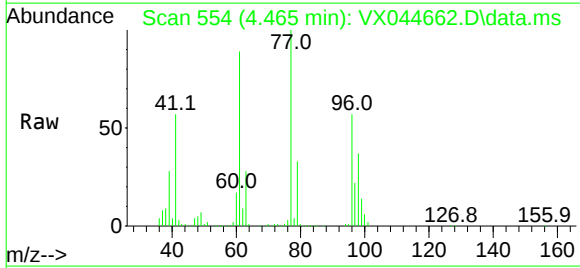
97 22.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#32

1,1,1-Trichloroethane

Concen: 102.399 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

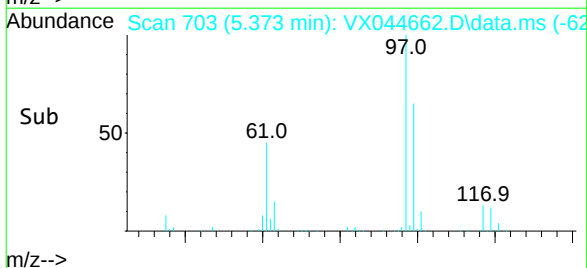
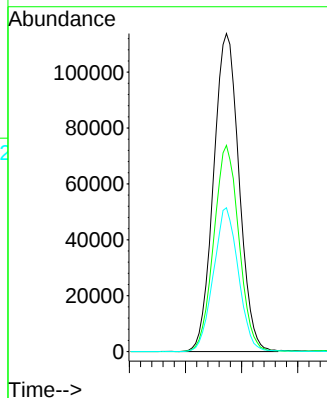
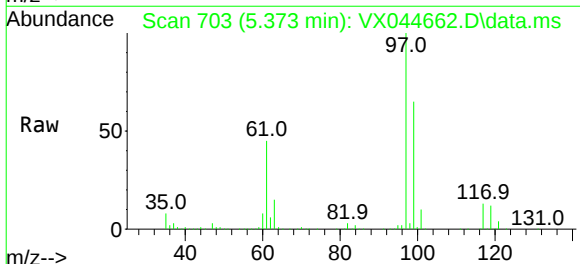
Tgt Ion: 97 Resp: 359473

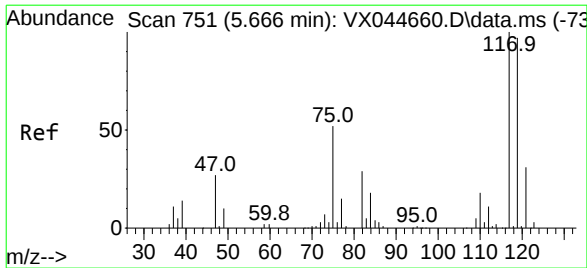
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

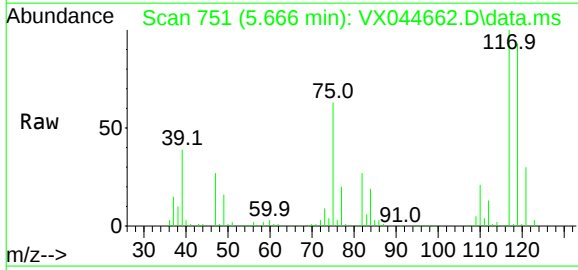
61 44.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 103.662 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

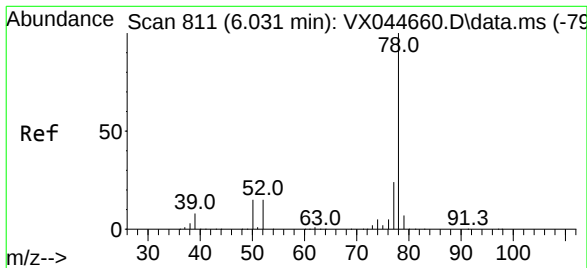
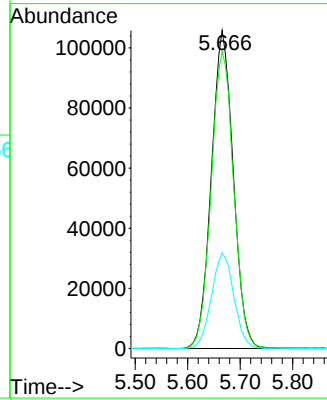
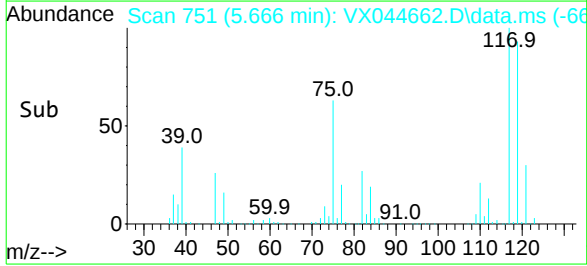
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



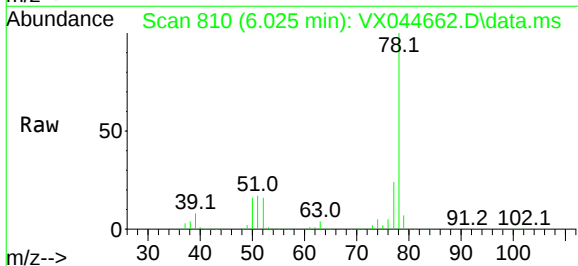
Tgt Ion: 117 Resp: 306978
Ion Ratio Lower Upper
117 100
119 93.3 77.3 115.9
121 30.1 24.6 37.0

Manual Integrations
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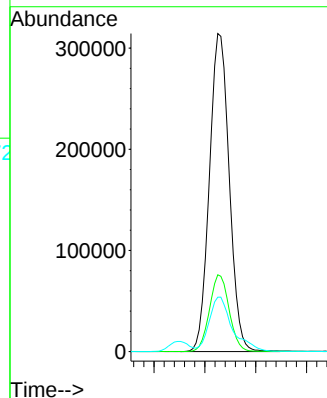
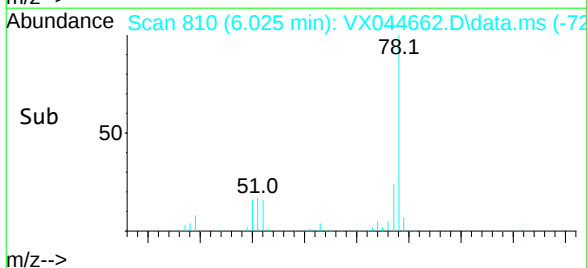
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

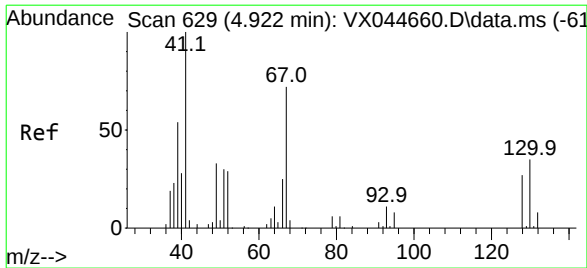


#34
Benzene
Concen: 100.973 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49



Tgt Ion: 78 Resp: 853368
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 17.0 12.7 19.1





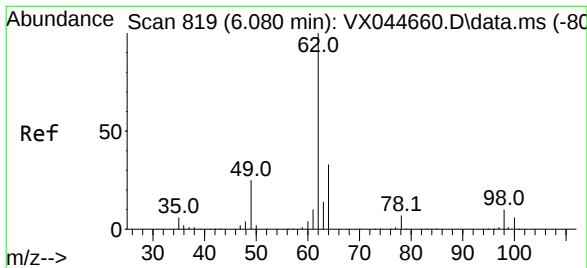
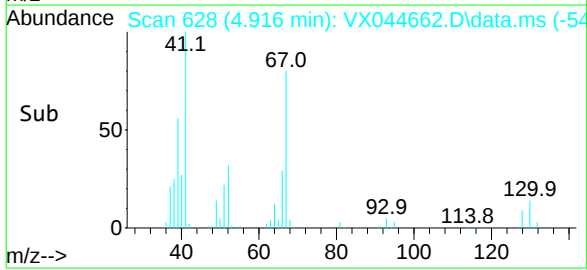
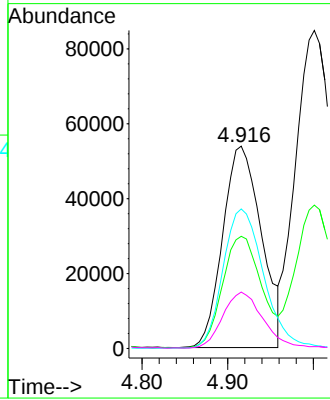
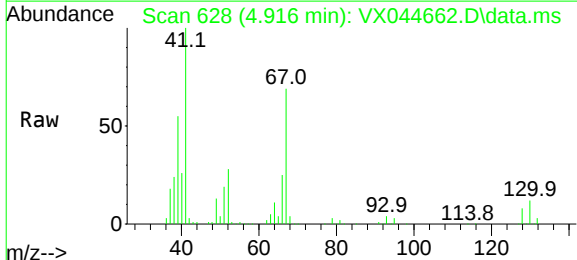
#35
Methacrylonitrile
Concen: 103.905 ug/l
RT: 4.916 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	168983
Ion	Ratio	Lower	Upper
41	100		
39	55.3	27.1	81.3
67	69.0	35.8	107.4
52	27.7	14.4	43.2

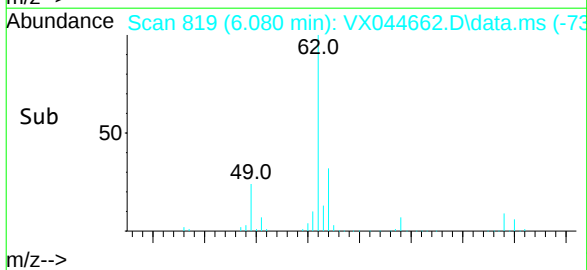
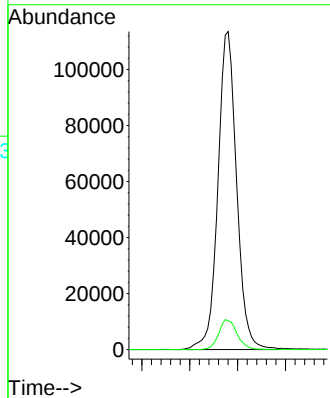
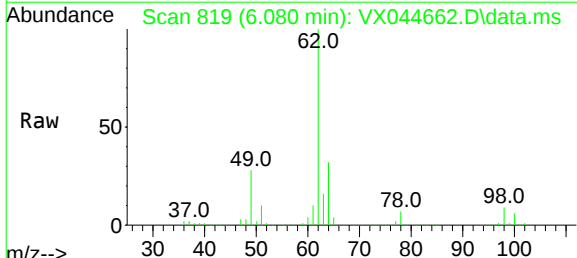
Manual Integrations
APPROVED

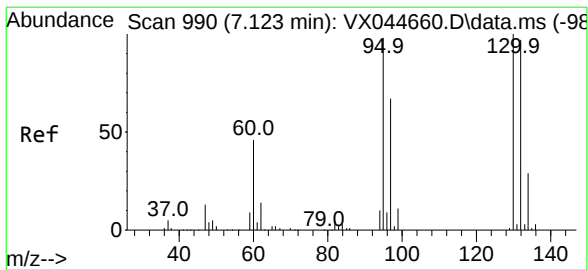
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#36
1,2-Dichloroethane
Concen: 102.014 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:	62	Resp:	308254
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2





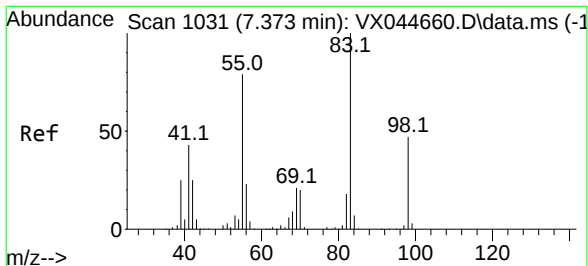
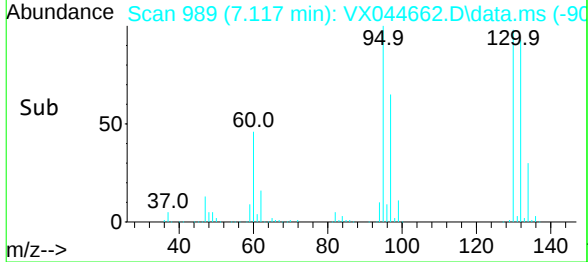
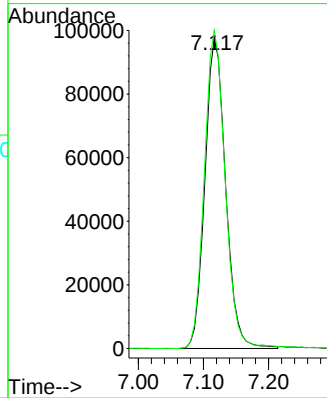
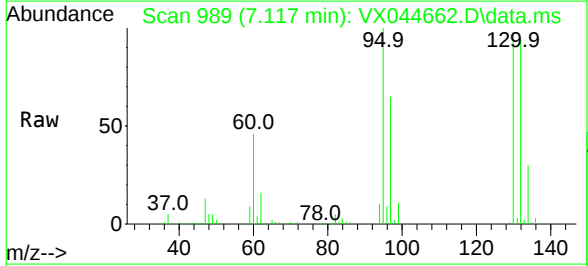
#37
Trichloroethene
Concen: 105.483 ug/l
RT: 7.117 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 215237
Ion Ratio Lower Upper
130 100
95 102.5 78.2 117.4

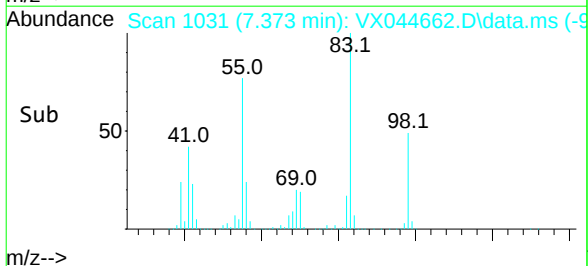
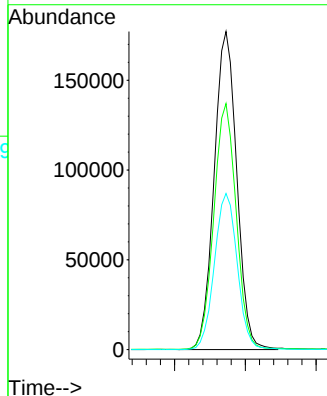
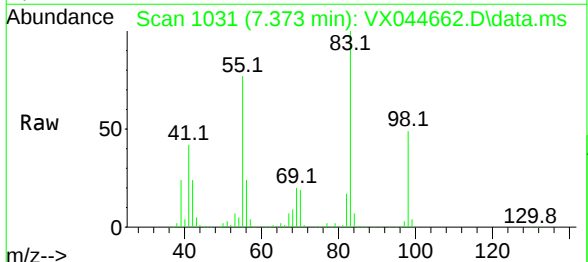
Manual Integrations
APPROVED

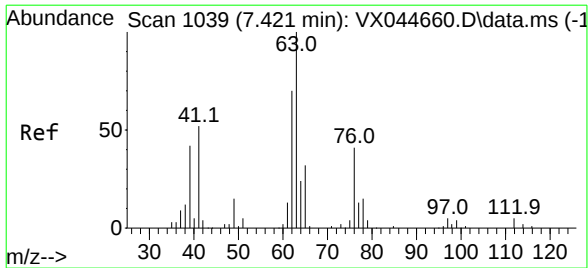
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 109.448 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 83 Resp: 393920
Ion Ratio Lower Upper
83 100
55 76.6 38.4 115.2
98 49.7 24.4 73.4





#39
 1,2-Dichloropropane
 Concen: 101.928 ug/l
 RT: 7.421 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

