

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044709.D
 Acq On : 23 Jan 2025 15:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jan 24 03:16:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

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

Internal Standards						
1) Bromochloromethane	4.885	128	29215	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	163040	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	145037	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	75740	26.854	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.500%#		
60) 4-Bromofluorobenzene	11.079	95	82275	29.206	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.367%		
63) Toluene-d8	8.640	98	239205	30.323	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.067%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49713	19.139	ug/l	97
3) Chloromethane	1.294	50	58061	21.249	ug/l	98
4) Vinyl Chloride	1.373	62	57711	21.587	ug/l	98
5) Bromomethane	1.599	94	12862	19.906	ug/l	98
6) Chloroethane	1.666	64	11410m	26.917	ug/l	
7) Trichlorofluoromethane	1.873	101	58604	20.016	ug/l	98
8) Diethyl Ether	2.129	74	19310	17.096	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	44948	21.429	ug/l	98
10) 1,1-Dichloroethene	2.312	96	45115	20.907	ug/l	96
11) Methyl Iodide	2.446	142	53177	17.783	ug/l	97
12) Methyl Acetate	2.696	43	60589	19.232	ug/l	93
13) Acrolein	2.233	56	48977	140.577	ug/l	96
14) Acrylonitrile	3.056	53	114757	99.964	ug/l	99
15) Acetone	2.379	58	28726	93.254	ug/l	96
16) Carbon Disulfide	2.501	76	124457	20.753	ug/l	100
17) Allyl chloride	2.654	41	81403	20.918	ug/l	97
18) Methylene Chloride	2.782	84	49609	20.542	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	45278	21.101	ug/l	94
20) Diisopropyl ether	3.751	45	153504	21.732	ug/l	95
21) 1,1-Dichloroethane	3.599	63	87017	20.767	ug/l	100
22) cis-1,2-Dichloroethene	4.477	96	53974	20.323	ug/l	98
23) tert-Butyl Alcohol	2.965	59	49834m	89.751	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	146291	19.566	ug/l	98
25) Chloroform	5.080	83	84823	20.373	ug/l	99
26) Cyclohexane	5.458	56	79713	22.635	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	58676	20.691	ug/l	97
30) 2-Butanone	4.550	43	147003	94.365	ug/l	99
31) 2,2-Dichloropropane	4.464	77	73159	18.643	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	72494	19.290	ug/l	98
33) Carbon Tetrachloride	5.665	117	60917	19.215	ug/l	98
34) Benzene	6.025	78	191098	21.121	ug/l	99
35) Methacrylonitrile	4.909	41	32935	18.917	ug/l	99
36) 1,2-Dichloroethane	6.074	62	60197	18.609	ug/l	98
37) Trichloroethene	7.116	130	44448	20.347	ug/l	99
38) Methylcyclohexane	7.372	83	80719	20.949	ug/l	99
39) 1,2-Dichloropropane	7.421	63	47172	20.908	ug/l	98
40) Dibromomethane	7.574	93	31969	19.059	ug/l	99
41) Bromodichloromethane	7.811	83	66106	19.087	ug/l	98
42) Vinyl Acetate	3.708	43	632901	102.301	ug/l	99

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Instrument :
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 ClientSampleId :
 VSTDCCC020EC

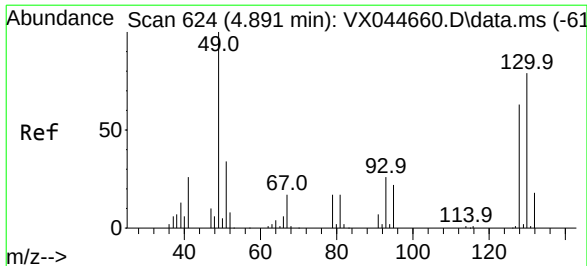
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 24 03:16:52 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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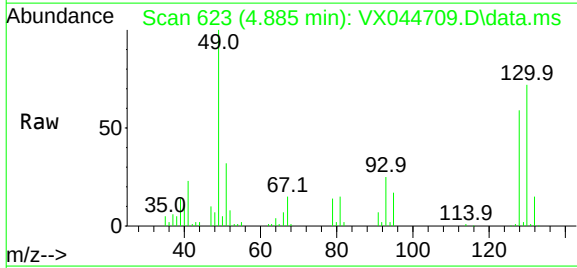
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	58957	19.293	ug/l	# 97
44) Isopropyl Acetate	6.330	43	104094	18.961	ug/l	98
45) 1,4-Dioxane	7.671	88	18965	362.786	ug/l	98
46) Methyl methacrylate	7.689	41	49561	18.443	ug/l	97
47) n-amyl Acetate	10.841	43	89780	19.487	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	70477	19.279	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	77425	19.752	ug/l	98
50) 1,1,2-Trichloroethane	9.146	97	44812	20.744	ug/l	98
51) Ethyl methacrylate	9.110	69	74923	19.965	ug/l	99
52) 1,3-Dichloropropane	9.305	76	76846	20.568	ug/l	99
53) Dibromochloromethane	9.518	129	50548	19.582	ug/l	99
54) 1,2-Dibromoethane	9.604	107	45285	19.830	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	173747	95.419	ug/l	98
56) Bromoform	10.799	173	31690	18.514	ug/l	100
58) 4-Methyl-2-Pentanone	8.567	43	297245	97.229	ug/l	99
59) 2-Hexanone	9.427	43	214597	95.881	ug/l	99
61) Tetrachloroethene	9.268	164	35752	20.550	ug/l	99
62) Toluene	8.714	91	198013	20.734	ug/l	99
64) Chlorobenzene	10.073	112	124112	20.925	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.158	131	42086	19.753	ug/l	99
66) Ethyl Benzene	10.189	91	216447	20.768	ug/l	99
67) m/p-Xylenes	10.299	106	163801	42.756	ug/l	98
68) o-Xylene	10.640	106	80909	21.042	ug/l	98
69) Styrene	10.652	104	133360	21.125	ug/l	99
70) Isopropylbenzene	10.957	105	207325	21.448	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	65144	20.047	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	53884m	19.710	ug/l	
73) Bromobenzene	11.195	156	46879	20.818	ug/l	98
74) n-propylbenzene	11.298	91	240569	21.911	ug/l	99
75) 2-Chlorotoluene	11.359	91	147340	21.346	ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	170345	21.700	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	22866	17.680	ug/l	96
78) 4-Chlorotoluene	11.451	91	162145	21.319	ug/l	99
79) tert-butylbenzene	11.713	119	173178	21.474	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	170921	21.581	ug/l	100
81) sec-Butylbenzene	11.890	105	212187	22.035	ug/l	98
82) p-Isopropyltoluene	12.006	119	172695	21.790	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	84559	21.141	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	83787	21.369	ug/l	98
85) n-Butylbenzene	12.329	91	150767	21.946	ug/l	100
86) Hexachloroethane	12.536	117	34560	19.823	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	83685	20.952	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12555	16.041	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	50890	20.503	ug/l	99
90) Hexachlorobutadiene	13.725	225	20045	20.878	ug/l	96
91) Naphthalene	13.774	128	182443	19.647	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	51543	20.417	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

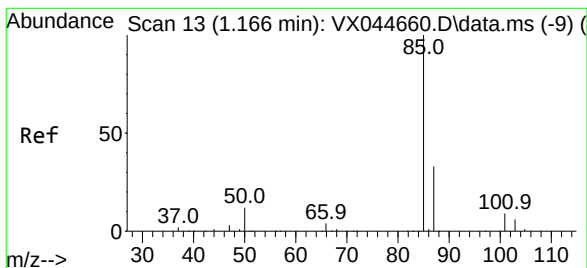
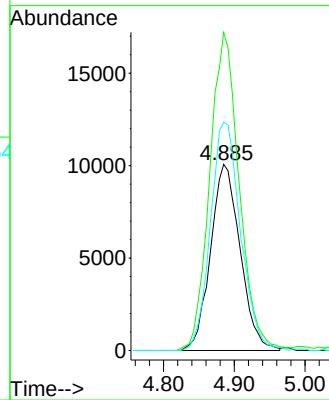
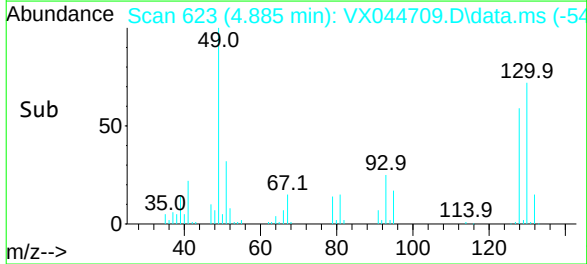
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 29215
Ion Ratio Lower Upper
128 100
49 170.0 0.0 411.5
130 125.2 0.0 324.3

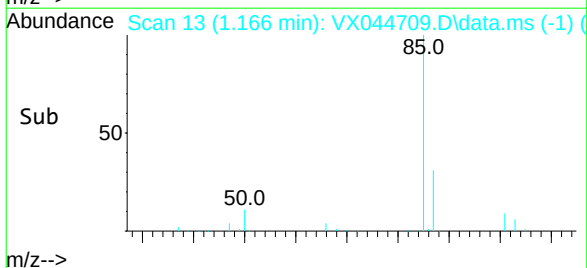
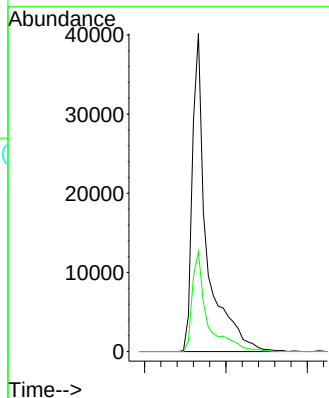
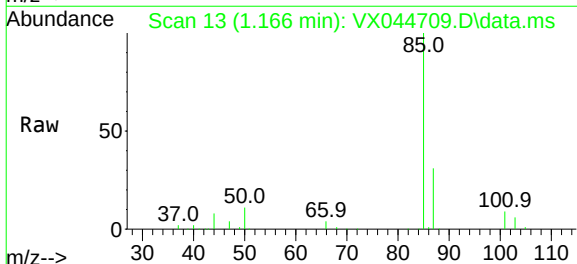
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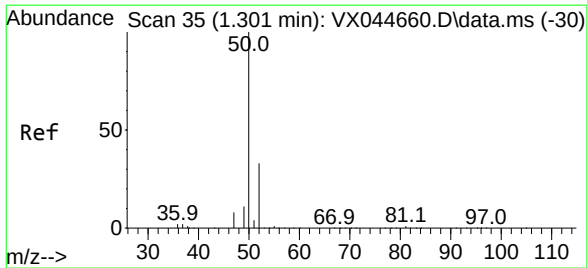
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#2
Dichlorodifluoromethane
Concen: 19.139 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 85 Resp: 49713
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.8





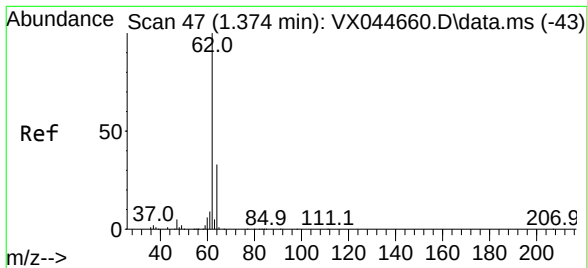
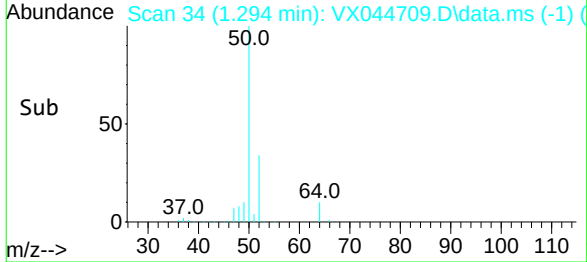
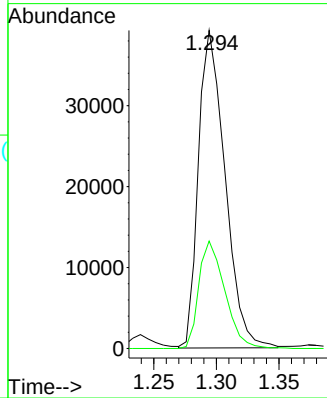
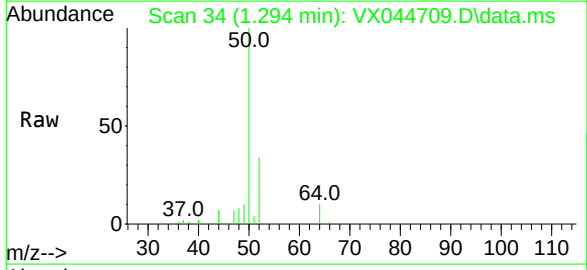
#3
Chloromethane
Concen: 21.249 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 58061
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

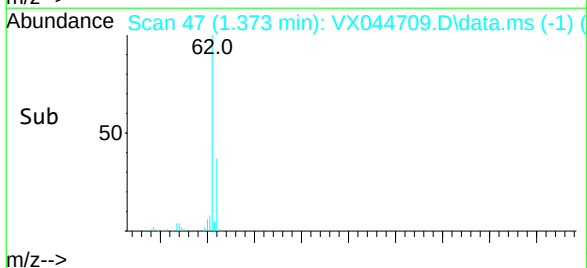
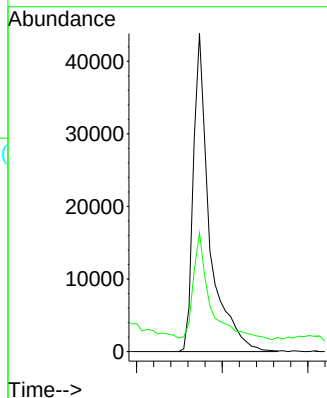
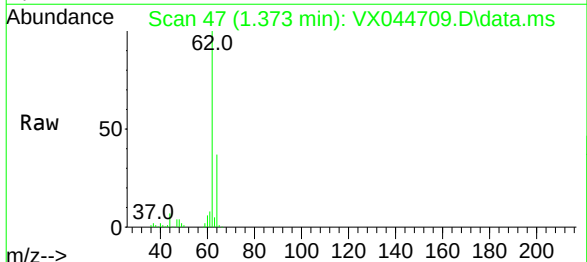
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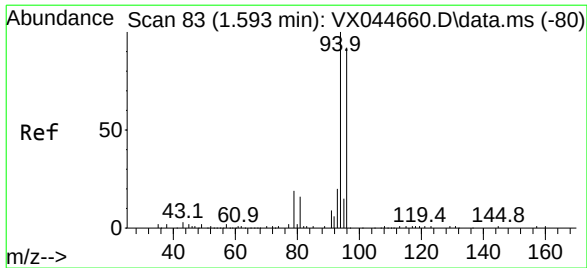
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#4
Vinyl Chloride
Concen: 21.587 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 62 Resp: 57711
Ion Ratio Lower Upper
62 100
64 33.0 27.3 40.9





#5

Bromomethane

Concen: 19.906 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 12862

Ion Ratio Lower Upper

94 100

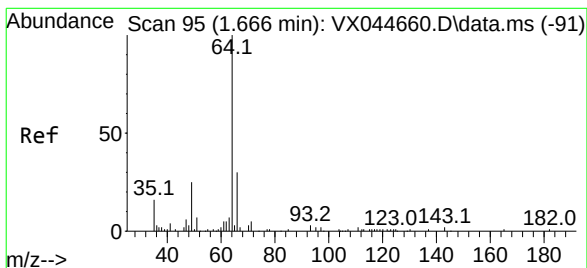
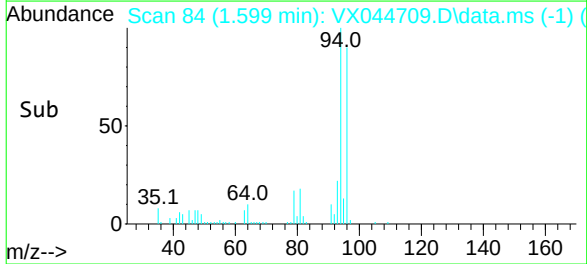
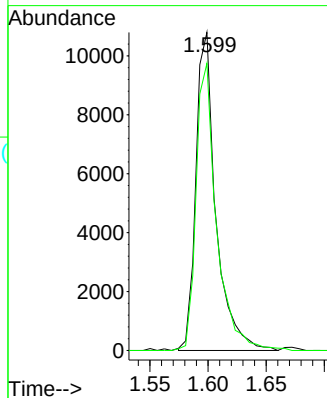
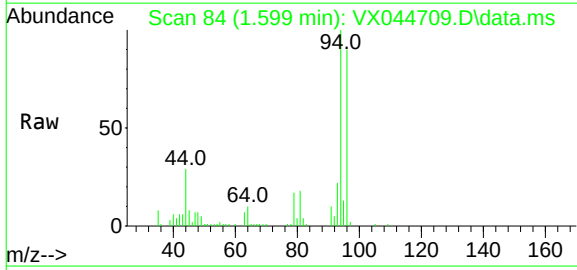
96 89.7 73.3 109.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/24/2025



#6

Chloroethane

Concen: 26.917 ug/l m

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044709.D

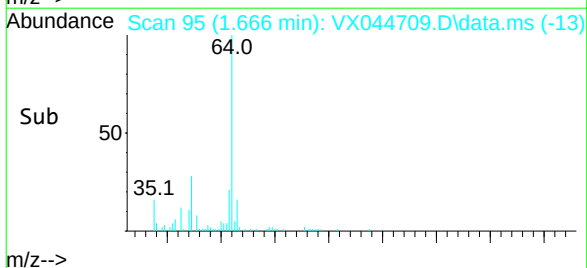
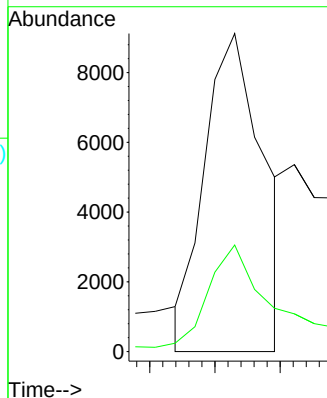
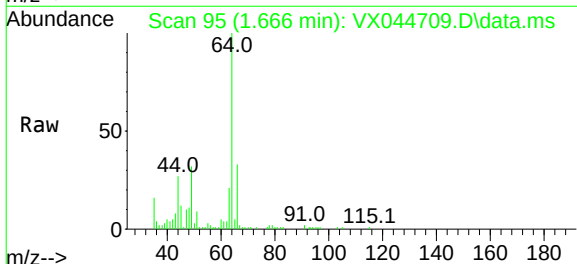
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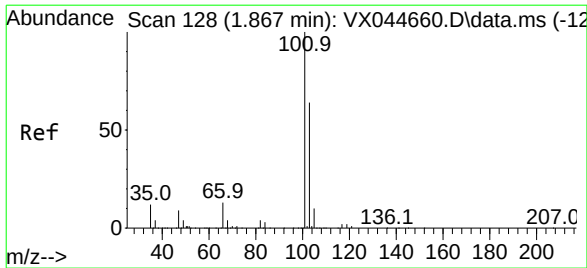
Tgt Ion: 64 Resp: 11410

Ion Ratio Lower Upper

64 100

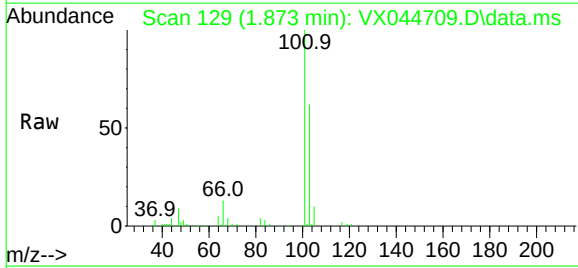
66 33.5 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 20.016 ug/l
 RT: 1.873 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044709.D
 Acq: 23 Jan 2025 15:45

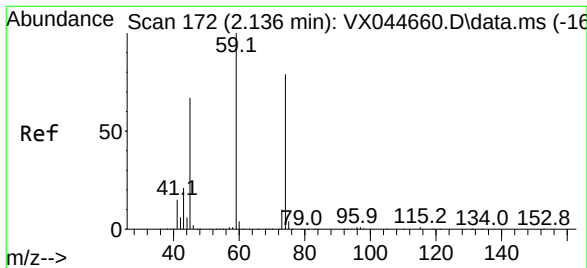
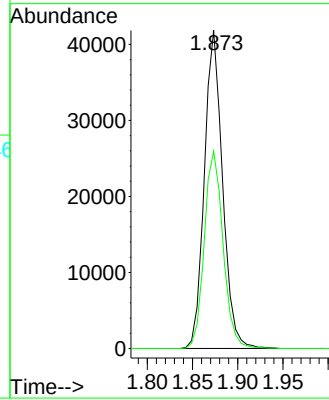
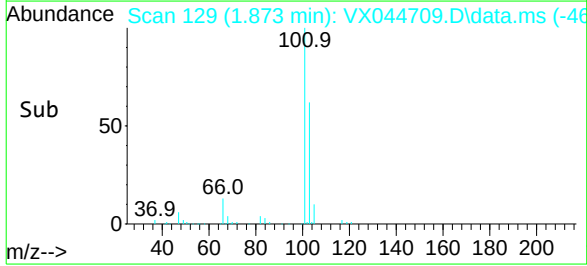
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 101 Resp: 58604
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.1 76.7

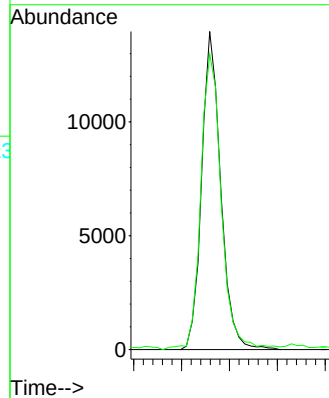
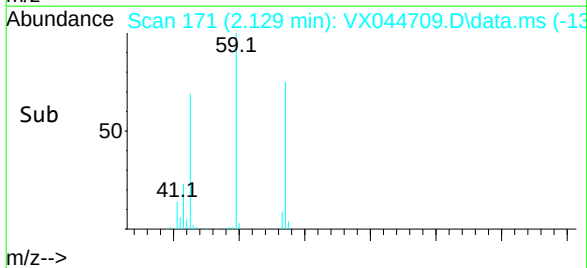
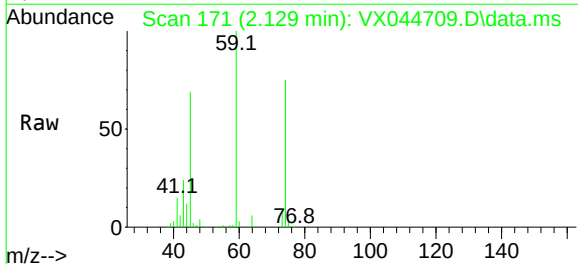
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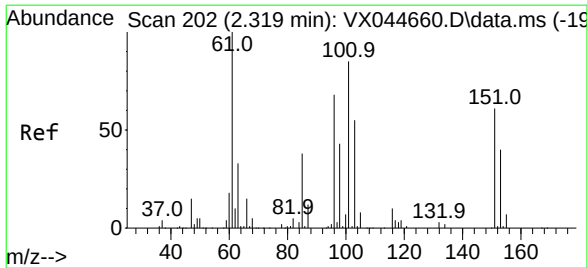
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#8
 Diethyl Ether
 Concen: 17.096 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044709.D
 Acq: 23 Jan 2025 15:45

Tgt Ion: 74 Resp: 19310
 Ion Ratio Lower Upper
 74 100
 45 98.3 18.8 168.8





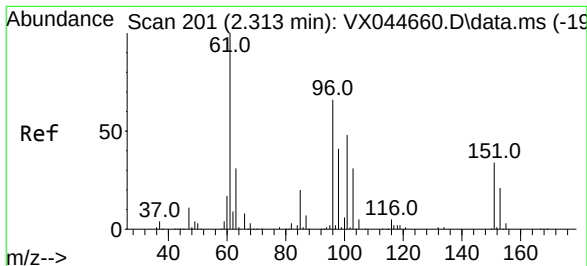
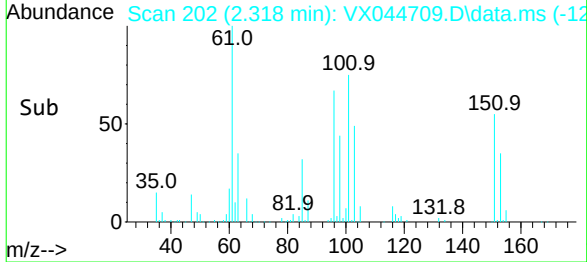
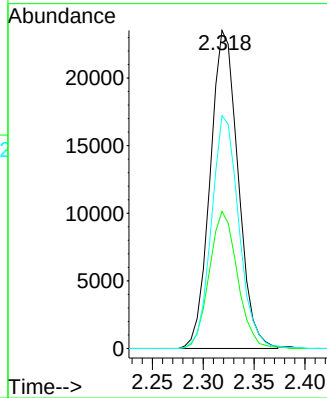
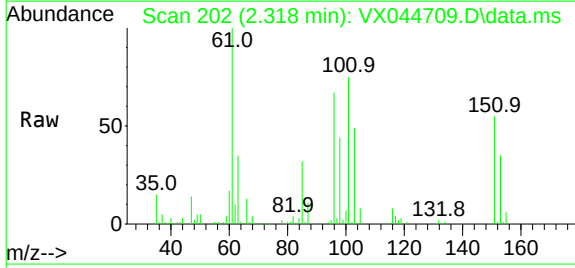
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.429 ug/l
RT: 2.318 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 44948
Ion Ratio Lower Upper
101 100
85 43.4 0.0 88.0
151 71.8 0.0 147.0

