

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044666.D
 Acq On : 16 Jan 2025 12:15
 Operator :
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Quant Time: Jan 17 01:29:07 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 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Bromochloromethane	4.885	128	28646	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	161068	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	140626	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	82676	29.896	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.667%		
60) 4-Bromofluorobenzene	11.079	95	82354	30.151	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.500%		
63) Toluene-d8	8.641	98	234772	30.695	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53644m	21.062	ug/l	
3) Chloromethane	1.301	50	55468	20.703	ug/l	99
4) Vinyl Chloride	1.374	62	54617	20.835	ug/l	98
5) Bromomethane	1.593	94	12579	19.855	ug/l	97
6) Chloroethane	1.660	64	8157	19.625	ug/l	99
7) Trichlorofluoromethane	1.868	101	59616	20.766	ug/l	100
8) Diethyl Ether	2.130	74	22534	20.347	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	44215	21.498	ug/l	99
10) 1,1-Dichloroethene	2.307	96	42986	20.316	ug/l	95
11) Methyl Iodide	2.441	142	59633	20.338	ug/l	99
12) Methyl Acetate	2.703	43	67172	21.745	ug/l	97
13) Acrolein	2.233	56	31492	92.186	ug/l	98
14) Acrylonitrile	3.062	53	125390	111.396	ug/l	100
15) Acetone	2.386	58	35094	116.189	ug/l	99
16) Carbon Disulfide	2.502	76	121993	20.746	ug/l	99
17) Allyl chloride	2.654	41	80203	21.019	ug/l	95
18) Methylene Chloride	2.782	84	47967	20.257	ug/l	99
19) trans-1,2-Dichloroethene	3.081	96	43887	20.859	ug/l	99
20) Diisopropyl ether	3.757	45	147353	21.276	ug/l	98
21) 1,1-Dichloroethane	3.599	63	86072	20.950	ug/l	96
22) cis-1,2-Dichloroethene	4.477	96	54221	20.822	ug/l	98
23) tert-Butyl Alcohol	2.977	59	60925m	111.906	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	153650	20.958	ug/l	98
25) Chloroform	5.080	83	86031	21.074	ug/l	97
26) Cyclohexane	5.458	56	75656	21.910	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	59004	21.061	ug/l	99
30) 2-Butanone	4.556	43	170160	110.567	ug/l	99
31) 2,2-Dichloropropane	4.465	77	78718	20.305	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	75532	20.344	ug/l	98
33) Carbon Tetrachloride	5.666	117	63350	20.227	ug/l	99
34) Benzene	6.025	78	185201	20.720	ug/l	99
35) Methacrylonitrile	4.916	41	35847	20.841	ug/l	98
36) 1,2-Dichloroethane	6.080	62	66201	20.715	ug/l	100
37) Trichloroethene	7.117	130	43327	20.077	ug/l	93
38) Methylcyclohexane	7.373	83	82233	21.603	ug/l	100
39) 1,2-Dichloropropane	7.421	63	44731	20.069	ug/l	99
40) Dibromomethane	7.574	93	33904	20.460	ug/l	98
41) Bromodichloromethane	7.818	83	69875	20.422	ug/l	99
42) Vinyl Acetate	3.715	43	651542	106.604	ug/l	100

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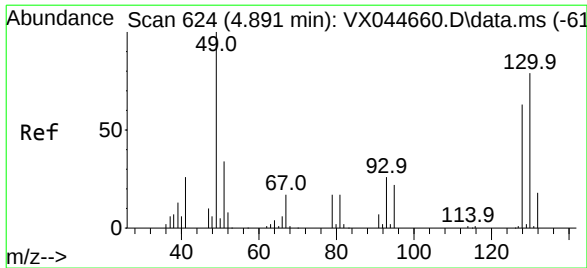
Manual Integrations
 APPROVED

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

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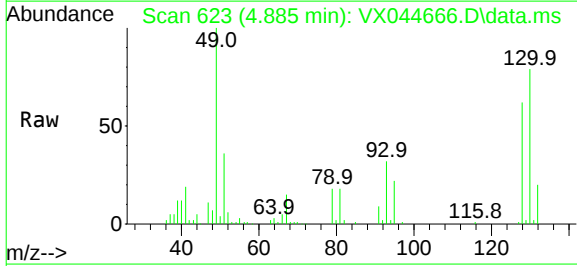
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	66567	22.050	ug/l	# 97
44) Isopropyl Acetate	6.336	43	115313	21.262	ug/l	99
45) 1,4-Dioxane	7.671	88	22029	426.557	ug/l	99
46) Methyl methacrylate	7.690	41	55535	20.919	ug/l	98
47) n-amyl Acetate	10.842	43	97092	21.332	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	74132	20.527	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	80553	20.801	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	45067	21.117	ug/l	98
51) Ethyl methacrylate	9.116	69	78385	21.143	ug/l	98
52) 1,3-Dichloropropane	9.305	76	78159	21.175	ug/l	99
53) Dibromochloromethane	9.519	129	52705	20.667	ug/l	98
54) 1,2-Dibromoethane	9.604	107	46527	20.623	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	213218	118.530	ug/l	99
56) Bromoform	10.799	173	34344	20.310	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	327477	110.478	ug/l	100
59) 2-Hexanone	9.433	43	242671	111.825	ug/l	100
61) Tetrachloroethene	9.269	164	35664	21.142	ug/l	99
62) Toluene	8.714	91	197514	21.330	ug/l	98
64) Chlorobenzene	10.073	112	122046	21.222	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	42978	20.805	ug/l	99
66) Ethyl Benzene	10.189	91	214000	21.177	ug/l	98
67) m/p-Xylenes	10.299	106	161293	43.422	ug/l	100
68) o-Xylene	10.640	106	81063	21.744	ug/l	99
69) Styrene	10.653	104	131432	21.472	ug/l	99
70) Isopropylbenzene	10.957	105	201025	21.449	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	69701	22.122	ug/l	95
72) 1,2,3-Trichloropropane	11.238	75	58065m	21.906	ug/l	
73) Bromobenzene	11.195	156	45546	20.861	ug/l	99
74) n-propylbenzene	11.299	91	229406	21.550	ug/l	99
75) 2-Chlorotoluene	11.360	91	145209	21.697	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	166549	21.882	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	25808	20.580	ug/l	98
78) 4-Chlorotoluene	11.451	91	157409	21.345	ug/l	99
79) tert-butylbenzene	11.713	119	169187	21.638	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	165173	21.509	ug/l	100
81) sec-Butylbenzene	11.890	105	204493	21.902	ug/l	99
82) p-Isopropyltoluene	12.006	119	164534	21.412	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	80958	20.876	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	80775	21.247	ug/l	99
85) n-Butylbenzene	12.329	91	139667	20.968	ug/l	99
86) Hexachloroethane	12.536	117	35119	20.775	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	81019	20.921	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	16207	21.357	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	48252	20.050	ug/l	99
90) Hexachlorobutadiene	13.719	225	19172	20.595	ug/l	98
91) Naphthalene	13.774	128	194561	21.609	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	50711	20.717	ug/l	100

(#) = 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: VX044666.D
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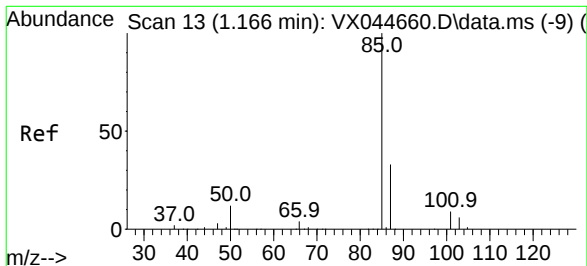
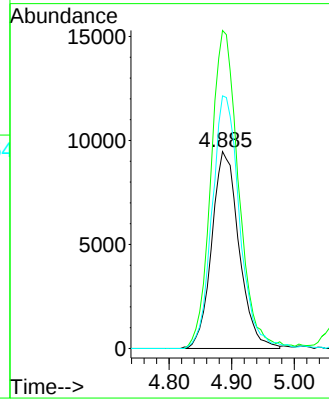
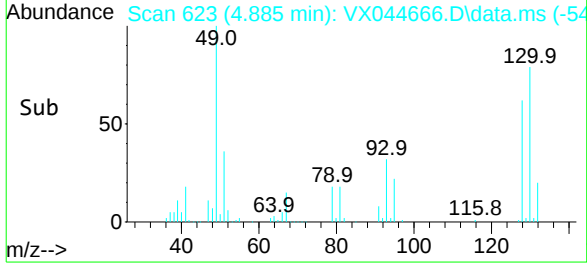
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion:128 Resp: 28646
Ion Ratio Lower Upper
128 100
49 162.8 0.0 411.5
130 129.3 0.0 324.3

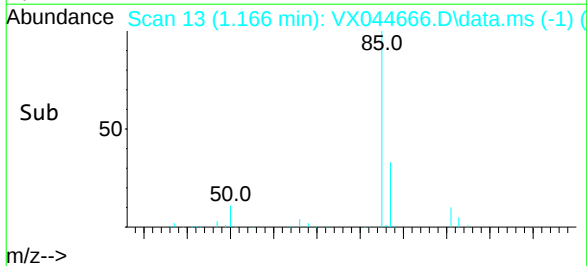
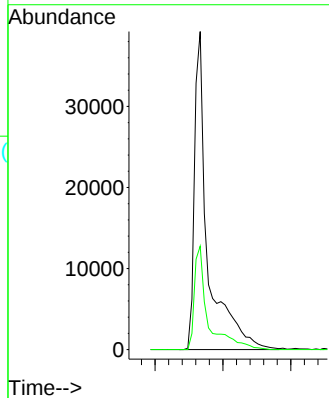
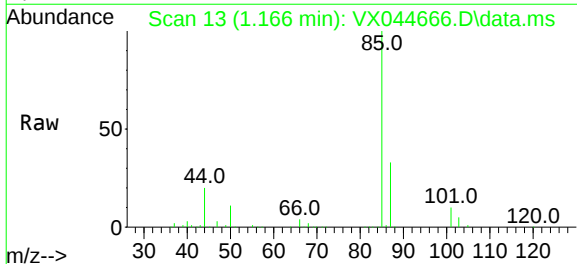
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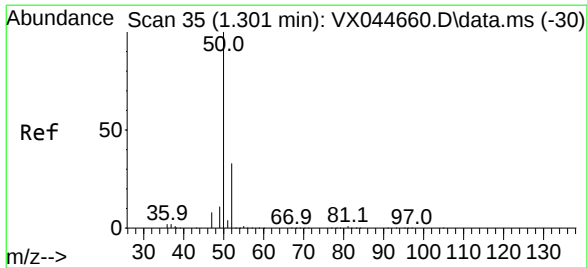
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#2
Dichlorodifluoromethane
Concen: 21.062 ug/l m
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 85 Resp: 53644
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





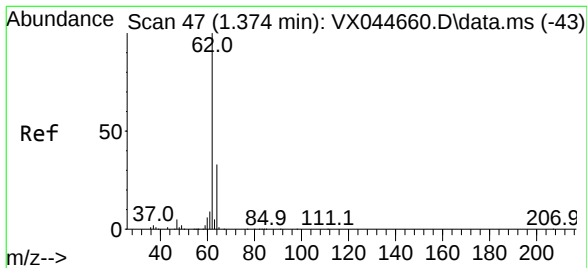
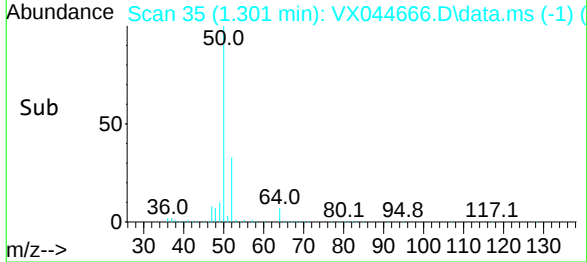
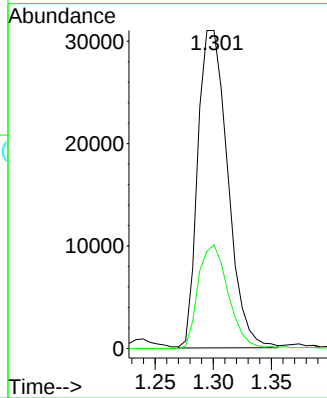
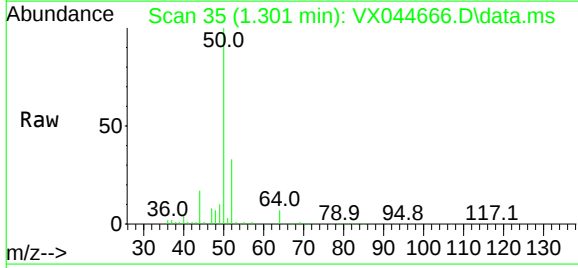
#3
Chloromethane
Concen: 20.703 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion: 50 Resp: 55468
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