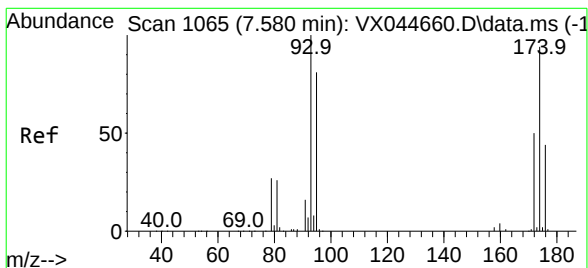
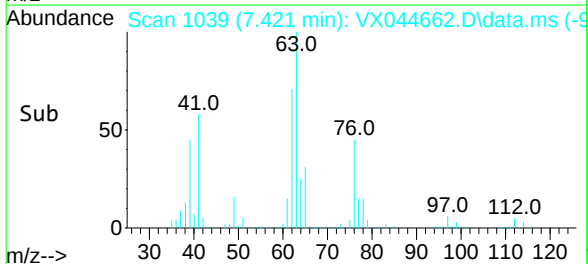
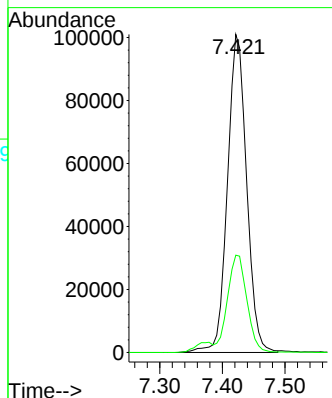
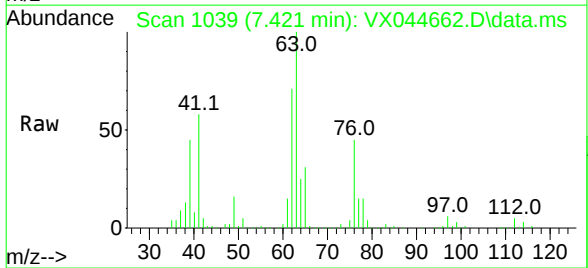
ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 214812
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.5 38.3

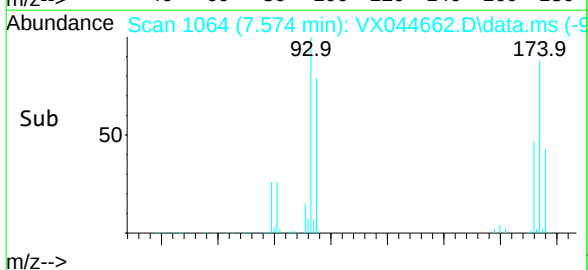
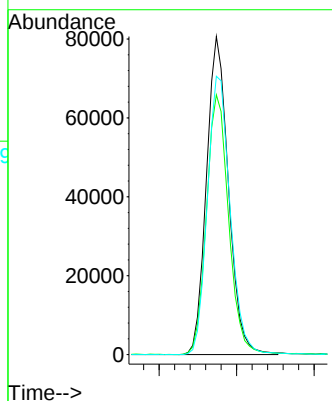
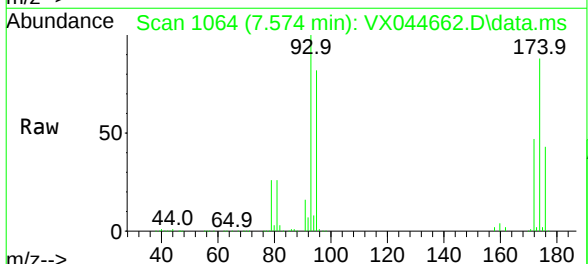
Manual Integrations
 APPROVED

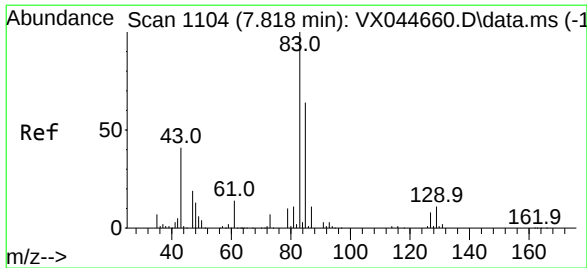
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#40
 Dibromomethane
 Concen: 101.563 ug/l
 RT: 7.574 min Scan# 1064
 Delta R.T. -0.006 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

Tgt Ion: 93 Resp: 159130
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 167.0
 174 90.6 0.0 182.0





#41

Bromodichloromethane

Concen: 100.170 ug/l

RT: 7.818 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 324068

Ion Ratio Lower Upper

83 100

85 65.1 50.9 76.3

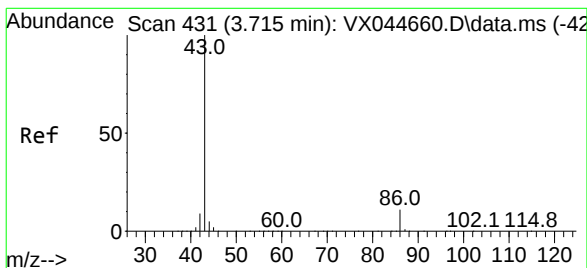
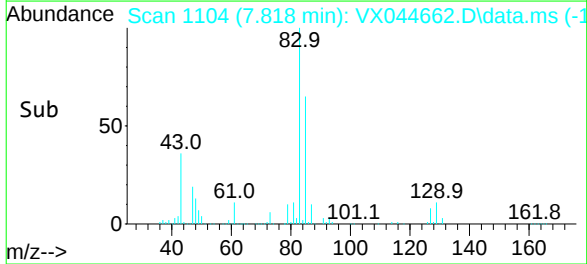
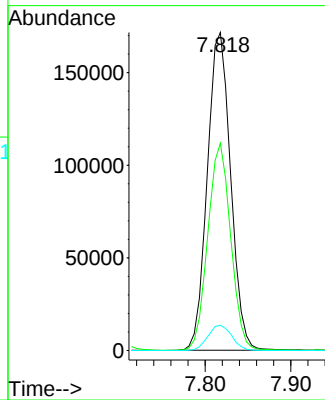
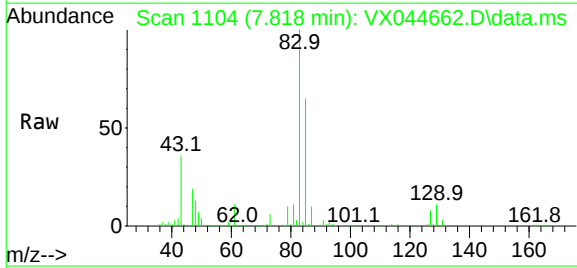
127 8.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#42

Vinyl Acetate

Concen: 501.741 ug/l

RT: 3.715 min Scan# 431

Delta R.T. 0.000 min

Lab File: VX044662.D

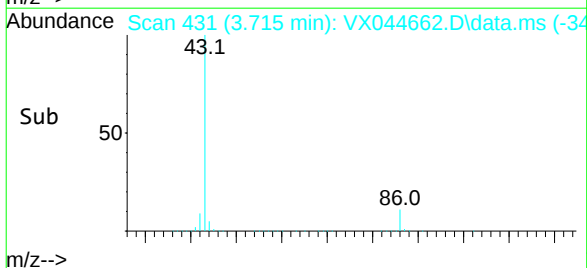
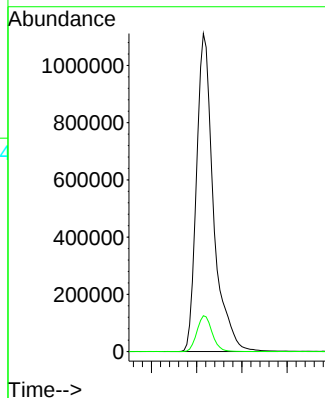
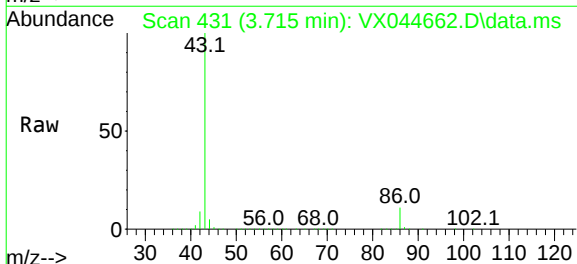
Acq: 16 Jan 2025 09:49

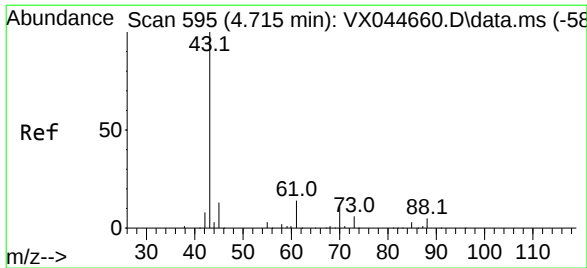
Tgt Ion: 43 Resp: 2899515

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0





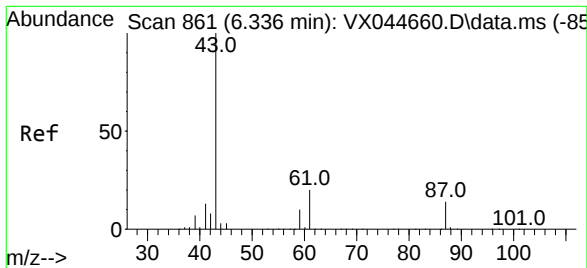
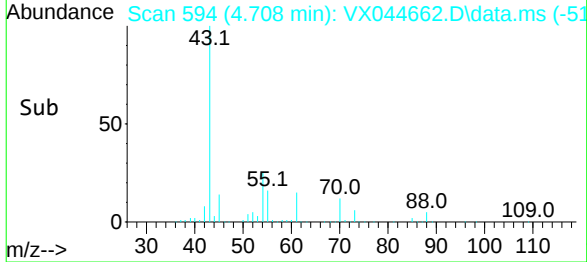
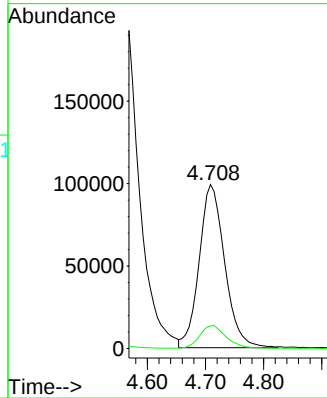
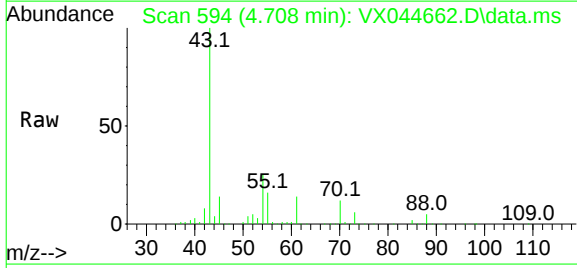
#43
Ethyl Acetate
Concen: 105.547 ug/l
RT: 4.708 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 301278
Ion Ratio Lower Upper
43 100
45 14.5 0.1 0.1#

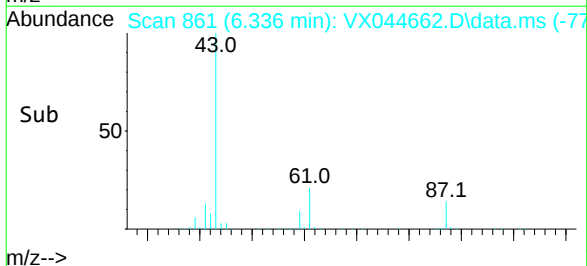
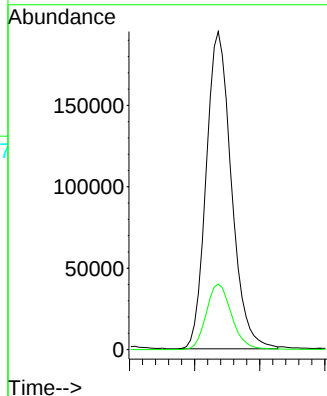
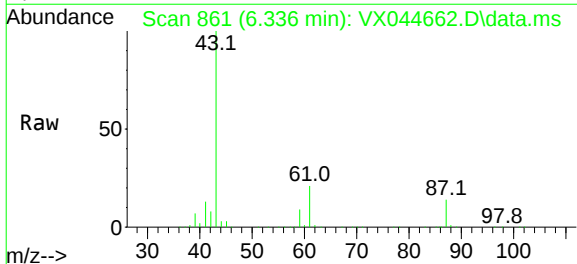
Manual Integrations
APPROVED

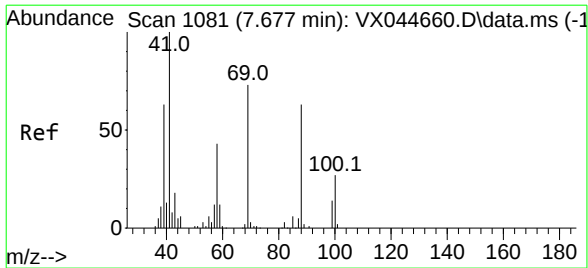
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#44
Isopropyl Acetate
Concen: 102.223 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

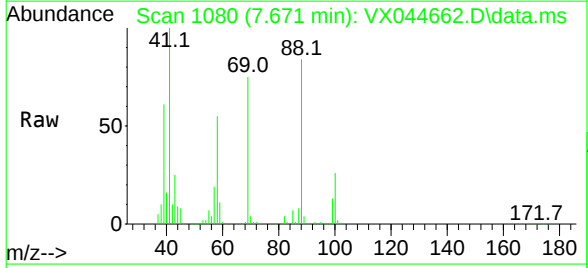
Tgt Ion: 43 Resp: 524207
Ion Ratio Lower Upper
43 100
61 20.7 16.2 24.4





#45
1,4-Dioxane
Concen: 1959.377 ug/l
RT: 7.671 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

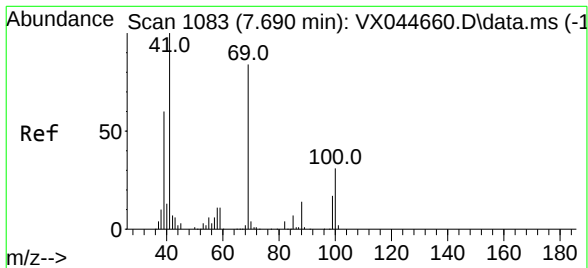
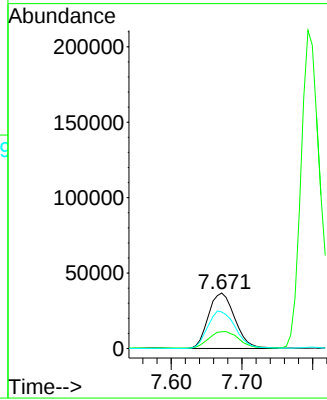
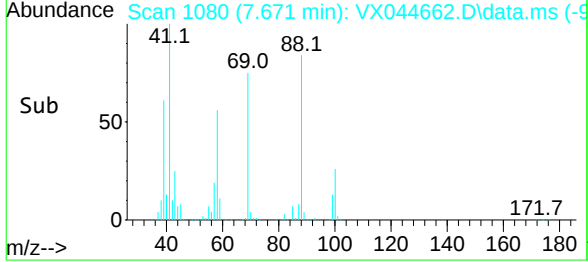
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



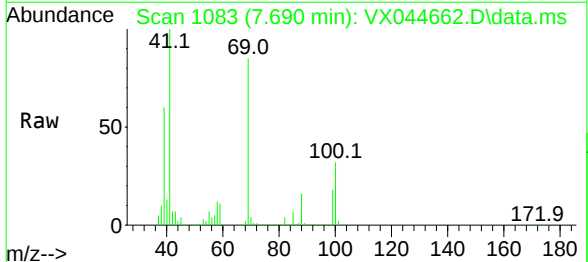
Tgt Ion: 88 Resp: 95678
Ion Ratio Lower Upper
88 100
43 33.5 25.9 38.9
58 69.9 58.9 88.3

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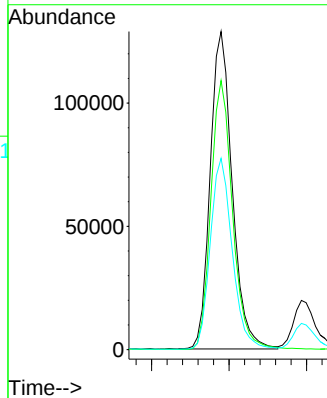
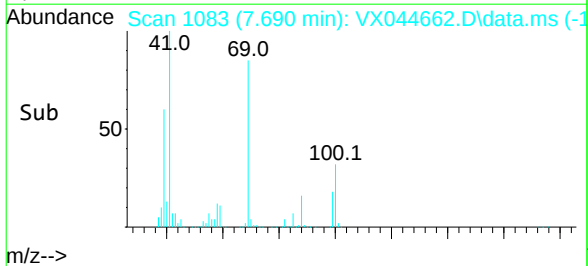
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