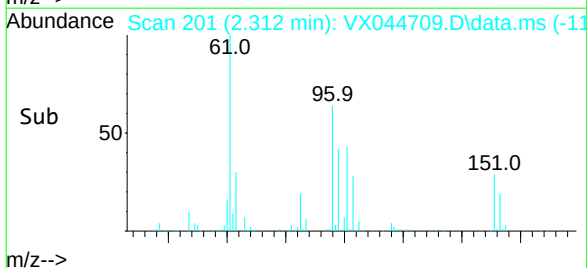
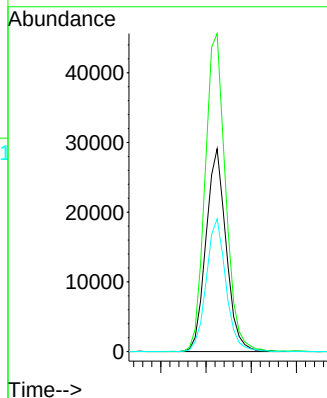
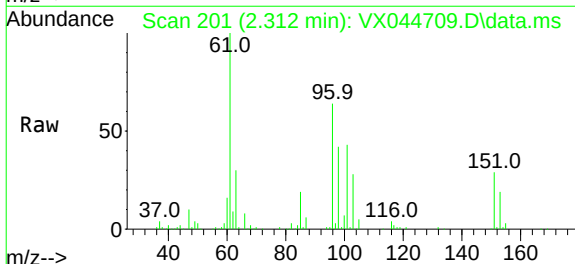
Manual Integrations
APPROVED

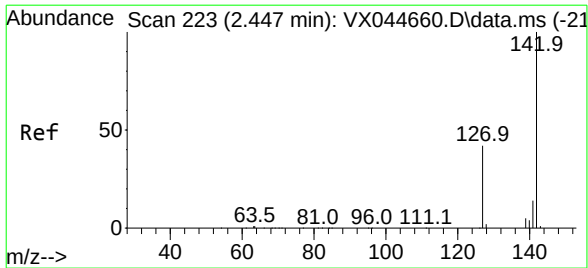
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#10
1,1-Dichloroethene
Concen: 20.907 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

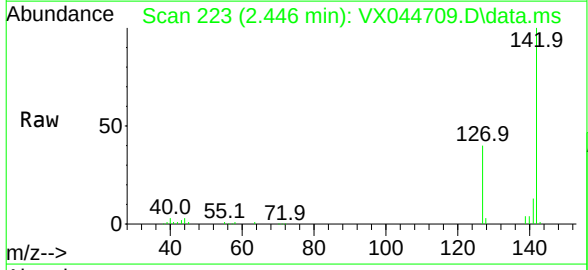
Tgt Ion: 96 Resp: 45115
Ion Ratio Lower Upper
96 100
61 156.8 121.6 182.4
98 65.4 50.3 75.5





#11
Methyl Iodide
Concen: 17.783 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

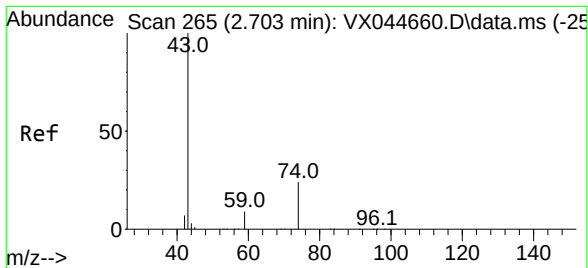
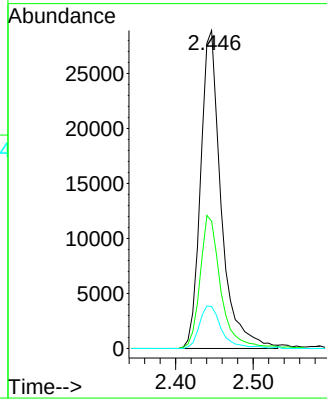
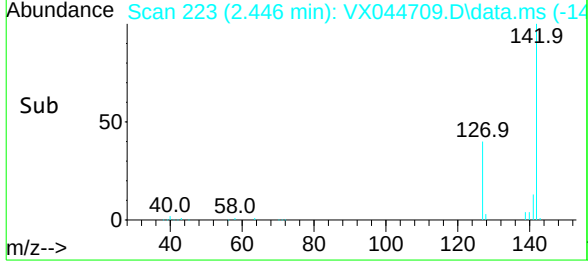
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 53177
Ion Ratio Lower Upper
142 100
127 39.9 20.8 62.4
141 13.0 7.0 20.9

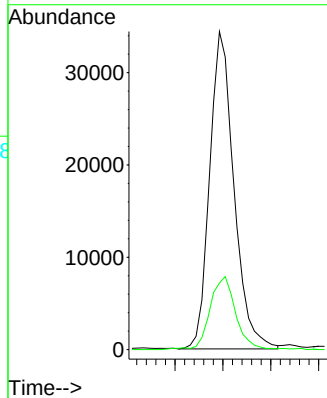
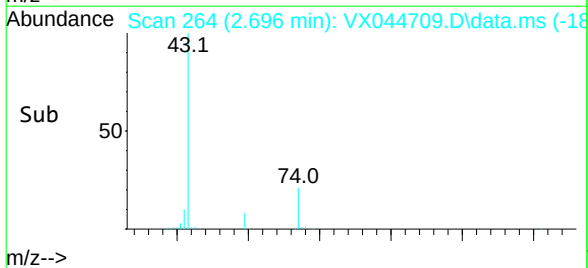
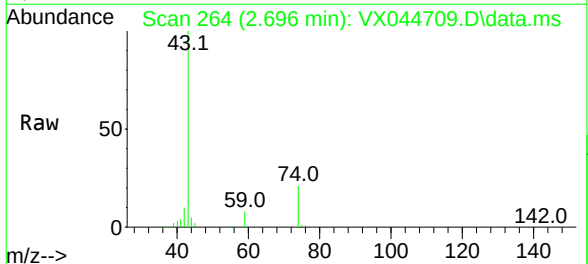
Manual Integrations
APPROVED

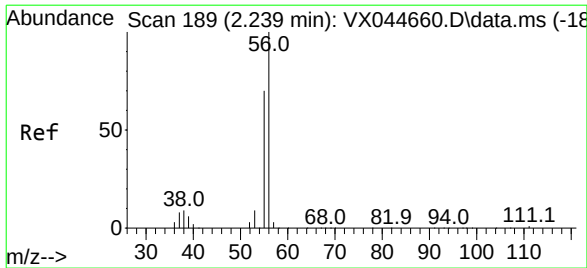
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#12
Methyl Acetate
Concen: 19.232 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 43 Resp: 60589
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





#13

Acrolein

Concen: 140.577 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

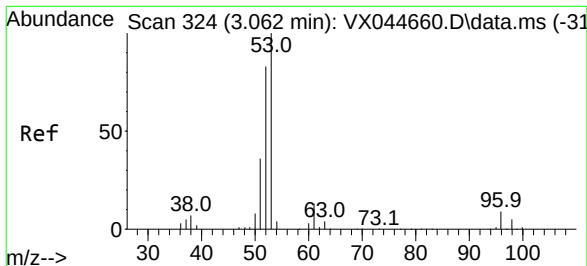
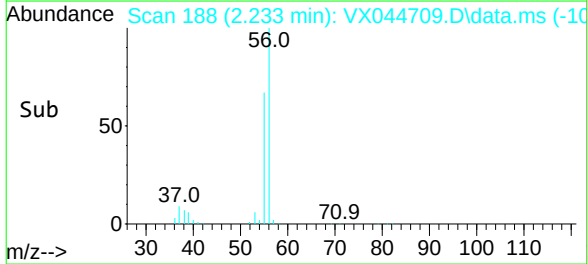
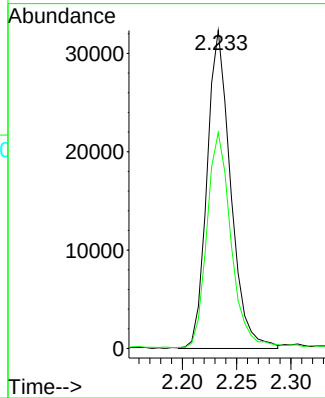
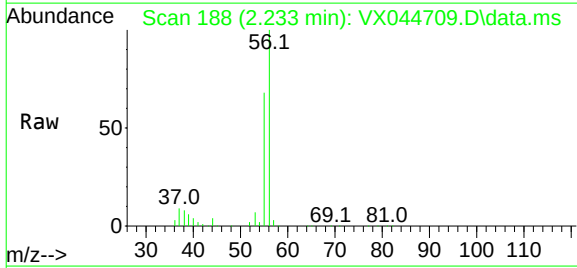
VSTDCCC020EC

Tgt Ion:	56	Resp:	48977
Ion	Ratio	Lower	Upper
56	100		
55	68.9	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#14

Acrylonitrile

Concen: 99.964 ug/l

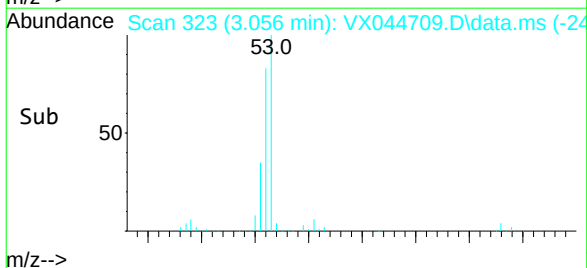
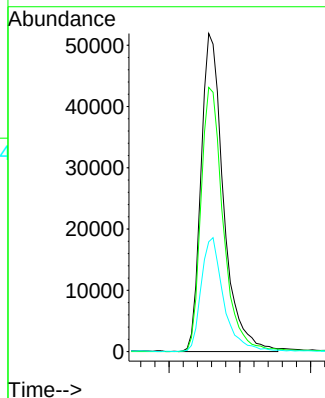
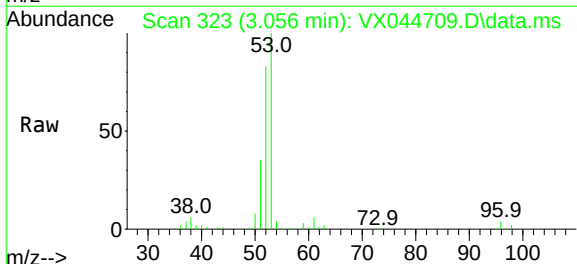
RT: 3.056 min Scan# 323

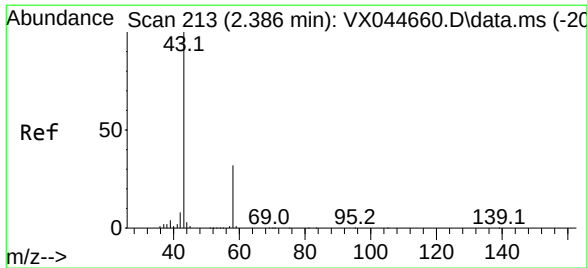
Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

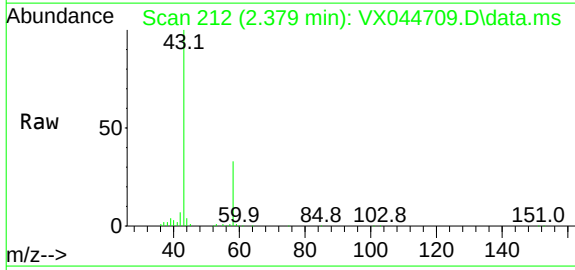
Tgt Ion:	53	Resp:	114757
Ion	Ratio	Lower	Upper
53	100		
52	82.1	41.4	124.2
51	35.9	18.1	54.4





#15
Acetone
Concen: 93.254 ug/l
RT: 2.379 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

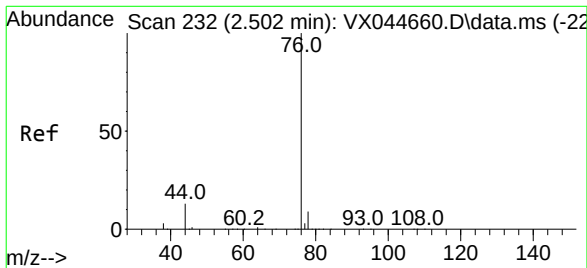
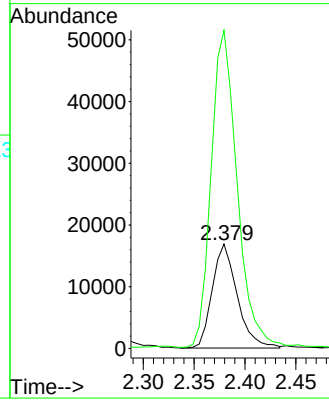
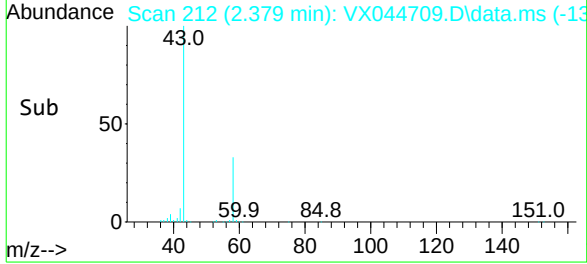
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 28726
Ion Ratio Lower Upper
58 100
43 304.9 251.0 376.4

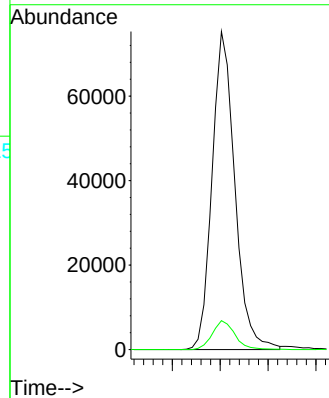
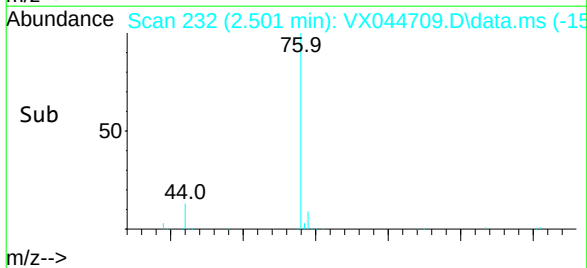
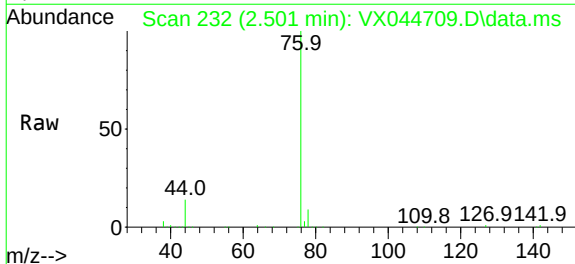
Manual Integrations
APPROVED

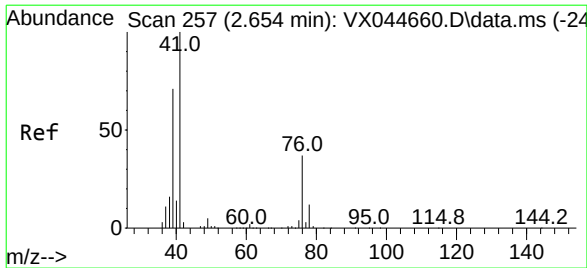
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#16
Carbon Disulfide
Concen: 20.753 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 76 Resp: 124457
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





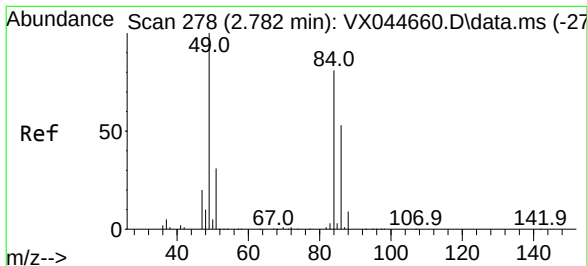
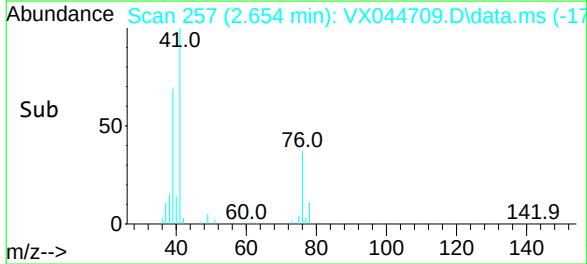
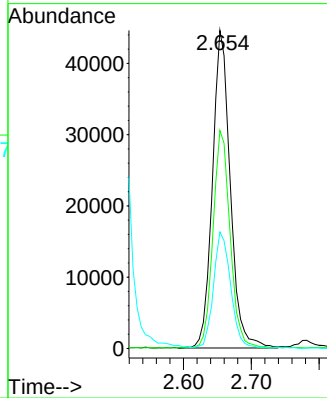
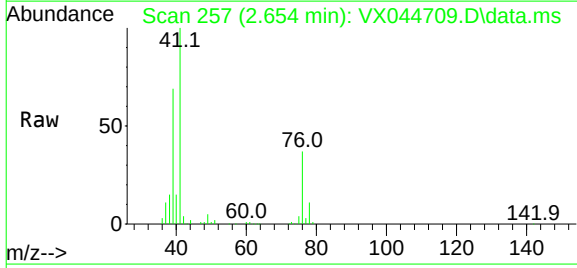
#17
 Allyl chloride
 Concen: 20.918 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044709.D
 Acq: 23 Jan 2025 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41	Resp: 81403
Ion Ratio	Lower Upper
41 100	
39 68.4	35.6 106.8
76 36.4	18.9 56.5

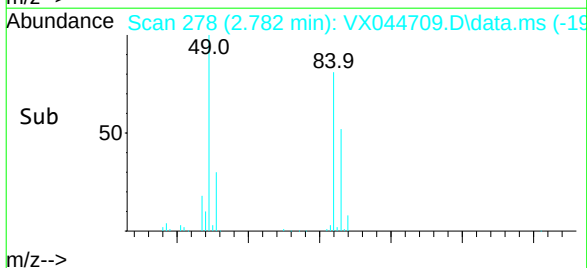
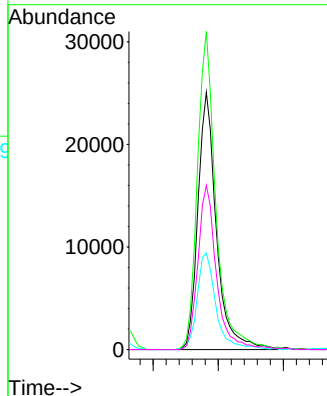
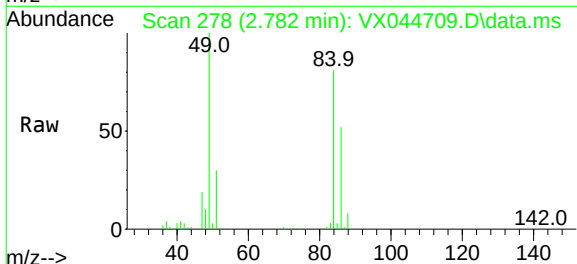
Manual Integrations
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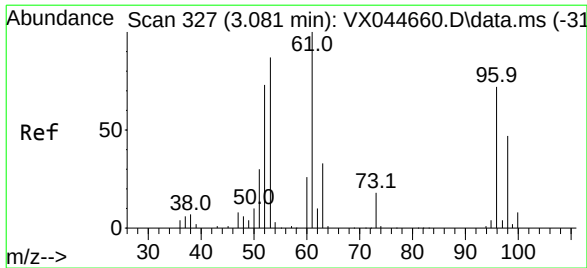
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#18
 Methylene Chloride
 Concen: 20.542 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044709.D
 Acq: 23 Jan 2025 15:45

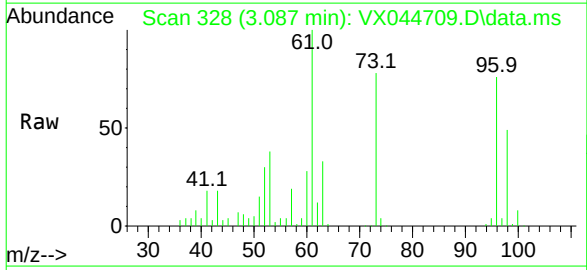
Tgt Ion: 84	Resp: 49609
Ion Ratio	Lower Upper
84 100	
49 123.4	98.3 147.5
51 37.3	30.6 46.0
86 63.9	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 21.101 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

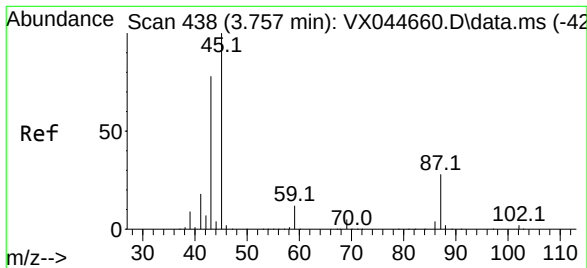
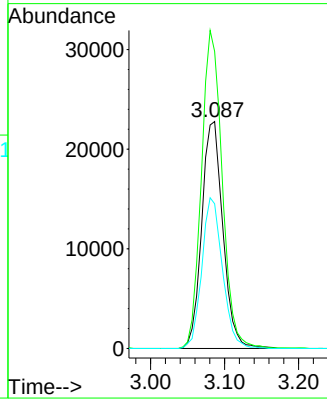
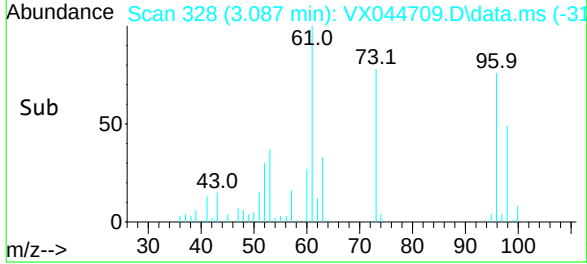
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



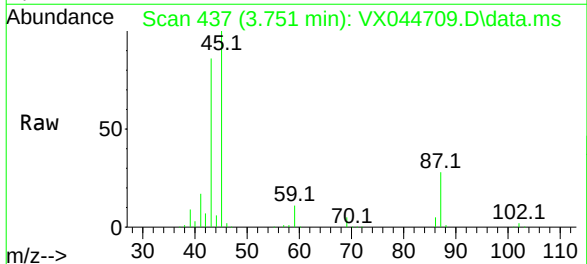
Tgt Ion: 96 Resp: 45278
Ion Ratio Lower Upper
96 100
61 130.9 111.5 167.3
98 63.7 52.6 79.0

Manual Integrations
APPROVED

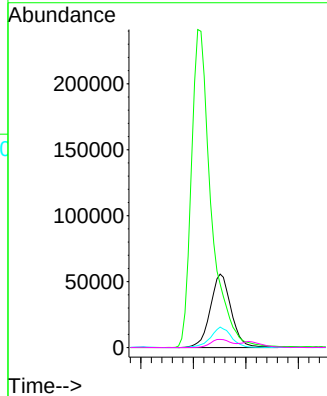
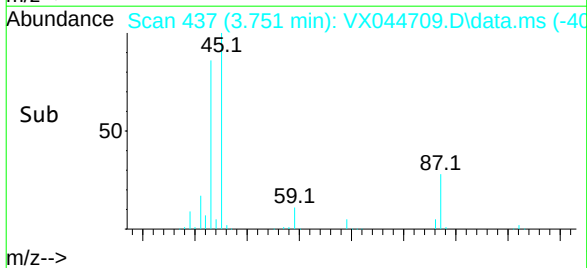
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

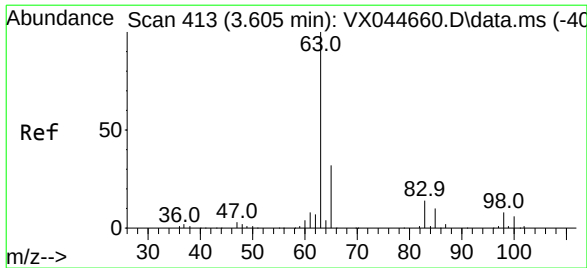


#20
Diisopropyl ether
Concen: 21.732 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



Tgt Ion: 45 Resp: 153504
Ion Ratio Lower Upper
45 100
43 84.8 62.6 94.0
87 27.9 22.7 34.1
59 11.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 20.767 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