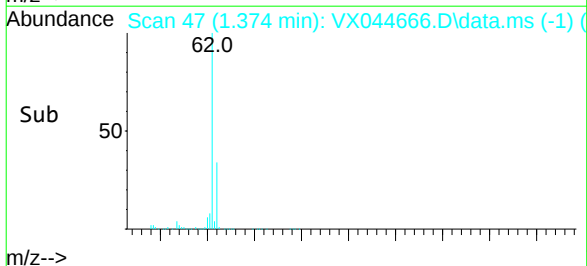
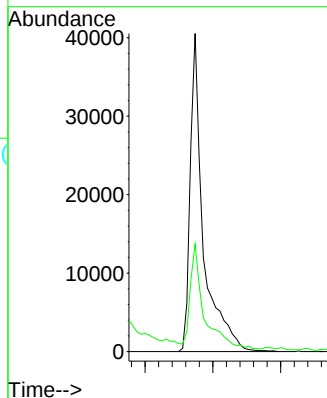
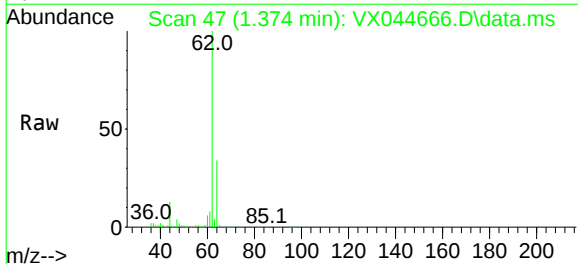
Manual Integrations
APPROVED

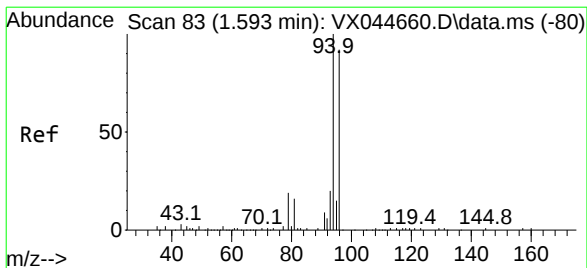
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#4
Vinyl Chloride
Concen: 20.835 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 62 Resp: 54617
Ion Ratio Lower Upper
62 100
64 32.8 27.3 40.9





#5

Bromomethane

Concen: 19.855 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044666.D

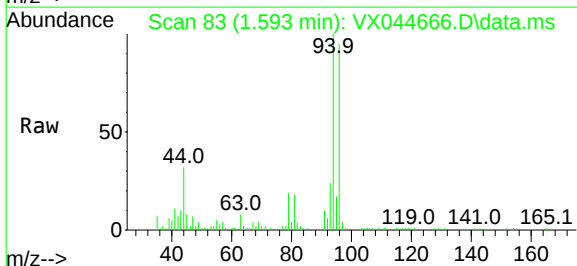
Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01



Tgt Ion: 94 Resp: 12579

Ion Ratio Lower Upper

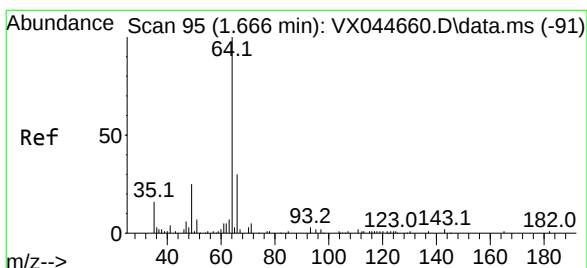
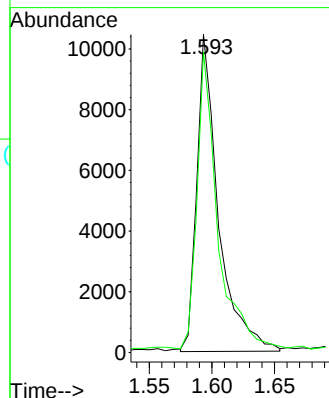
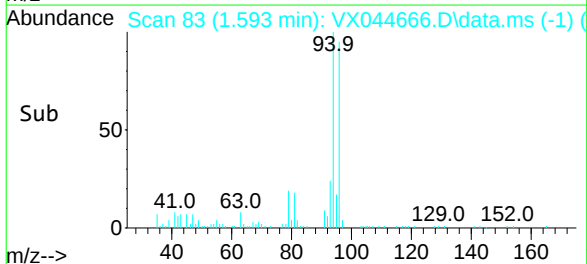
94 100

96 94.4 73.3 109.9

Manual Integrations

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



#6

Chloroethane

Concen: 19.625 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044666.D

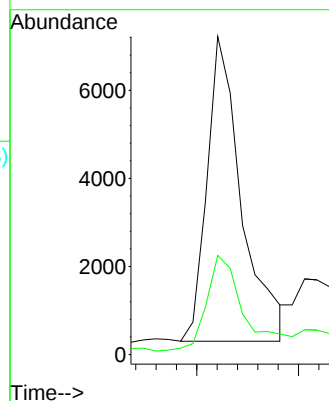
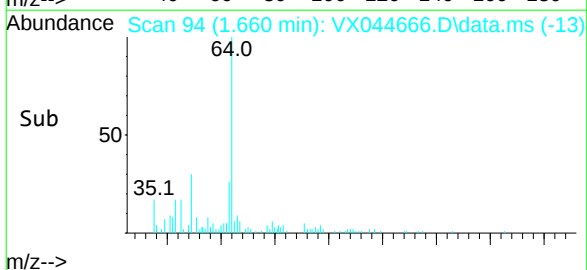
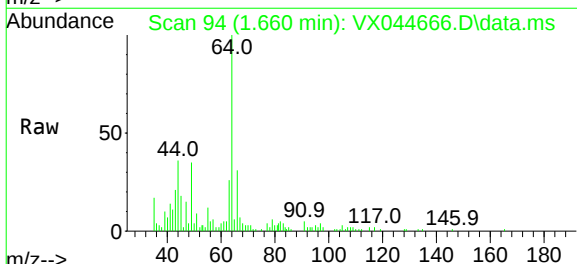
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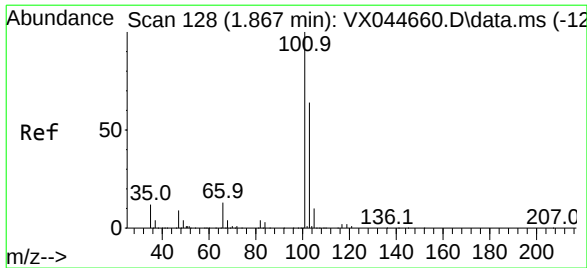
Tgt Ion: 64 Resp: 8157

Ion Ratio Lower Upper

64 100

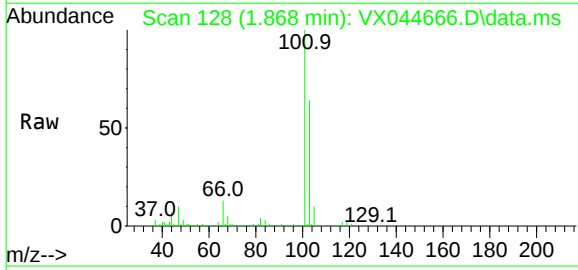
66 30.4 23.8 35.6





#7
Trichlorofluoromethane
Concen: 20.766 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

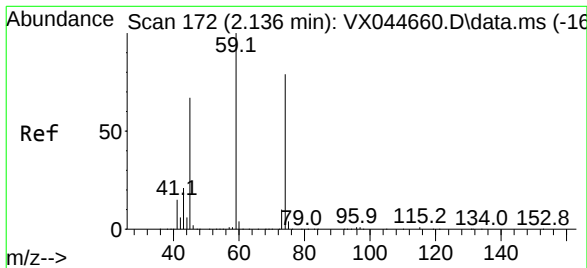
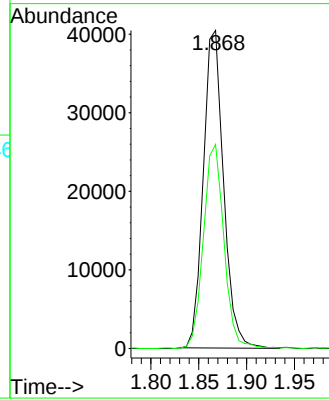
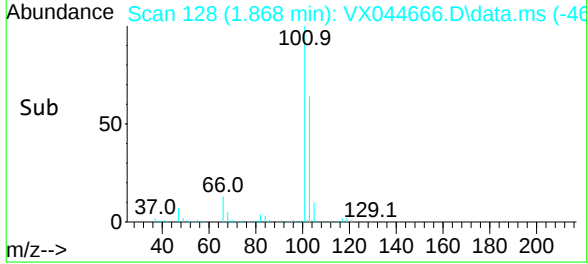
Instrument :
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ClientSampleId :
VX0116WBS01



Tgt Ion:101 Resp: 59616
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7

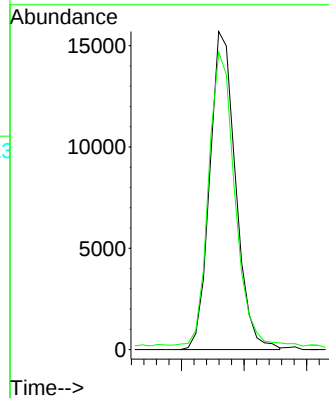
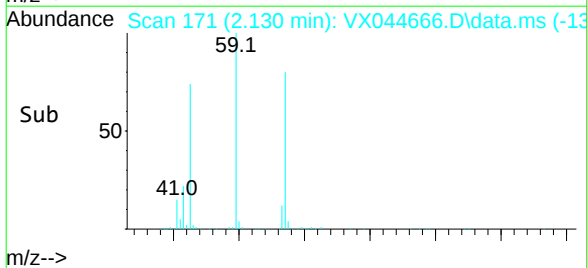
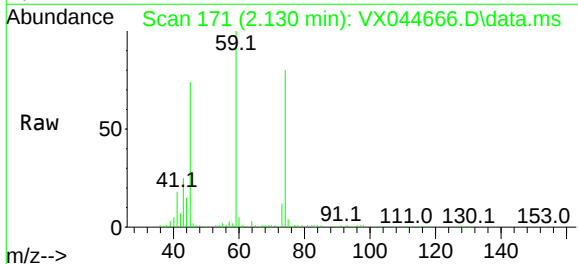
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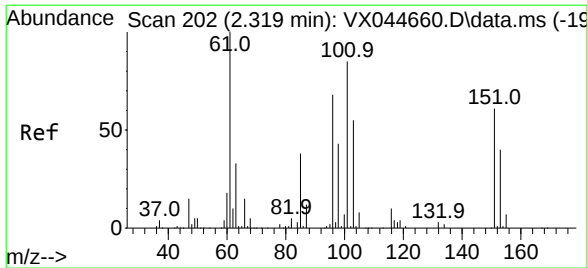
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#8
Diethyl Ether
Concen: 20.347 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 74 Resp: 22534
Ion Ratio Lower Upper
74 100
45 95.4 18.8 168.8





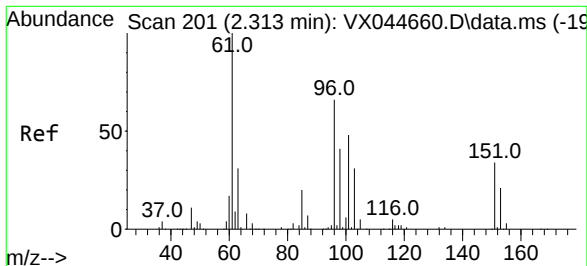
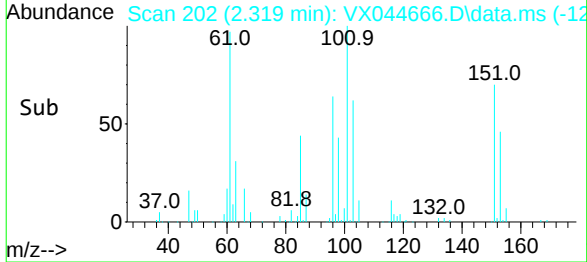
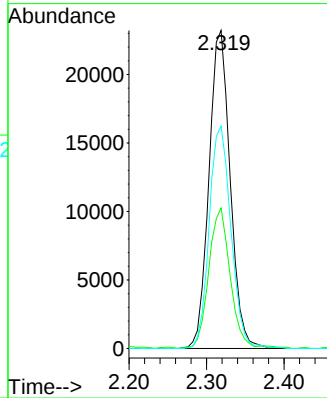
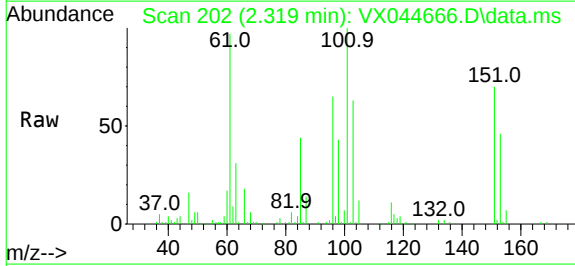
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.498 ug/l
RT: 2.319 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion:101 Resp: 44215
Ion Ratio Lower Upper
101 100
85 44.1 0.0 88.0
151 71.7 0.0 147.0