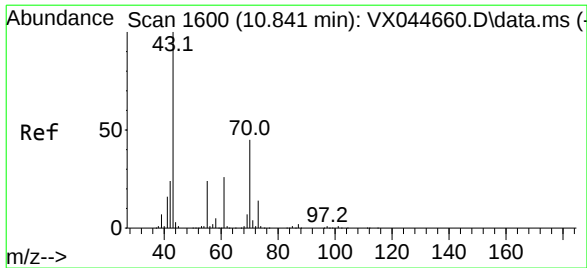


#46
Methyl methacrylate
Concen: 101.293 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49



Tgt Ion: 41 Resp: 254259
Ion Ratio Lower Upper
41 100
69 84.7 41.9 125.7
39 60.1 30.1 90.3





#47

n-amy1 Acetate

Concen: 99.102 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 426497

Ion Ratio Lower Upper

43 100

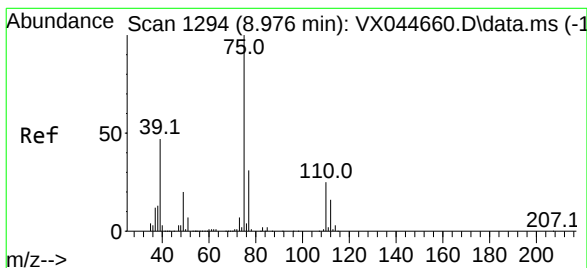
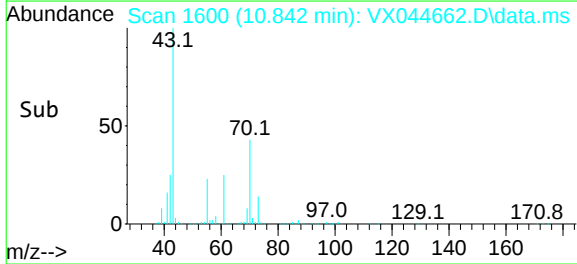
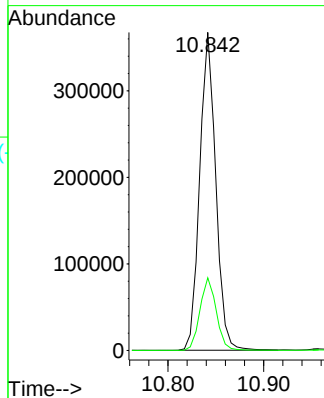
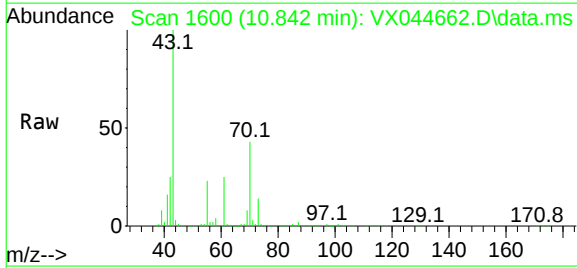
55 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#48

t-1,3-Dichloropropene

Concen: 101.765 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044662.D

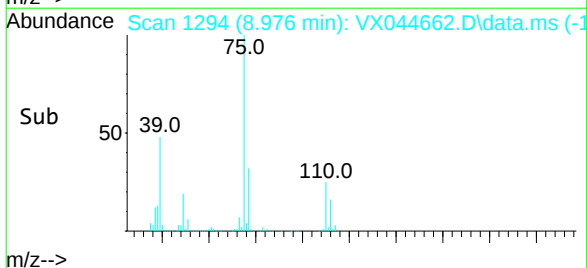
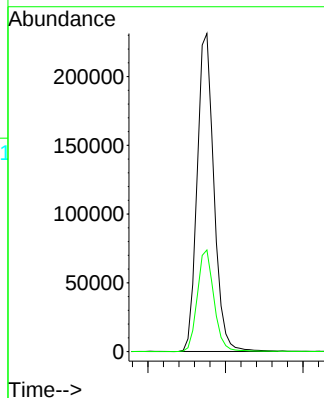
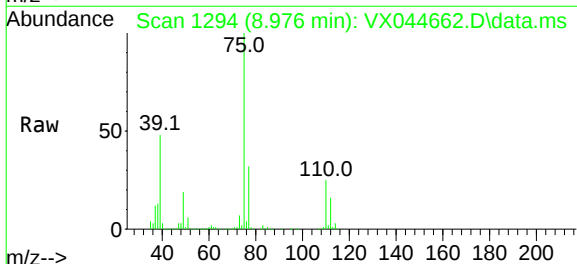
Acq: 16 Jan 2025 09:49

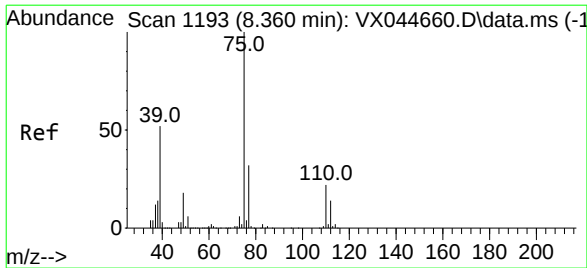
Tgt Ion: 75 Resp: 347499

Ion Ratio Lower Upper

75 100

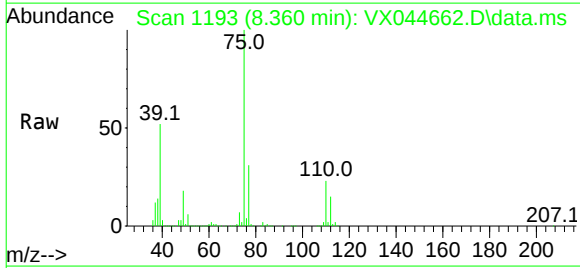
77 31.9 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 101.289 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

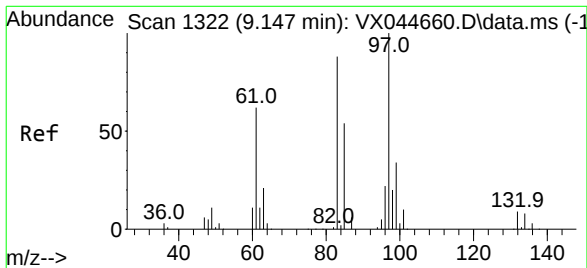
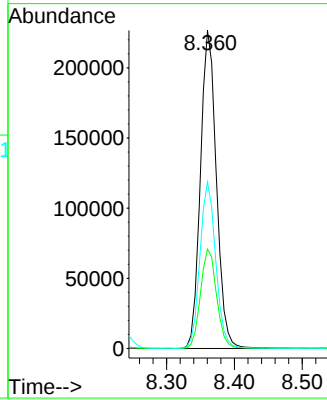
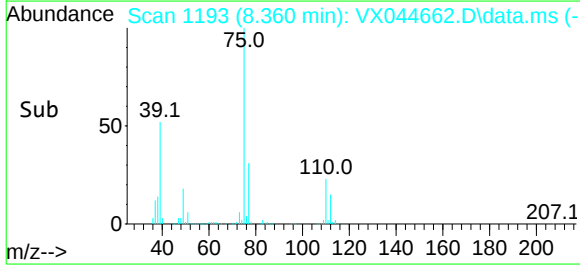
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



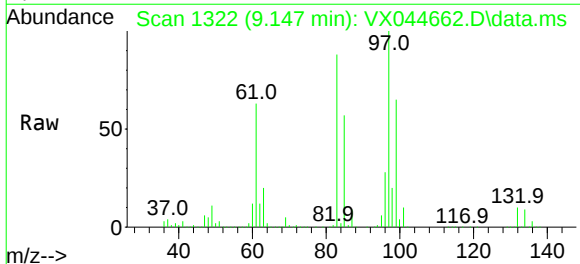
Tgt Ion: 75 Resp: 370879
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 52.3 41.4 62.0

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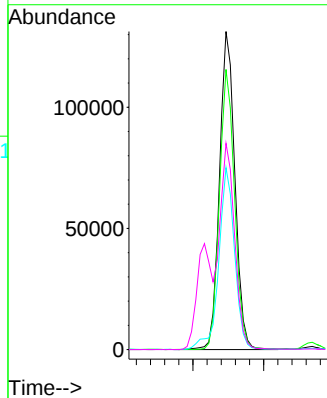
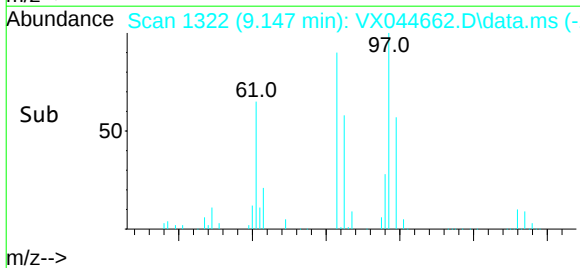
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

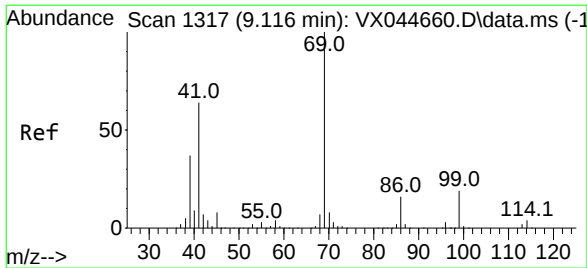


#50
1,1,2-Trichloroethane
Concen: 98.117 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49



Tgt Ion: 97 Resp: 198320
Ion Ratio Lower Upper
97 100
83 88.0 69.2 103.8
85 57.2 44.8 67.2
99 64.8 52.1 78.1





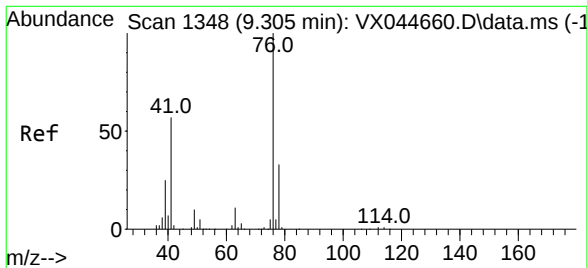
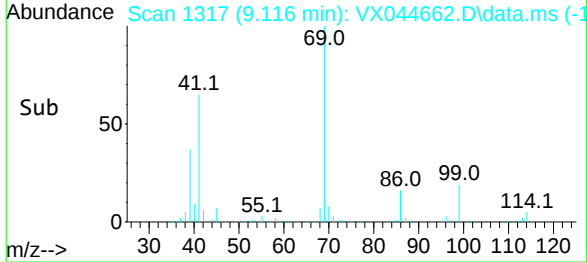
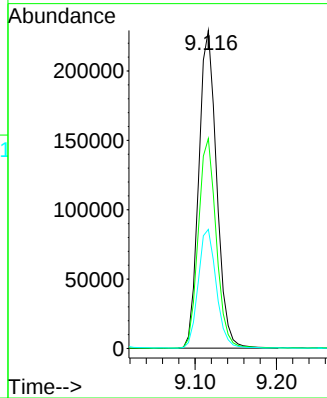
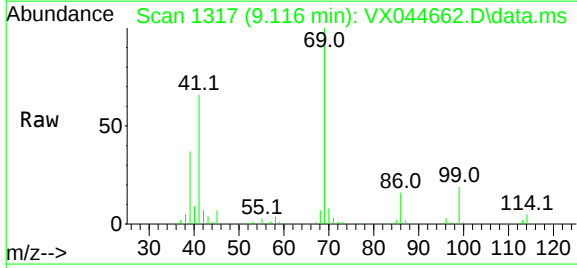
#51
Ethyl methacrylate
Concen: 99.647 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 69 Resp: 349309
Ion Ratio Lower Upper
69 100
41 65.9 32.0 96.0
39 37.3 18.6 55.6

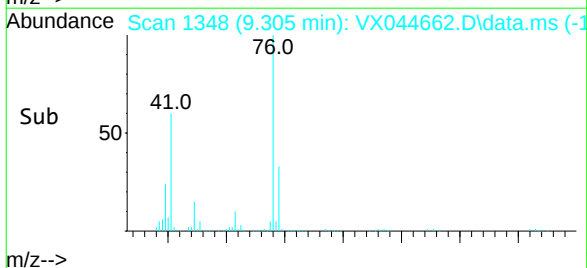
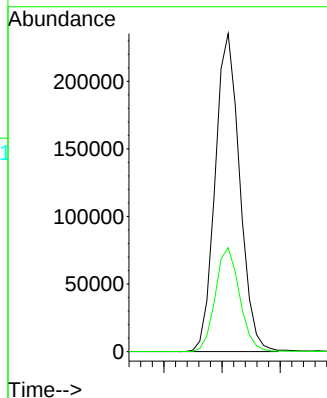
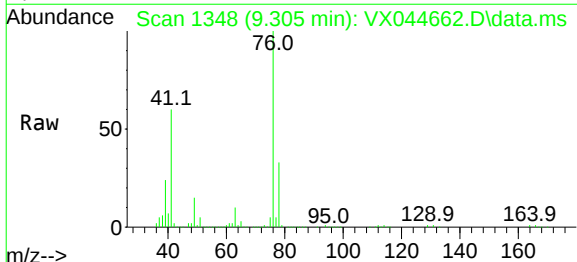
Manual Integrations
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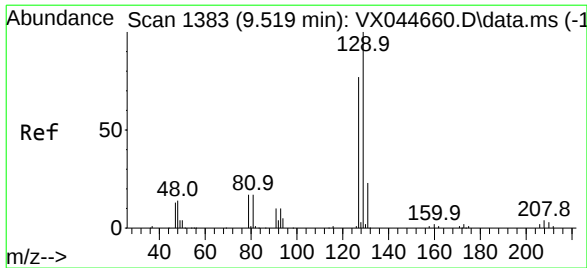
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#52
1,3-Dichloropropane
Concen: 98.954 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 76 Resp: 345352
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0





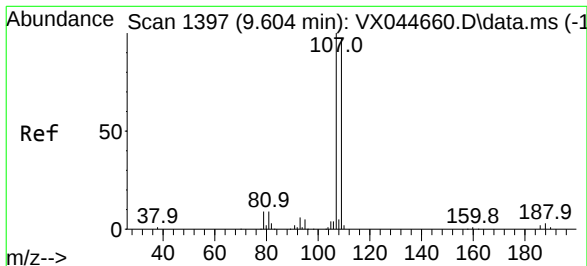
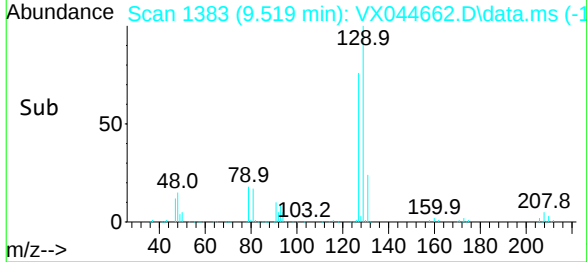
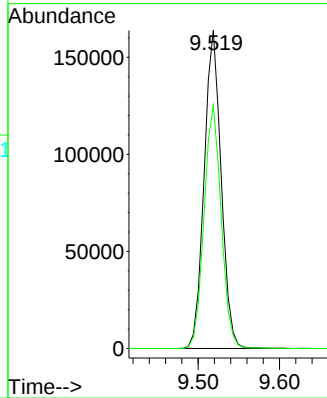
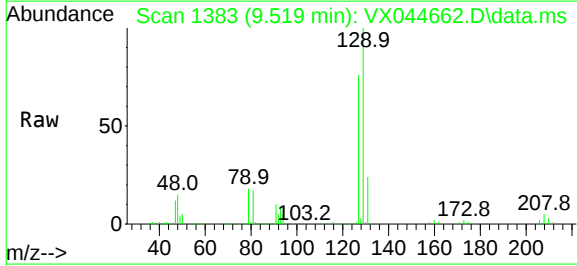
#53
Dibromochloromethane
Concen: 98.596 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 237742
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.4