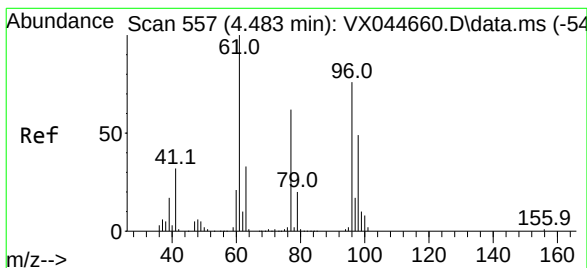
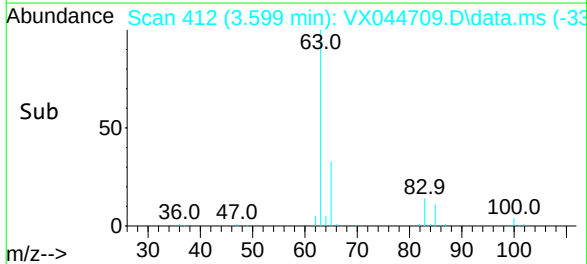
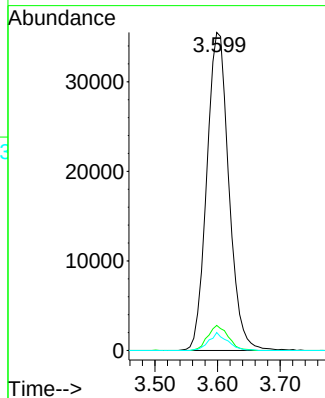
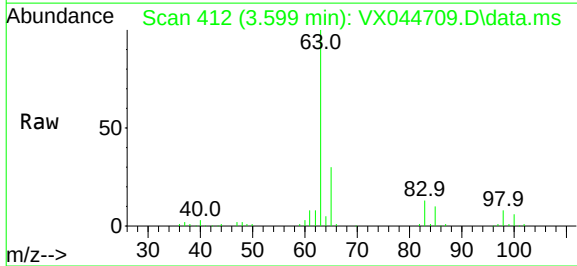
Tgt Ion:	63	Resp:	87017
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.7	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#22

cis-1,2-Dichloroethene

Concen: 20.323 ug/l

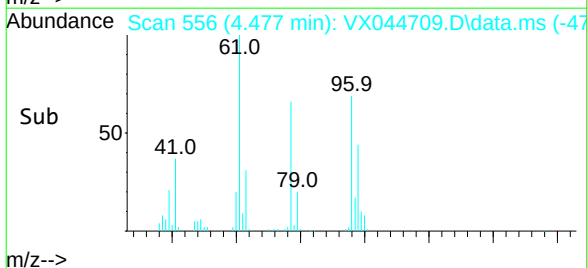
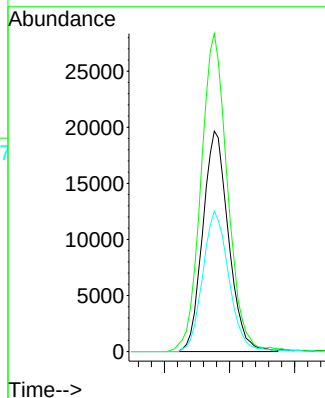
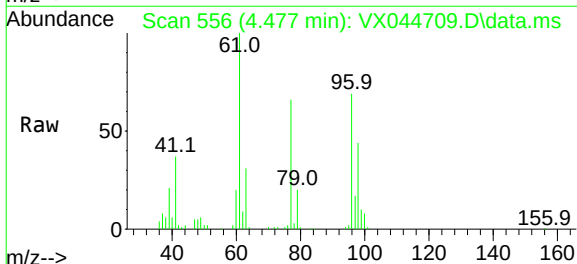
RT: 4.477 min Scan# 556

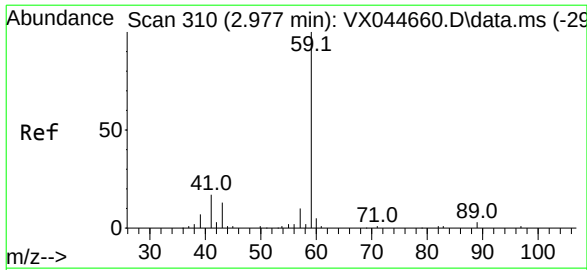
Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Tgt Ion:	96	Resp:	53974
Ion	Ratio	Lower	Upper
96	100		
61	148.1	115.2	172.8
98	64.5	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 89.751 ug/l m

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 49834

Ion Ratio Lower Upper

59 100

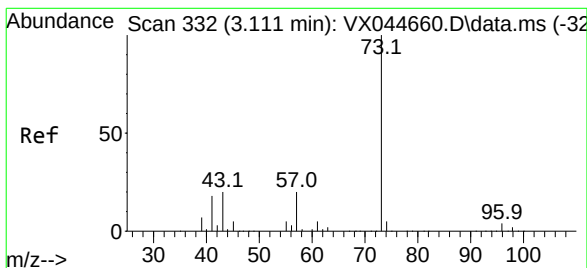
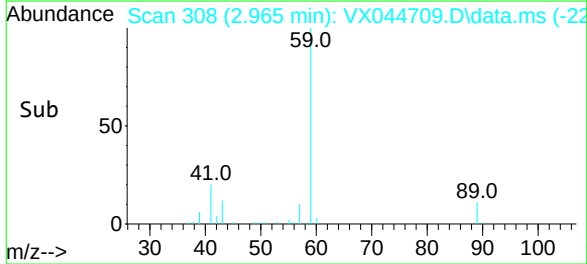
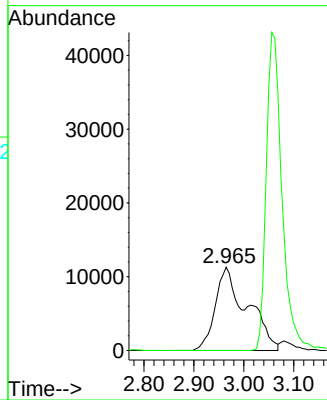
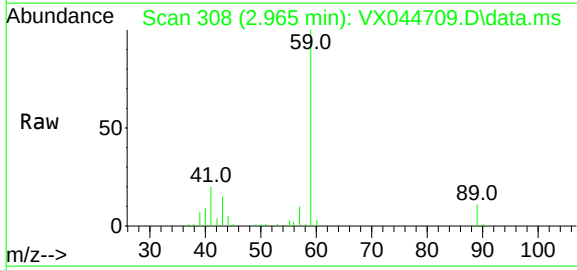
52 0.0 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#24

Methyl tert-Butyl Ether

Concen: 19.566 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX044709.D

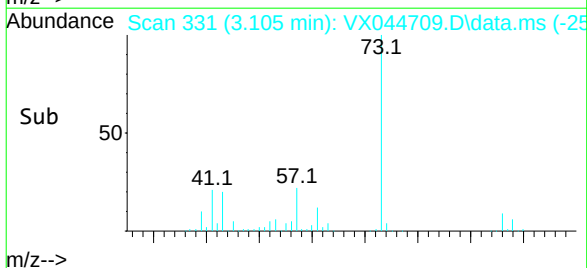
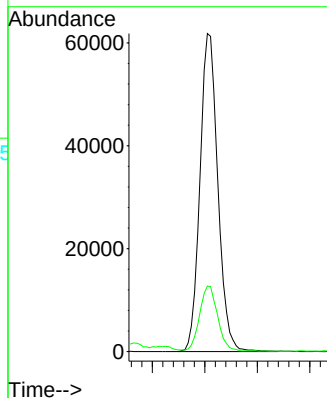
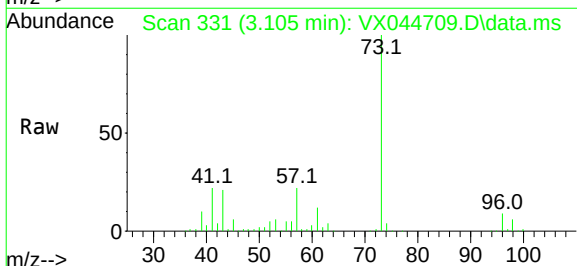
Acq: 23 Jan 2025 15:45

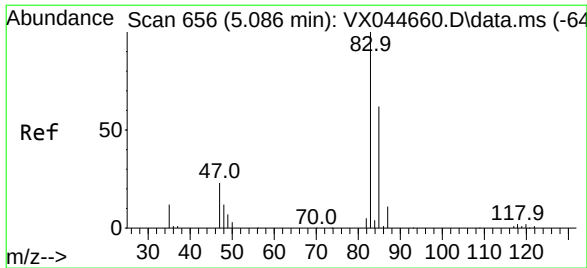
Tgt Ion: 73 Resp: 146291

Ion Ratio Lower Upper

73 100

43 20.3 16.9 25.3





#25

Chloroform

Concen: 20.373 ug/l

RT: 5.080 min Scan# 65

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 84823

Ion Ratio Lower Upper

83 100

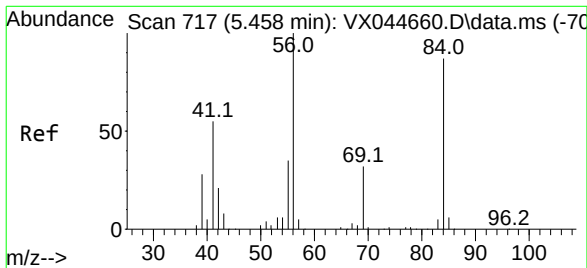
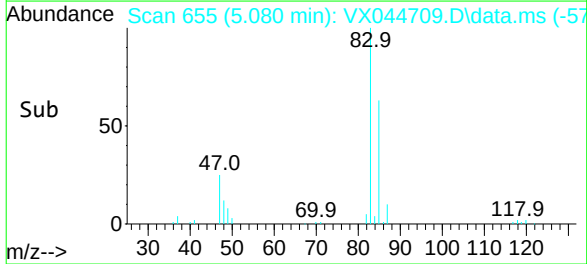
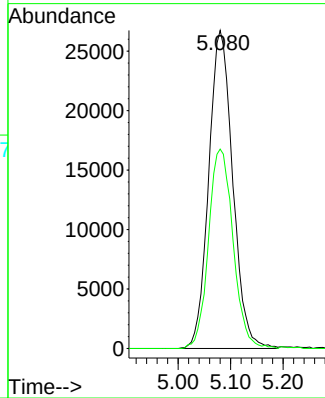
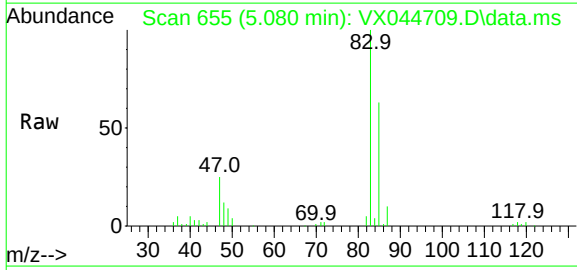
85 62.7 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#26

Cyclohexane

Concen: 22.635 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

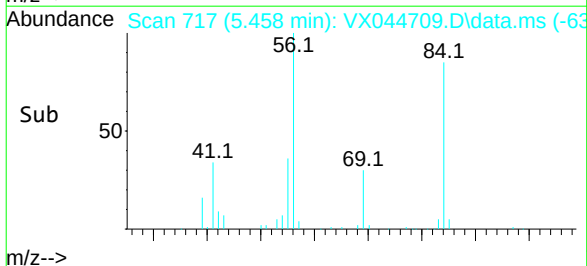
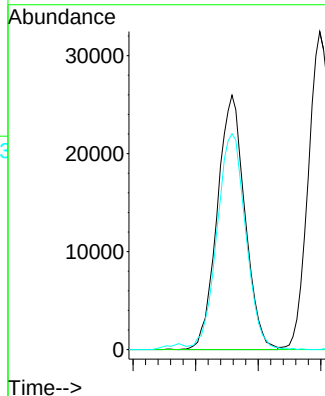
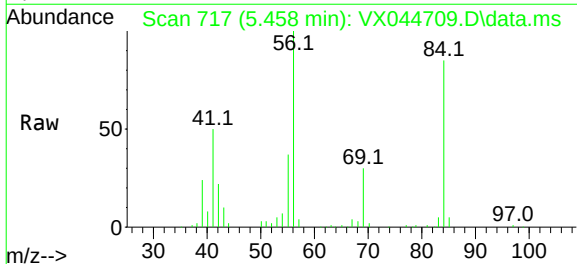
Tgt Ion: 56 Resp: 79713

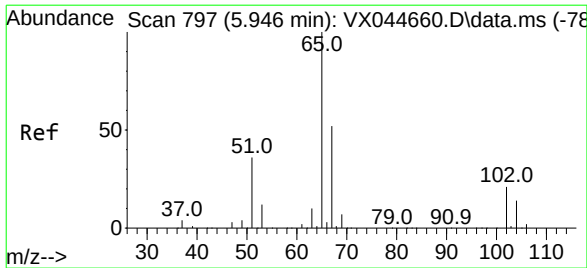
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.1 72.2 108.4





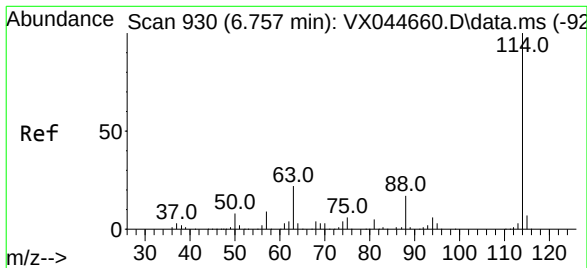
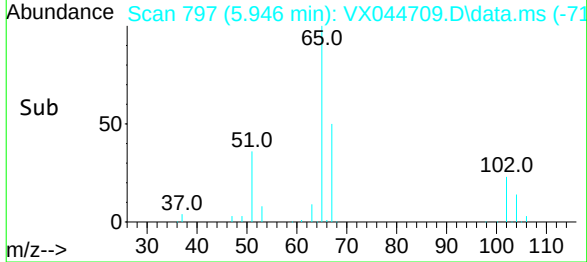
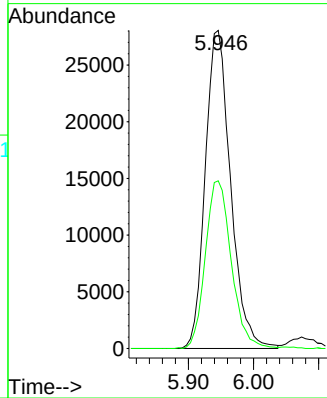
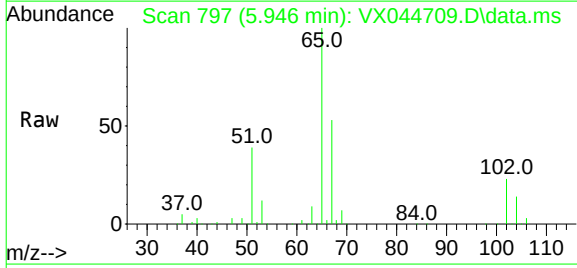
#27
1,2-Dichloroethane-d4
Concen: 26.854 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 75740
Ion Ratio Lower Upper
65 100
67 54.0 41.4 62.2

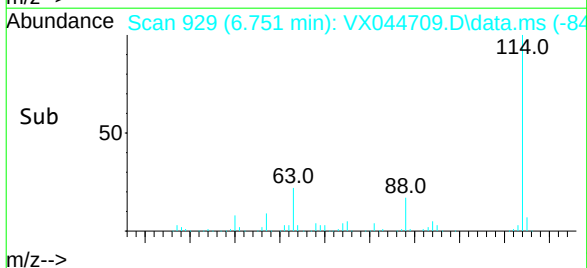
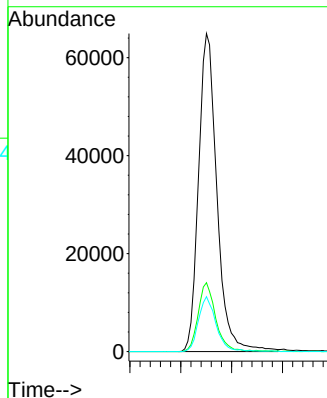
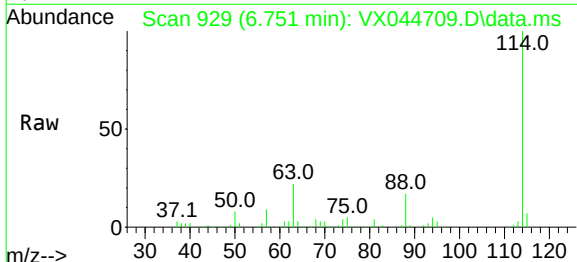
Manual Integrations
APPROVED

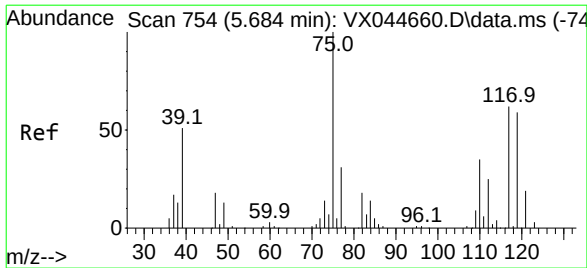
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion:114 Resp: 163040
Ion Ratio Lower Upper
114 100
63 20.2 16.6 24.8
88 16.2 13.4 20.2





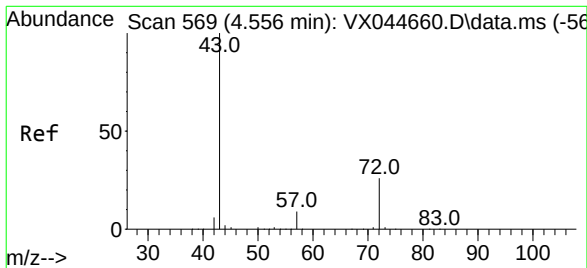
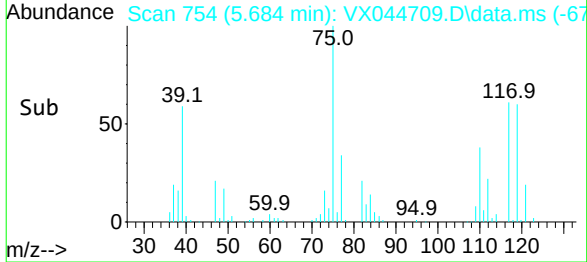
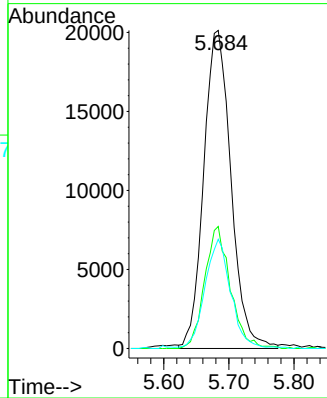
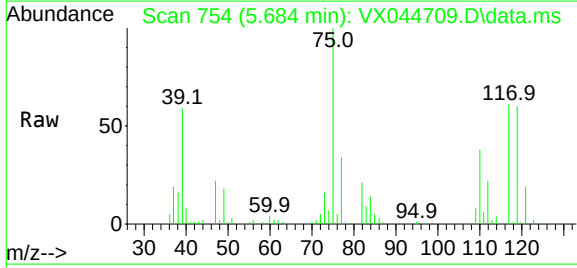
#29
1,1-Dichloropropene
Concen: 20.691 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 58676
Ion Ratio Lower Upper
75 100
110 35.2 0.0 69.4
77 32.4 0.0 59.8

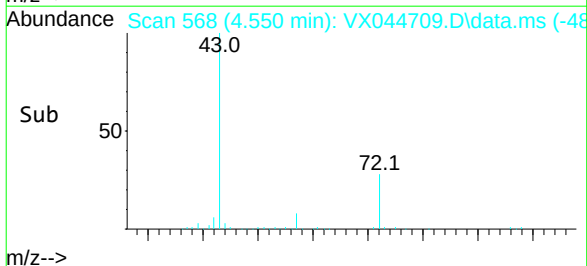
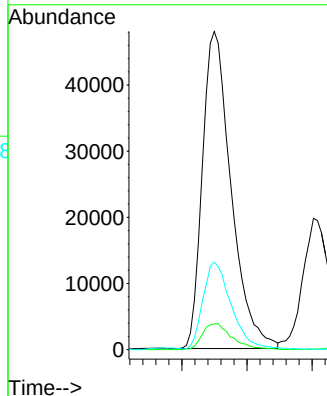
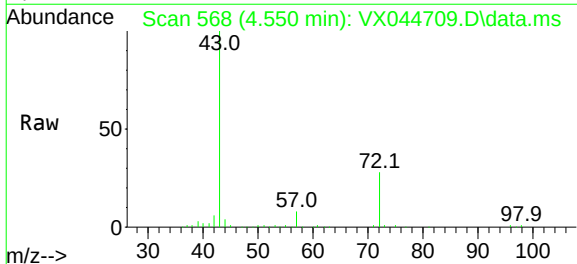
Manual Integrations
APPROVED

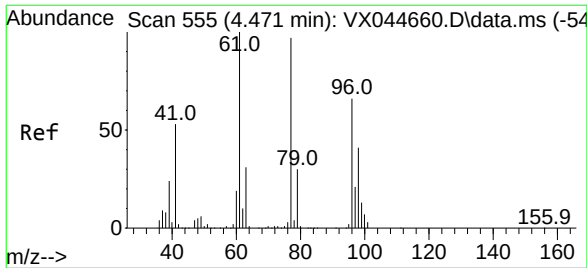
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 94.365 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 43 Resp: 147003
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 27.3 21.5 32.3





#31

2,2-Dichloropropane

Concen: 18.643 ug/l

RT: 4.464 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 73159

Ion Ratio Lower Upper

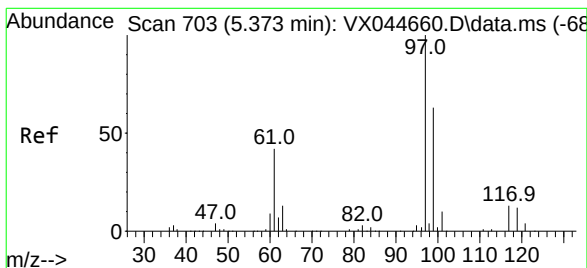
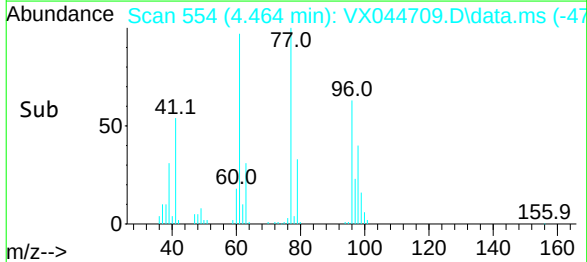
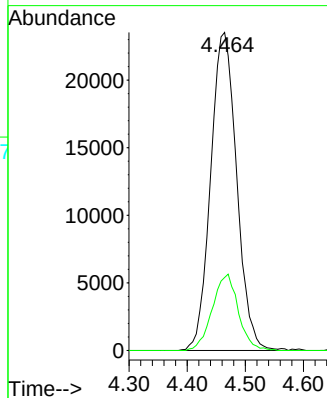
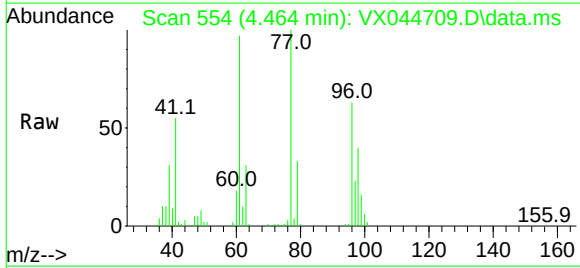
77 100

97 23.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#32

1,1,1-Trichloroethane

Concen: 19.290 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

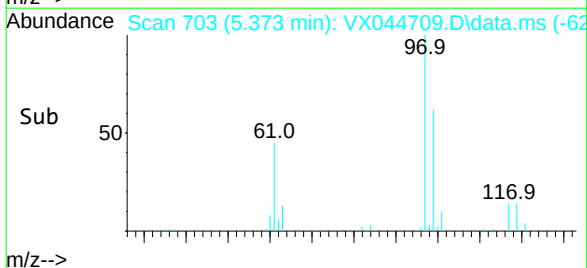
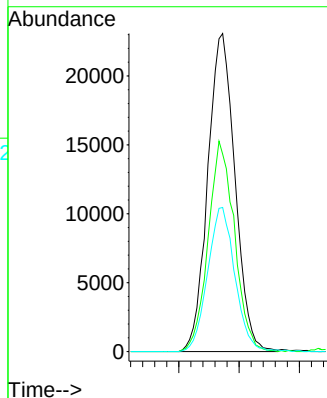
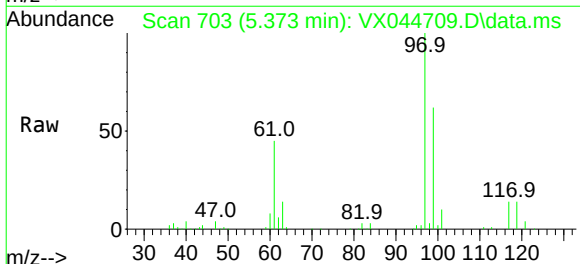
Tgt Ion: 97 Resp: 72494

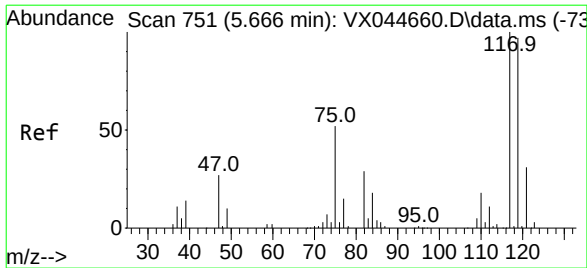
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