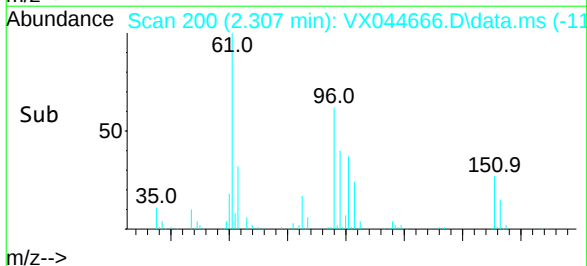
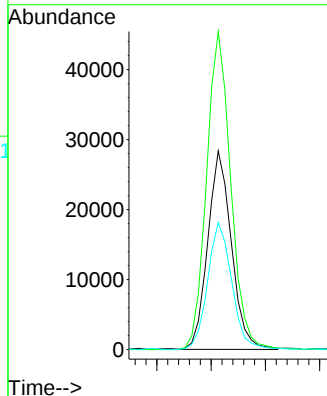
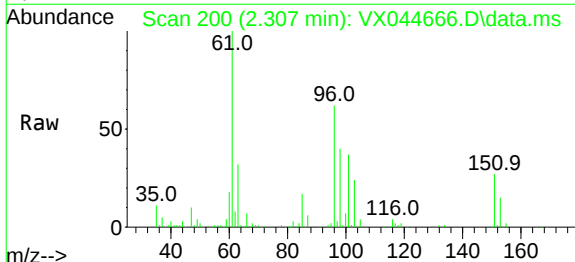
Manual Integrations
APPROVED

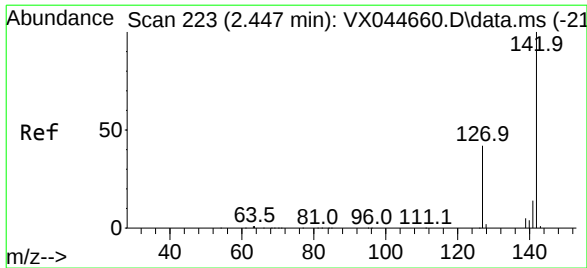
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 20.316 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

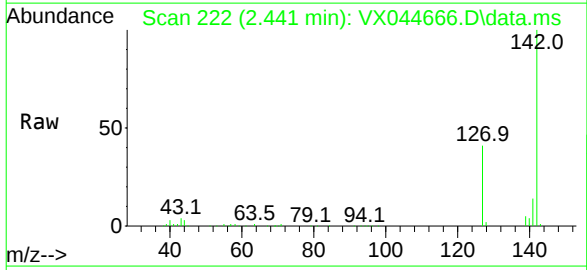
Tgt Ion: 96 Resp: 42986
Ion Ratio Lower Upper
96 100
61 160.4 121.6 182.4
98 63.9 50.3 75.5





#11
Methyl Iodide
Concen: 20.338 ug/l
RT: 2.441 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

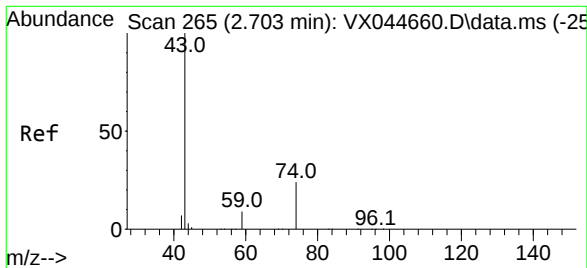
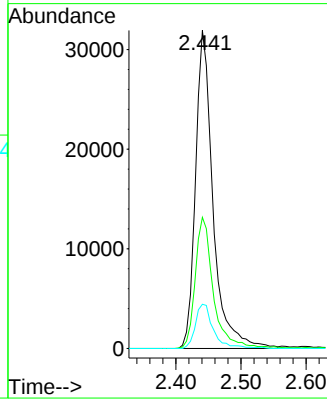
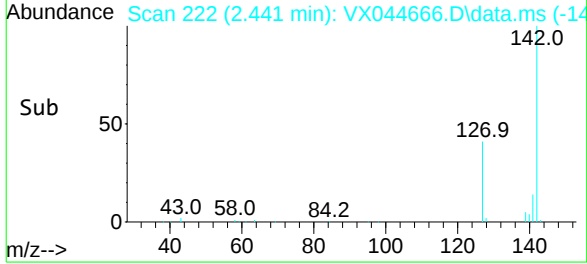
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 142 Resp: 59633
Ion Ratio Lower Upper
142 100
127 41.1 20.8 62.4
141 13.9 7.0 20.9

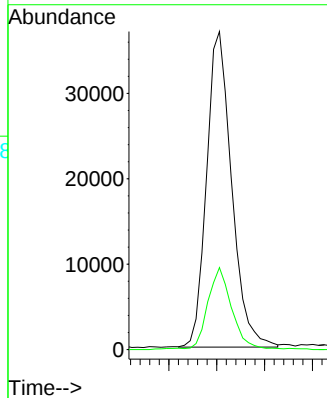
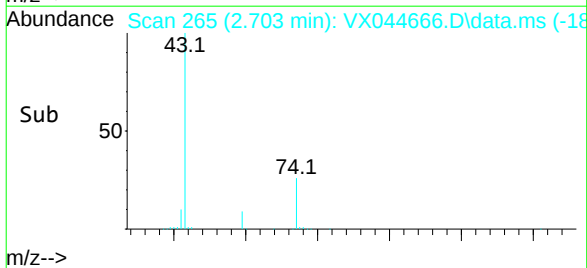
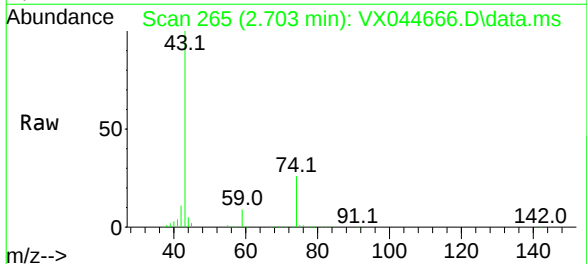
Manual Integrations
APPROVED

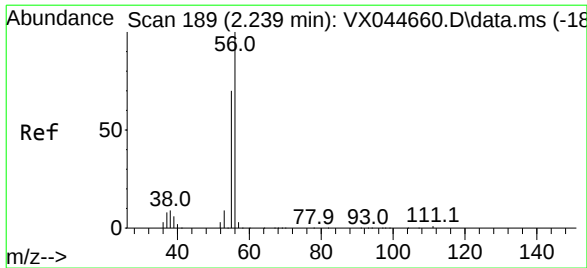
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 21.745 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 43 Resp: 67172
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.2





#13

Acrolein

Concen: 92.186 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 56 Resp: 31492

Ion Ratio Lower Upper

56 100

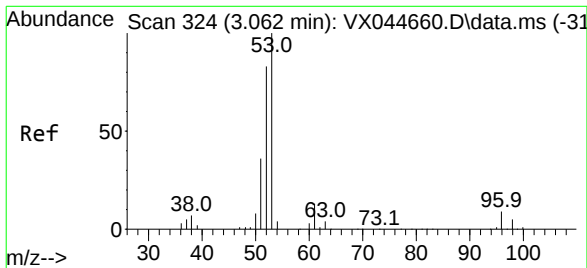
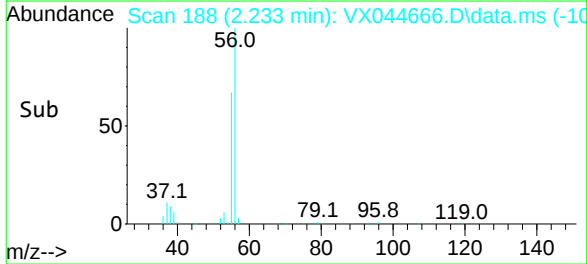
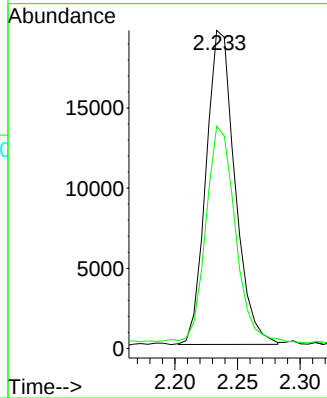
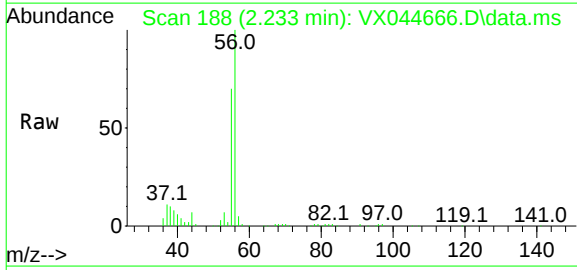
55 69.9 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#14

Acrylonitrile

Concen: 111.396 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

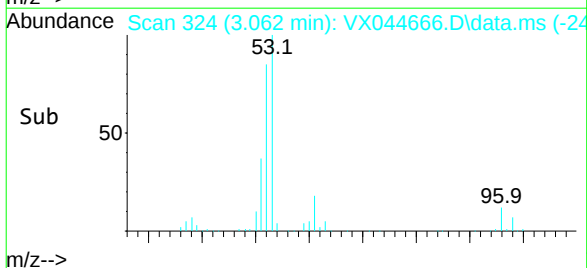
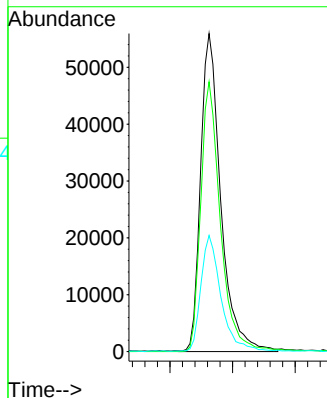
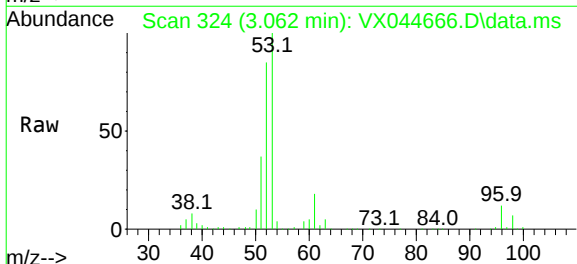
Tgt Ion: 53 Resp: 125390

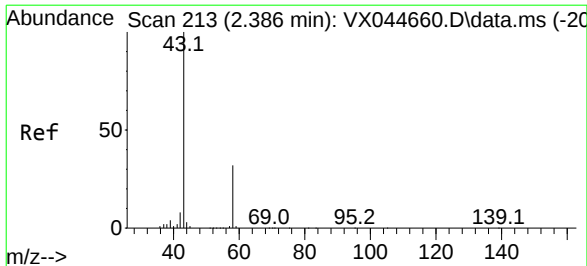
Ion Ratio Lower Upper

53 100

52 82.6 41.4 124.2

51 36.5 18.1 54.4





#15

Acetone

Concen: 116.189 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 58 Resp: 35094

Ion Ratio Lower Upper

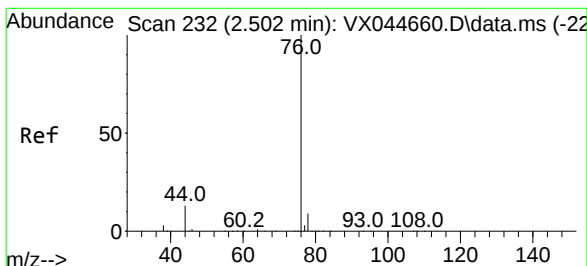
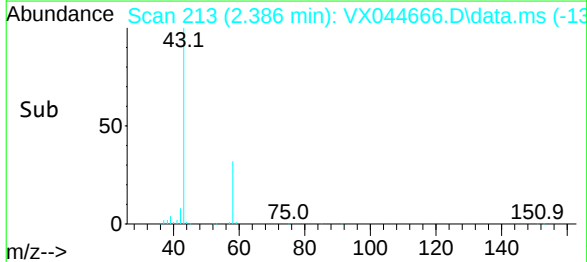
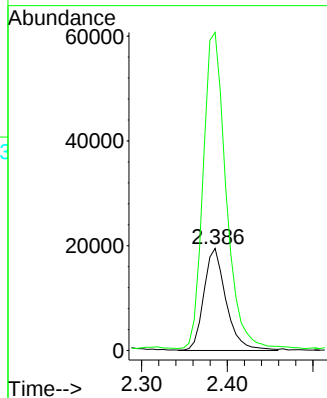
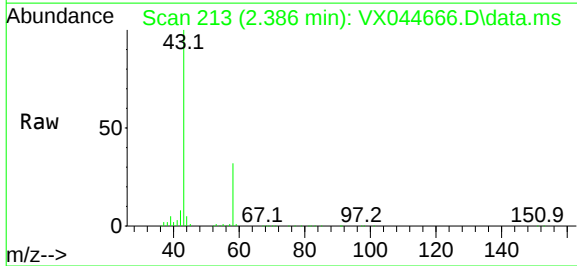
58 100