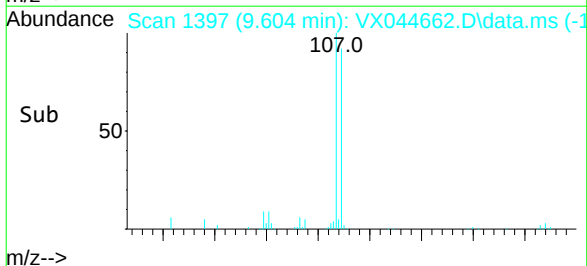
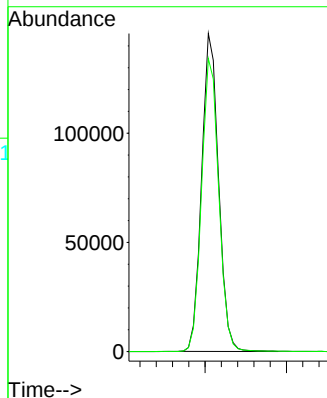
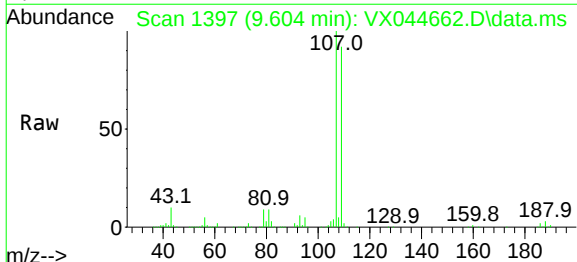
Manual Integrations
APPROVED

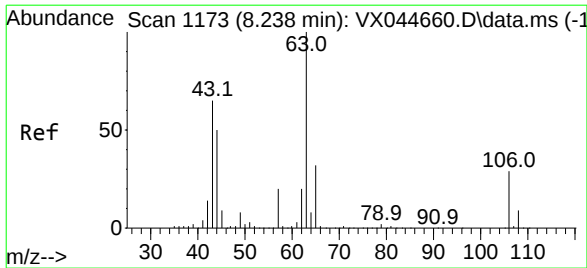
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#54
1,2-Dibromoethane
Concen: 98.575 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:107 Resp: 210275
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3





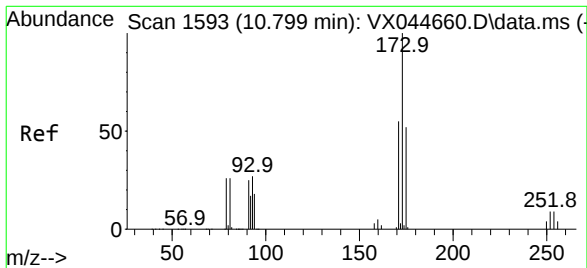
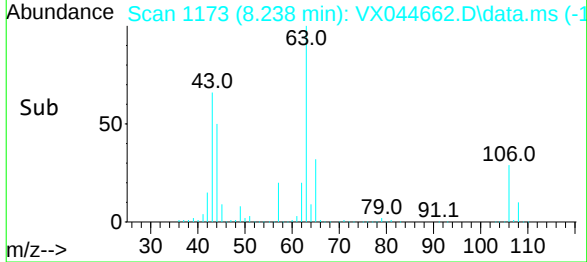
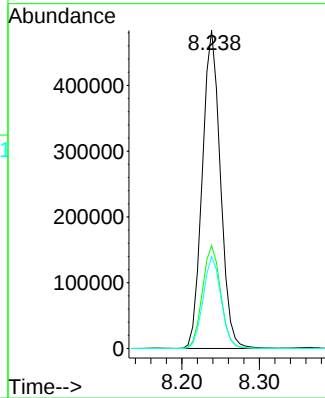
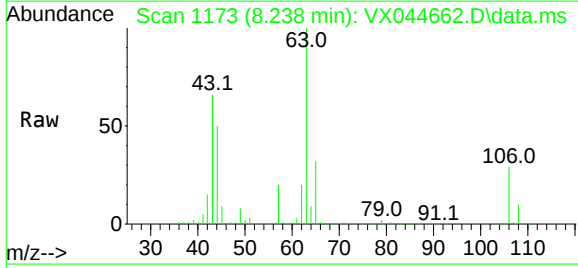
#55
2-Chloroethyl vinyl ether
Concen: 461.586 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 784090
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 28.7 23.1 34.7

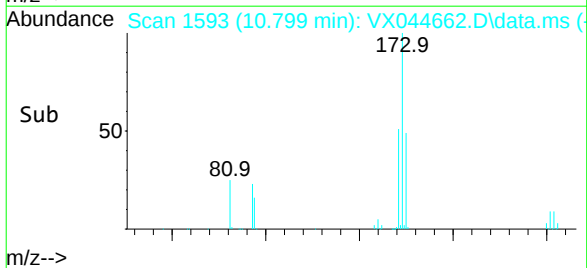
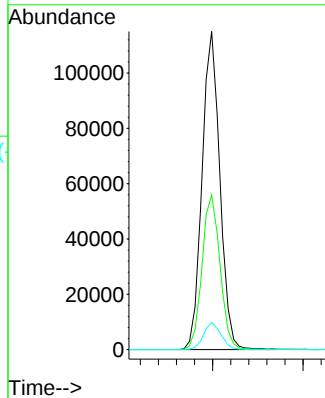
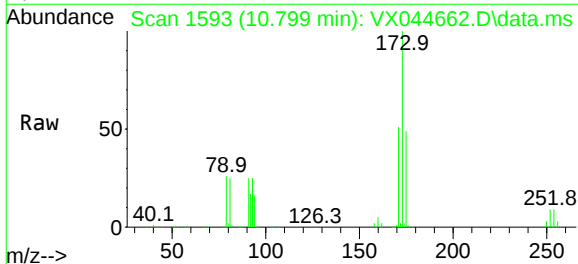
Manual Integrations
APPROVED

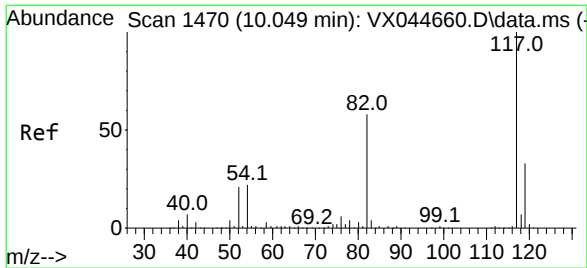
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#56
Bromoform
Concen: 98.522 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:173 Resp: 157528
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 8.4 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

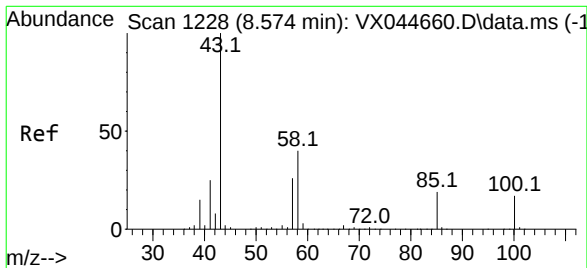
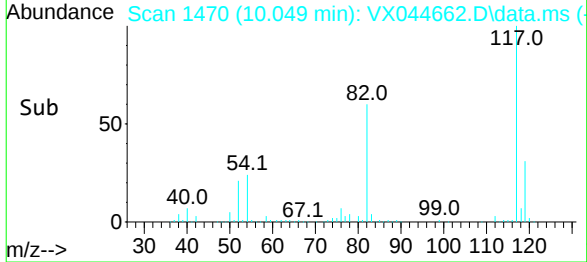
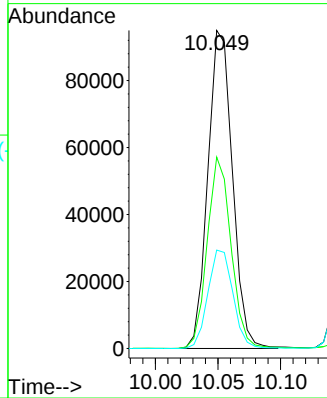
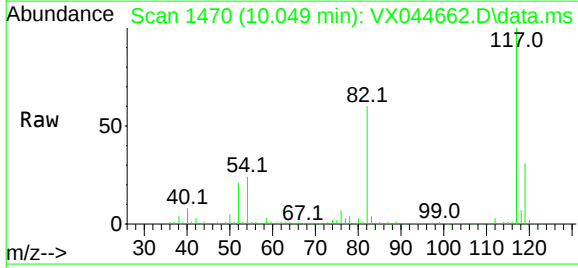
VSTDICC100

Tgt Ion:	117	Resp:	129735
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.8	68.6
119	31.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#58

4-Methyl-2-Pentanone

Concen: 504.291 ug/l

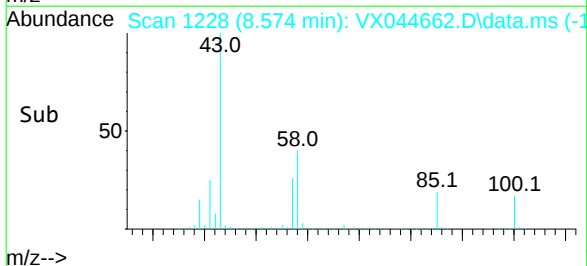
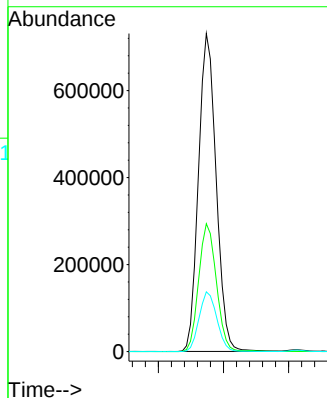
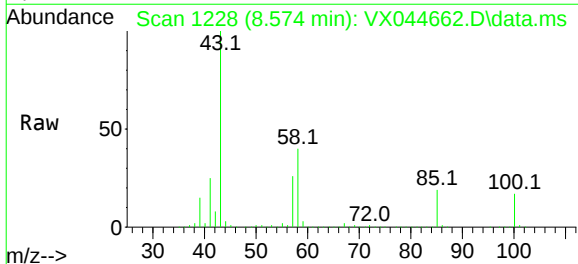
RT: 8.574 min Scan# 1228

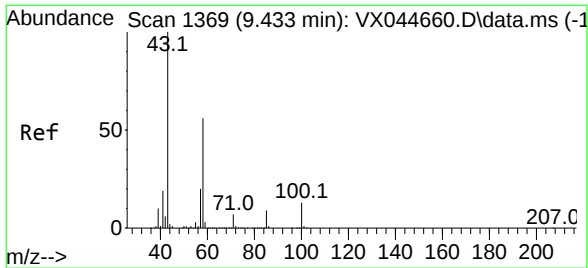
Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

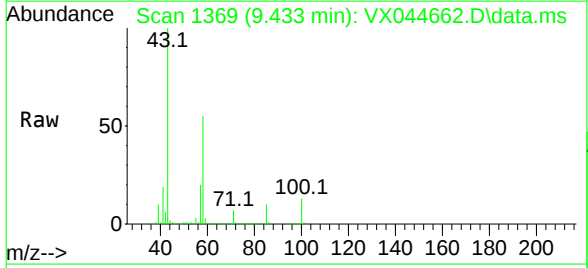
Tgt Ion:	43	Resp:	1379048
Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.7	47.5
85	18.9	15.0	22.6





#59
2-Hexanone
Concen: 507.718 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

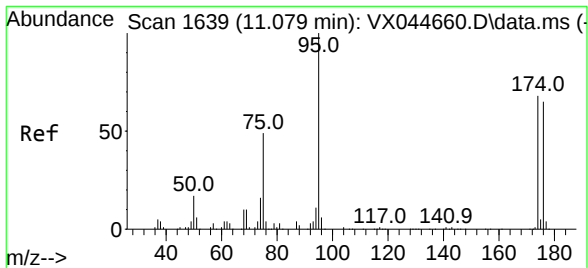
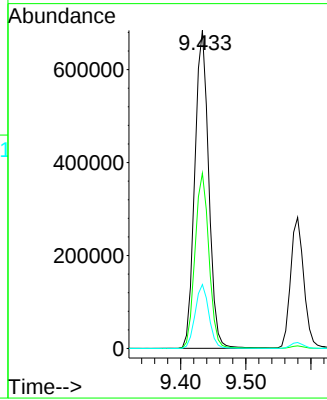
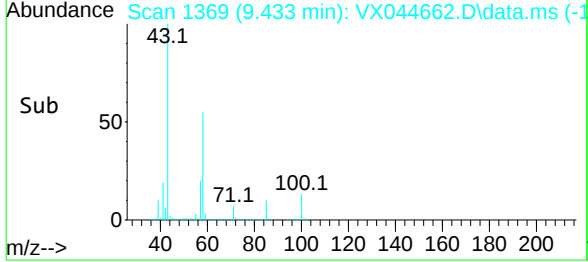
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



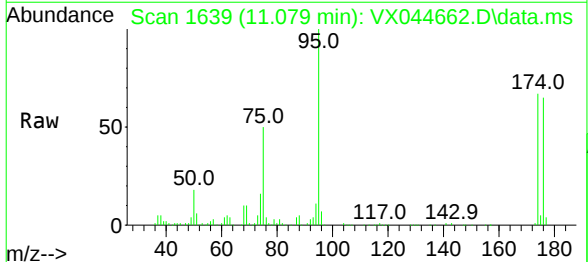
Tgt Ion: 43 Resp: 1016466
Ion Ratio Lower Upper
43 100
58 55.1 44.4 66.6
57 20.0 15.5 23.3

Manual Integrations
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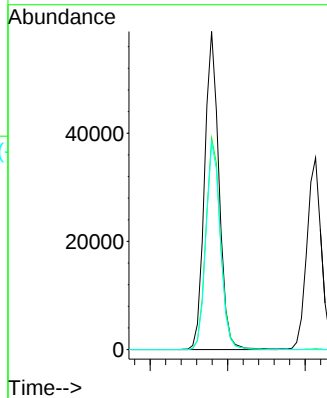
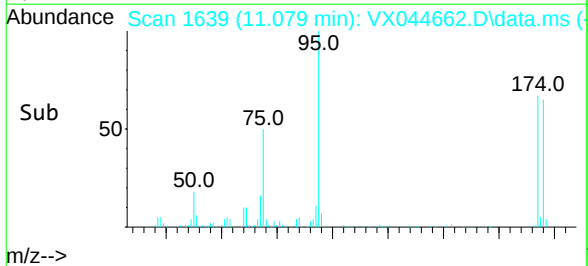
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

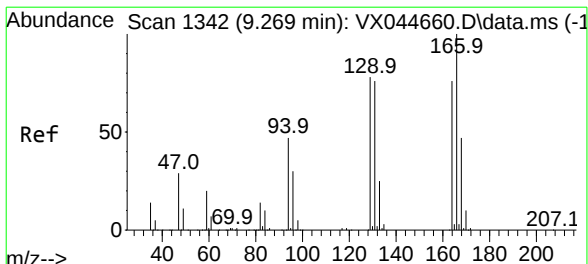


#60
4-Bromofluorobenzene
Concen: 30.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49



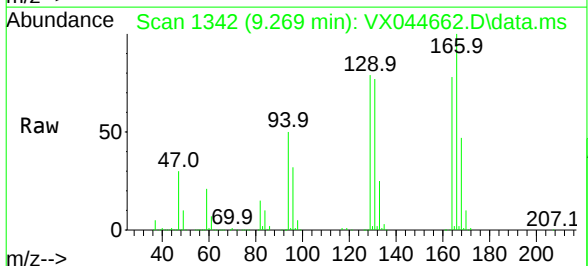
Tgt Ion: 95 Resp: 76025
Ion Ratio Lower Upper
95 100
174 67.1 54.6 81.8
176 65.2 52.8 79.2





#61
 Tetrachloroethene
 Concen: 107.635 ug/l
 RT: 9.269 min Scan# 1312
 Delta R.T. 0.000 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

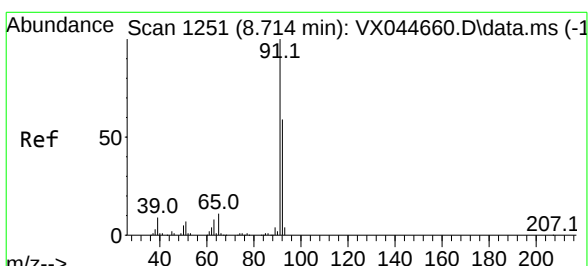
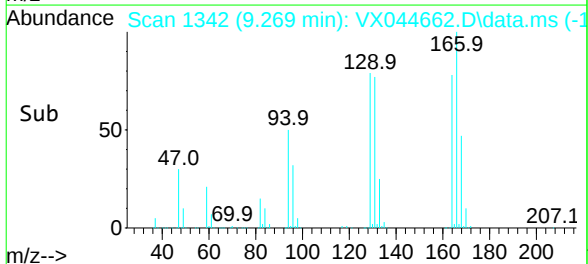
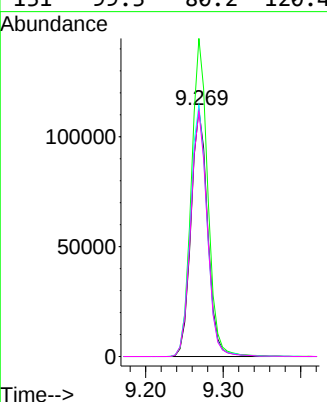
Instrument : MSVOA_X
 ClientSampleId : VSTDICC100