61 45.1 34.6 51.8





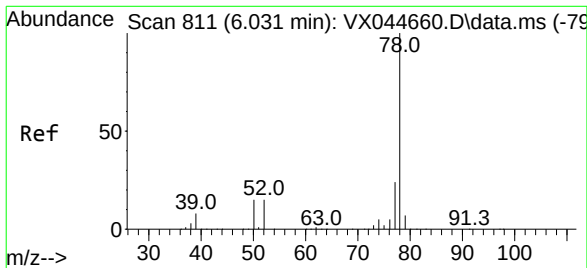
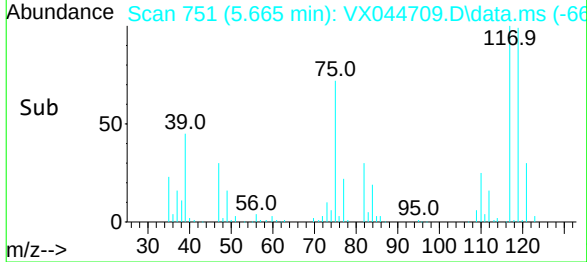
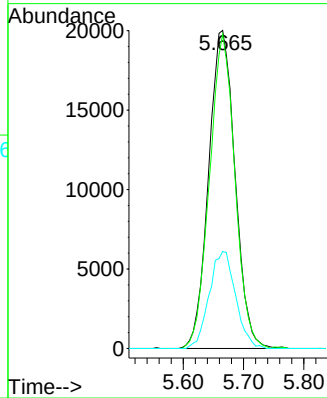
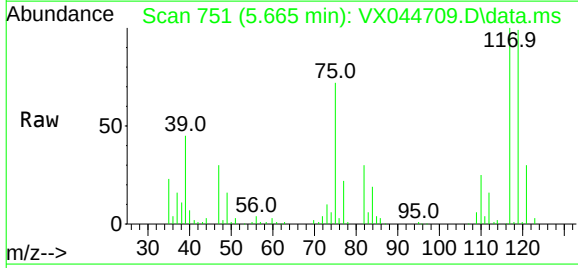
#33
Carbon Tetrachloride
Concen: 19.215 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 60917
Ion Ratio Lower Upper
117 100
119 98.8 77.3 115.9
121 30.5 24.6 37.0

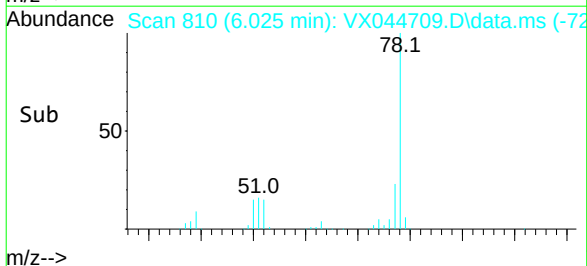
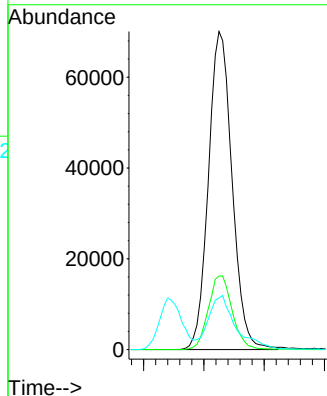
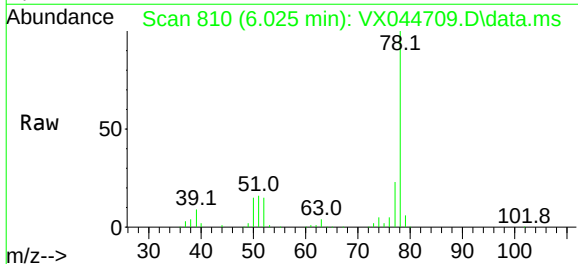
Manual Integrations
APPROVED

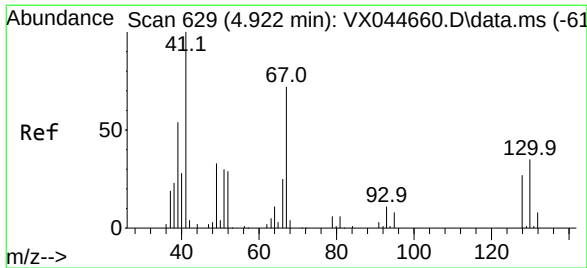
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#34
Benzene
Concen: 21.121 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 78 Resp: 191098
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 15.9 12.7 19.1





#35
Methacrylonitrile
Concen: 18.917 ug/l
RT: 4.909 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

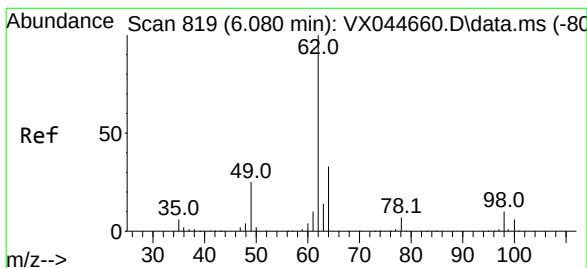
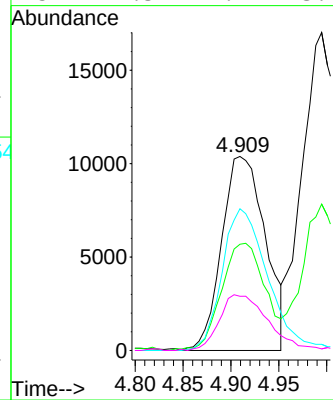
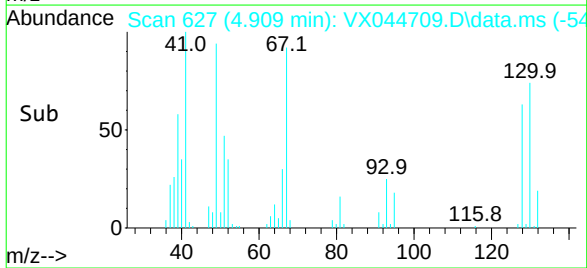
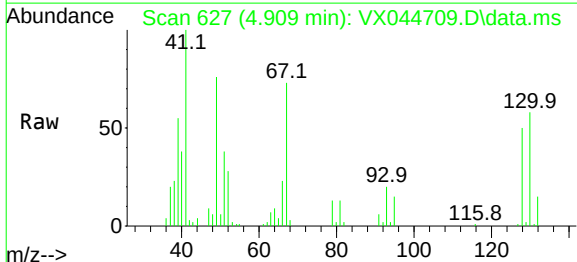
VSTDCCC020EC

Tgt Ion: 41 Resp: 32935
Ion Ratio Lower Upper
41 100
39 54.0 27.1 81.3
67 73.1 35.8 107.4
52 27.3 14.4 43.2

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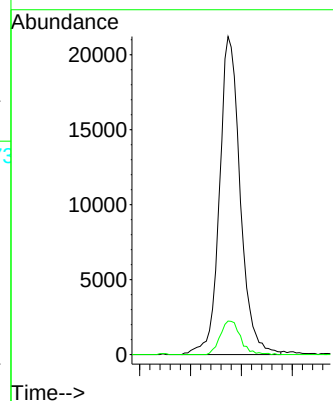
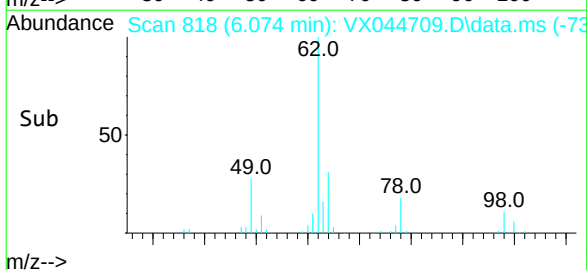
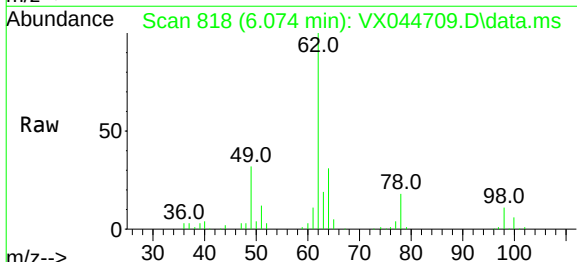
APPROVED

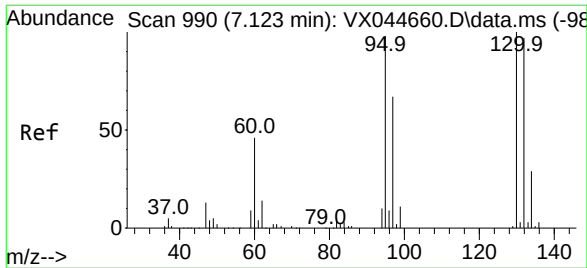
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#36
1,2-Dichloroethane
Concen: 18.609 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

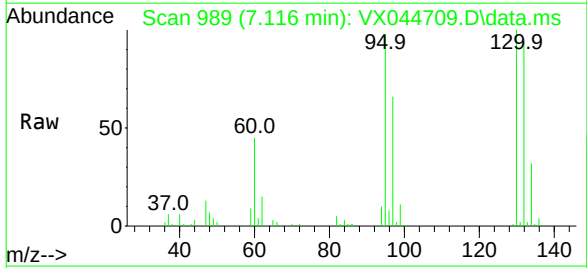
Tgt Ion: 62 Resp: 60197
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.2





#37
Trichloroethene
Concen: 20.347 ug/l
RT: 7.116 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

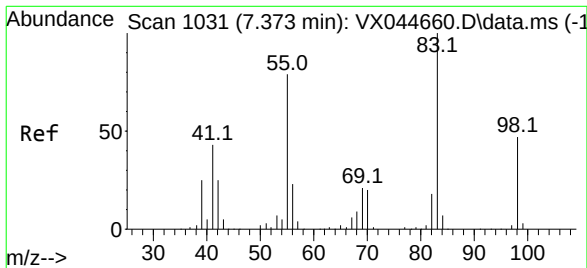
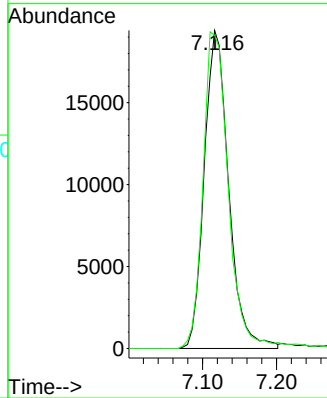
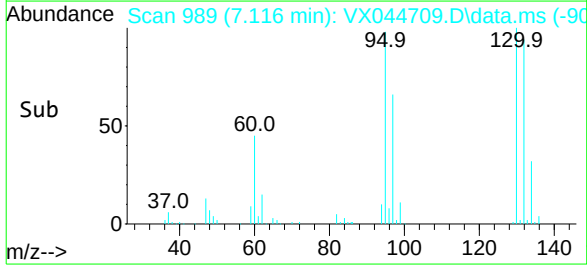
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



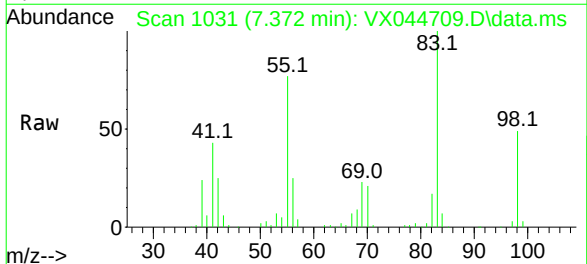
Tgt Ion:130 Resp: 44448
Ion Ratio Lower Upper
130 100
95 98.4 78.2 117.4

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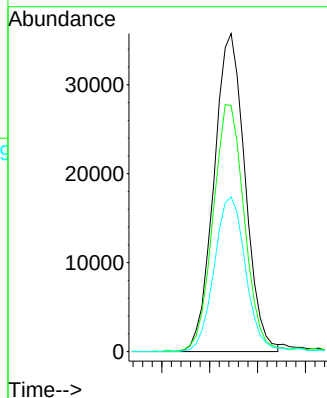
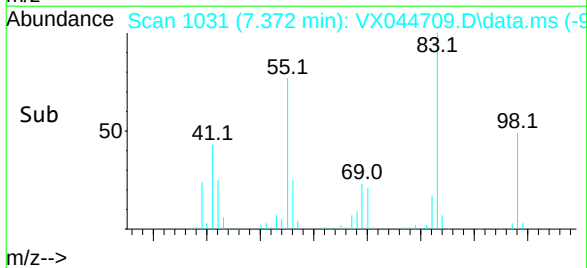
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

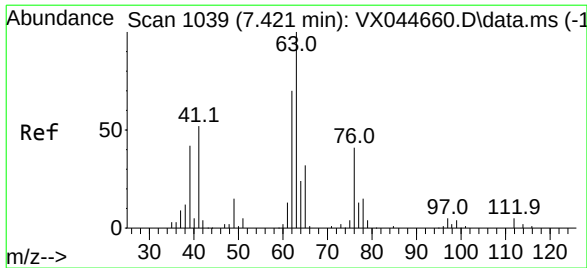


#38
Methylcyclohexane
Concen: 20.949 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



Tgt Ion: 83 Resp: 80719
Ion Ratio Lower Upper
83 100
55 77.5 38.4 115.2
98 49.0 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.908 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 47172

Ion Ratio Lower Upper

63 100

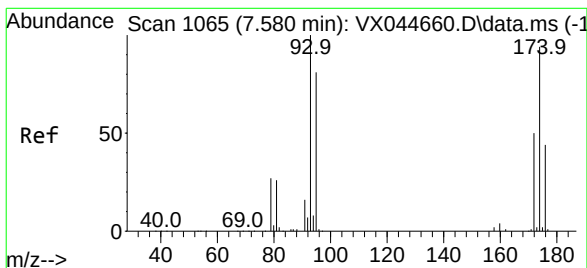
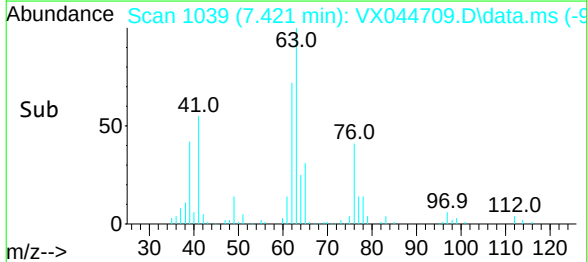
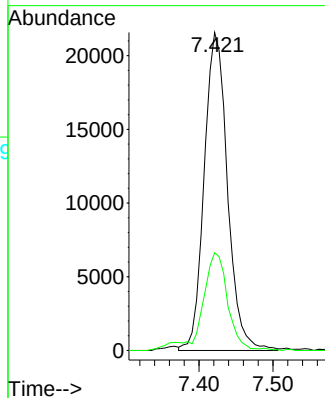
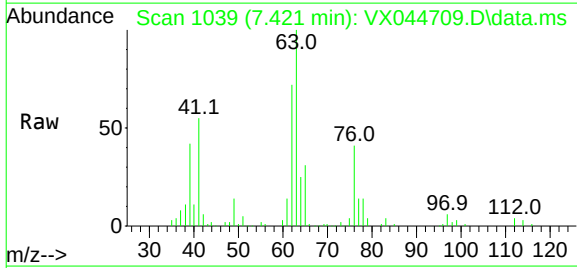
65 30.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#40

Dibromomethane

Concen: 19.059 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

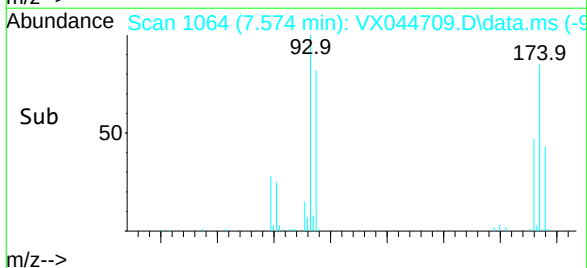
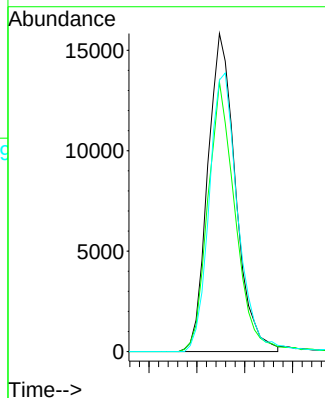
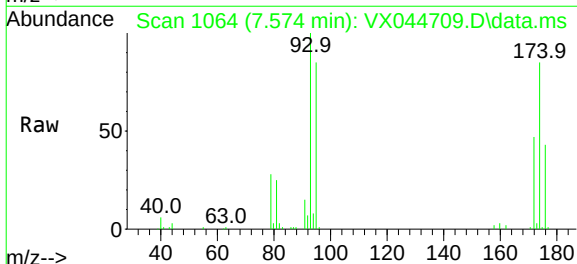
Tgt Ion: 93 Resp: 31969

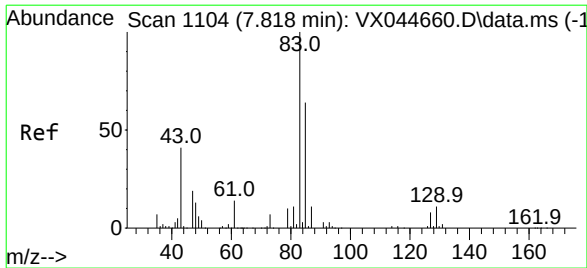
Ion Ratio Lower Upper

93 100

95 82.9 0.0 167.0

174 90.5 0.0 182.0





#41

Bromodichloromethane

Concen: 19.087 ug/l

RT: 7.811 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

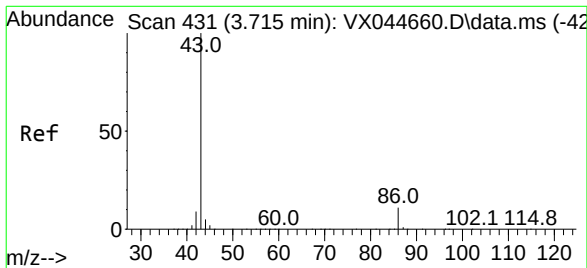
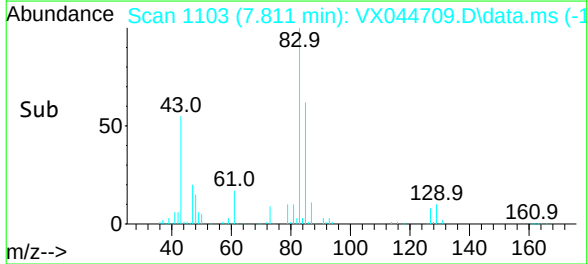
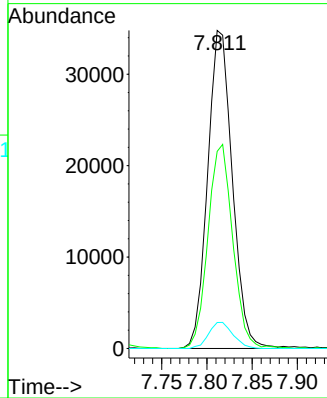
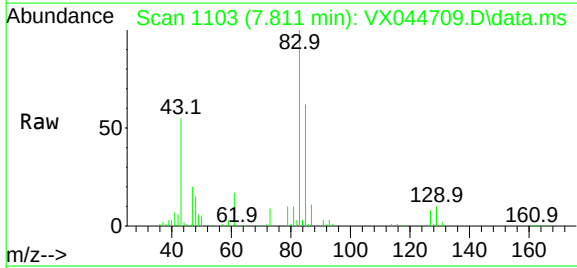
VSTDCCC020EC

Tgt Ion:	83	Resp:	66106
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.9	76.3
127	8.2	6.5	9.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#42

Vinyl Acetate

Concen: 102.301 ug/l

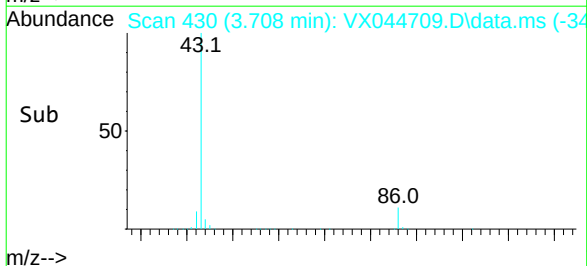
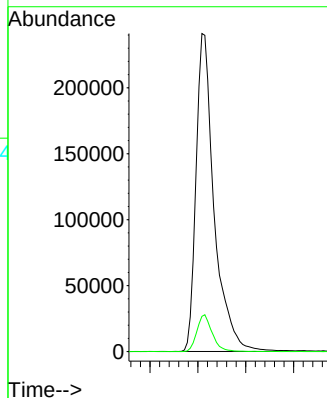
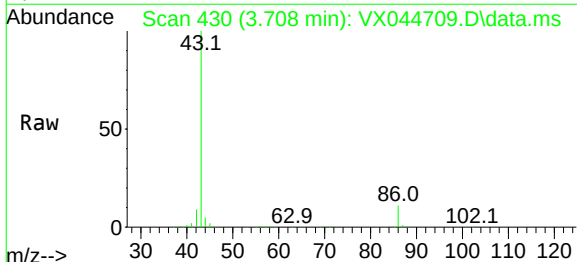
RT: 3.708 min Scan# 430

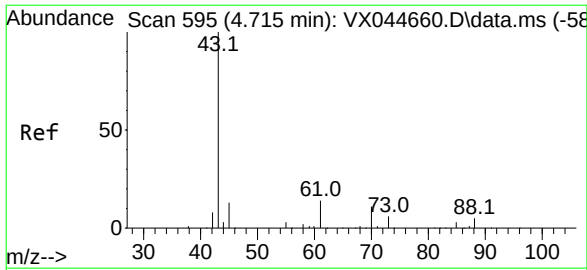
Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Tgt Ion:	43	Resp:	632901
Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.0	12.0





#43

Ethyl Acetate

Concen: 19.293 ug/l

RT: 4.702 min Scan# 59

Delta R.T. -0.012 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 58957

Ion Ratio Lower Upper

43 100

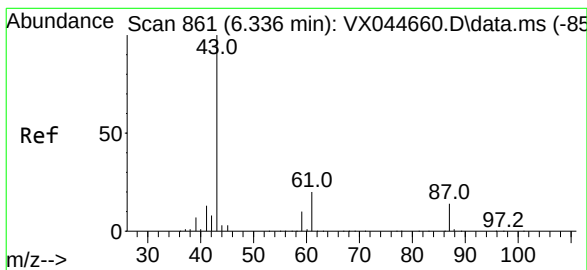
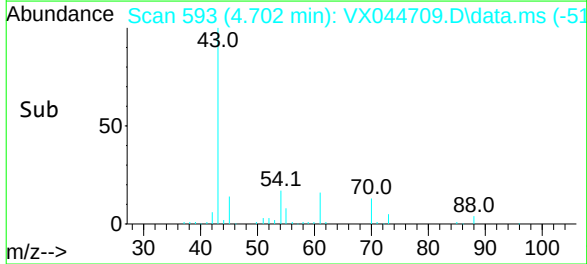
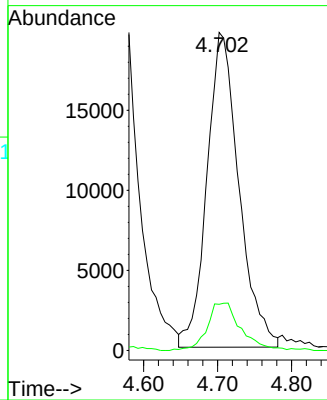
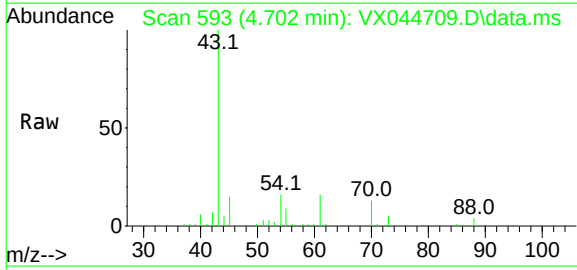
45 6.7 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#44

Isopropyl Acetate

Concen: 18.961 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX044709.D

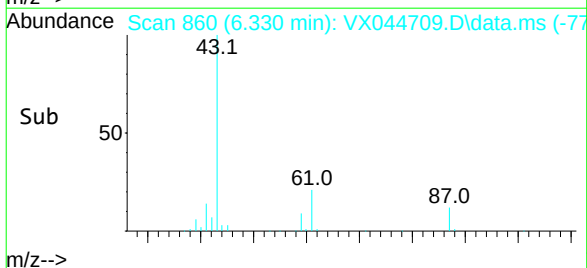
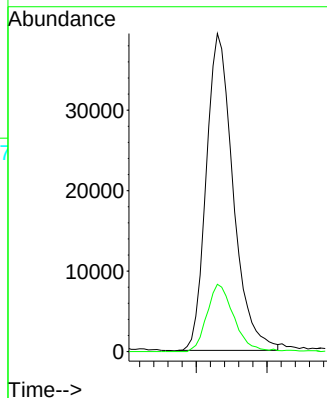
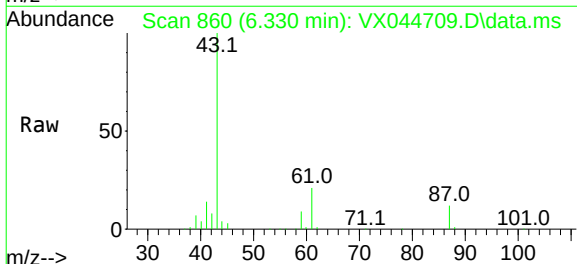
Acq: 23 Jan 2025 15:45

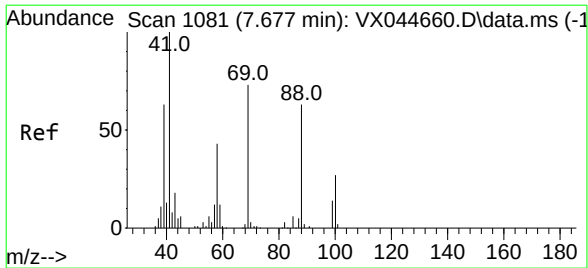
Tgt Ion: 43 Resp: 104094

Ion Ratio Lower Upper

43 100

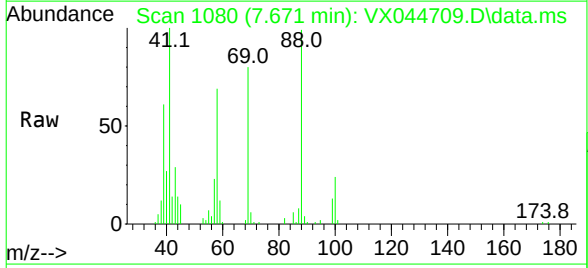
61 21.0 16.2 24.4





#45
1,4-Dioxane
Concen: 362.786 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