43 310.7 251.0 376.4

Manual Integrations

APPROVED

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



#16

Carbon Disulfide

Concen: 20.746 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044666.D

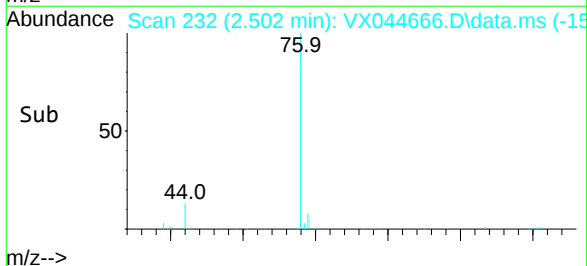
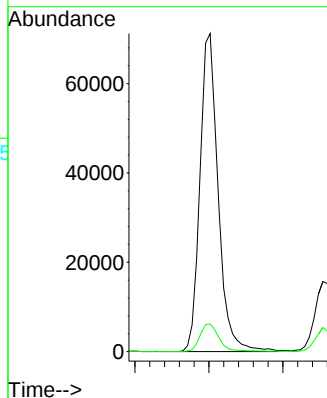
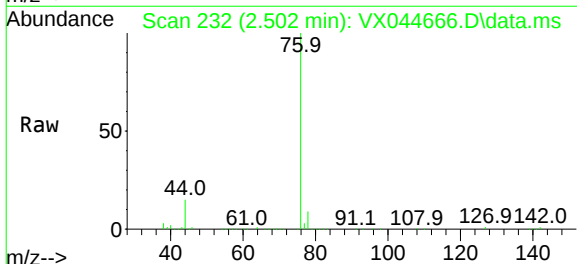
Acq: 16 Jan 2025 12:15

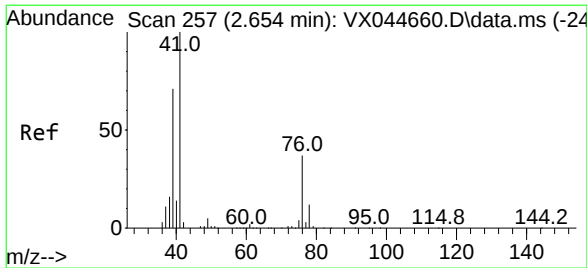
Tgt Ion: 76 Resp: 121993

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





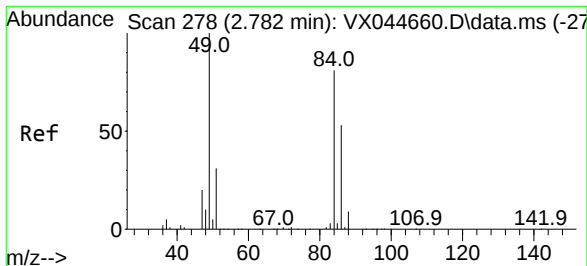
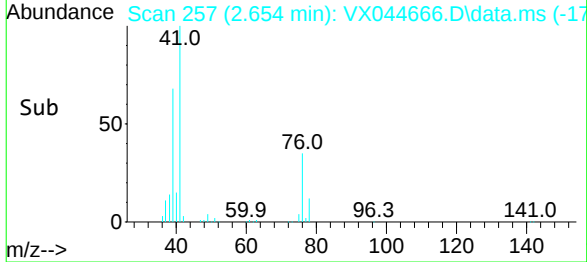
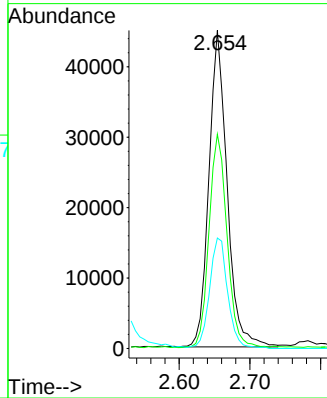
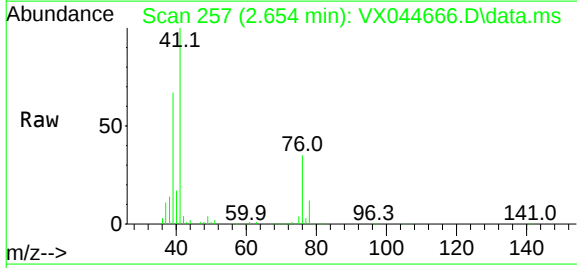
#17
 Allyl chloride
 Concen: 21.019 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tgt Ion: 41	Resp: 80203
Ion Ratio	Lower Upper
41 100	
39 67.4	35.6 106.8
76 34.9	18.9 56.5

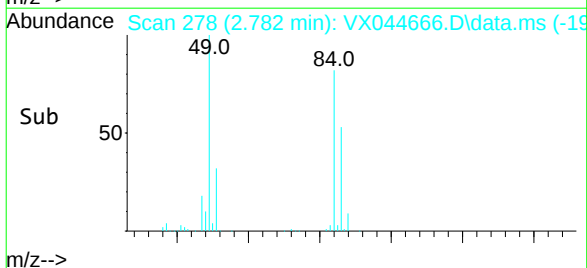
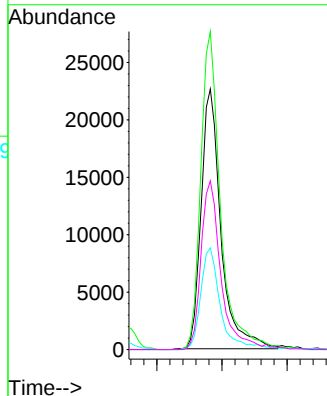
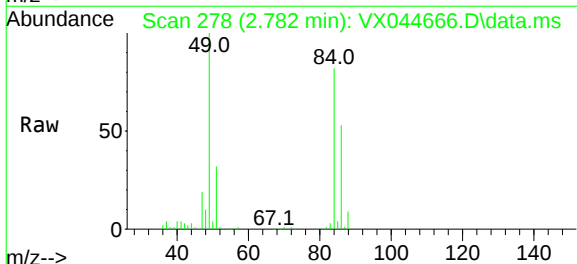
Manual Integrations
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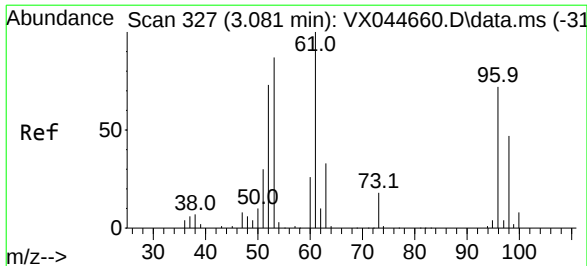
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#18
 Methylene Chloride
 Concen: 20.257 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

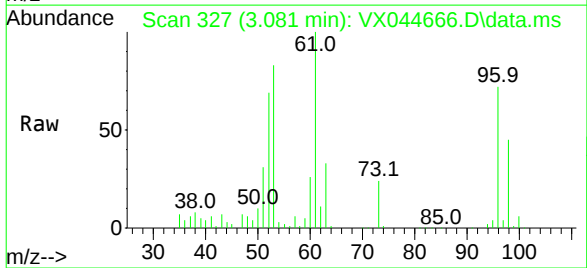
Tgt Ion: 84	Resp: 47967
Ion Ratio	Lower Upper
84 100	
49 122.4	98.3 147.5
51 39.2	30.6 46.0
86 64.9	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 20.859 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

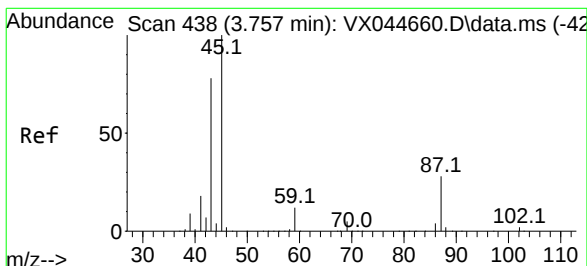
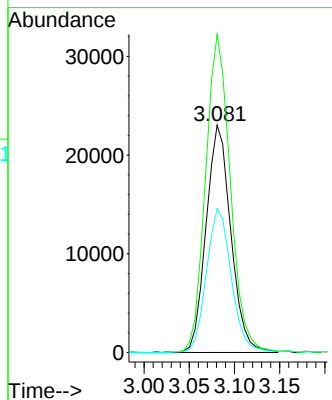
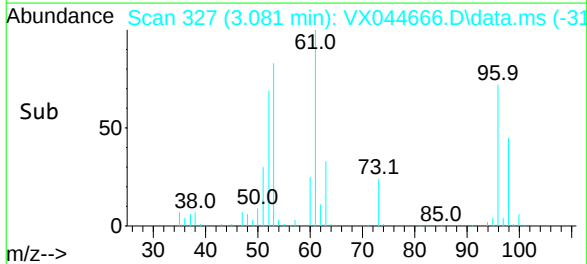
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



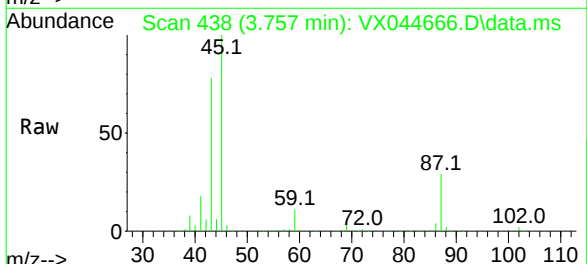
Tgt Ion: 96 Resp: 43887
Ion Ratio Lower Upper
96 100
61 139.5 111.5 167.3
98 63.0 52.6 79.0

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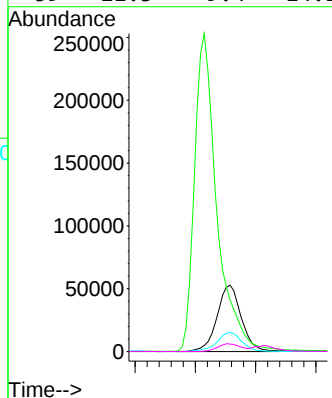
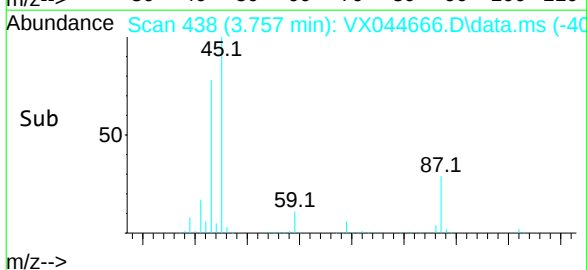
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

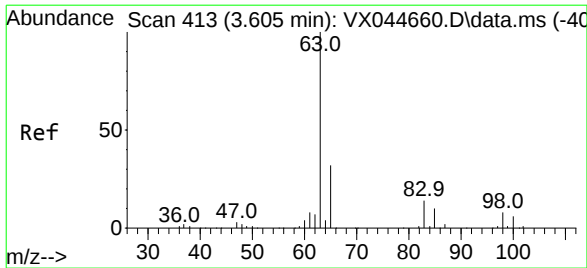


#20
Diisopropyl ether
Concen: 21.276 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15



Tgt Ion: 45 Resp: 147353
Ion Ratio Lower Upper
45 100
43 76.6 62.6 94.0
87 28.7 22.7 34.1
59 11.3 9.4 14.2





#21

1,1-Dichloroethane

Concen: 20.950 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

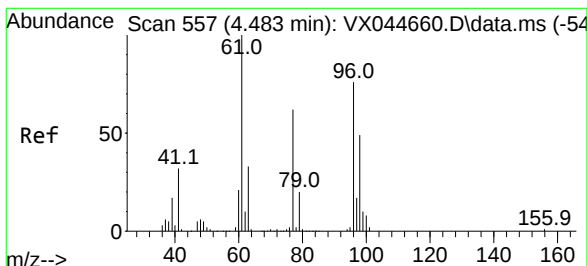
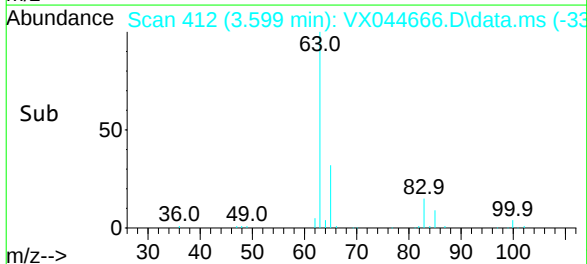
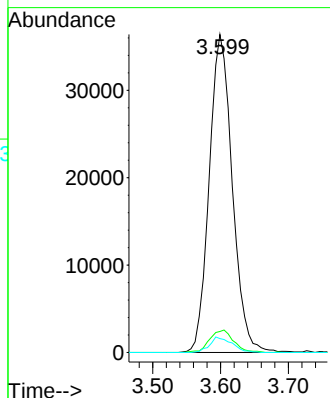
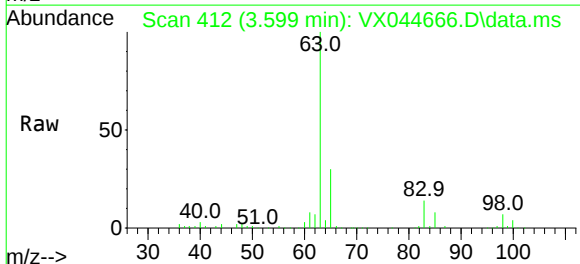
ClientSampleId :

VX0116WBS01

Tgt Ion:	63	Resp:	86072
Ion	Ratio	Lower	Upper
63	100		
98	6.6	4.0	11.9
100	4.4	2.8	8.3