Tgt Ion: 164 Resp: 167502

Ion	Ratio	Lower	Upper
164	100		
166	128.8	105.6	158.4
129	101.7	82.8	124.2
131	99.3	80.2	120.4

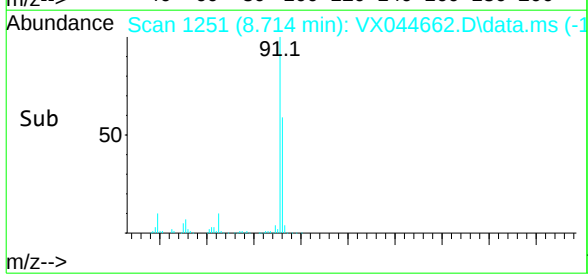
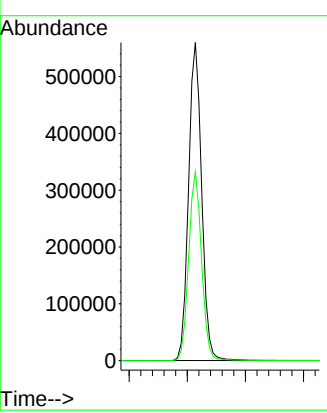
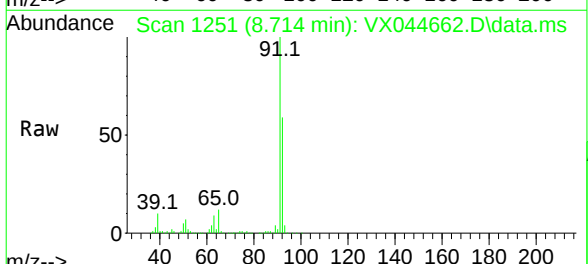
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 Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

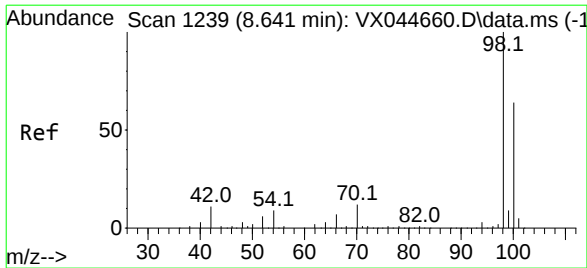


#62
 Toluene
 Concen: 102.394 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. 0.000 min
 Lab File: VX044662.D
 Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 874711

Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.3	70.9





#63

Toluene-d8

Concen: 30.042 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 98 Resp: 211985

Ion Ratio Lower Upper

98 100

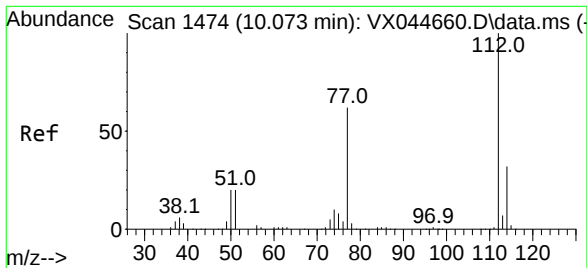
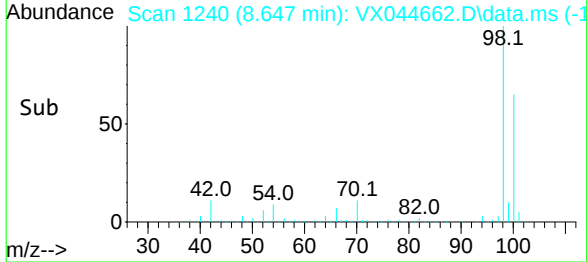
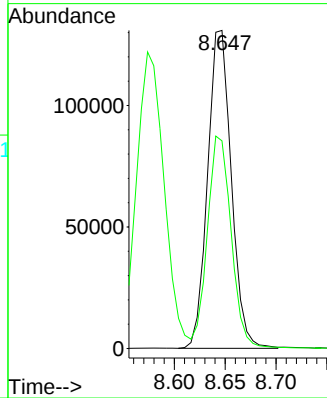
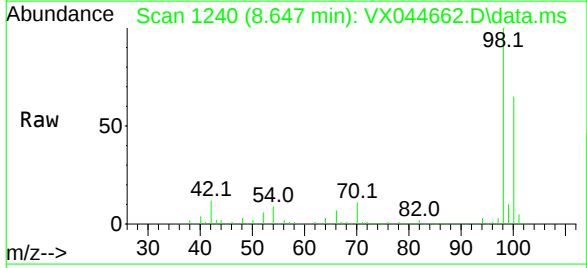
100 67.1 53.6 80.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#64

Chlorobenzene

Concen: 102.407 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044662.D

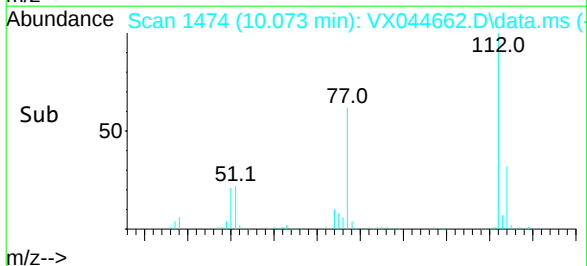
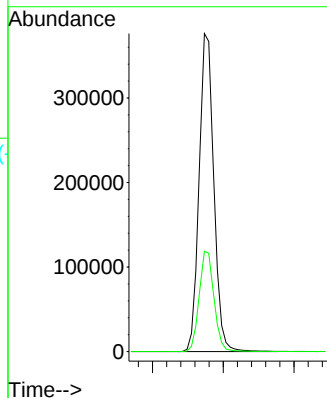
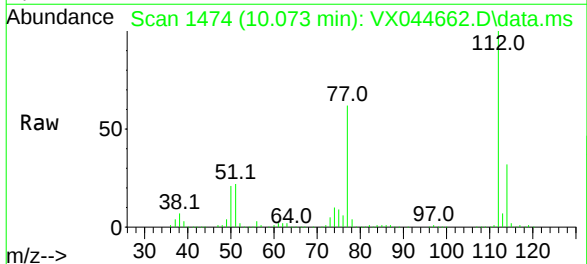
Acq: 16 Jan 2025 09:49

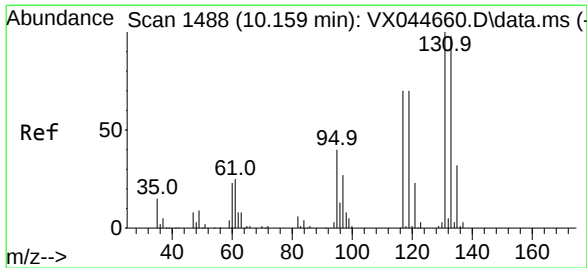
Tgt Ion:112 Resp: 543310

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3





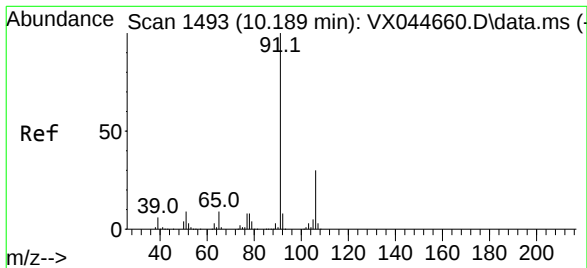
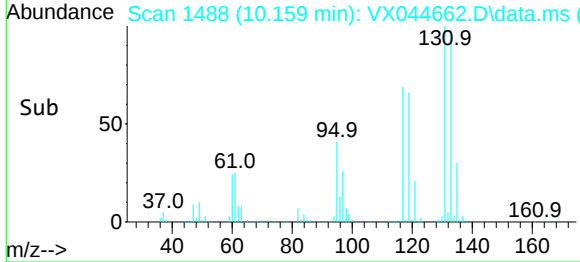
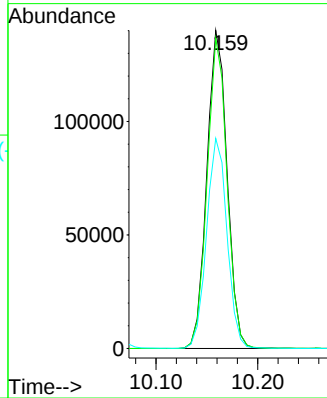
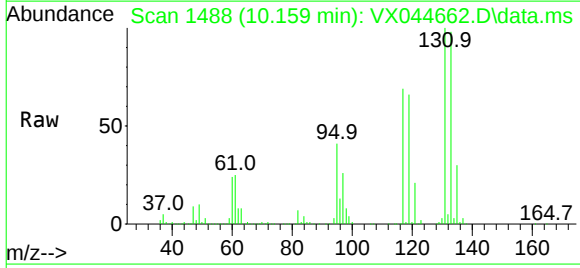
#65
1,1,1,2-Tetrachloroethane
Concen: 101.781 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 193974
Ion Ratio Lower Upper
131 100
133 95.8 0.0 192.4
119 66.7 0.0 133.4

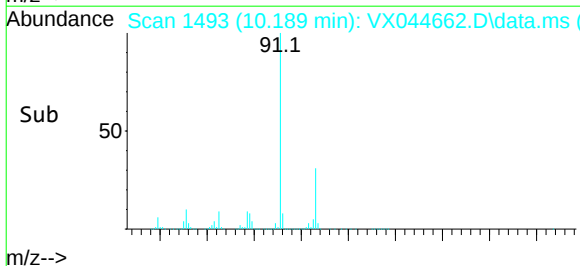
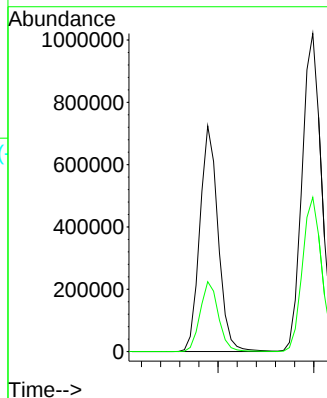
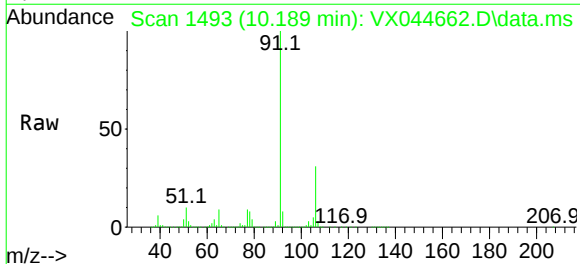
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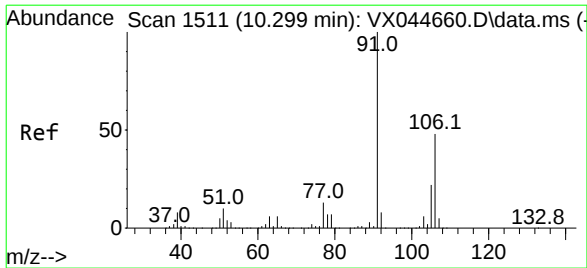
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 103.326 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 963283
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





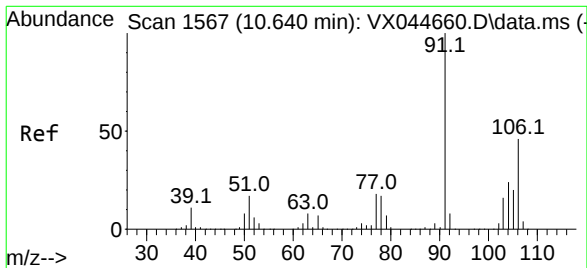
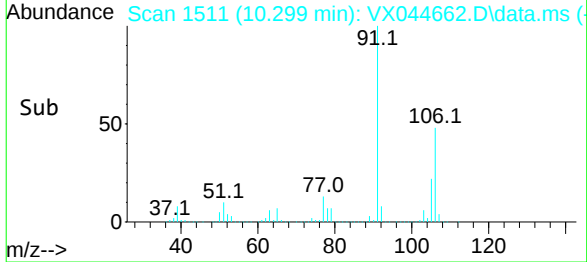
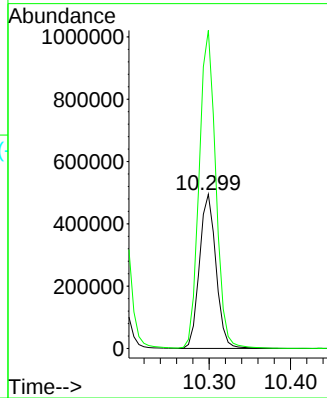
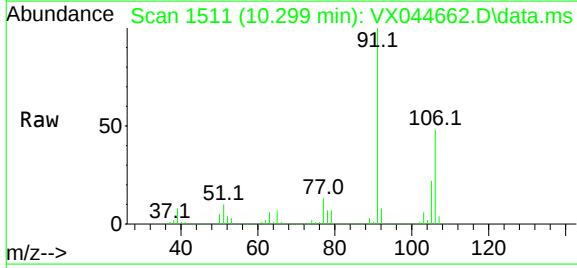
#67
m/p-Xylenes
Concen: 203.888 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 698697
Ion Ratio Lower Upper
106 100
91 207.1 166.8 250.2

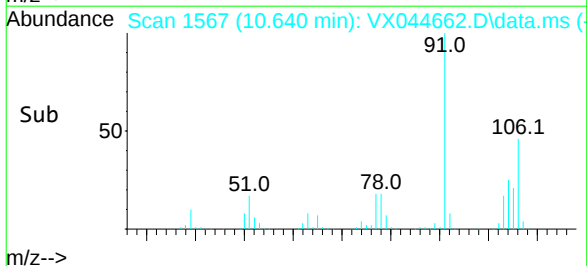
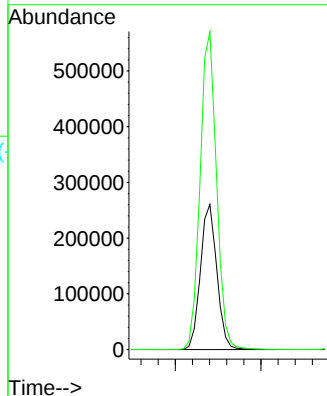
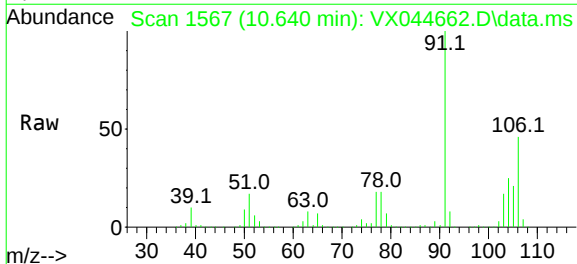
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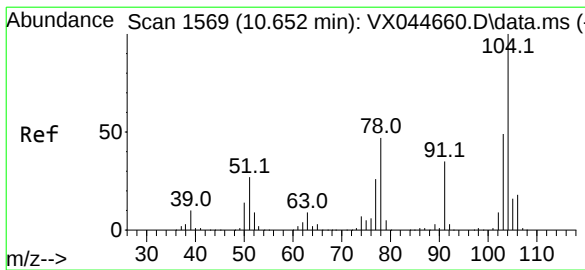
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#68
o-Xylene
Concen: 100.645 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:106 Resp: 346159
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.1