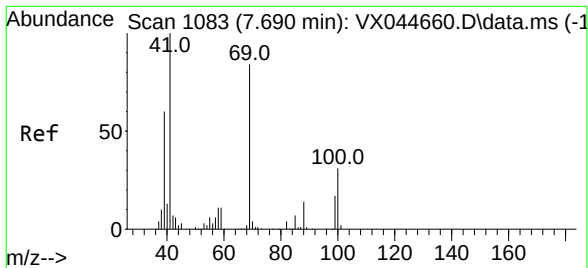
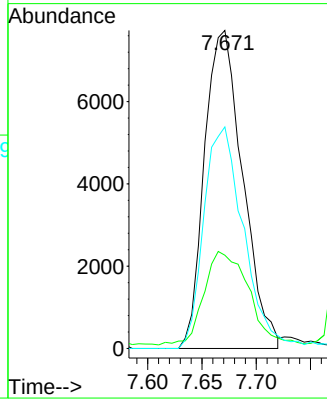
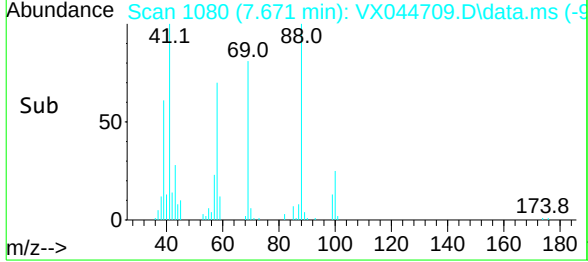
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 18965
Ion Ratio Lower Upper
88 100
43 34.2 25.9 38.9
58 71.9 58.9 88.3

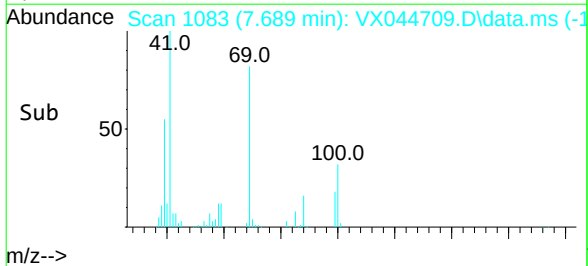
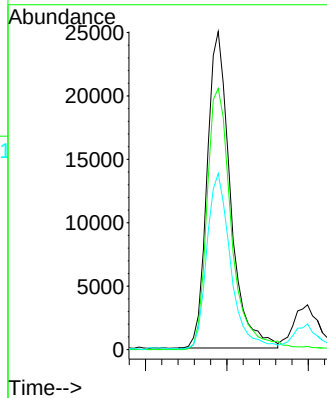
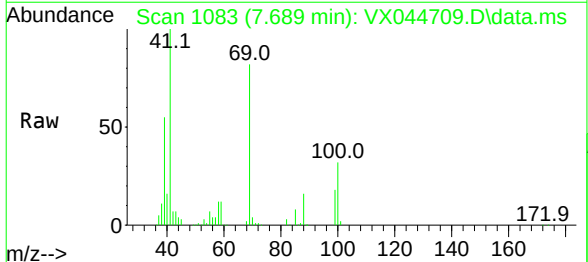
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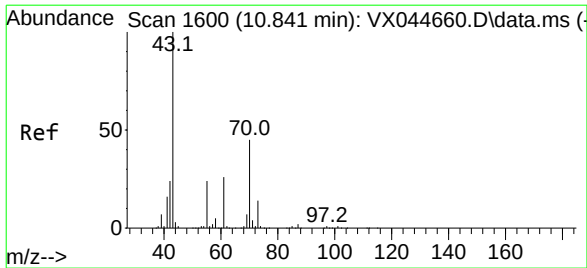
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#46
Methyl methacrylate
Concen: 18.443 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 41 Resp: 49561
Ion Ratio Lower Upper
41 100
69 82.5 41.9 125.7
39 55.4 30.1 90.3





#47

n-amy1 Acetate

Concen: 19.487 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 89780

Ion Ratio Lower Upper

43 100

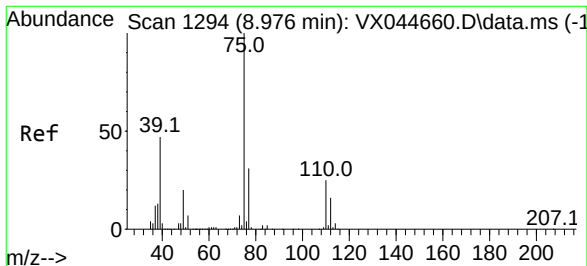
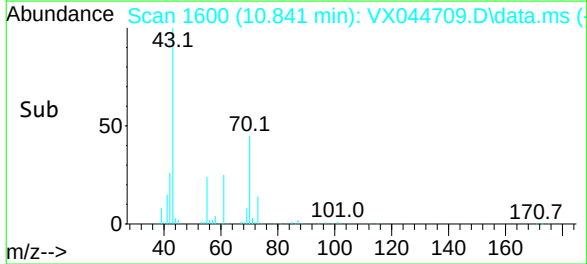
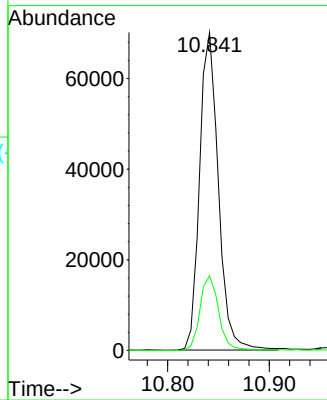
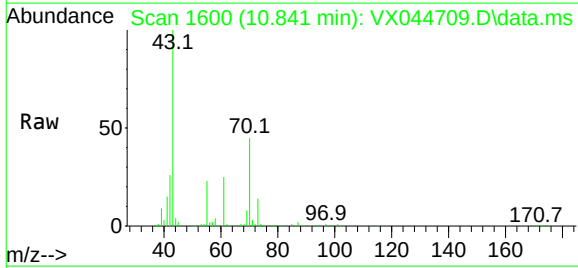
55 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#48

t-1,3-Dichloropropene

Concen: 19.279 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044709.D

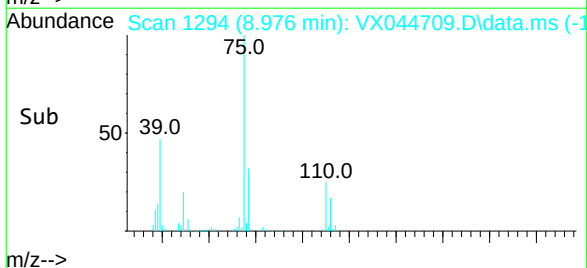
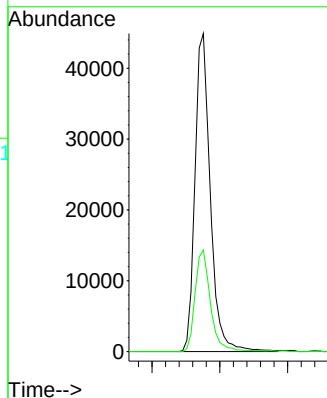
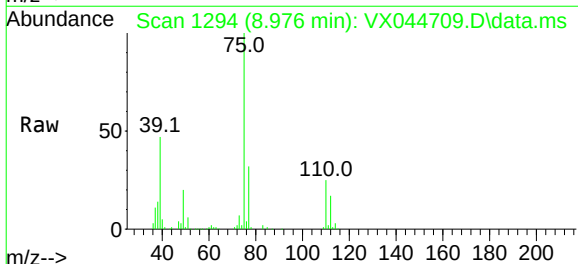
Acq: 23 Jan 2025 15:45

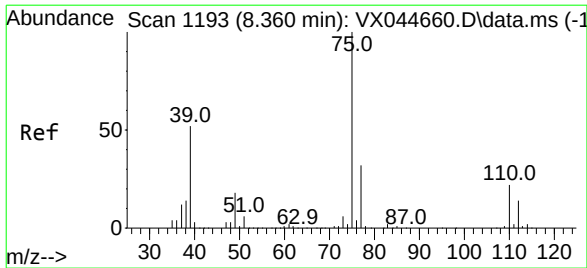
Tgt Ion: 75 Resp: 70477

Ion Ratio Lower Upper

75 100

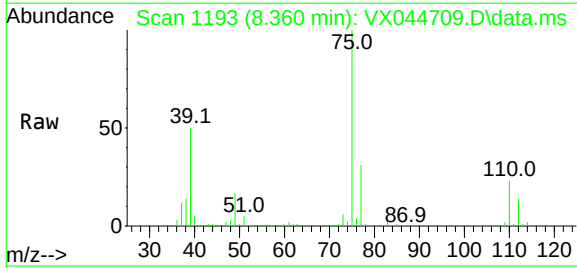
77 31.9 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 19.752 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

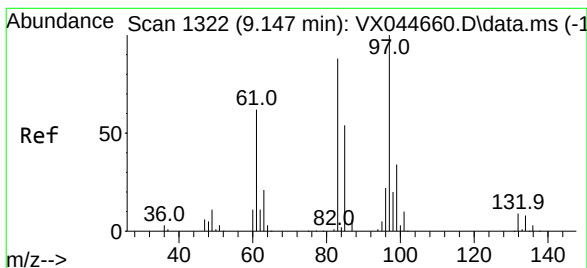
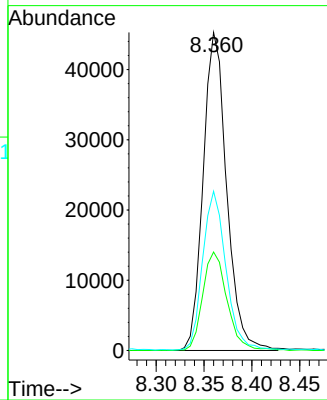
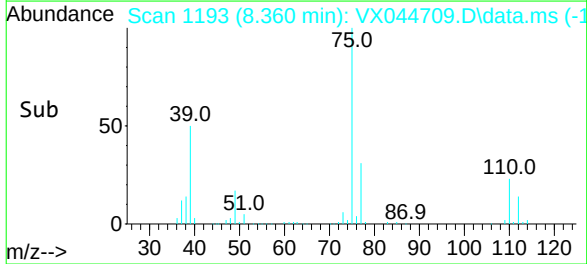
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 77425
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 49.8 41.4 62.0

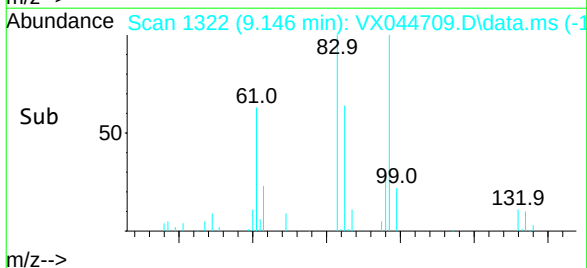
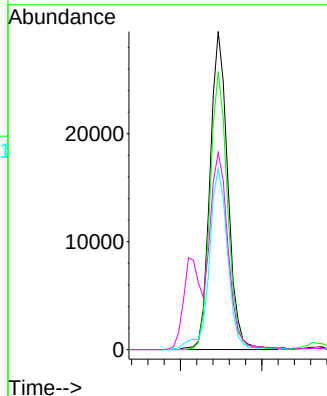
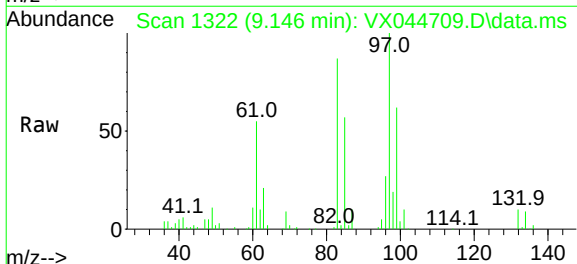
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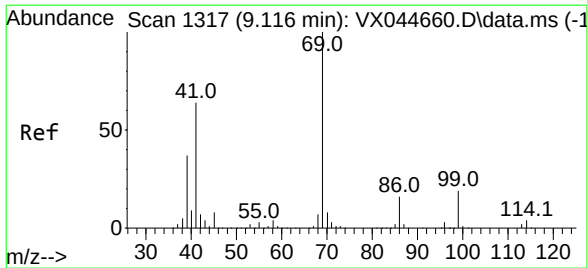
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#50
1,1,2-Trichloroethane
Concen: 20.744 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 97 Resp: 44812
Ion Ratio Lower Upper
97 100
83 87.4 69.2 103.8
85 56.4 44.8 67.2
99 61.5 52.1 78.1





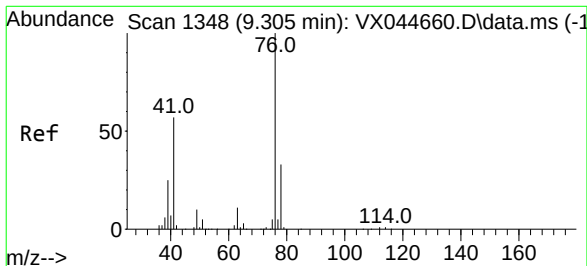
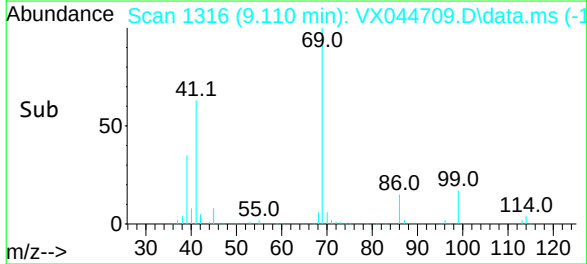
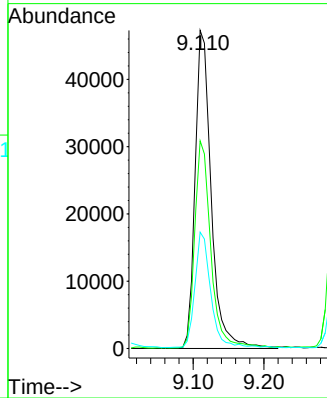
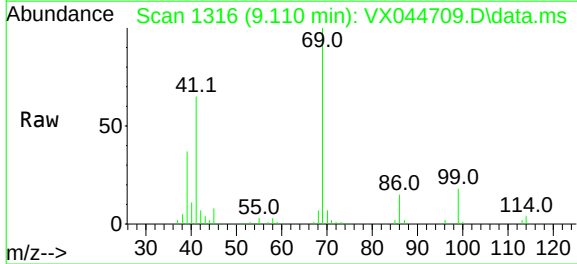
#51
Ethyl methacrylate
Concen: 19.965 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	32.0	96.0
39	36.2	18.6	55.6

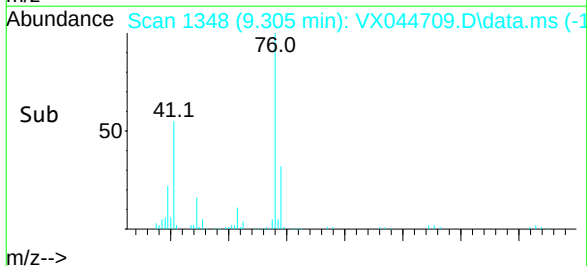
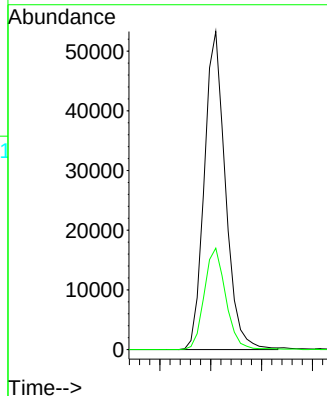
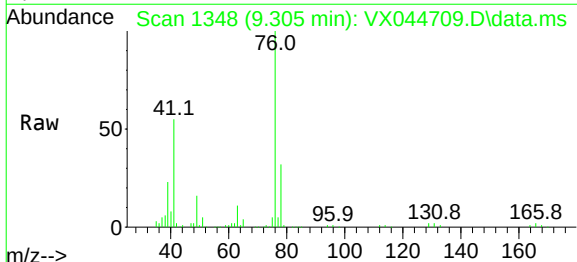
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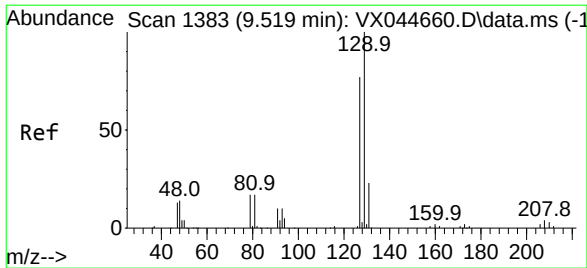
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#52
1,3-Dichloropropane
Concen: 20.568 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

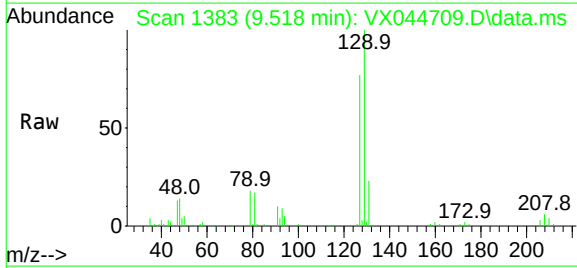
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	64.0





#53
Dibromochloromethane
Concen: 19.582 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

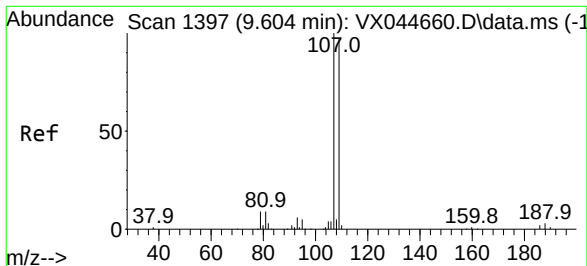
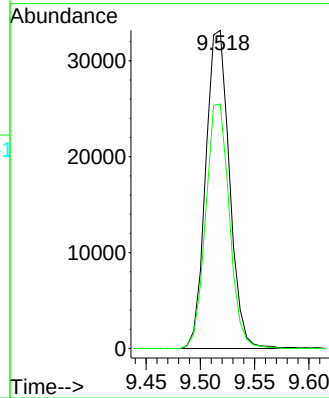
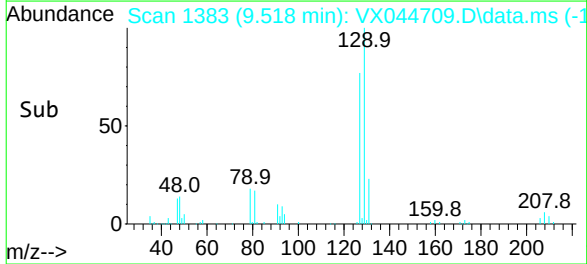
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



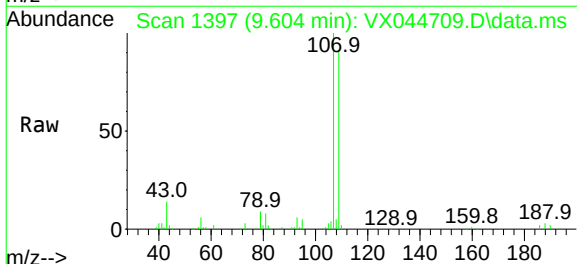
Tgt Ion:129 Resp: 50548
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4

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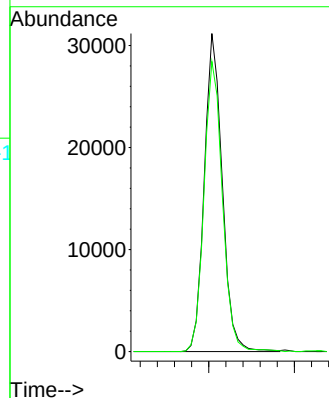
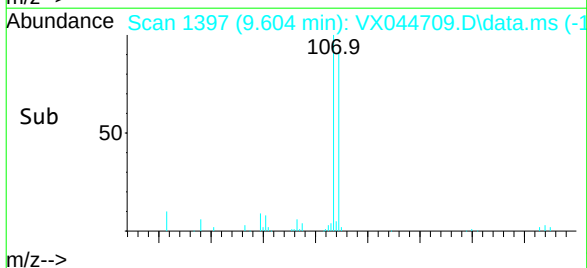
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

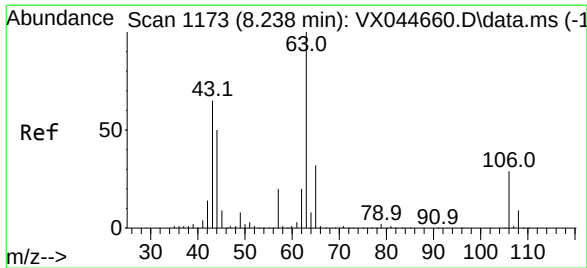


#54
1,2-Dibromoethane
Concen: 19.830 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



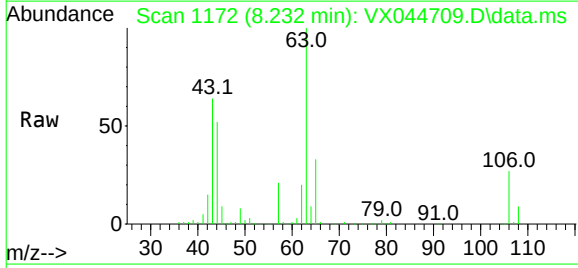
Tgt Ion:107 Resp: 45285
Ion Ratio Lower Upper
107 100
109 93.6 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 95.419 ug/l
RT: 8.232 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

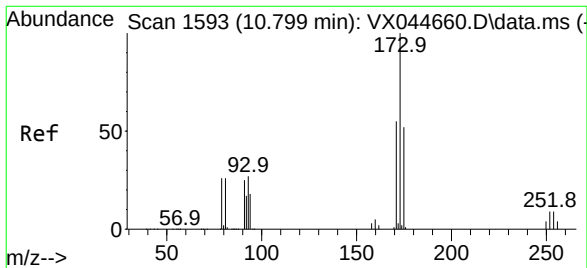
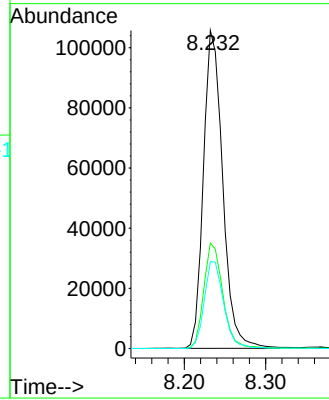
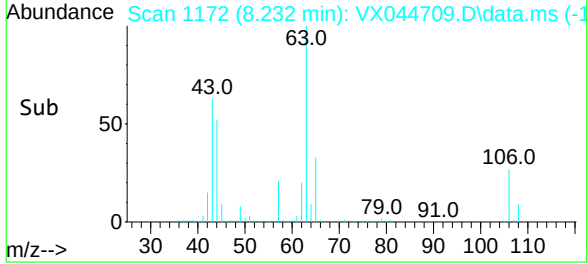
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 173747
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.6
106 27.5 23.1 34.7

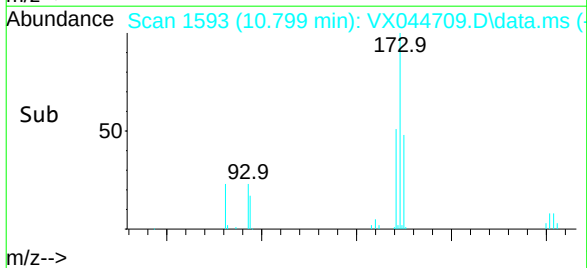
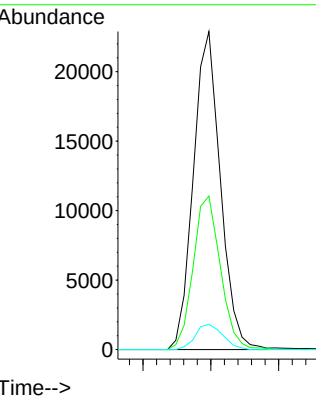
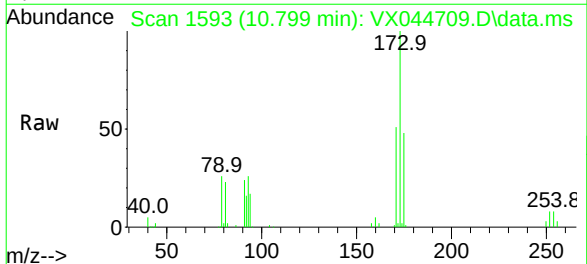
Manual Integrations
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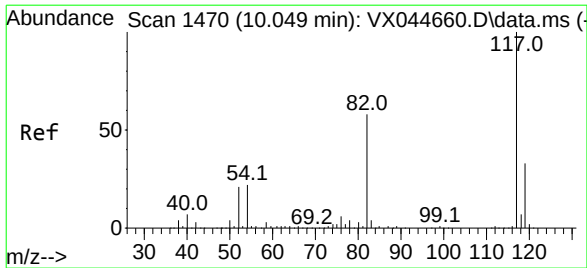
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#56
Bromoform
Concen: 18.514 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion:173 Resp: 31690
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 8.1 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: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