Manual Integrations
APPROVED

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



#22

cis-1,2-Dichloroethene

Concen: 20.822 ug/l

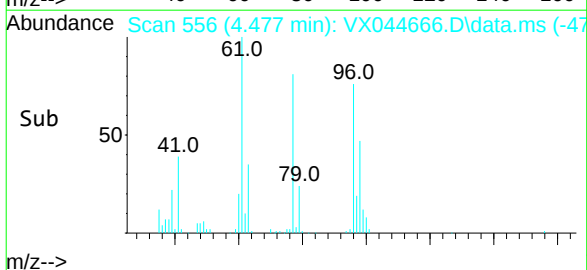
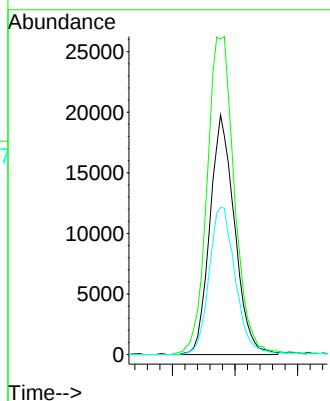
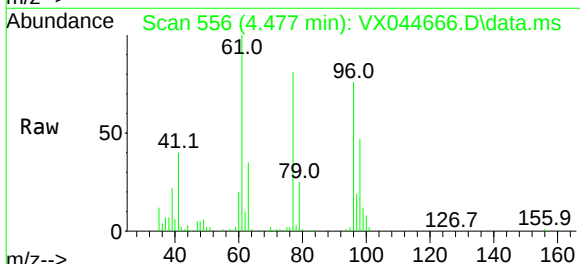
RT: 4.477 min Scan# 556

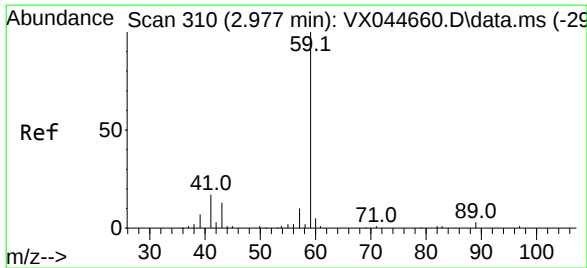
Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Tgt Ion:	96	Resp:	54221
Ion	Ratio	Lower	Upper
96	100		
61	147.1	115.2	172.8
98	65.0	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 111.906 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 59 Resp: 60925

Ion Ratio Lower Upper

59 100

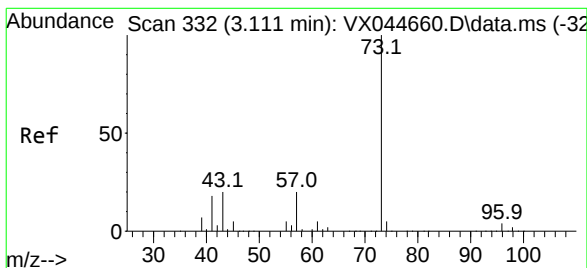
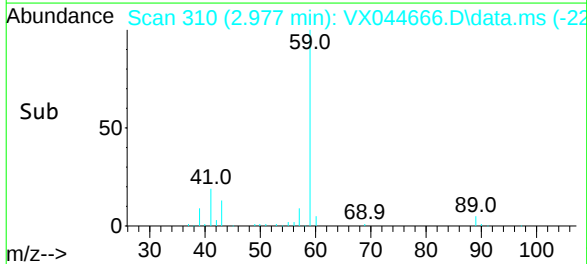
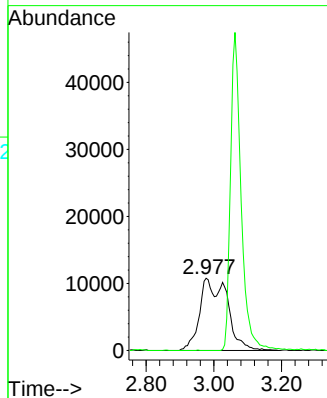
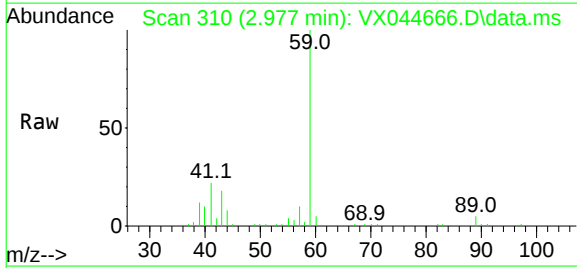
52 0.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#24

Methyl tert-Butyl Ether

Concen: 20.958 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044666.D

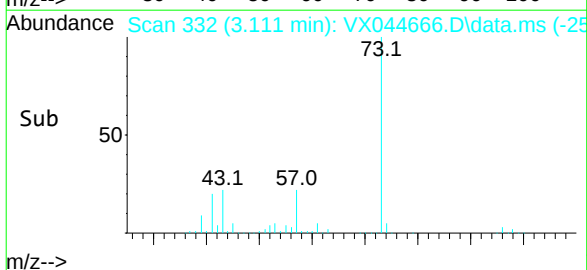
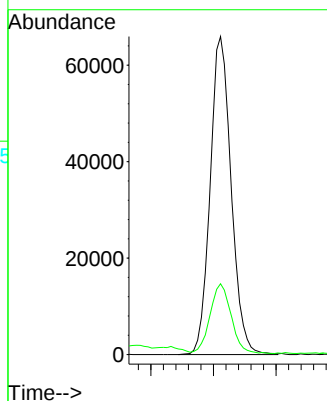
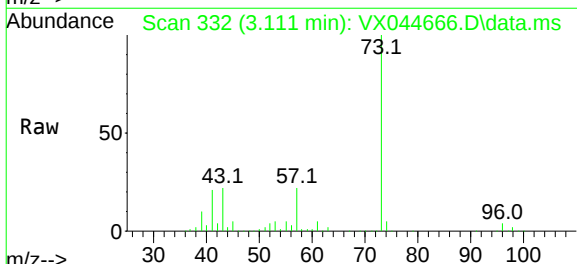
Acq: 16 Jan 2025 12:15

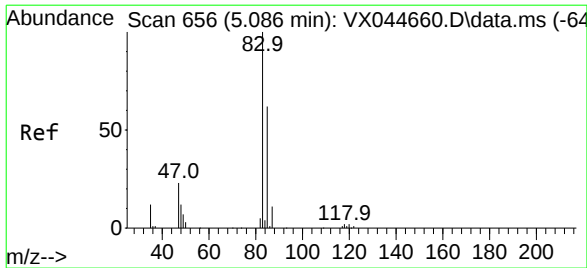
Tgt Ion: 73 Resp: 153650

Ion Ratio Lower Upper

73 100

43 22.1 16.9 25.3





#25

Chloroform

Concen: 21.074 ug/l

RT: 5.080 min Scan# 65

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 83 Resp: 86031

Ion Ratio Lower Upper

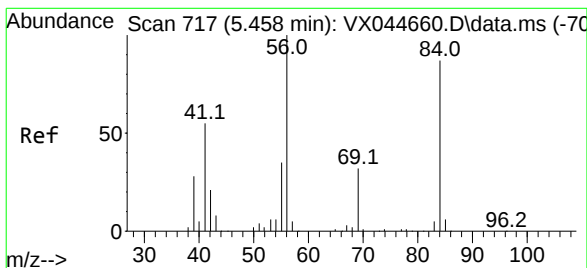
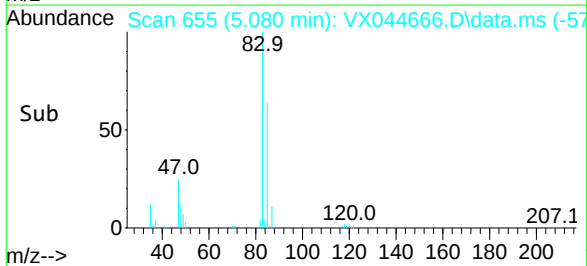
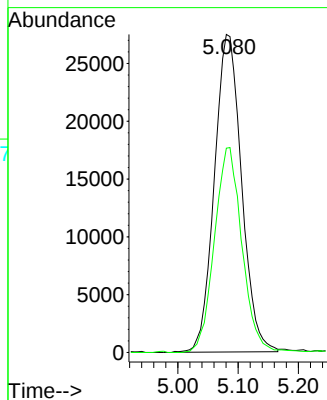
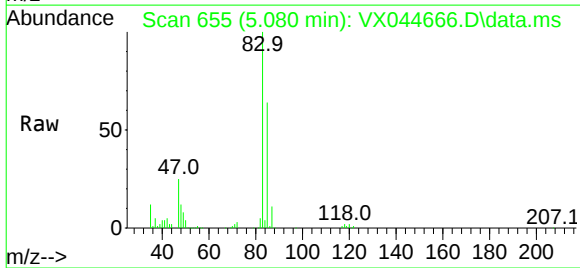
83 100

85 64.4 49.4 74.2

Manual Integrations

APPROVED

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



#26

Cyclohexane

Concen: 21.910 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

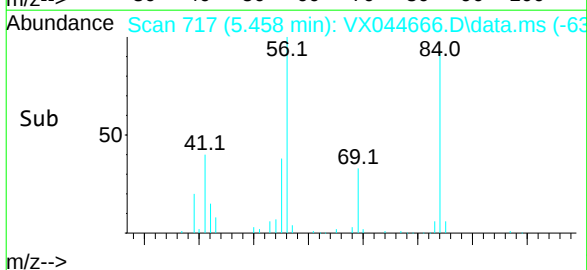
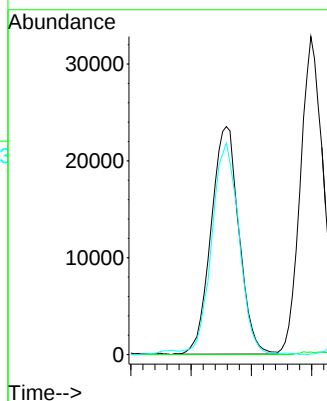
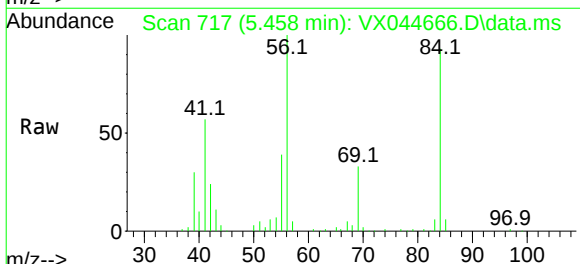
Tgt Ion: 56 Resp: 75656

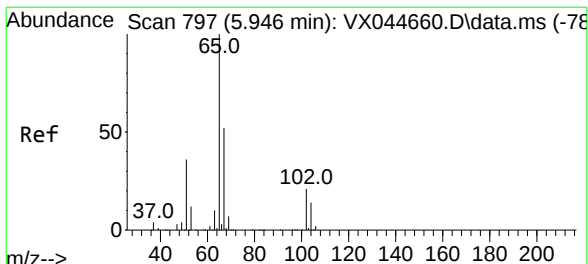
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

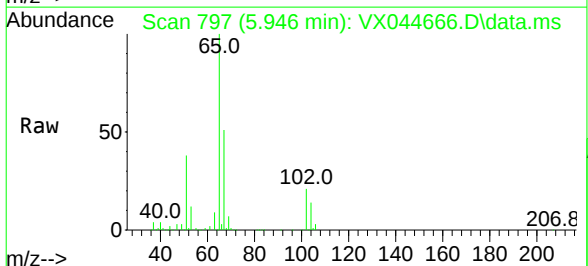
84 90.8 72.2 108.4





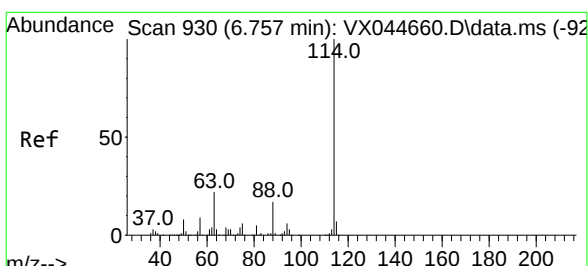
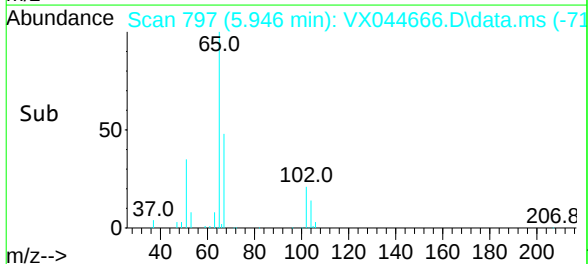
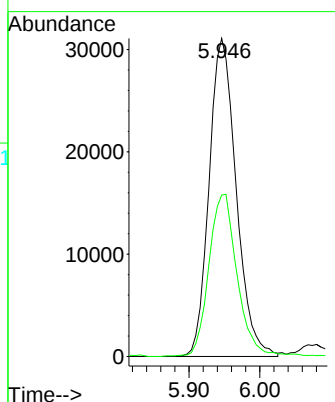
#27
 1,2-Dichloroethane-d4
 Concen: 29.896 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