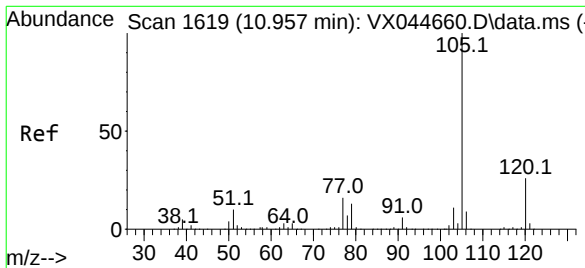
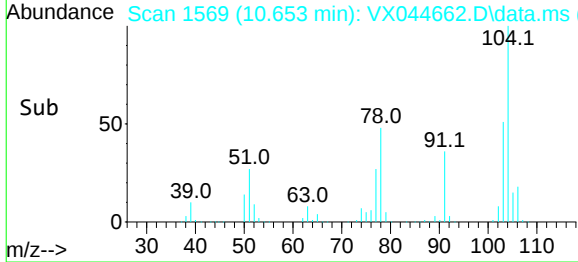
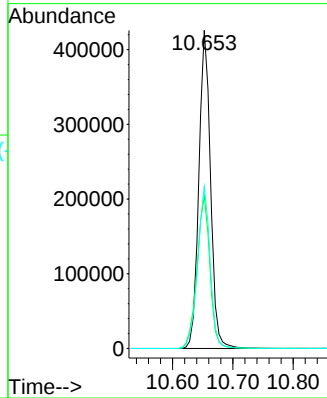
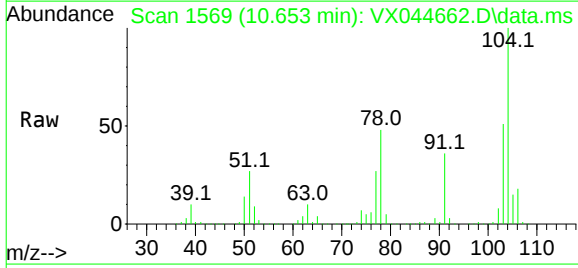
#69
Styrene
Concen: 101.207 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:104 Resp: 571513
Ion Ratio Lower Upper
104 100
78 53.5 42.0 63.0
103 54.8 43.1 64.7

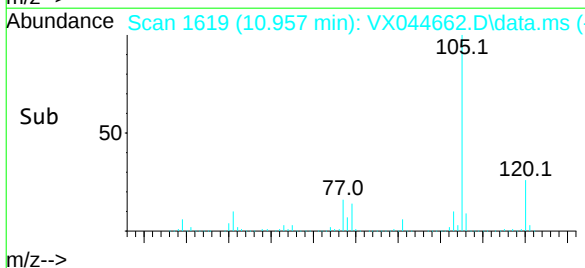
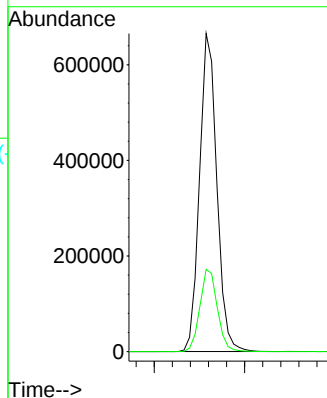
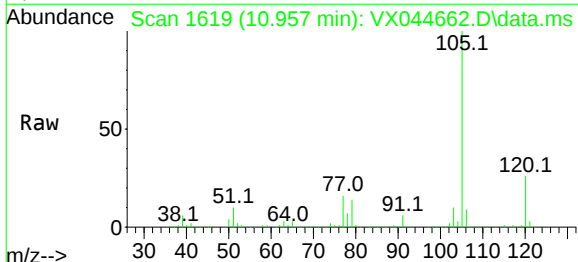
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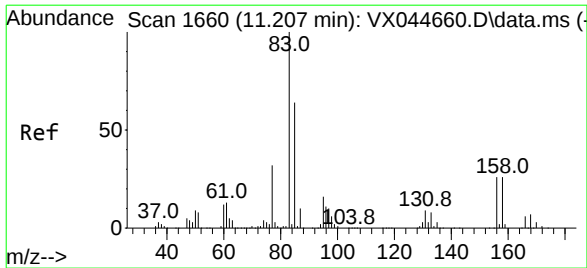
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#70
Isopropylbenzene
Concen: 102.087 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:105 Resp: 882679
Ion Ratio Lower Upper
105 100
120 26.2 18.6 34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 99.668 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 290188

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

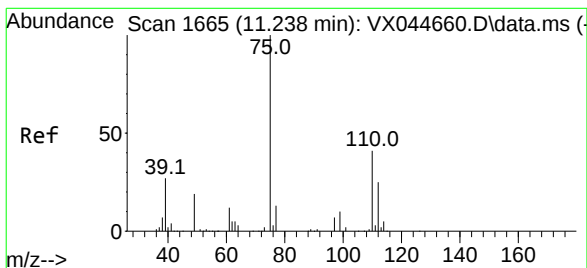
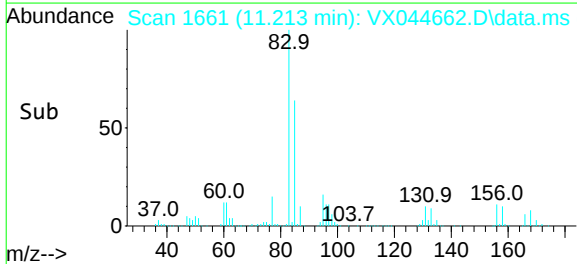
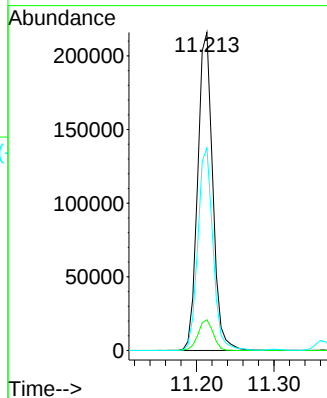
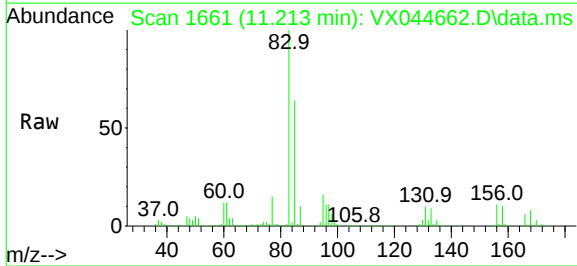
85 63.9 33.0 99.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#72

1,2,3-Trichloropropane

Concen: 101.490 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044662.D

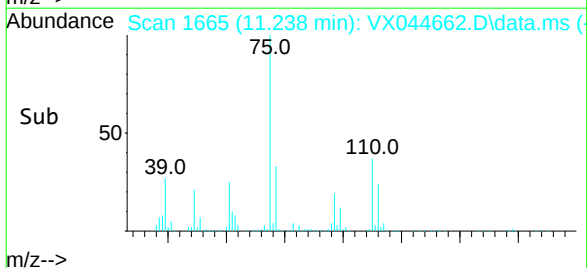
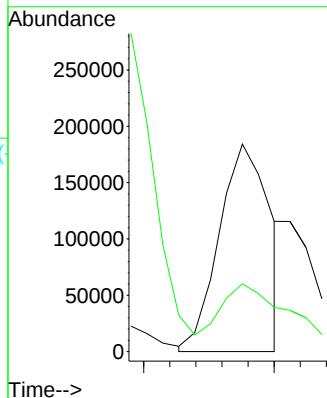
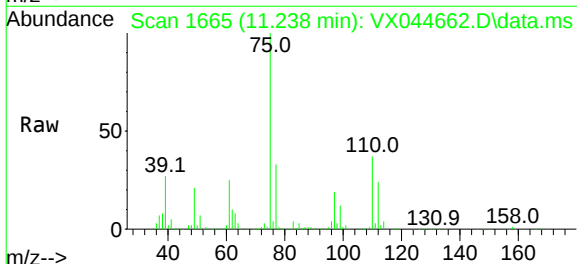
Acq: 16 Jan 2025 09:49

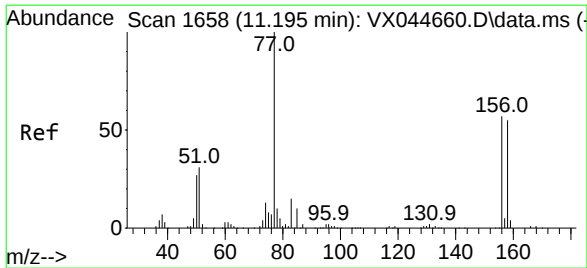
Tgt Ion: 75 Resp: 248182

Ion Ratio Lower Upper

75 100

77 45.9 0.0 83.0





#73

Bromobenzene

Concen: 100.912 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 203263

Ion Ratio Lower Upper

156 100

77 181.5 0.0 354.6

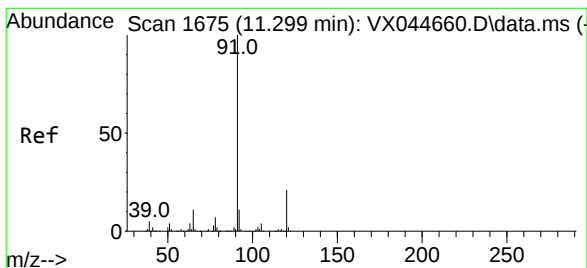
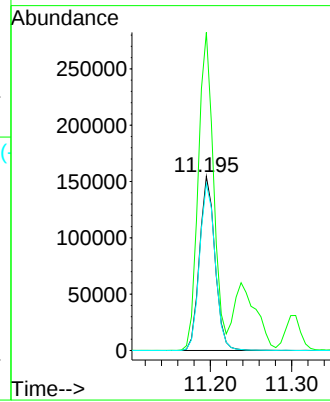
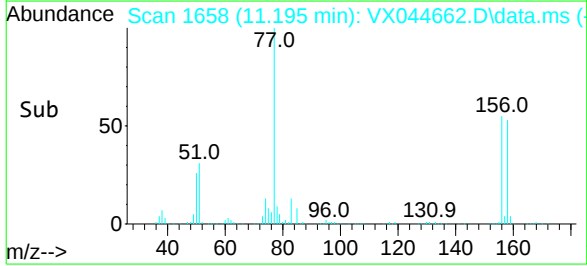
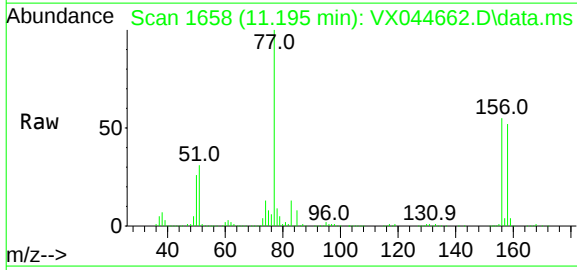
158 97.2 0.0 193.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#74

n-propylbenzene

Concen: 104.320 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044662.D

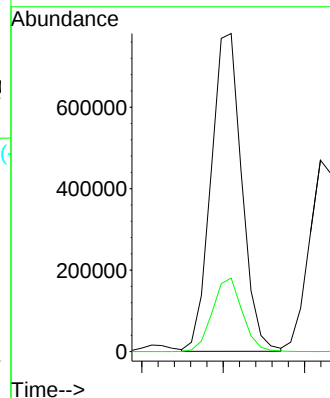
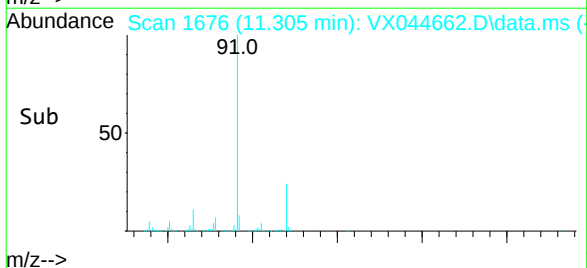
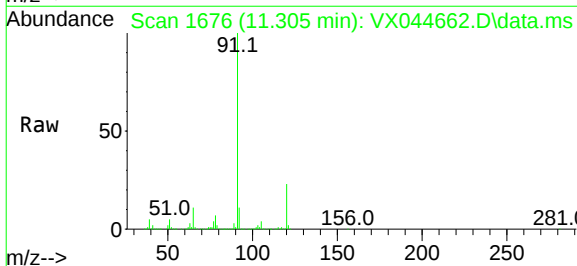
Acq: 16 Jan 2025 09:49

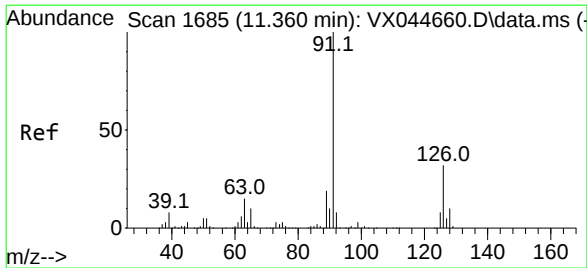
Tgt Ion: 91 Resp: 1025231

Ion Ratio Lower Upper

91 100

120 22.5 0.0 45.0





#75

2-Chlorotoluene

Concen: 100.627 ug/l

RT: 11.360 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 621611

Ion Ratio Lower Upper

91 100

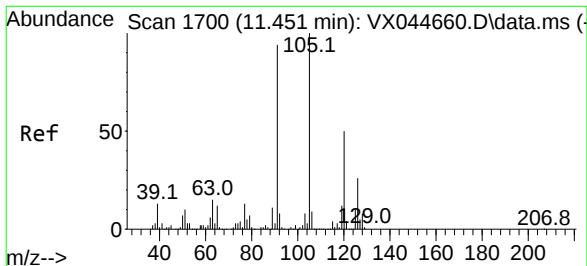
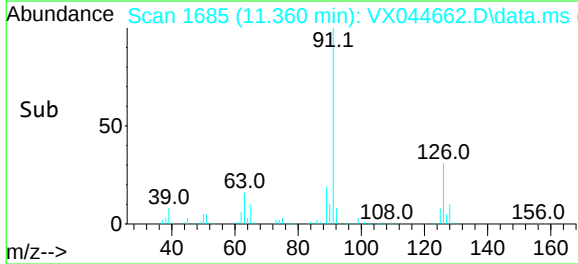
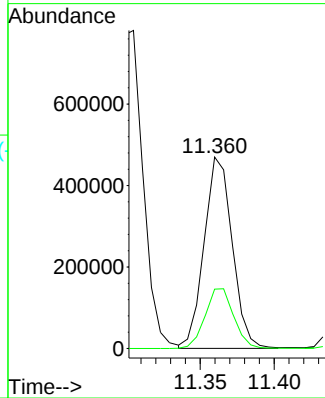
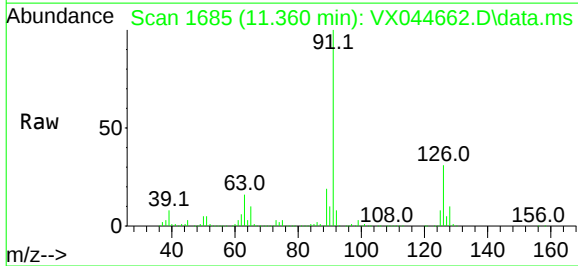
126 31.9 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#76

1,3,5-Trimethylbenzene

Concen: 100.977 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044662.D

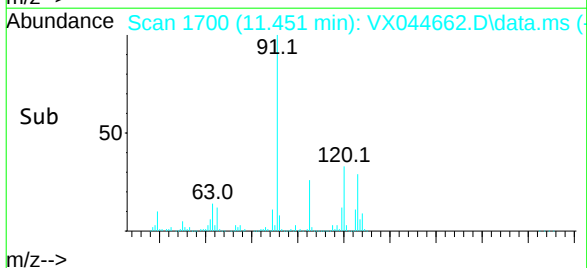
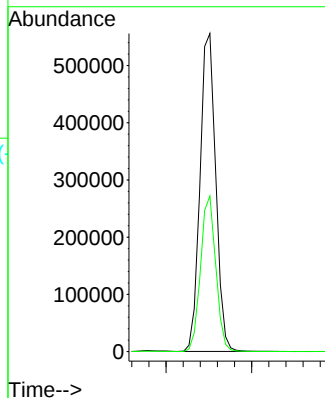
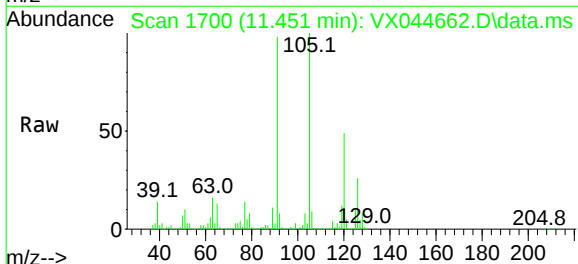
Acq: 16 Jan 2025 09:49