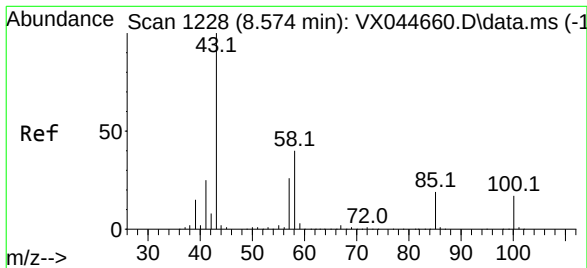
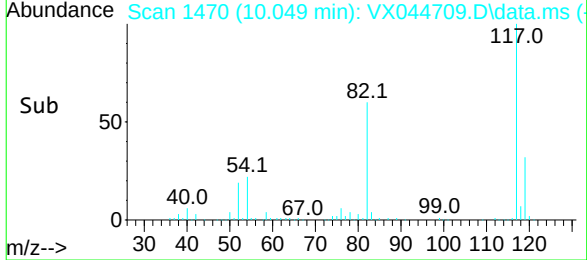
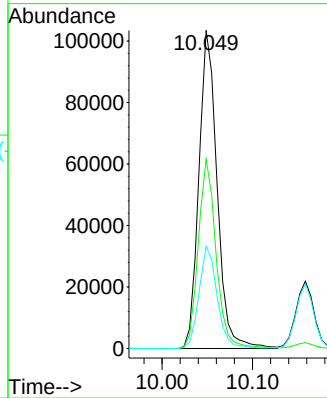
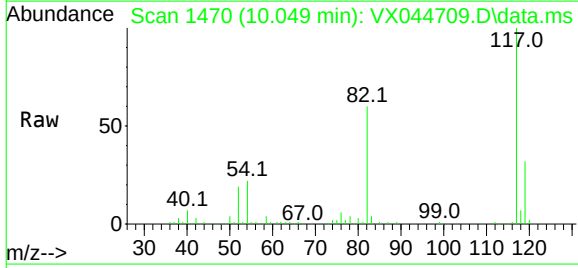
VSTDCCC020EC

Tgt Ion:	117	Resp:	145037
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.6
119	32.0	25.8	38.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#58

4-Methyl-2-Pentanone

Concen: 97.229 ug/l

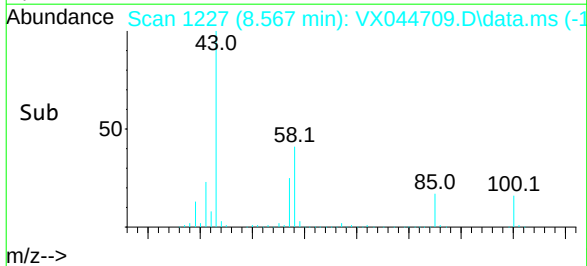
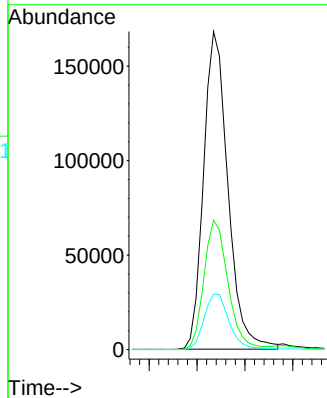
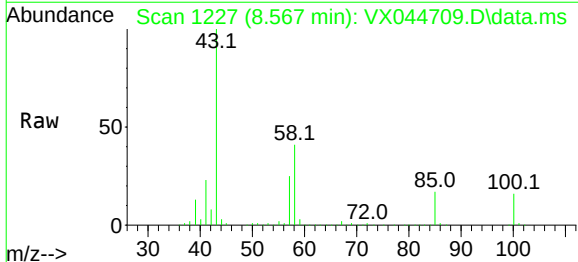
RT: 8.567 min Scan# 1227

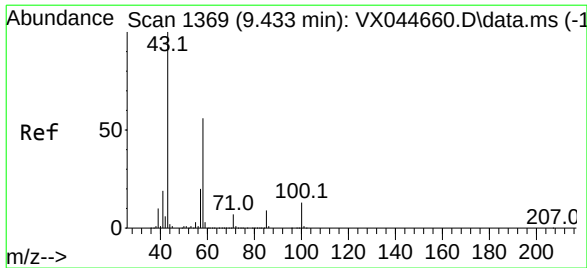
Delta R.T. -0.006 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Tgt Ion:	43	Resp:	297245
Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.7	47.5
85	18.2	15.0	22.6





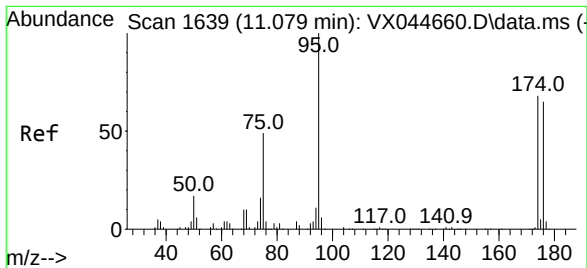
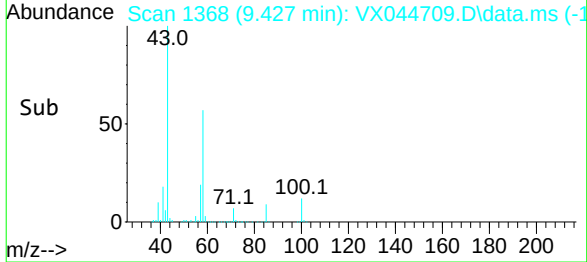
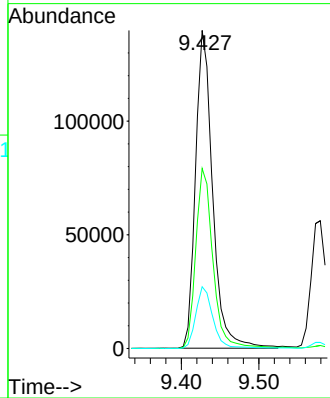
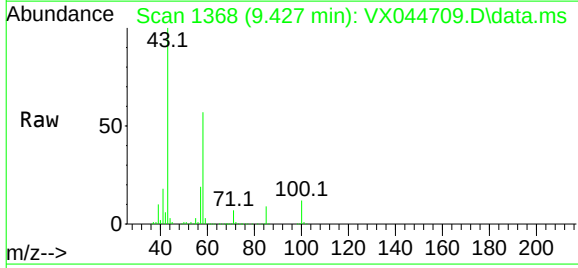
#59
2-Hexanone
Concen: 95.881 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 214597
Ion Ratio Lower Upper
43 100
58 56.8 44.4 66.6
57 19.7 15.5 23.3

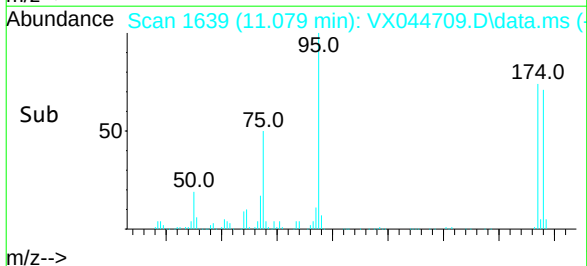
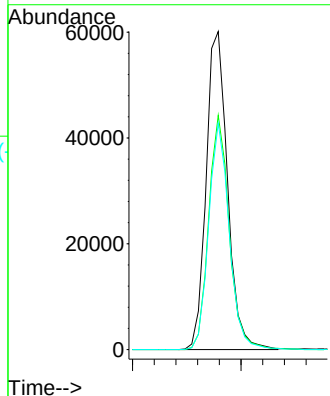
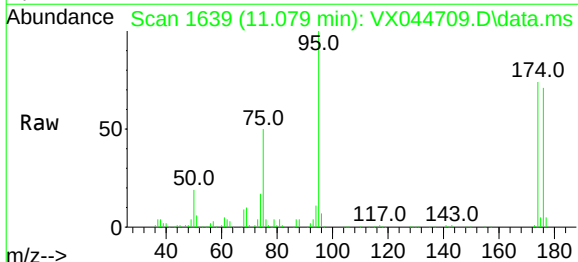
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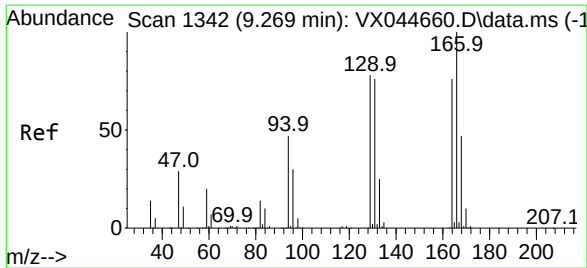
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#60
4-Bromofluorobenzene
Concen: 29.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

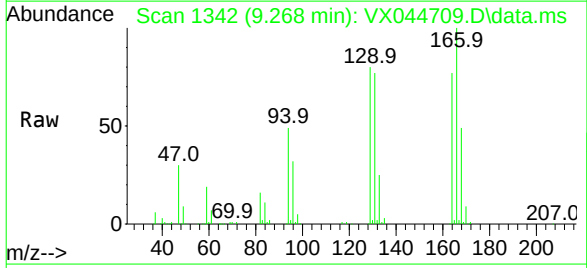
Tgt Ion: 95 Resp: 82275
Ion Ratio Lower Upper
95 100
174 70.8 54.6 81.8
176 67.8 52.8 79.2





#61
Tetrachloroethene
Concen: 20.550 ug/l
RT: 9.268 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

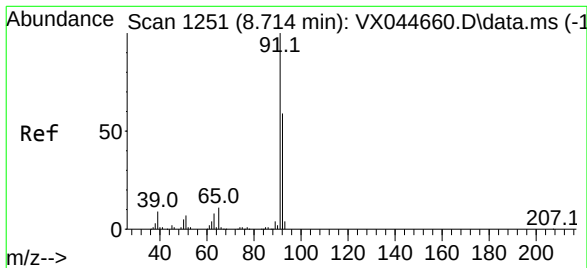
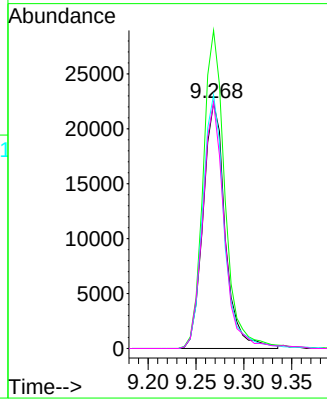
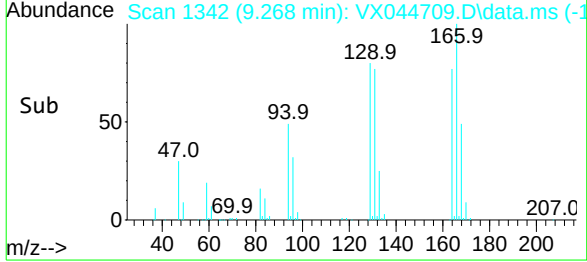
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



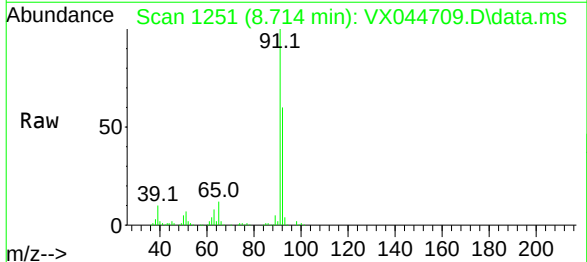
Tgt Ion:164 Resp: 35752
Ion Ratio Lower Upper
164 100
166 129.5 105.6 158.4
129 103.3 82.8 124.2
131 100.3 80.2 120.4

Manual Integrations
APPROVED

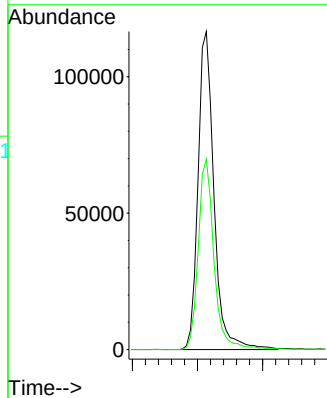
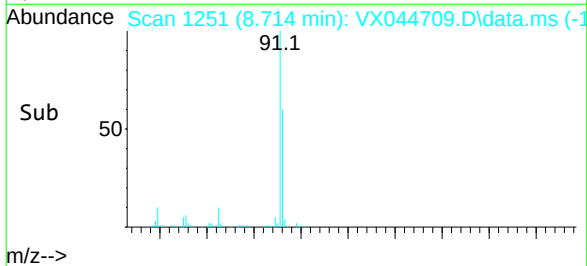
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

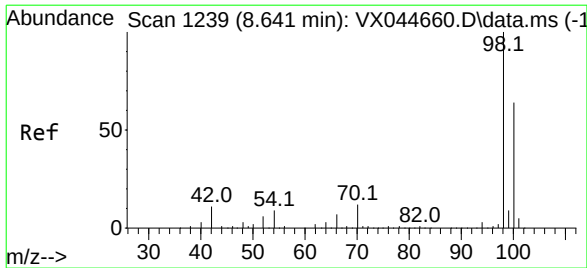


#62
Toluene
Concen: 20.734 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



Tgt Ion: 91 Resp: 198013
Ion Ratio Lower Upper
91 100
92 58.5 47.3 70.9





#63

Toluene-d8

Concen: 30.323 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 239205

Ion Ratio Lower Upper

98 100

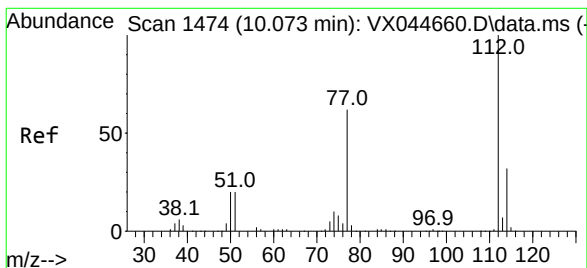
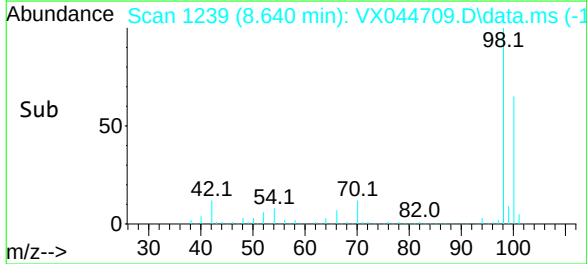
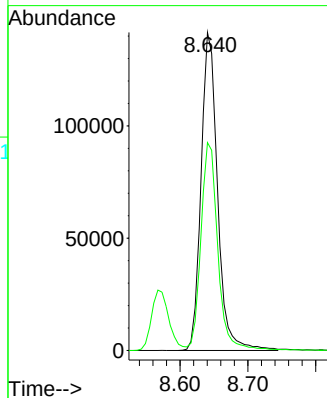
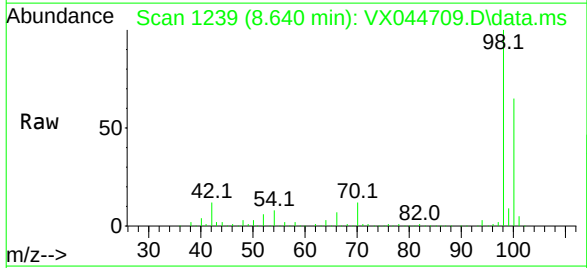
100 64.6 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#64

Chlorobenzene

Concen: 20.925 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX044709.D

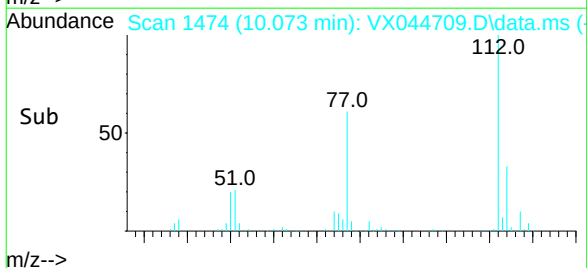
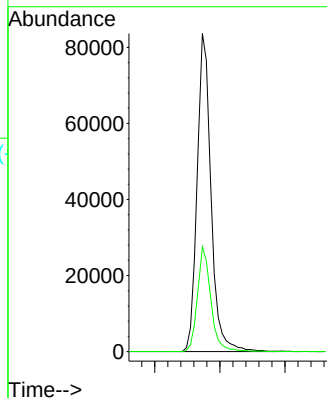
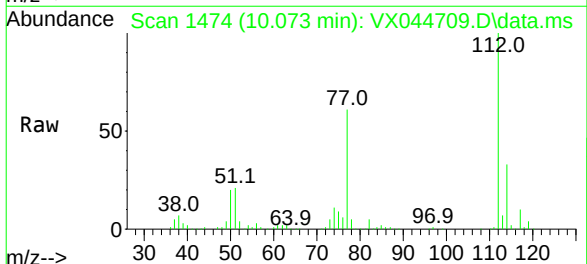
Acq: 23 Jan 2025 15:45

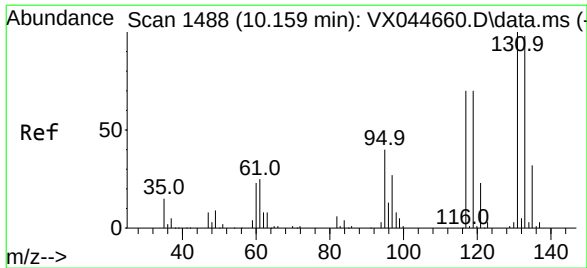
Tgt Ion:112 Resp: 124112

Ion Ratio Lower Upper

112 100

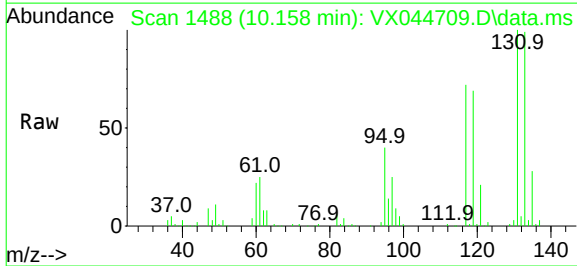
114 32.9 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 19.753 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

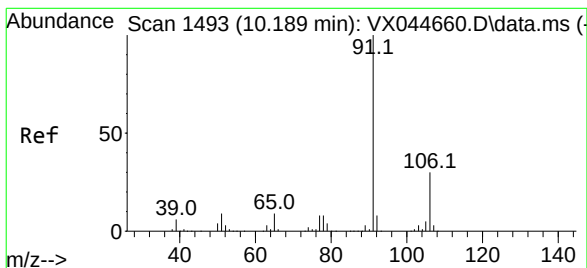
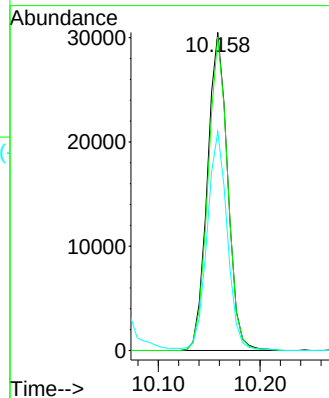
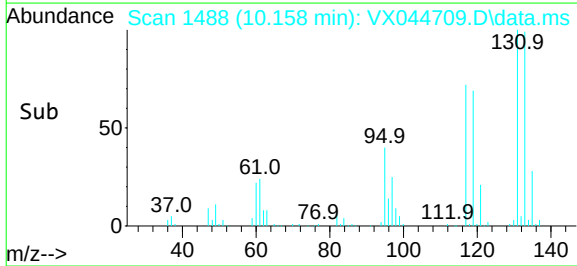
Instrument : MSVOA_X
ClientSampleId : VSTDCCC020EC



Tgt Ion: 131 Resp: 42086
Ion Ratio Lower Upper
131 100
133 96.1 0.0 192.4
119 68.4 0.0 133.4

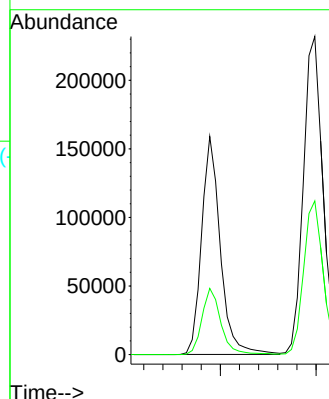
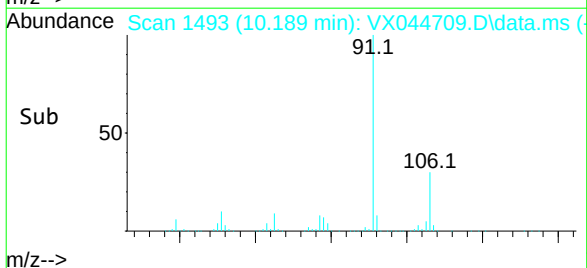
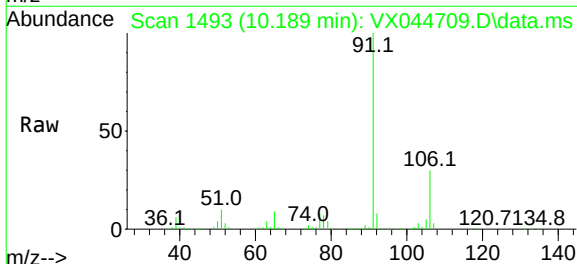
Manual Integrations
APPROVED

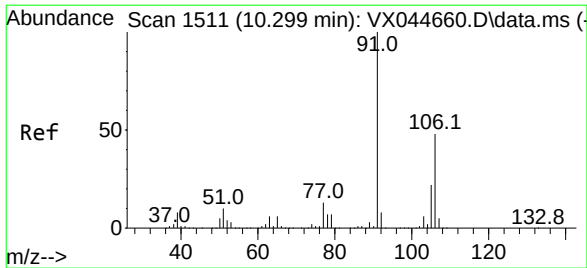
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#66
Ethyl Benzene
Concen: 20.768 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 91 Resp: 216447
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





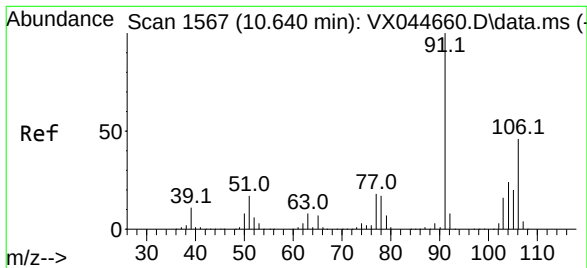
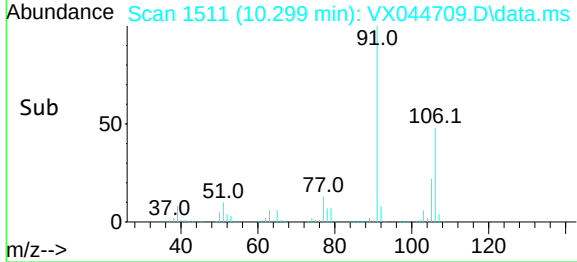
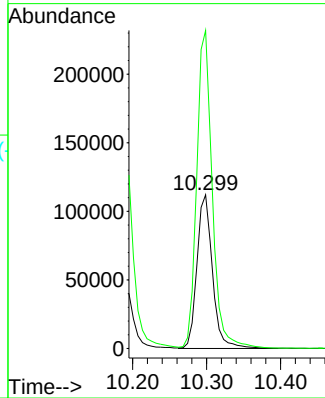
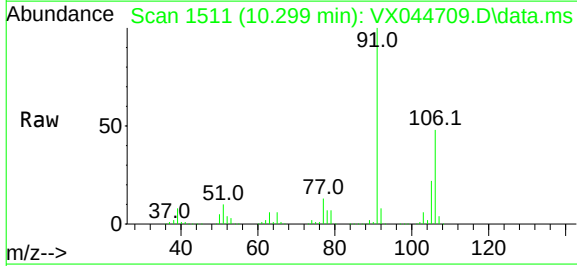
#67
m/p-Xylenes
Concen: 42.756 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 163801
Ion Ratio Lower Upper
106 100
91 206.1 166.8 250.2

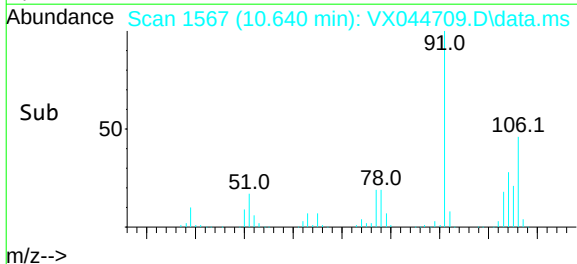
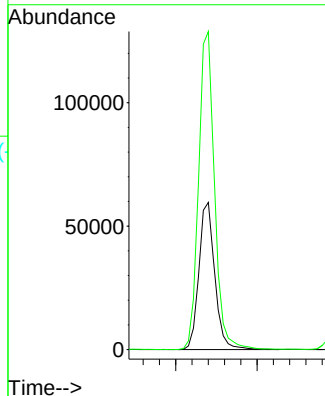
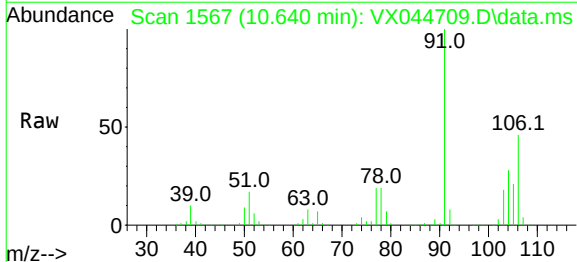
Manual Integrations
APPROVED