Instrument : MSVOA_X
 ClientSampleId : VX0116WBS01



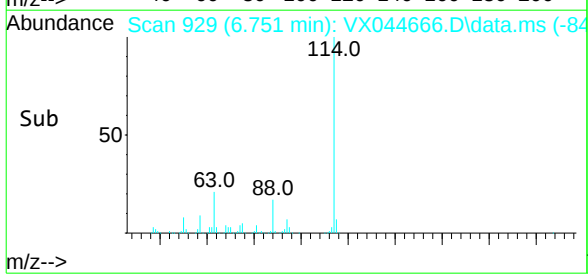
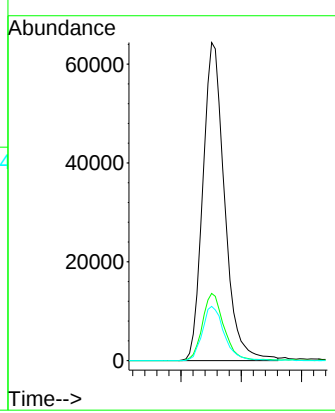
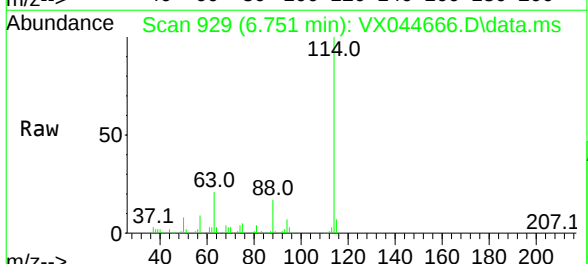
Tgt Ion:	65	Resp:	82676
Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.4	62.2

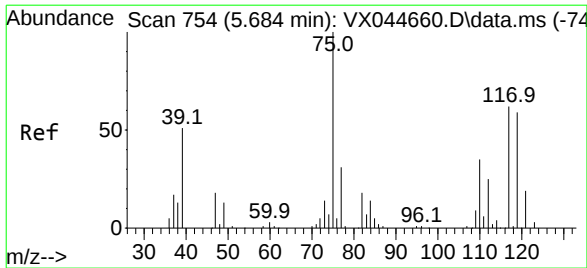
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

Tgt Ion:	114	Resp:	161068
Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.6	24.8
88	17.0	13.4	20.2





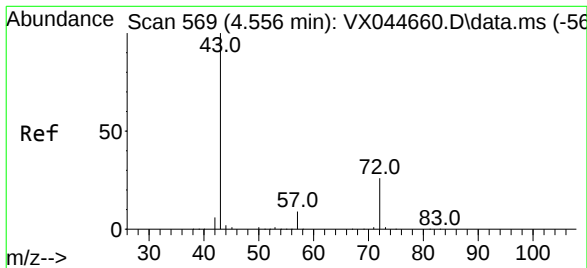
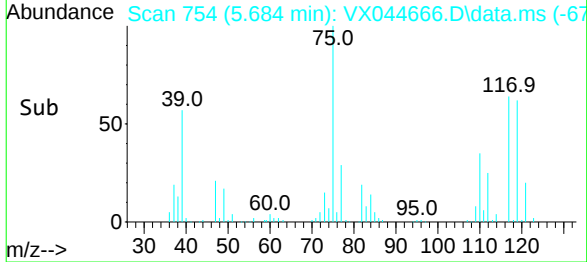
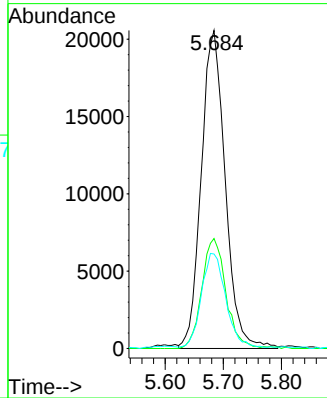
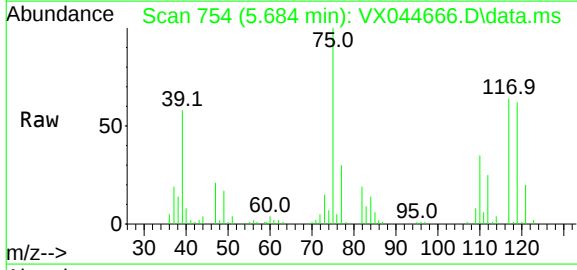
#29
1,1-Dichloropropene
Concen: 21.061 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion: 75	Resp: 59004
Ion Ratio	Lower Upper
75 100	
110 34.5	0.0 69.4
77 30.8	0.0 59.8

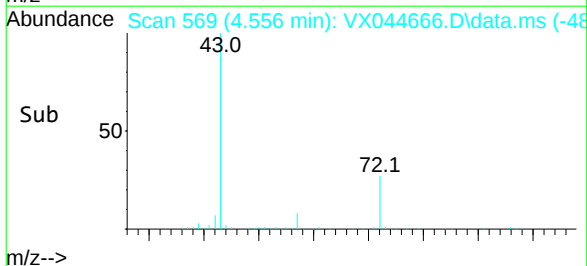
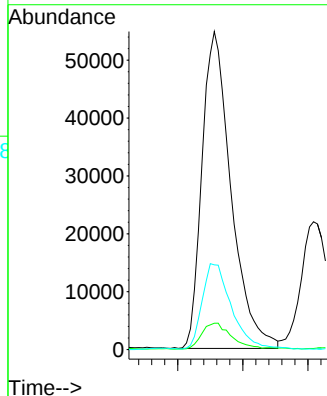
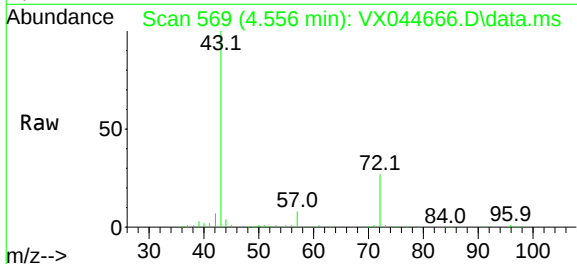
Manual Integrations
APPROVED

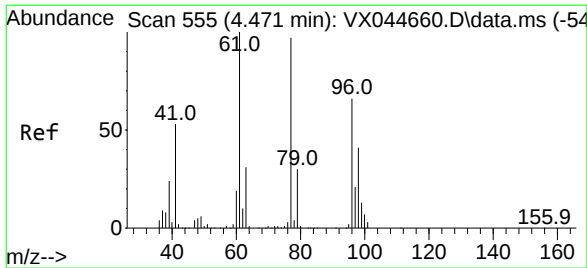
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
2-Butanone
Concen: 110.567 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

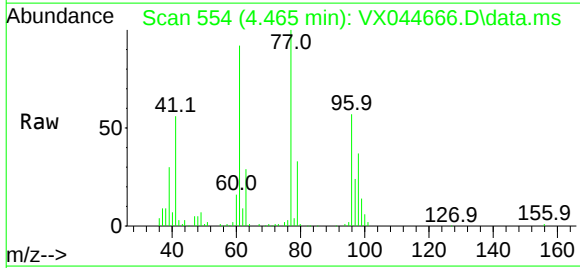
Tgt Ion: 43	Resp: 170160
Ion Ratio	Lower Upper
43 100	
57 8.3	6.4 9.6
72 27.6	21.5 32.3





#31
2,2-Dichloropropane
Concen: 20.305 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

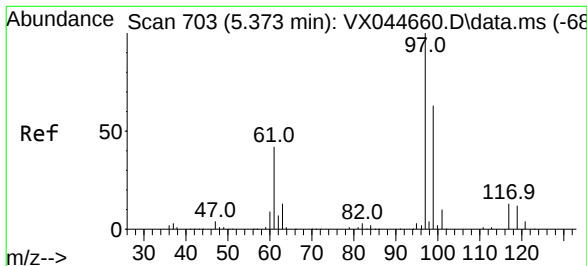
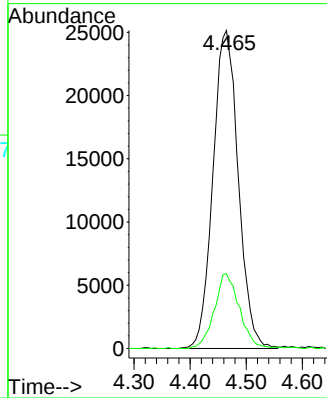
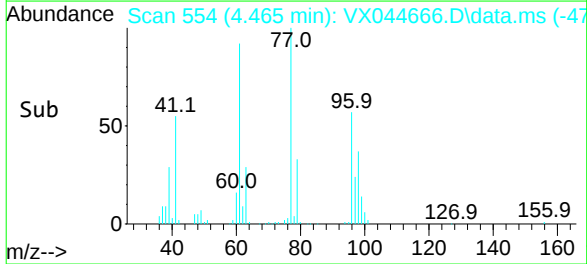
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 77 Resp: 78718
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8

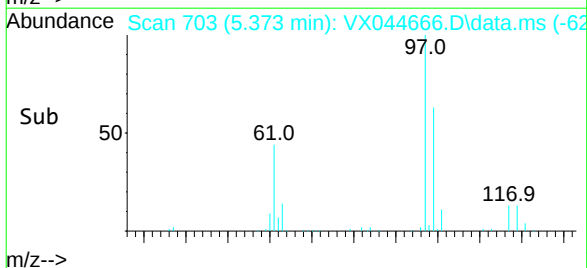
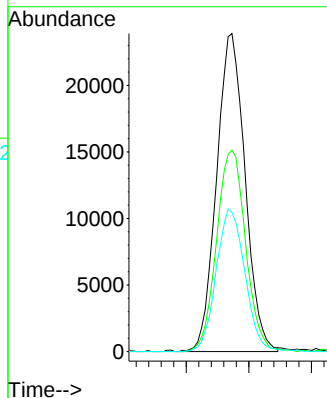
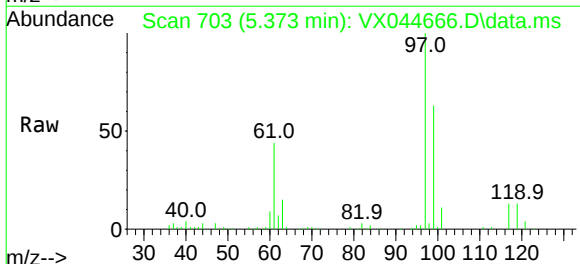
Manual Integrations
APPROVED

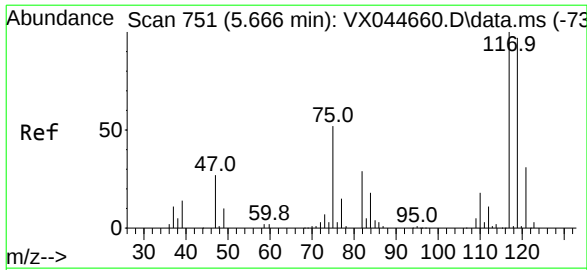
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

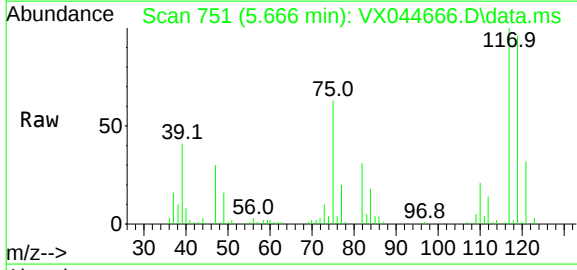
Tgt Ion: 97 Resp: 75532
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 45.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.227 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

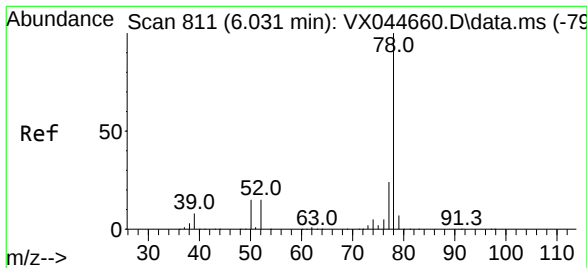
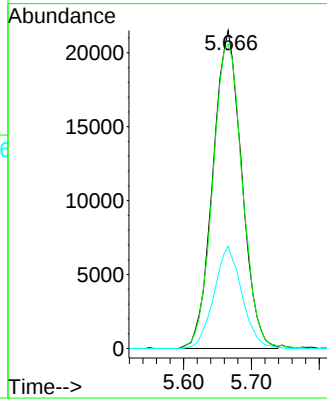
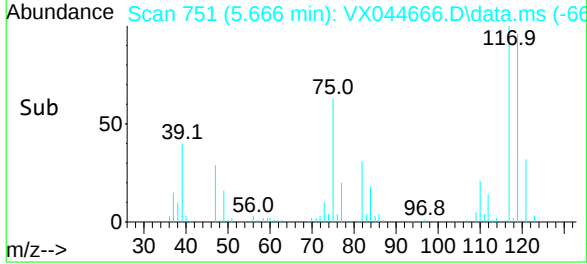
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



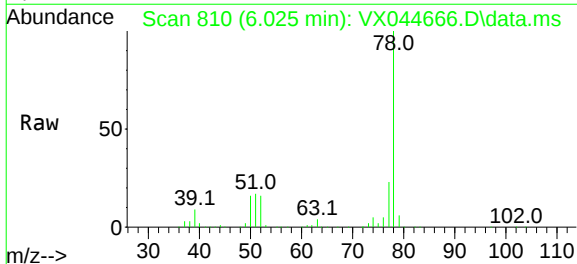
Tgt Ion: 117 Resp: 63350
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
121 32.1 24.6 37.0

Manual Integrations
APPROVED

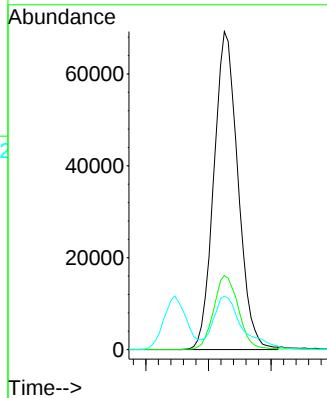
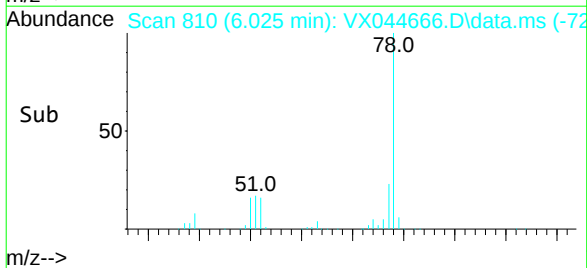
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