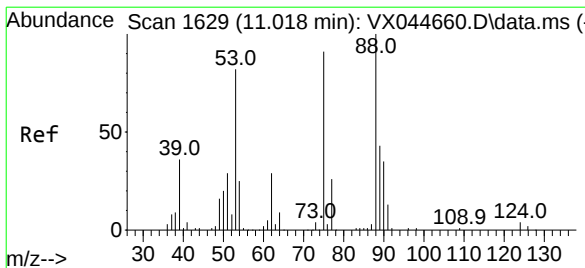
Tgt Ion:105 Resp: 709035

Ion Ratio Lower Upper

105 100

120 47.4 0.0 96.8





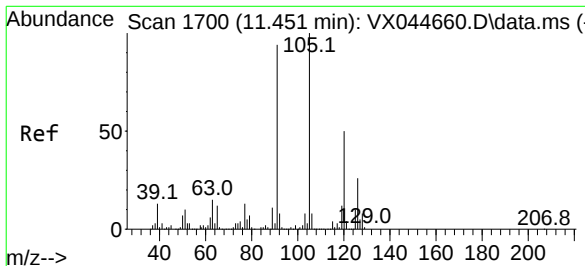
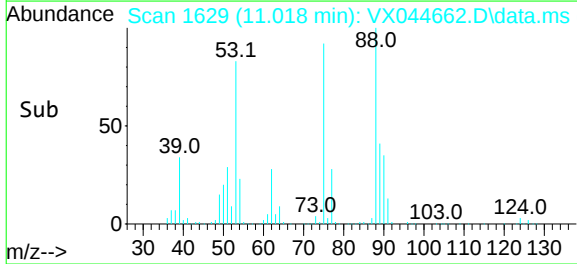
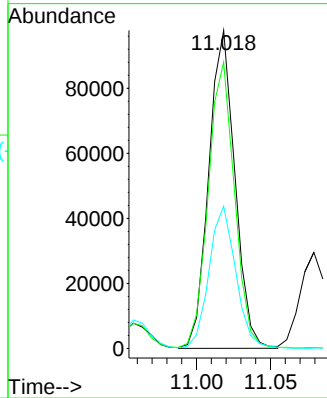
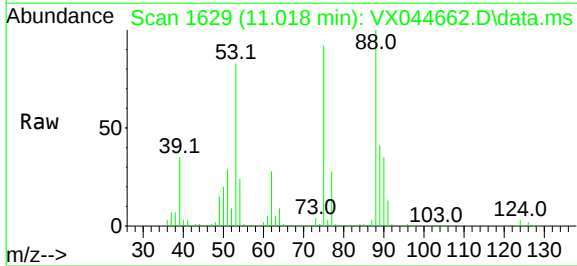
#77
t-1,4-Dichloro-2-butene
Concen: 103.824 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 120113
Ion Ratio Lower Upper
75 100
53 89.9 45.3 135.9
89 44.6 23.8 71.2

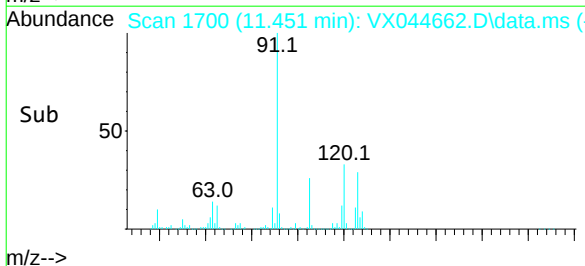
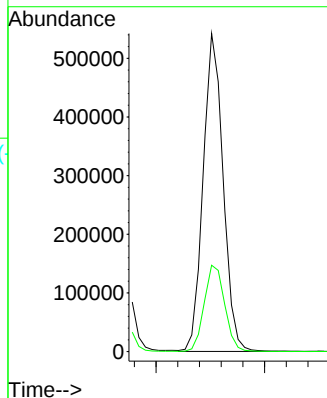
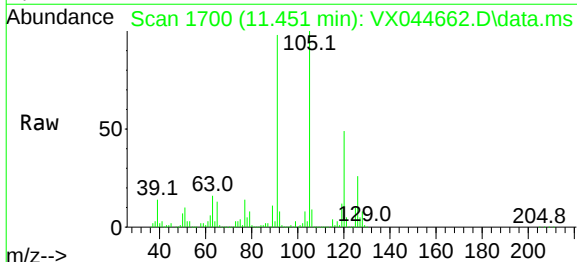
Manual Integrations
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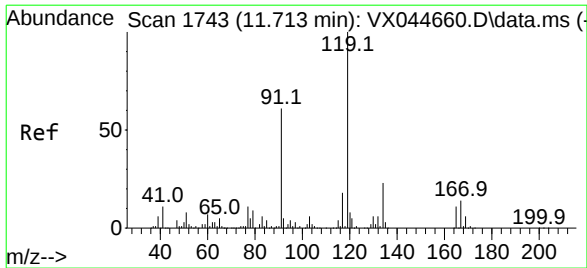
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#78
4-Chlorotoluene
Concen: 101.840 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 692856
Ion Ratio Lower Upper
91 100
126 28.0 0.0 55.4





#79

tert-butylbenzene

Concen: 100.390 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 724166

Ion Ratio Lower Upper

119 100

91 60.2 0.0 119.0

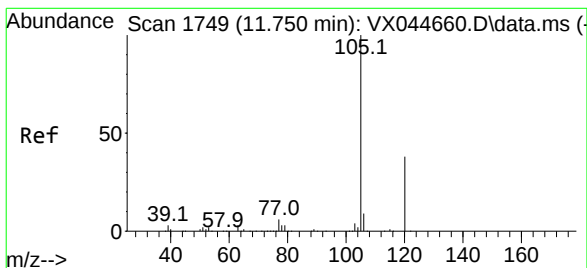
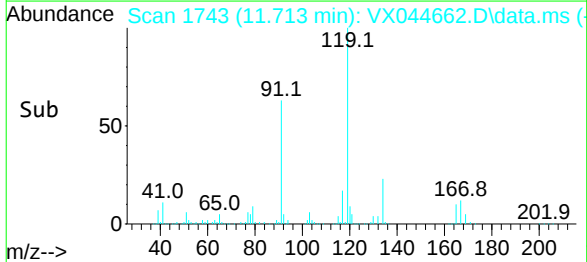
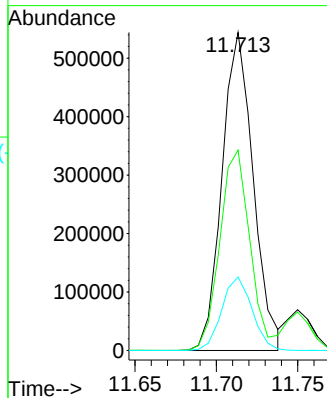
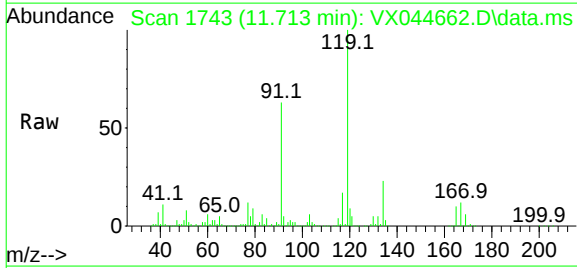
134 22.5 0.0 44.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#80

1,2,4-Trimethylbenzene

Concen: 101.327 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044662.D

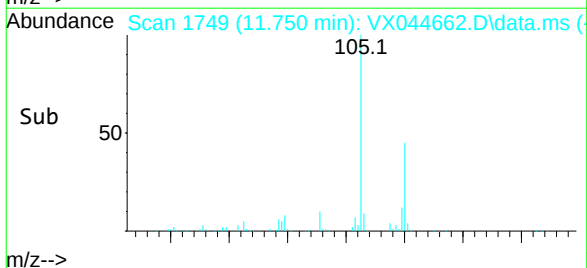
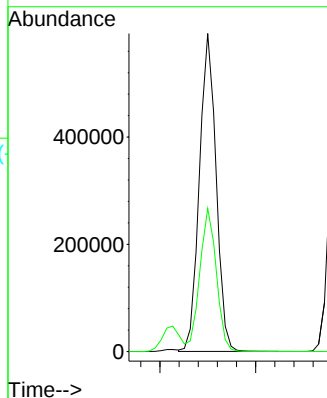
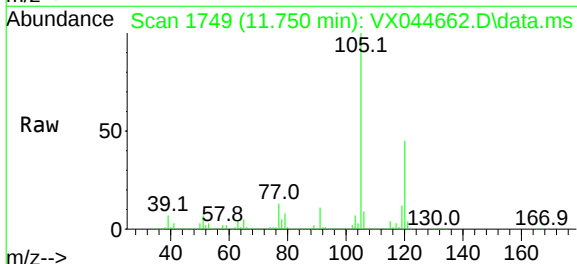
Acq: 16 Jan 2025 09:49

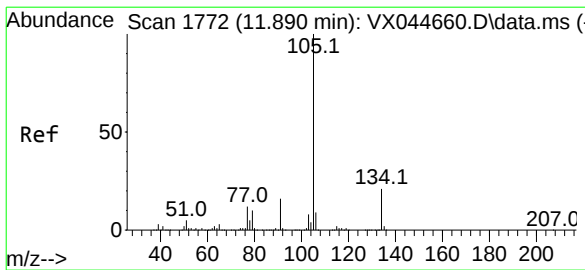
Tgt Ion:105 Resp: 717847

Ion Ratio Lower Upper

105 100

120 44.7 0.0 88.4





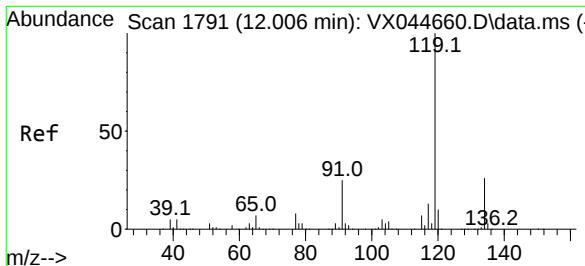
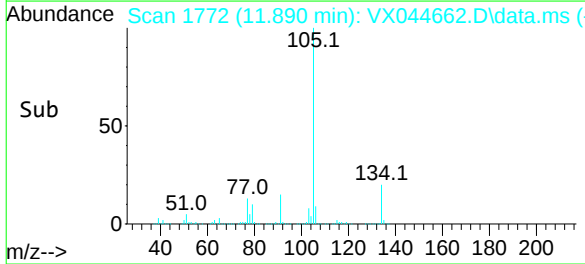
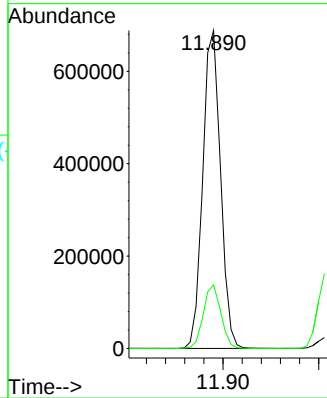
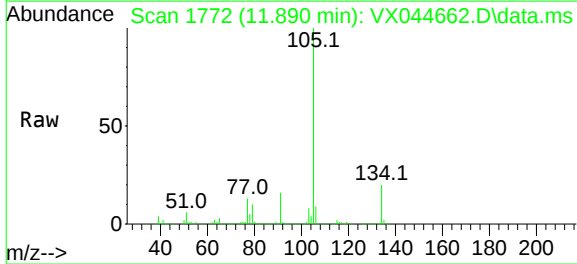
#81
sec-Butylbenzene
Concen: 102.823 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 885682
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.6

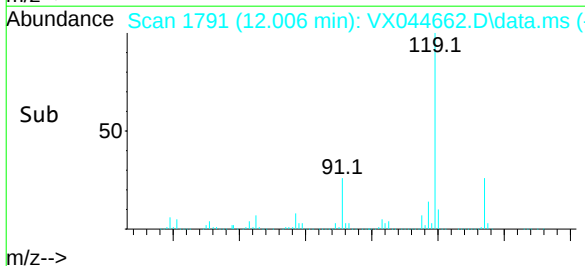
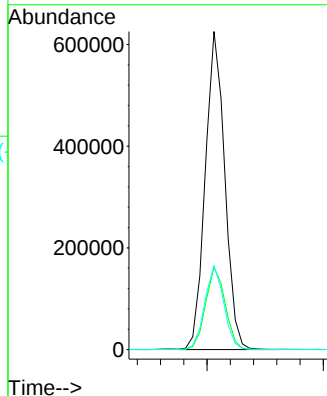
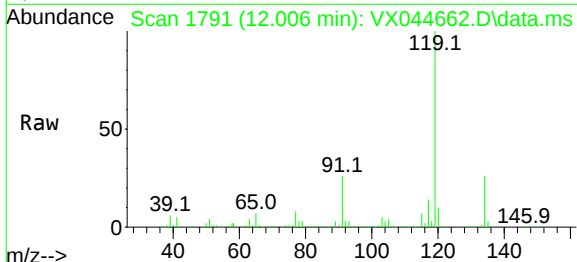
Manual Integrations
APPROVED

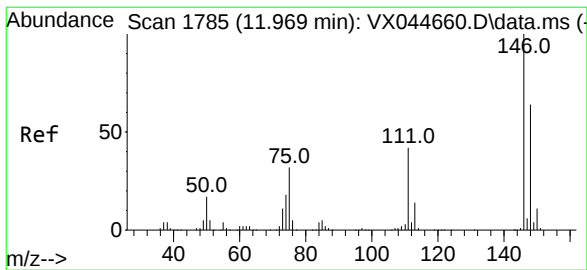
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
p-Isopropyltoluene
Concen: 103.112 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion:119 Resp: 730972
Ion Ratio Lower Upper
119 100
134 26.0 0.0 52.2
91 25.7 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 103.731 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 371118

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

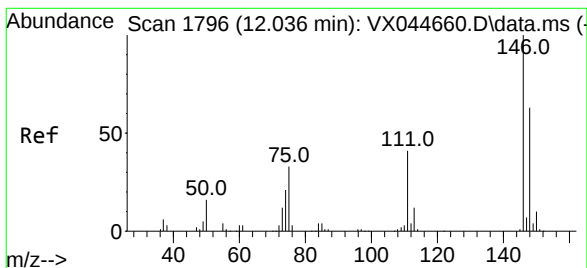
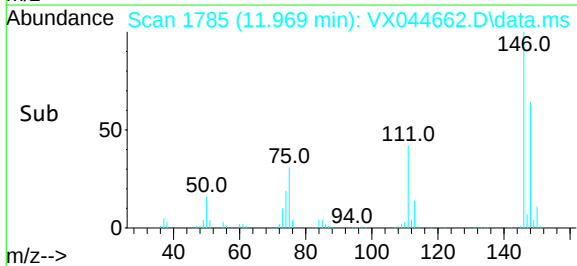
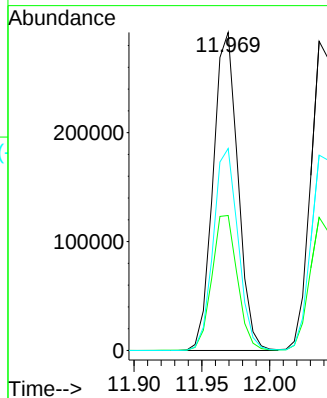
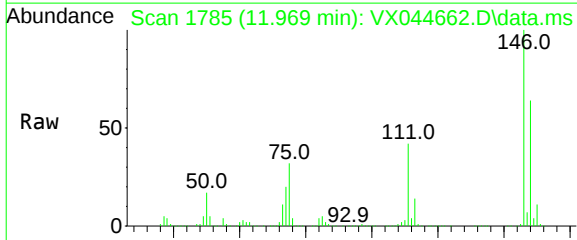
148 63.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#84

1,4-Dichlorobenzene

Concen: 103.715 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

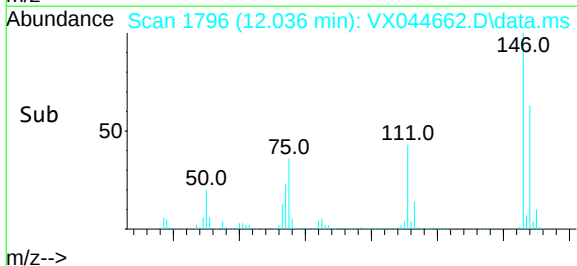
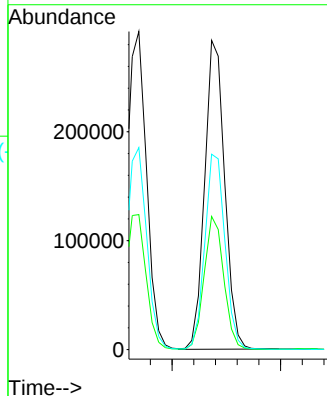
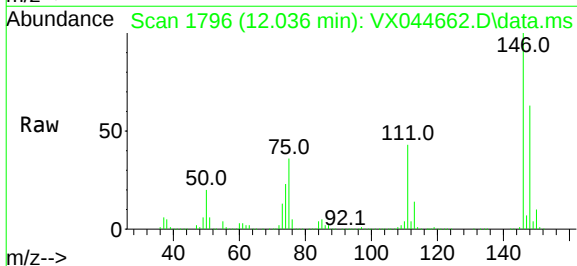
Tgt Ion:146 Resp: 363763