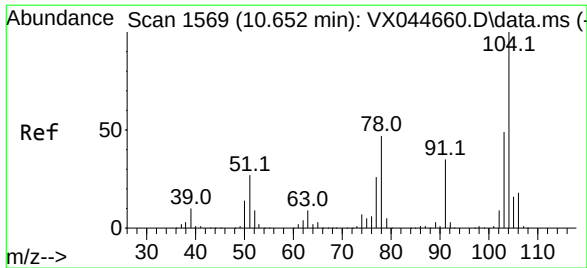
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#68
o-Xylene
Concen: 21.042 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion:106 Resp: 80909
Ion Ratio Lower Upper
106 100
91 216.7 109.7 329.1





#69

Styrene

Concen: 21.125 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

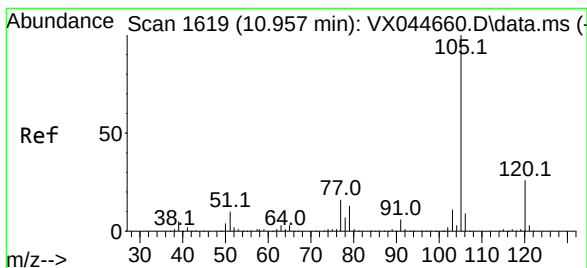
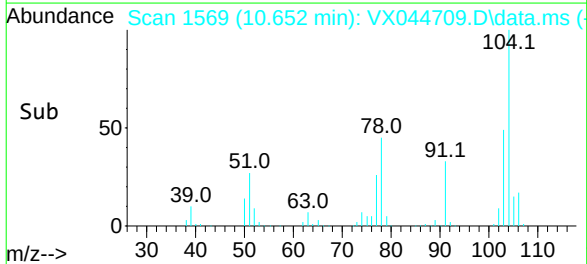
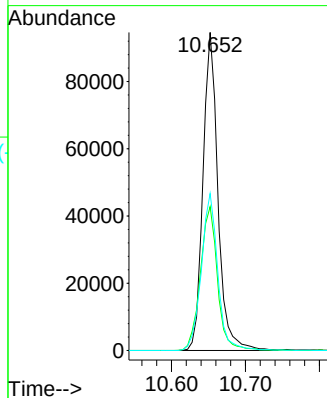
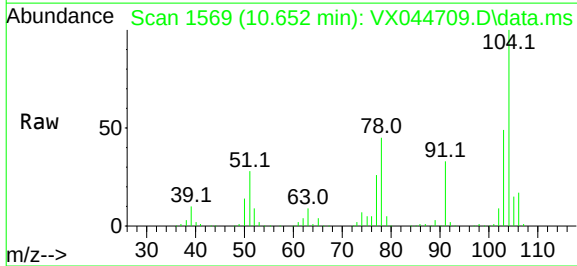
VSTDCCC020EC

Tgt Ion:	104	Resp:	133360
Ion Ratio	Lower	Upper	
104	100		
78	51.4	42.0	63.0
103	54.1	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#70

Isopropylbenzene

Concen: 21.448 ug/l

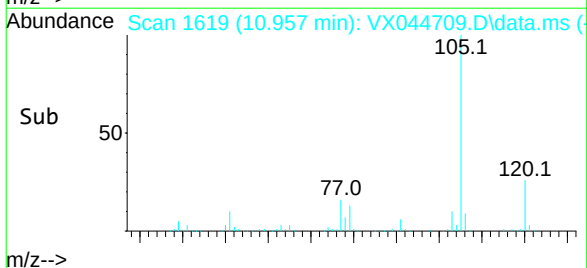
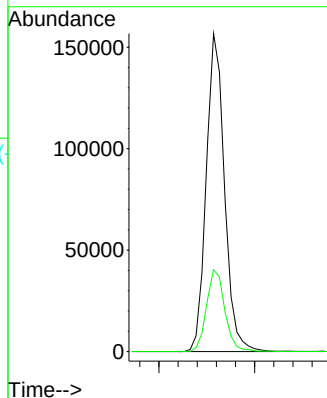
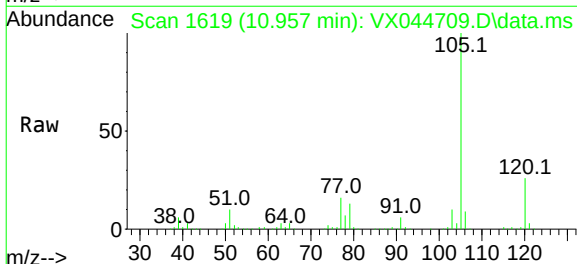
RT: 10.957 min Scan# 1619

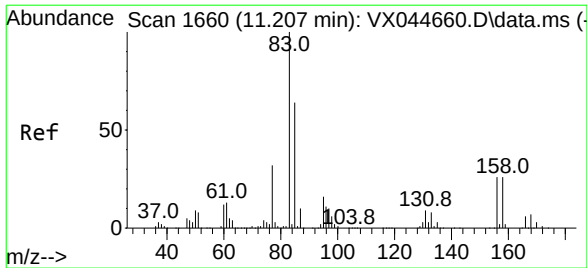
Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Tgt Ion:	105	Resp:	207325
Ion Ratio	Lower	Upper	
105	100		
120	25.8	18.6	34.6





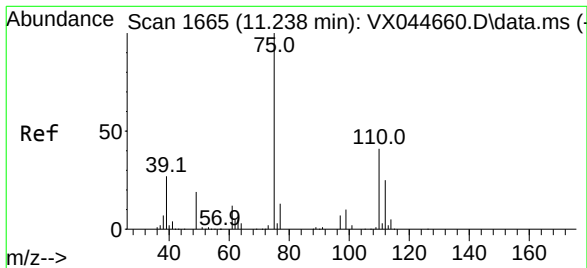
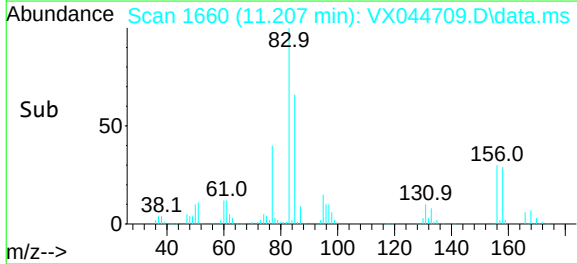
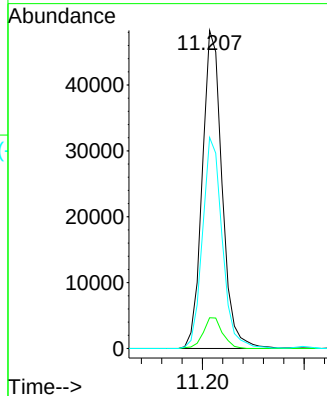
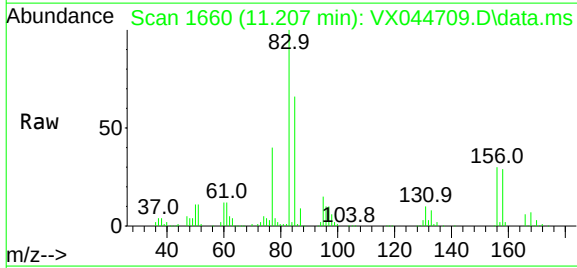
#71
1,1,2,2-Tetrachloroethane
Concen: 20.047 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.0	14.9
85	66.3	33.0	99.0

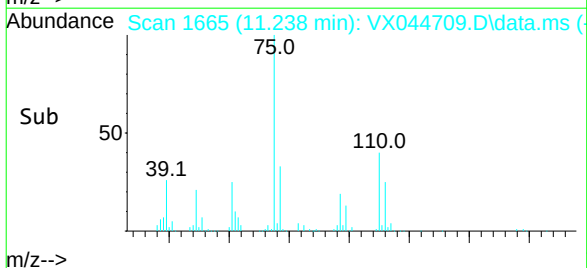
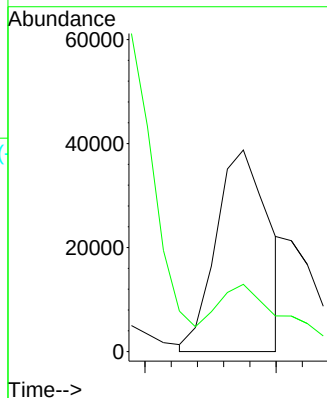
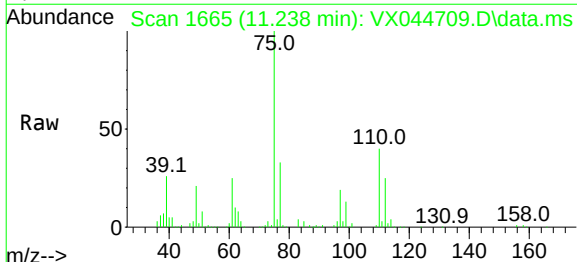
Manual Integrations
APPROVED

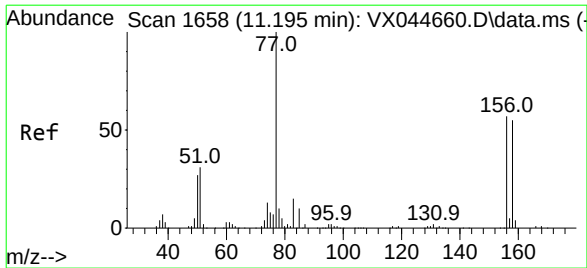
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#72
1,2,3-Trichloropropane
Concen: 19.710 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.0	0.0	83.0





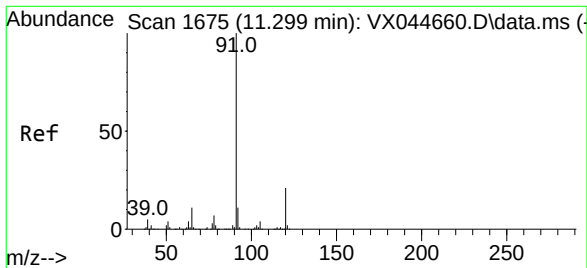
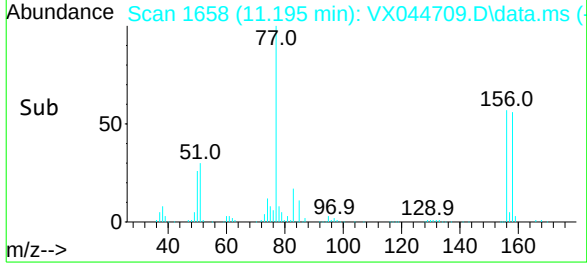
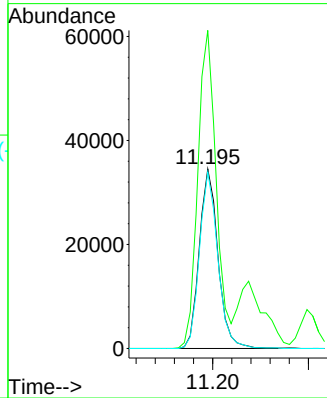
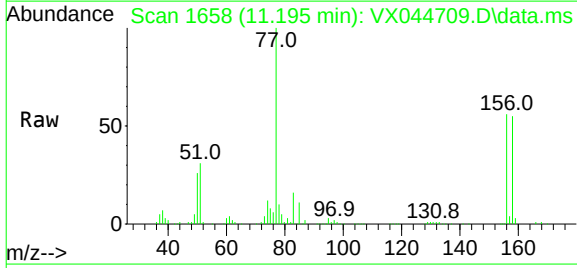
#73
Bromobenzene
Concen: 20.818 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 46879
Ion Ratio Lower Upper
156 100
77 173.9 0.0 354.6
158 96.3 0.0 193.6

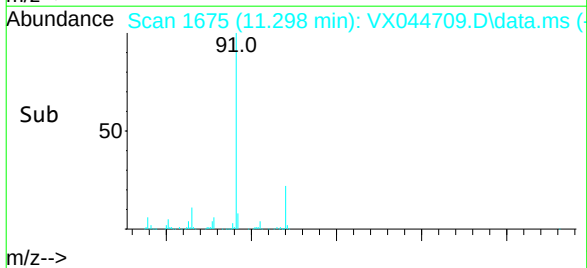
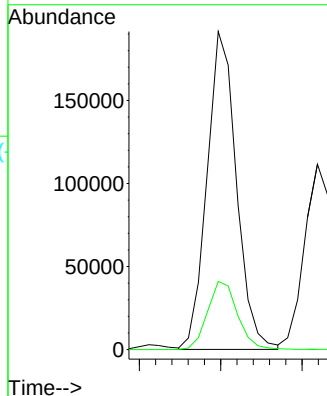
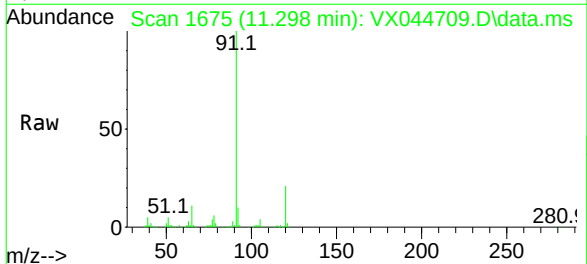
Manual Integrations
APPROVED

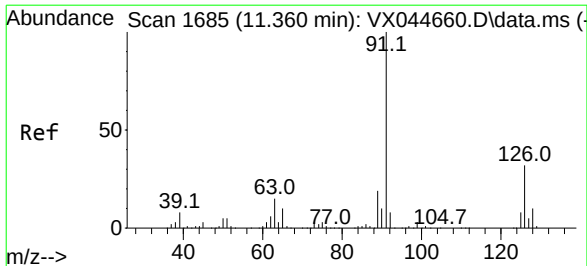
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#74
n-propylbenzene
Concen: 21.911 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 91 Resp: 240569
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





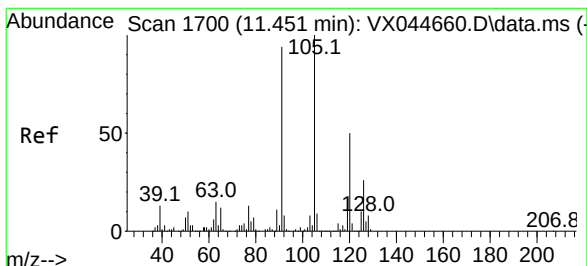
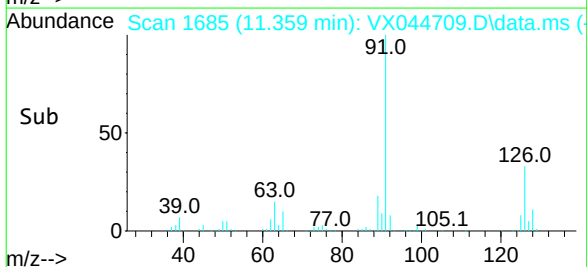
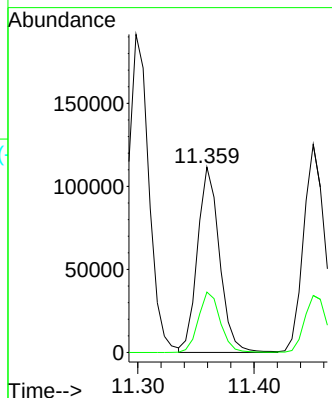
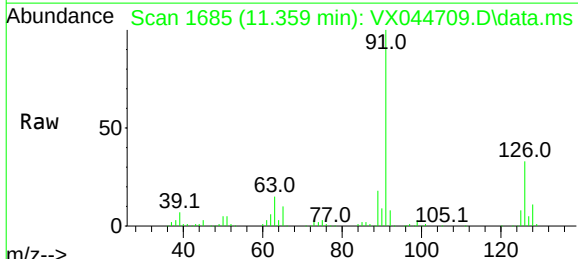
#75
2-Chlorotoluene
Concen: 21.346 ug/l
RT: 11.359 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 147340
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0

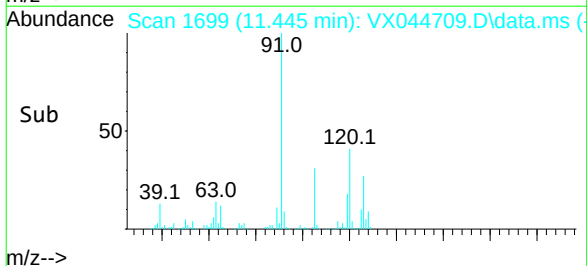
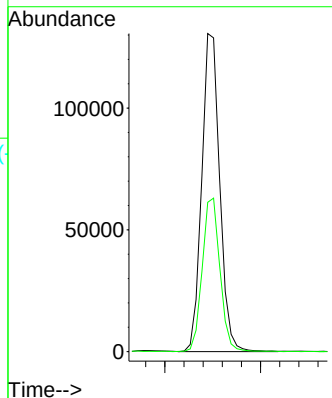
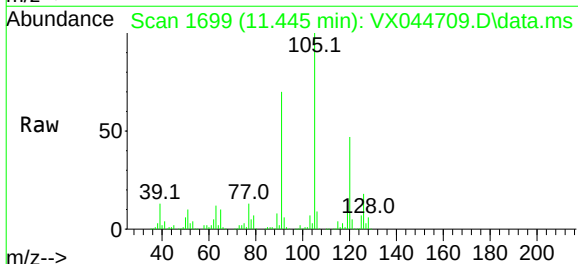
Manual Integrations
APPROVED

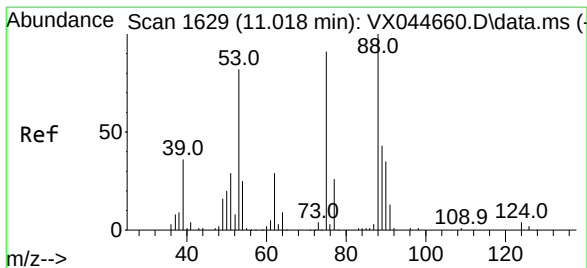
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.700 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion:105 Resp: 170345
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.680 ug/l

RT: 11.018 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044709.D

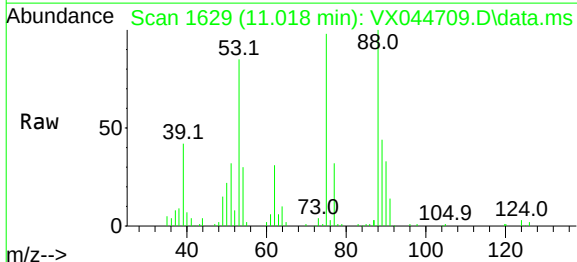
Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 22866

Ion Ratio Lower Upper

75 100

53 86.4 45.3 135.9

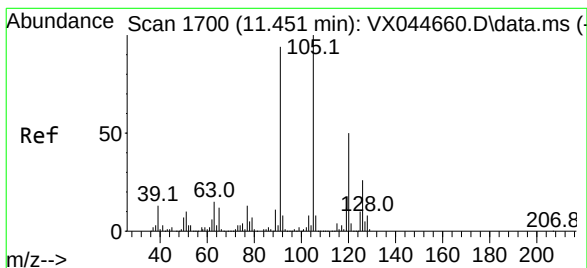
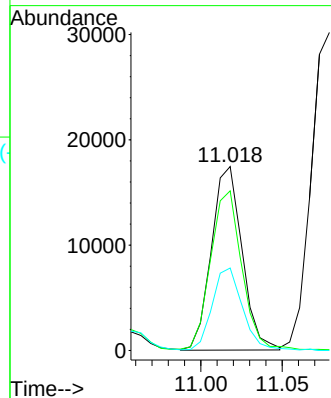
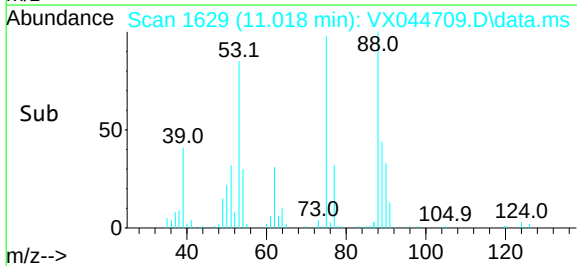
89 44.7 23.8 71.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#78

4-Chlorotoluene

Concen: 21.319 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044709.D

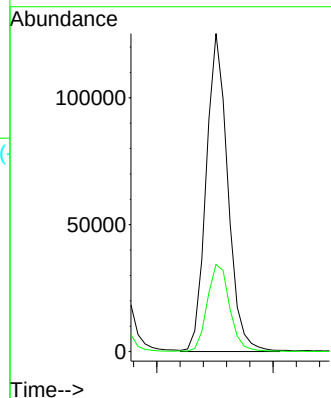
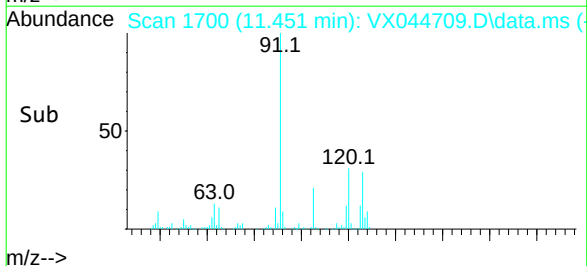
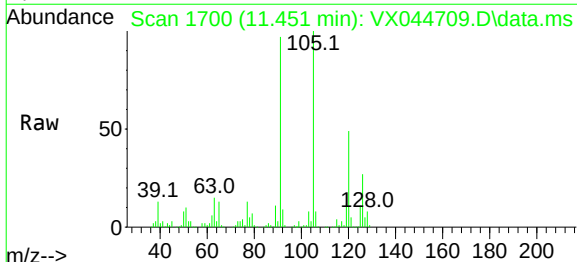
Acq: 23 Jan 2025 15:45

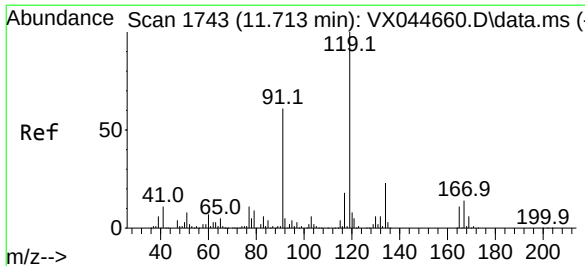
Tgt Ion: 91 Resp: 162145

Ion Ratio Lower Upper

91 100

126 28.2 0.0 55.4





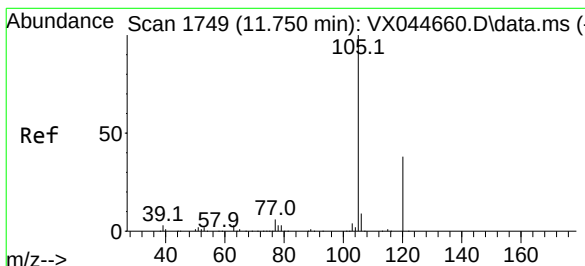
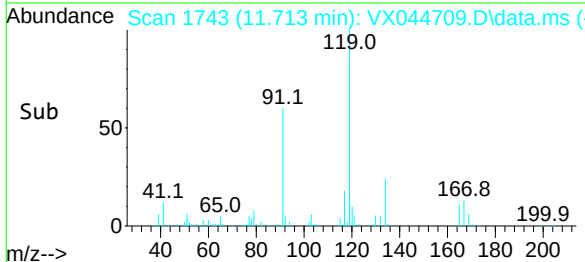
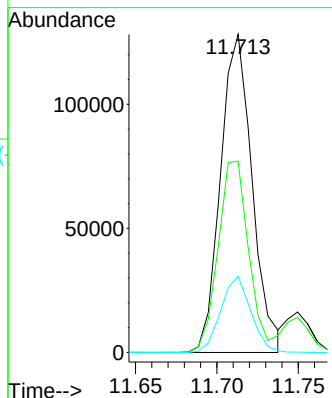
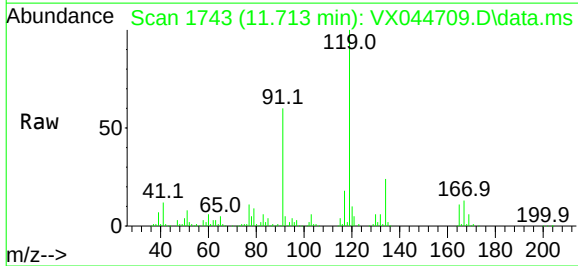
#79
tert-butylbenzene
Concen: 21.474 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 173178
Ion Ratio Lower Upper
119 100
91 58.0 0.0 119.0
134 22.7 0.0 44.8

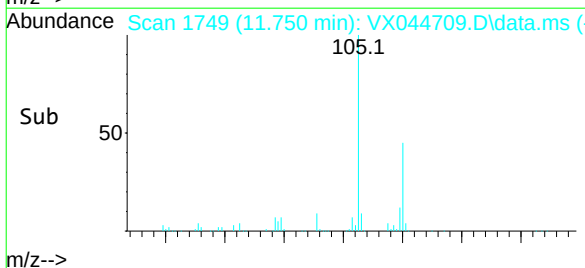
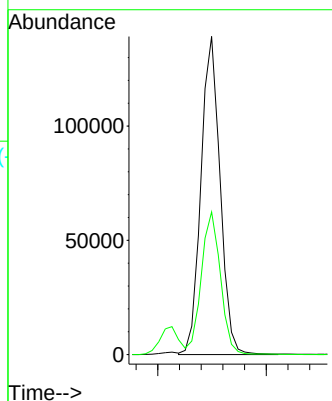
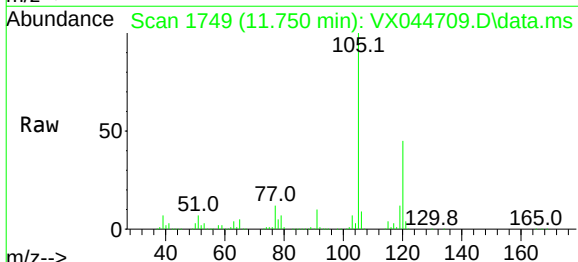
Manual Integrations
APPROVED