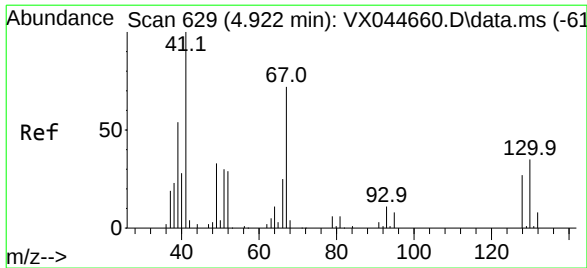


#34
Benzene
Concen: 20.720 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15



Tgt Ion: 78 Resp: 185201
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 15.7 12.7 19.1





#35

Methacrylonitrile

Concen: 20.841 ug/l

RT: 4.916 min Scan# 62

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 41 Resp: 35847

Ion Ratio Lower Upper

41 100

39 54.4 27.1 81.3

67 73.5 35.8 107.4

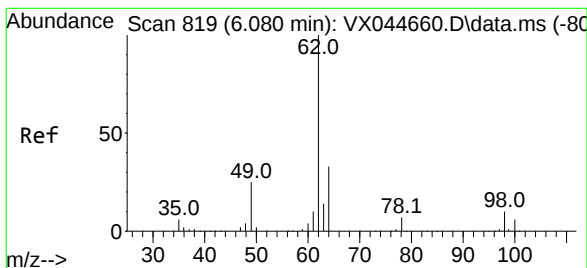
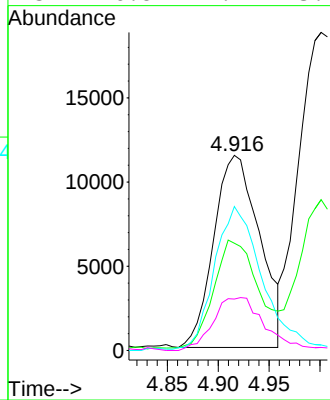
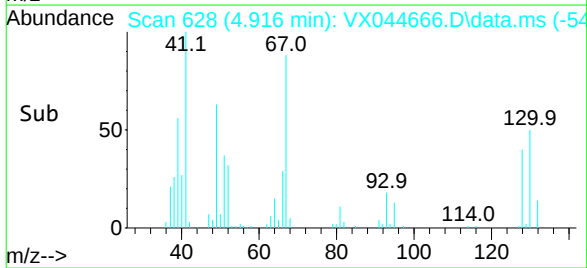
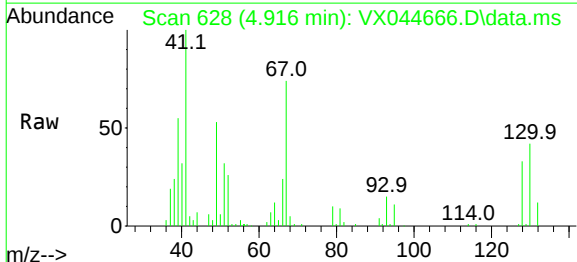
52 26.8 14.4 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#36

1,2-Dichloroethane

Concen: 20.715 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044666.D

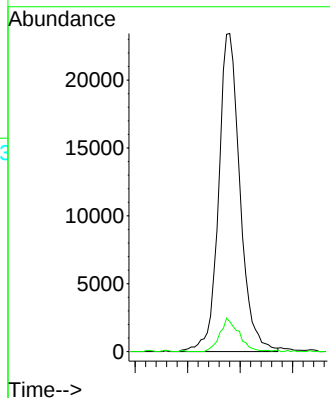
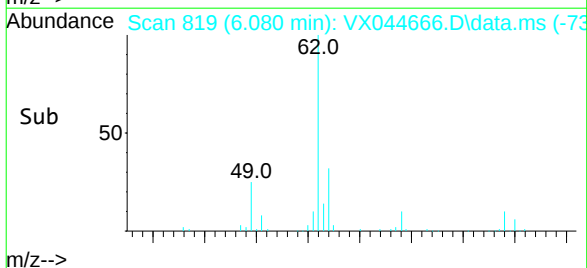
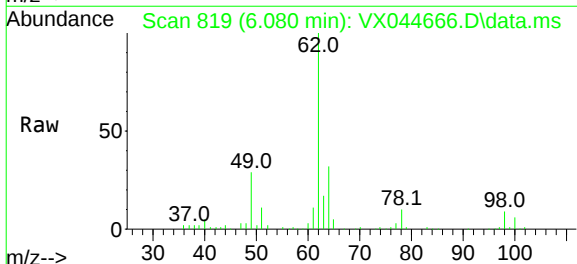
Acq: 16 Jan 2025 12:15

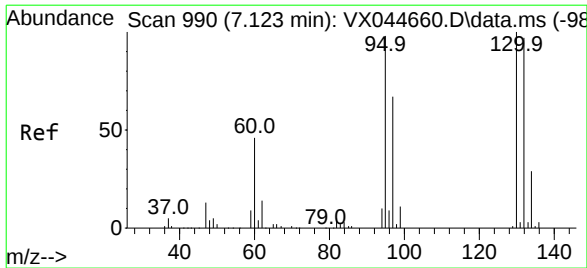
Tgt Ion: 62 Resp: 66201

Ion Ratio Lower Upper

62 100

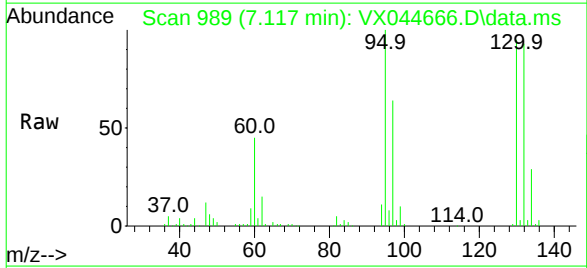
98 9.3 7.4 11.2





#37
Trichloroethene
Concen: 20.077 ug/l
RT: 7.117 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

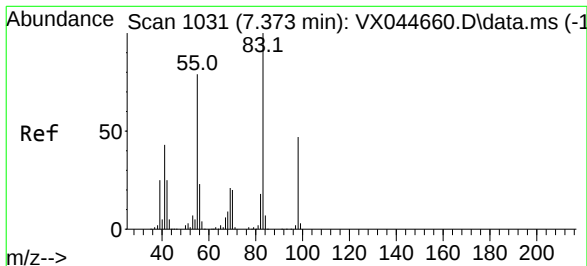
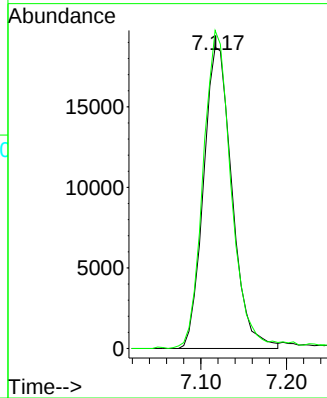
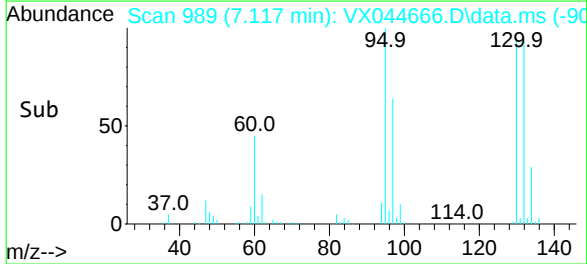
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion:130 Resp: 43327
Ion Ratio Lower Upper
130 100
95 104.7 78.2 117.4

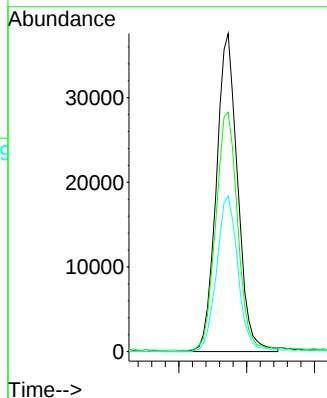
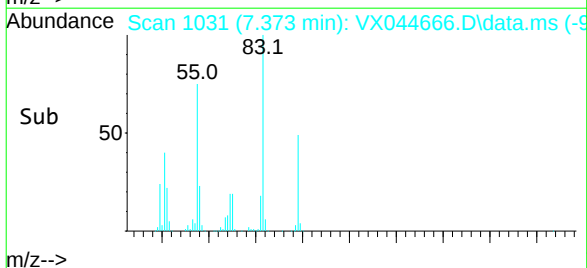
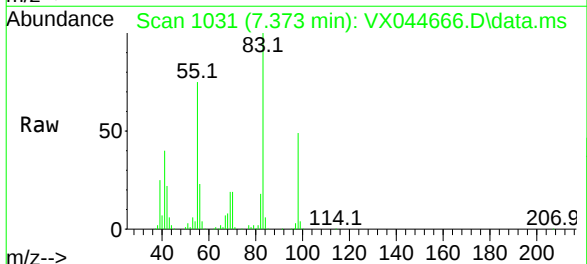
Manual Integrations
APPROVED

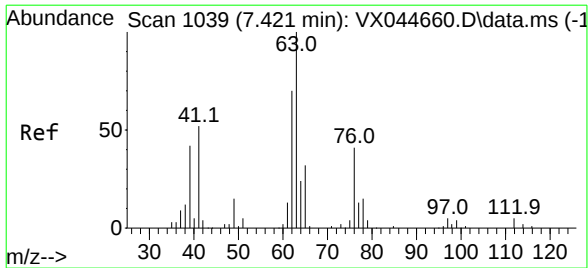
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 21.603 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 83 Resp: 82233
Ion Ratio Lower Upper
83 100
55 76.3 38.4 115.2
98 48.9 24.4 73.4





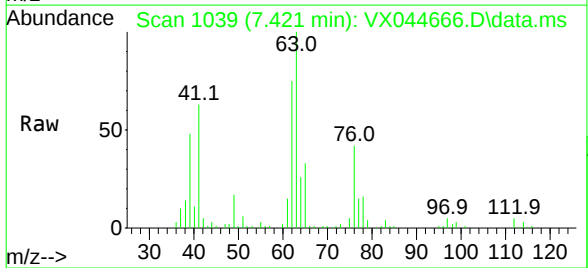
#39
 1,2-Dichloropropane
 Concen: 20.069 ug/l
 RT: 7.421 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

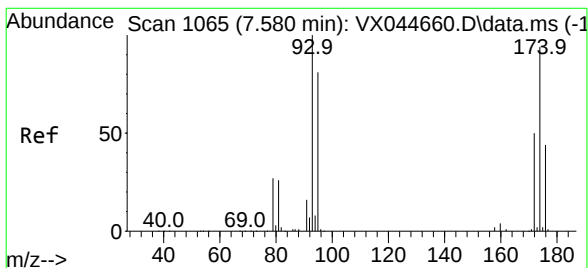
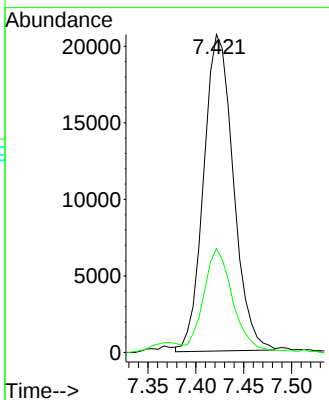
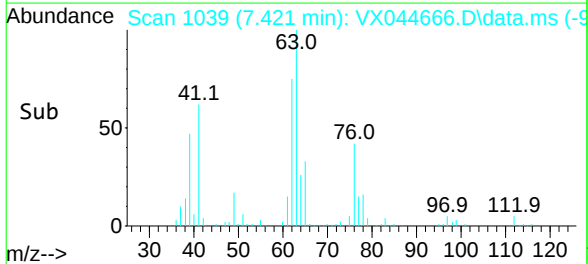
VX0116WBS01



Tgt Ion:	63	Resp:	44731
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3

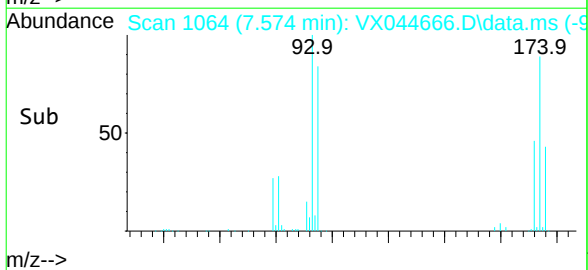
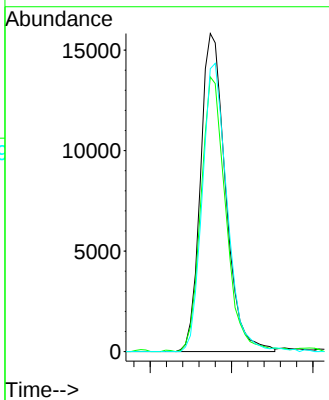
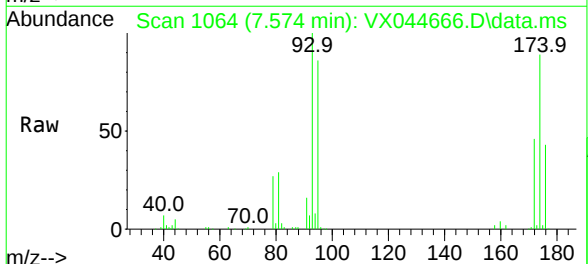
Manual Integrations
 APPROVED