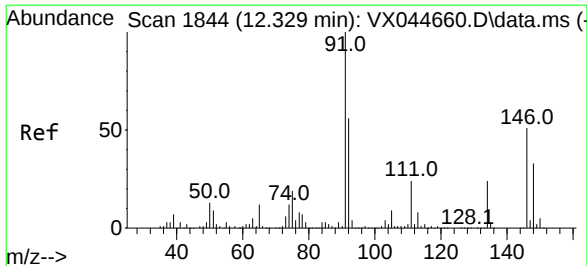
Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.5

148 64.0 32.1 96.5





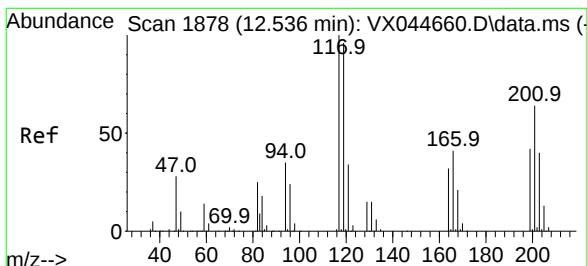
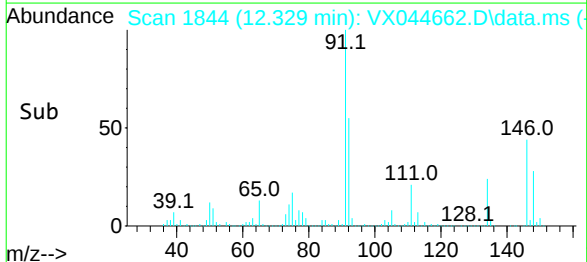
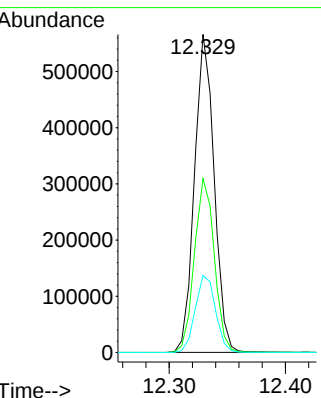
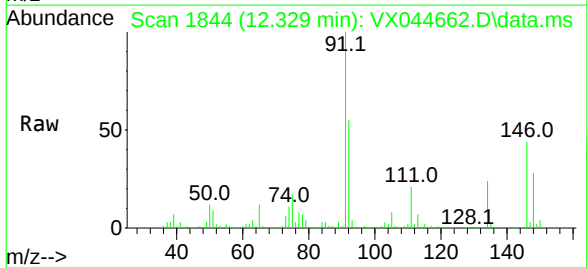
#85
n-Butylbenzene
Concen: 108.125 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 664449
Ion Ratio Lower Upper
91 100
92 55.4 0.0 109.4
134 25.1 0.0 49.2

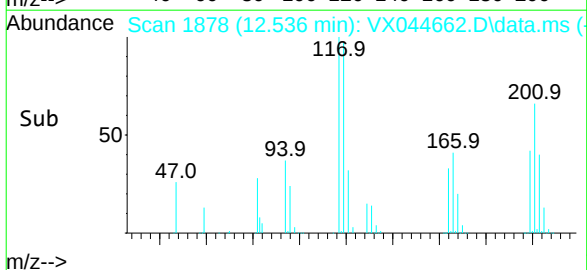
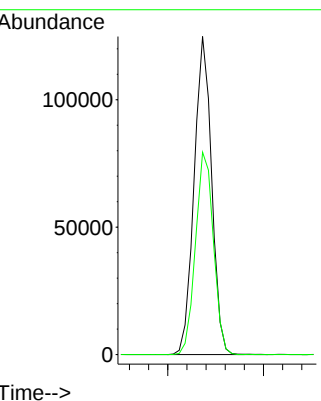
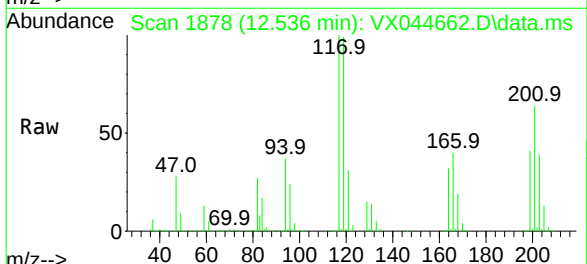
Manual Integrations
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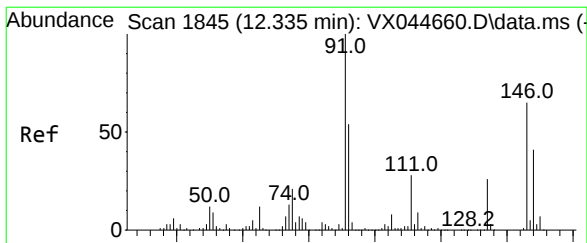
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#86
Hexachloroethane
Concen: 101.842 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

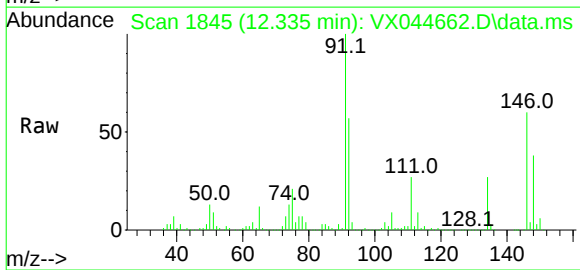
Tgt Ion:117 Resp: 158825
Ion Ratio Lower Upper
117 100
201 65.1 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 101.166 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

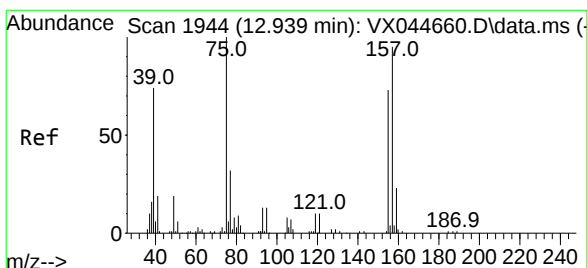
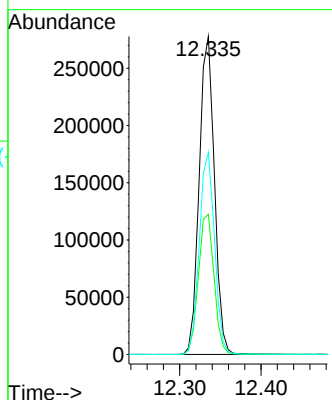
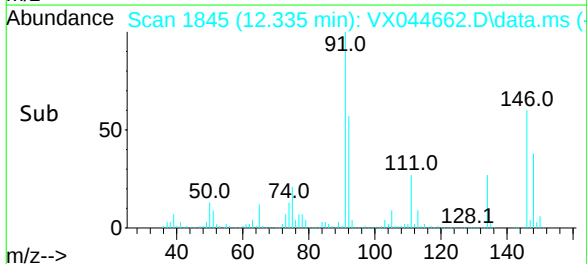
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 361432
Ion Ratio Lower Upper
146 100
111 45.3 22.2 66.6
148 63.6 32.1 96.3

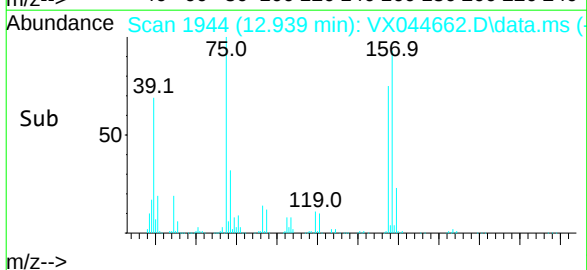
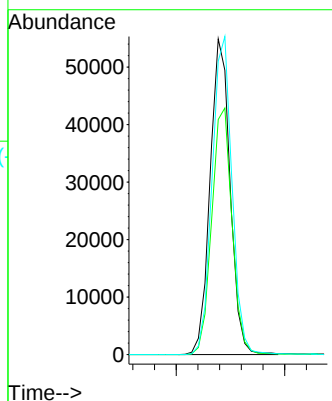
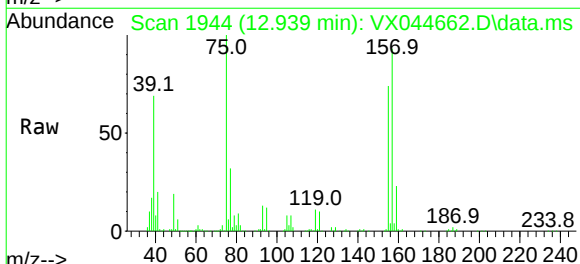
Manual Integrations
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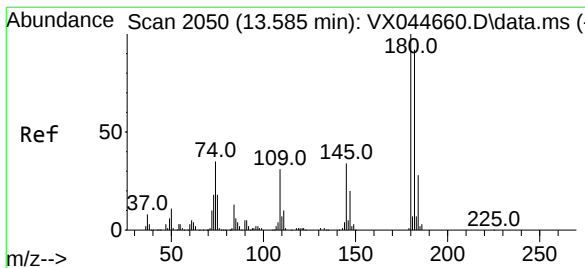
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 100.538 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044662.D
Acq: 16 Jan 2025 09:49

Tgt Ion: 75 Resp: 70386
Ion Ratio Lower Upper
75 100
155 78.9 62.3 93.5
157 100.3 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 109.487 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 243086

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

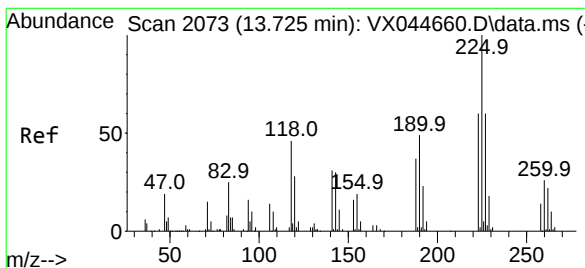
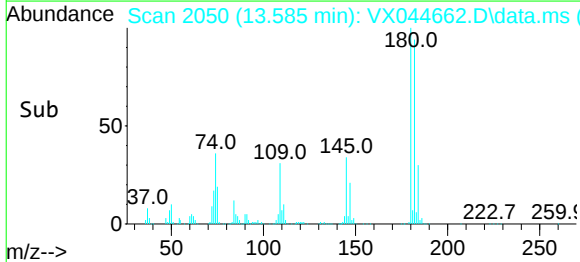
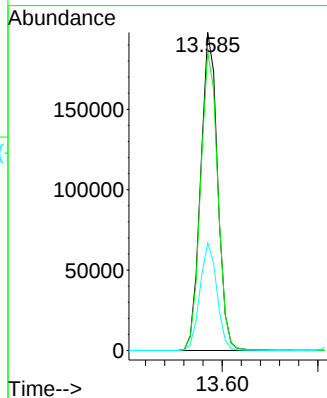
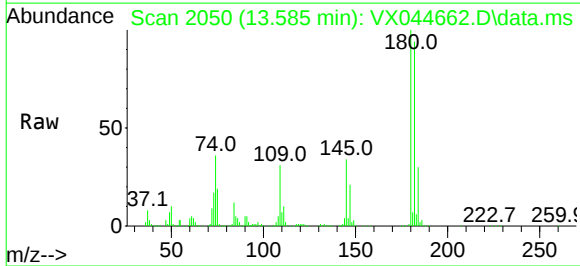
145 33.8 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#90

Hexachlorobutadiene

Concen: 104.321 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

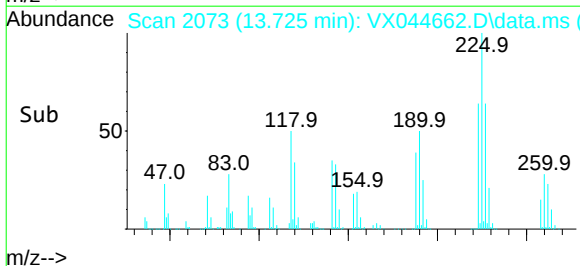
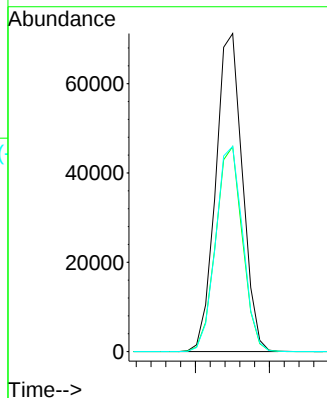
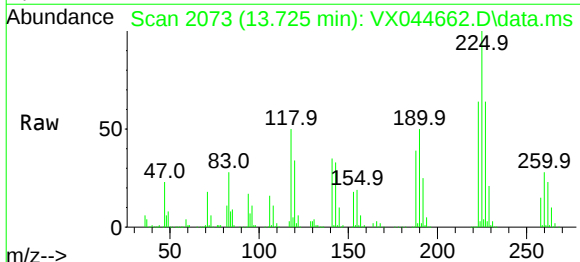
Tgt Ion:225 Resp: 89590

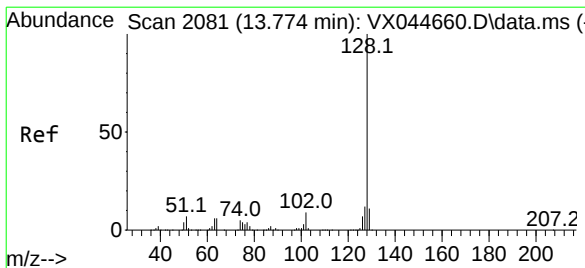
Ion Ratio Lower Upper

225 100

223 64.3 0.0 123.0

227 65.1 0.0 124.2





#91

Naphthalene

Concen: 105.089 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA_X

ClientSampleId :

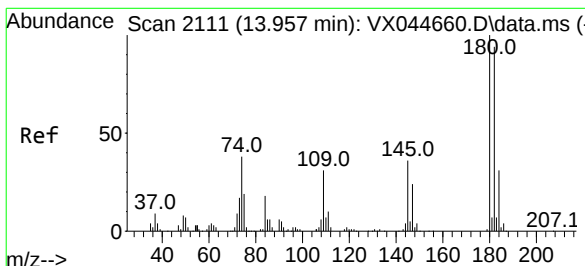
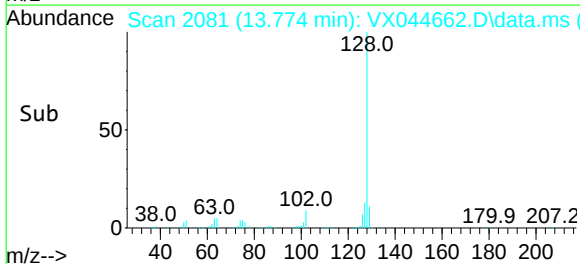
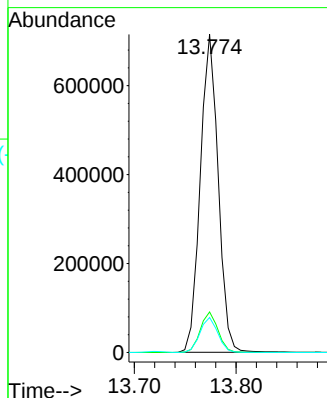
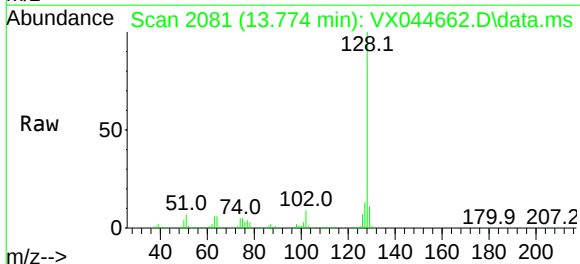
VSTDIC100

Tgt Ion:	128	Resp:	872913
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#92

1,2,3-Trichlorobenzene

Concen: 106.185 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Tgt Ion:	180	Resp:	239785
Ion	Ratio	Lower	Upper
180	100		
182	94.9	0.0	187.8
145	36.1	0.0	69.8