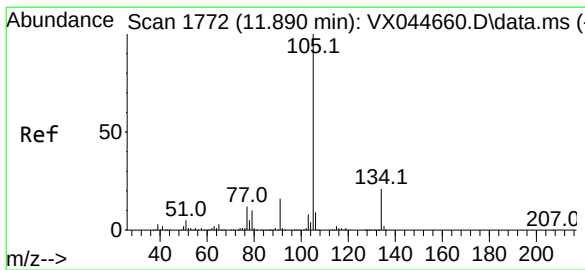
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.581 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion:105 Resp: 170921
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.4





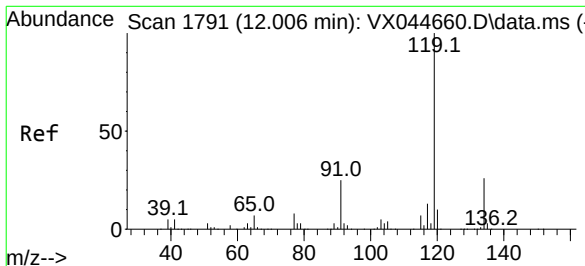
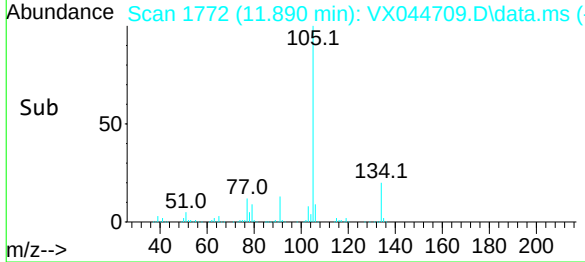
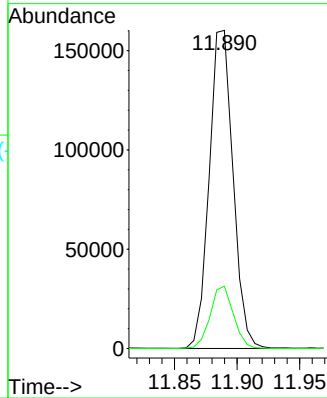
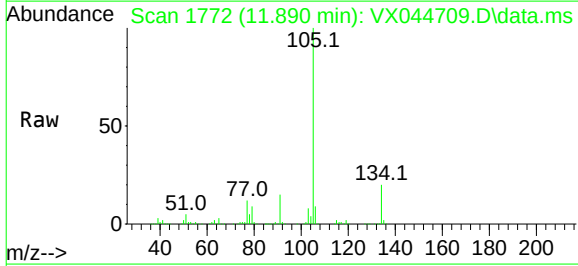
#81
sec-Butylbenzene
Concen: 22.035 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 212187
Ion Ratio Lower Upper
105 100
134 19.1 0.0 39.6

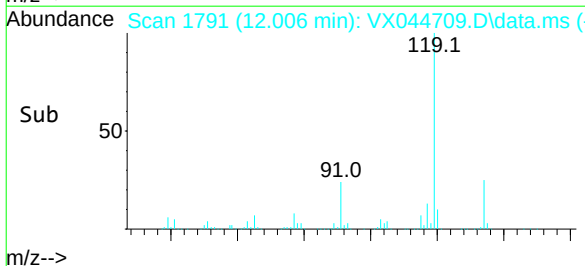
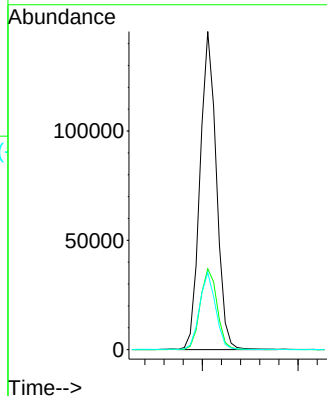
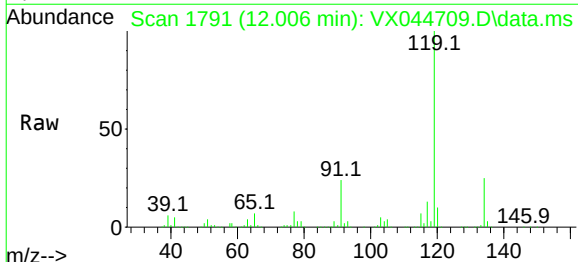
Manual Integrations
APPROVED

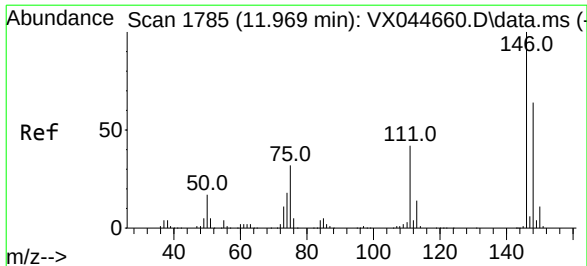
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#82
p-Isopropyltoluene
Concen: 21.790 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

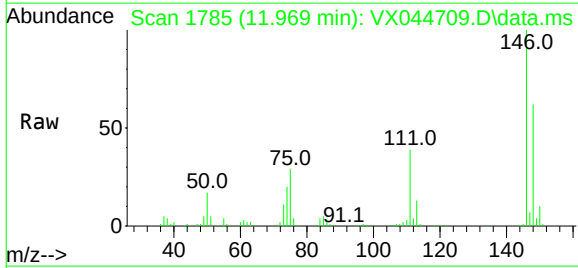
Tgt Ion:119 Resp: 172695
Ion Ratio Lower Upper
119 100
134 26.1 0.0 52.2
91 23.7 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 21.141 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

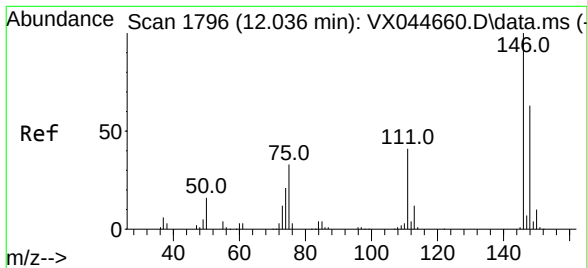
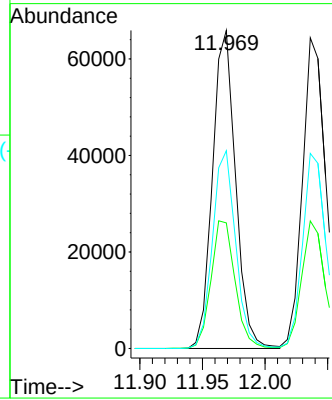
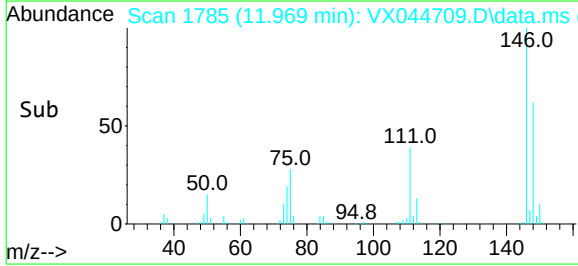
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



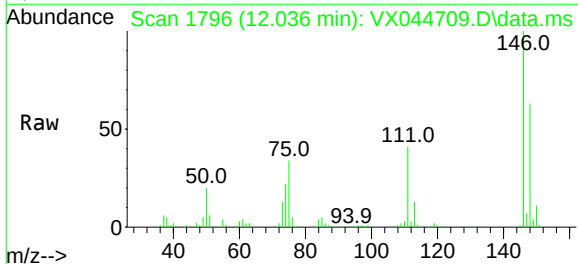
Tgt Ion:146 Resp: 84559
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 62.4 31.6 94.7

Manual Integrations
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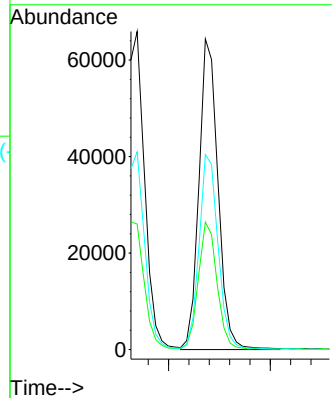
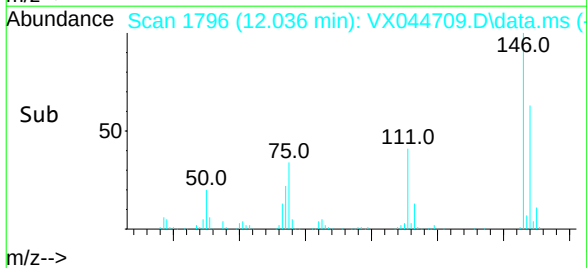
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

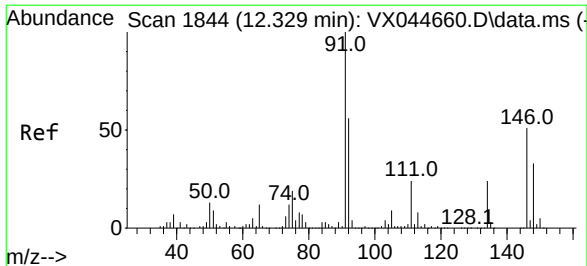


#84
1,4-Dichlorobenzene
Concen: 21.369 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



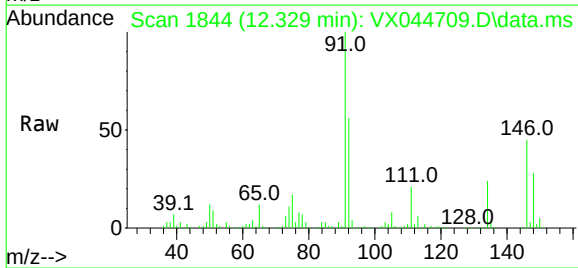
Tgt Ion:146 Resp: 83787
Ion Ratio Lower Upper
146 100
111 40.3 20.8 62.5
148 63.1 32.1 96.5





#85
n-Butylbenzene
Concen: 21.946 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

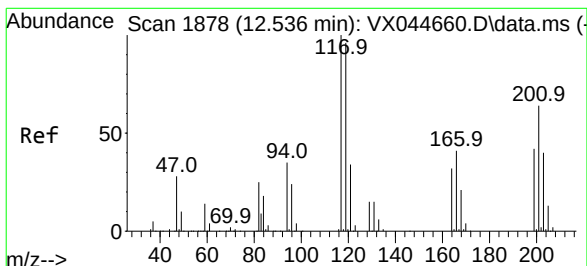
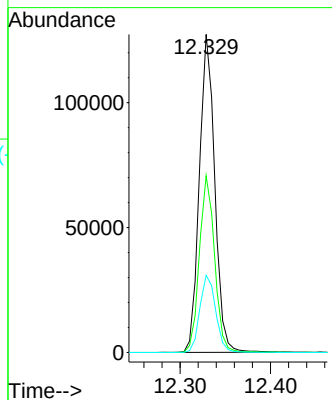
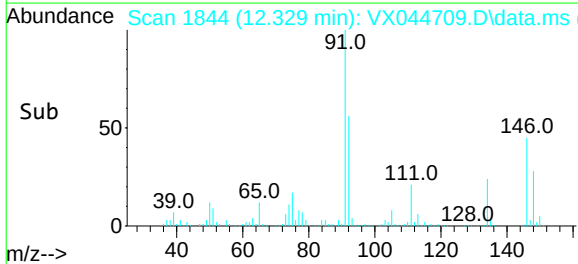
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 150767
Ion Ratio Lower Upper
91 100
92 54.9 0.0 109.4
134 24.9 0.0 49.2

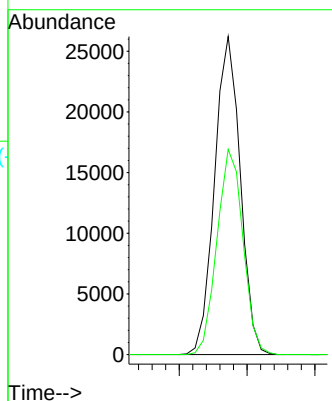
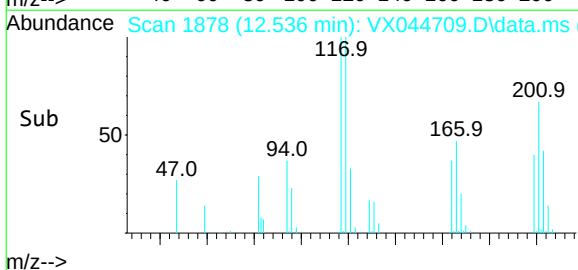
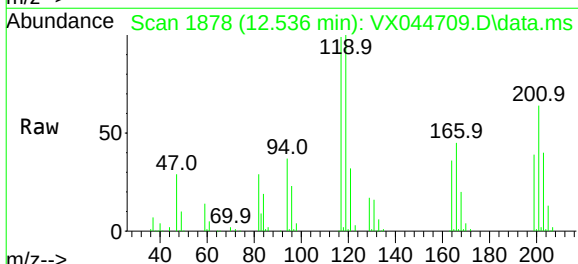
Manual Integrations
APPROVED

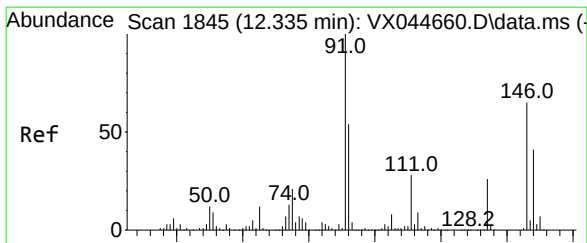
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#86
Hexachloroethane
Concen: 19.823 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

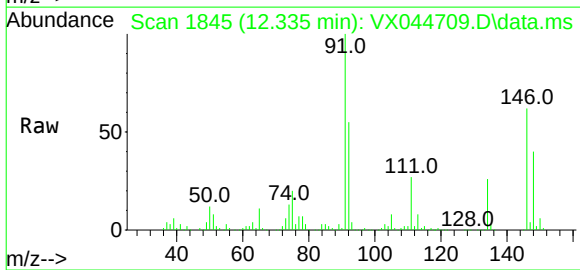
Tgt Ion:117 Resp: 34560
Ion Ratio Lower Upper
117 100
201 65.3 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 20.952 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

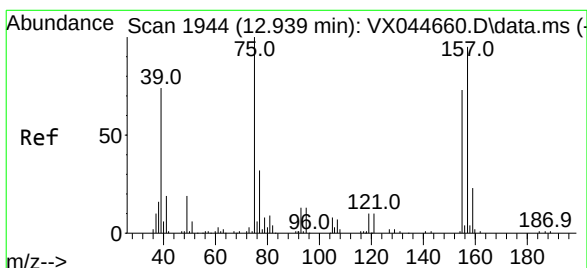
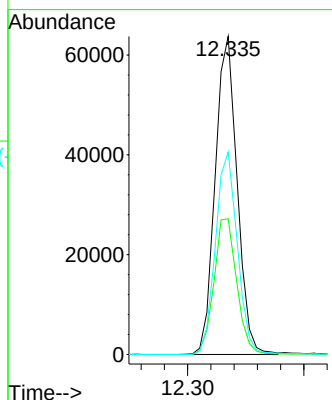
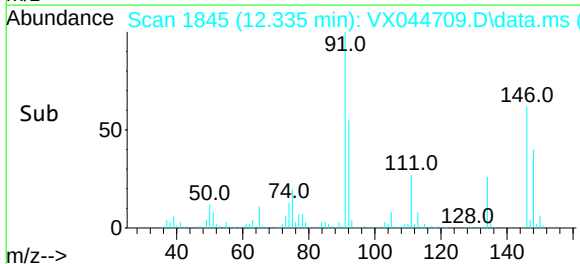
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 83685
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 63.5 32.1 96.3

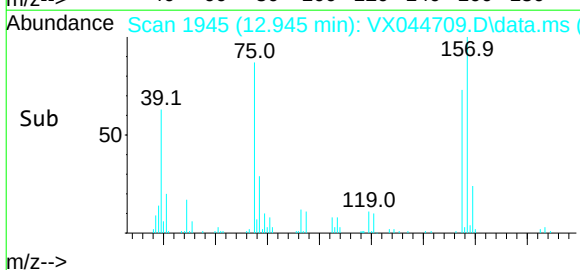
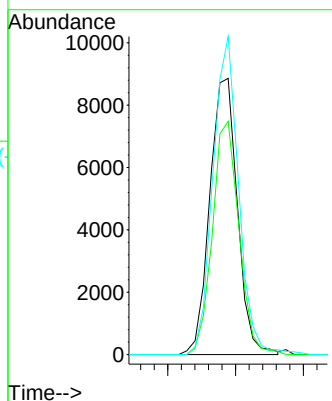
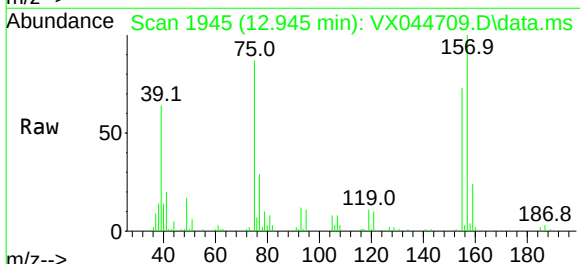
Manual Integrations
APPROVED

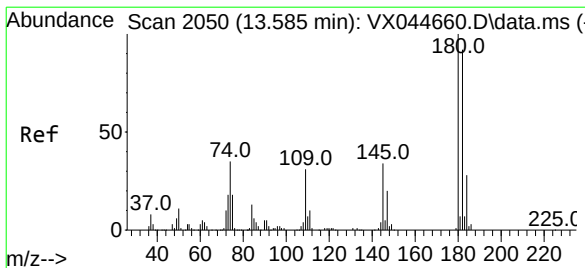
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.041 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

Tgt Ion: 75 Resp: 12555
Ion Ratio Lower Upper
75 100
155 80.9 62.3 93.5
157 107.3 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 20.503 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

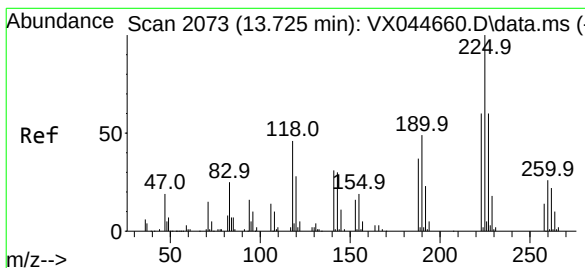
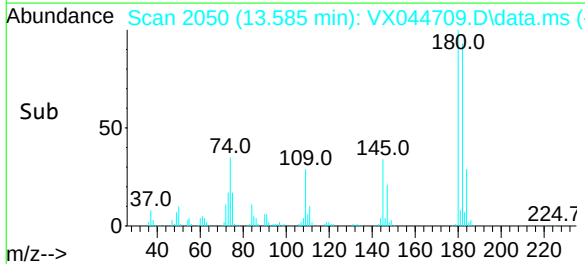
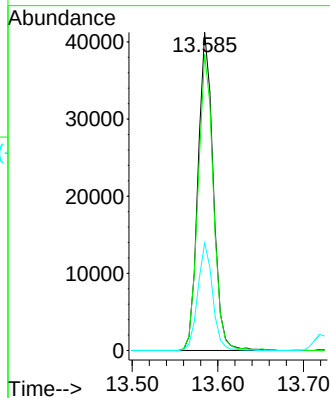
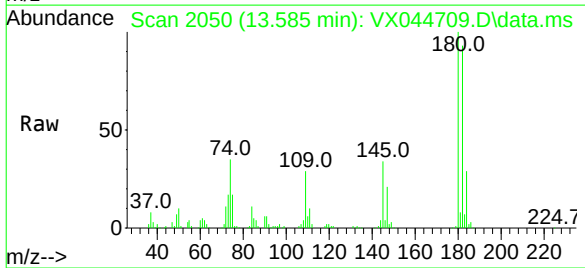
VSTDCCC020EC

Tgt Ion:	180	Resp:	50890
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.6	113.4
145	32.9	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#90

Hexachlorobutadiene

Concen: 20.878 ug/l

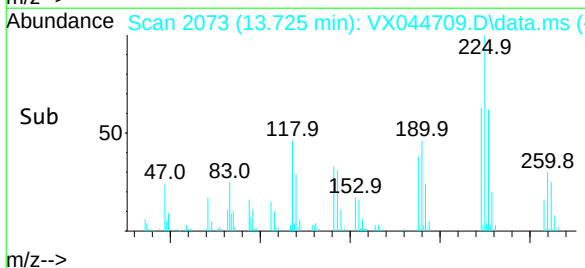
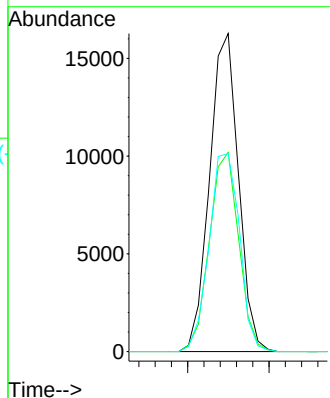
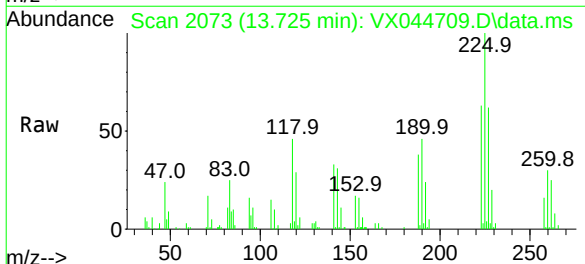
RT: 13.725 min Scan# 2073

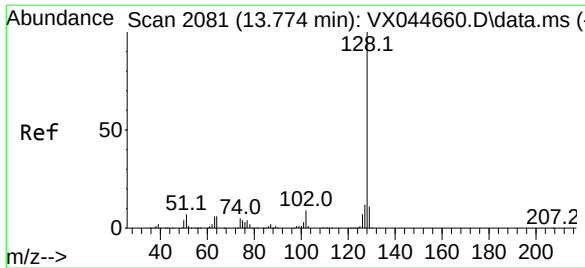
Delta R.T. -0.000 min

Lab File: VX044709.D

Acq: 23 Jan 2025 15:45

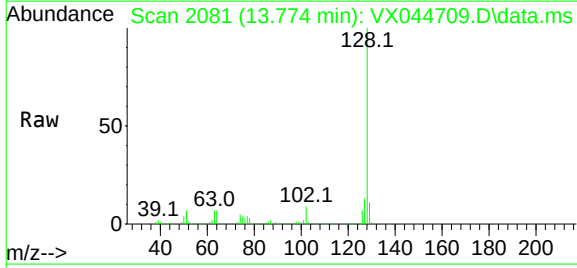
Tgt Ion:	225	Resp:	20045
Ion Ratio	Lower	Upper	
225	100		
223	63.7	0.0	123.0
227	65.8	0.0	124.2





#91
Naphthalene
Concen: 19.647 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45

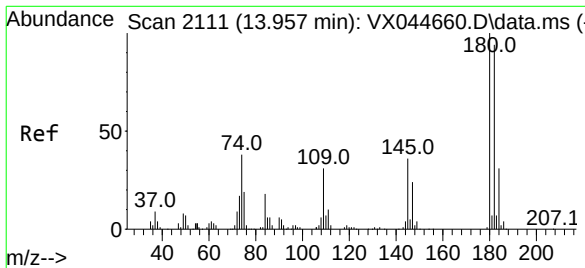
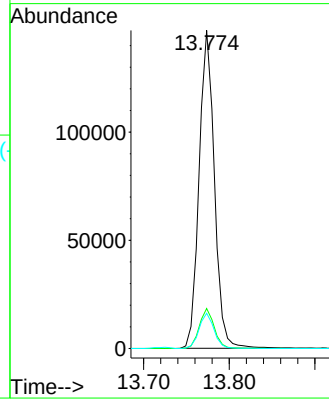
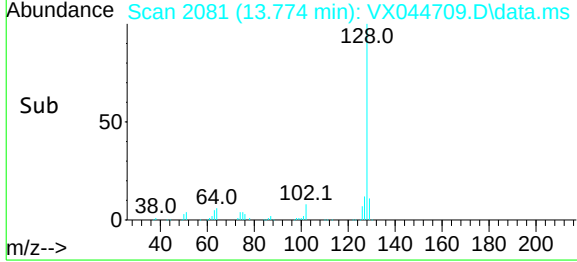
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



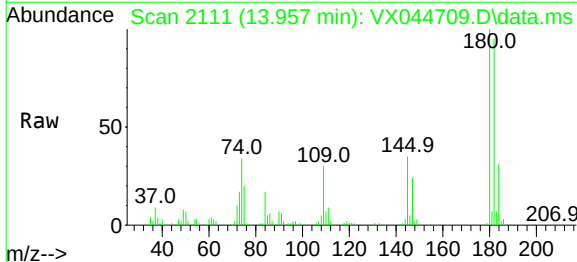
Tgt Ion:128 Resp: 182443
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.417 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044709.D
Acq: 23 Jan 2025 15:45



Tgt Ion:180 Resp: 51543
Ion Ratio Lower Upper
180 100
182 95.3 0.0 187.8
145 35.2 0.0 69.8