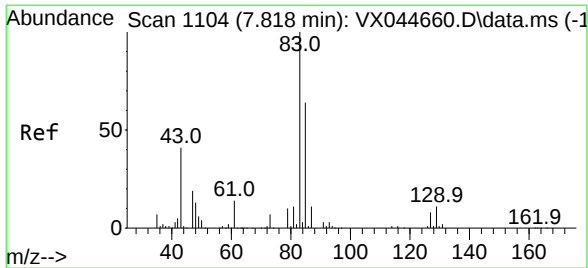
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#40
 Dibromomethane
 Concen: 20.460 ug/l
 RT: 7.574 min Scan# 1064
 Delta R.T. -0.006 min
 Lab File: VX044666.D
 Acq: 16 Jan 2025 12:15

Tgt Ion:	93	Resp:	33904
Ion	Ratio	Lower	Upper
93	100		
95	85.3	0.0	167.0
174	89.0	0.0	182.0





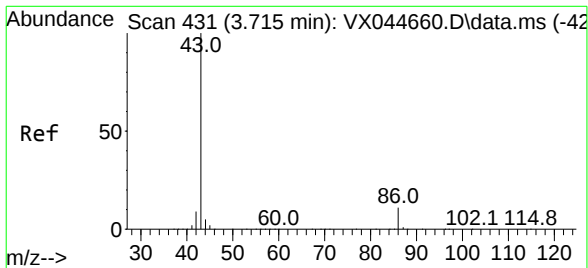
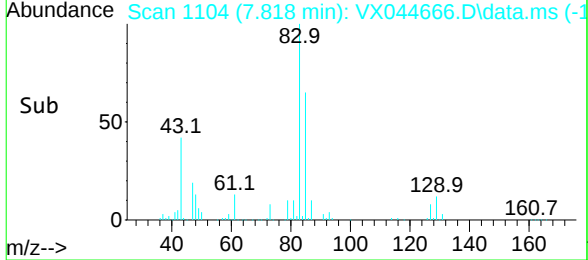
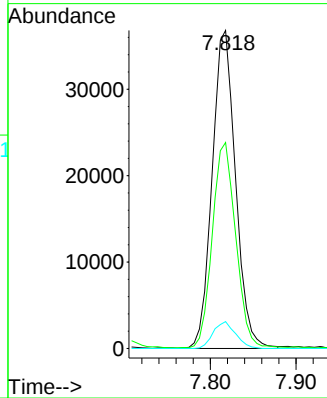
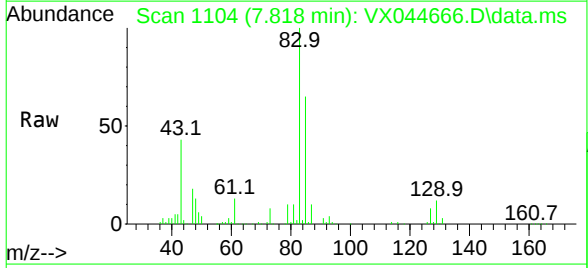
#41
Bromodichloromethane
Concen: 20.422 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion:	83	Resp:	69875
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	8.5	6.5	9.7

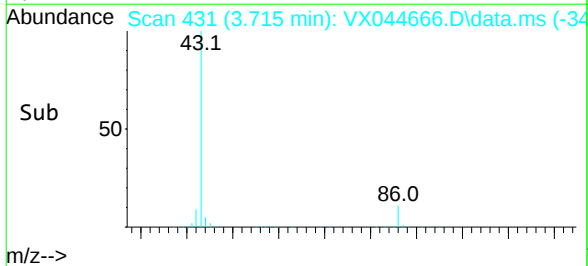
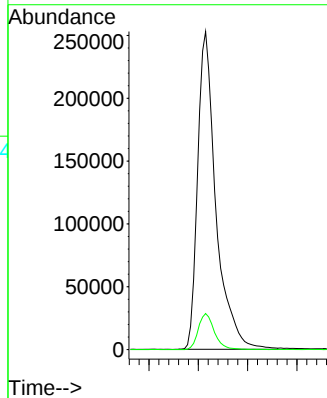
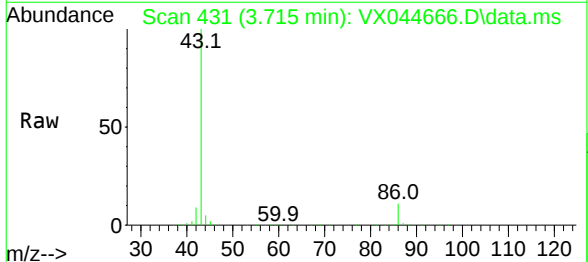
Manual Integrations
APPROVED

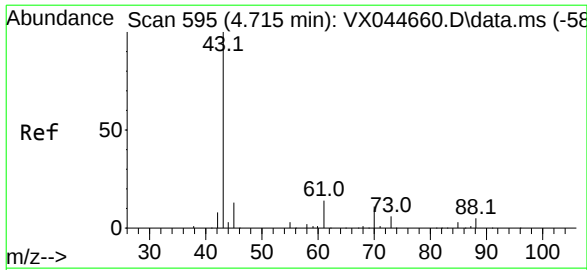
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#42
Vinyl Acetate
Concen: 106.604 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion:	43	Resp:	651542
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0





#43

Ethyl Acetate

Concen: 22.050 ug/l

RT: 4.709 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 43 Resp: 66567

Ion Ratio Lower Upper

43 100

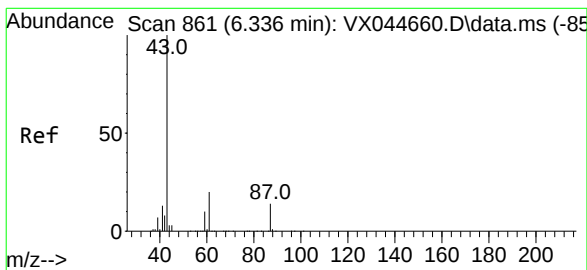
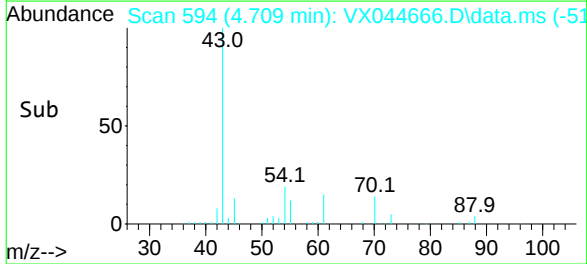
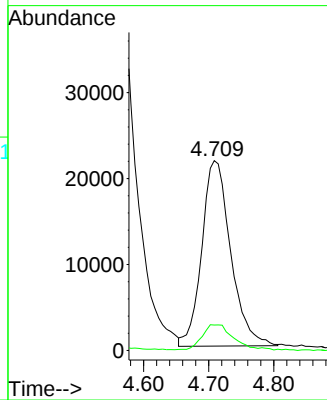
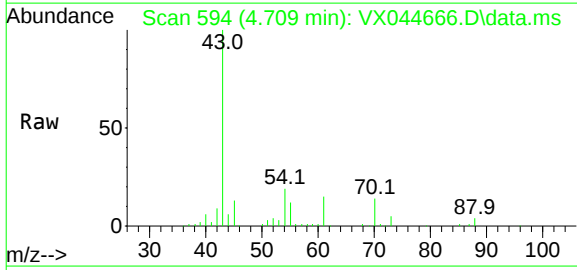
45 6.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#44

Isopropyl Acetate

Concen: 21.262 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044666.D

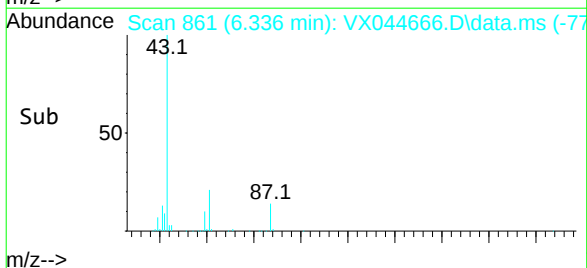
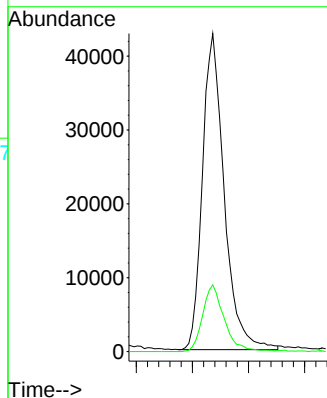
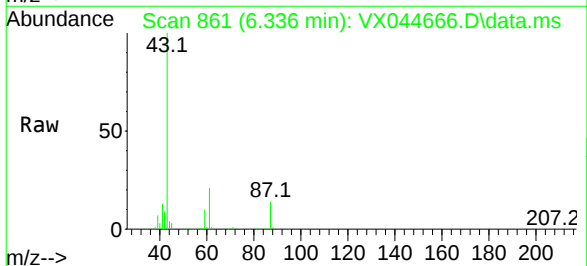
Acq: 16 Jan 2025 12:15

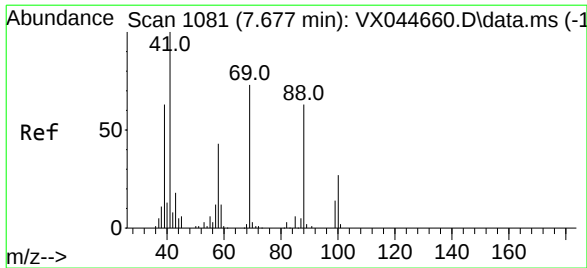
Tgt Ion: 43 Resp: 115313

Ion Ratio Lower Upper

43 100

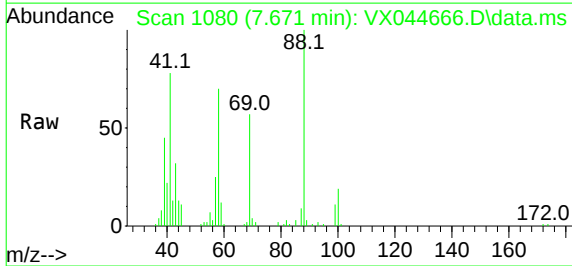
61 20.7 16.2 24.4





#45
1,4-Dioxane
Concen: 426.557 ug/l
RT: 7.671 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

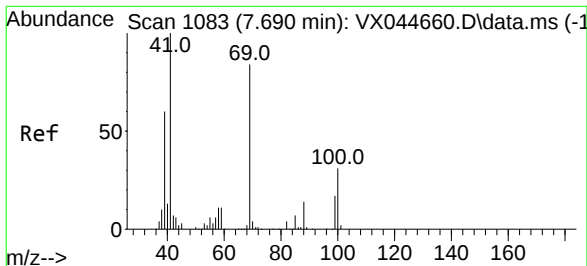
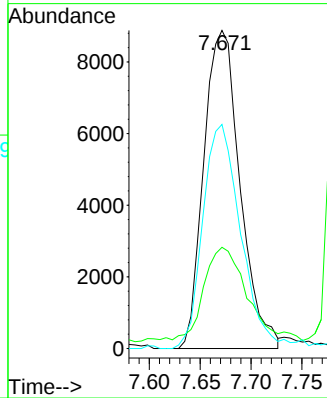
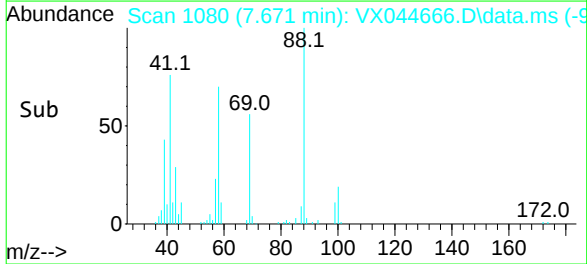
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 88 Resp: 22029
Ion Ratio Lower Upper
88 100
43 32.9 25.9 38.9
58 73.3 58.9 88.3

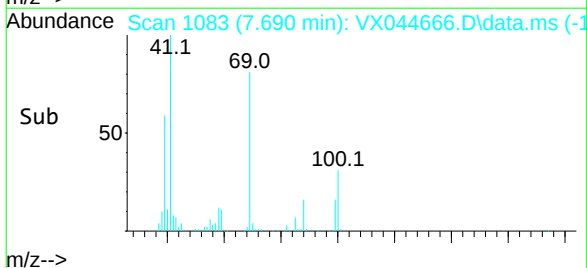
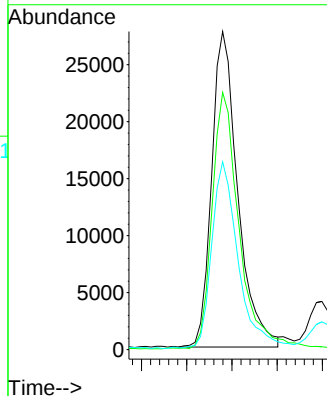
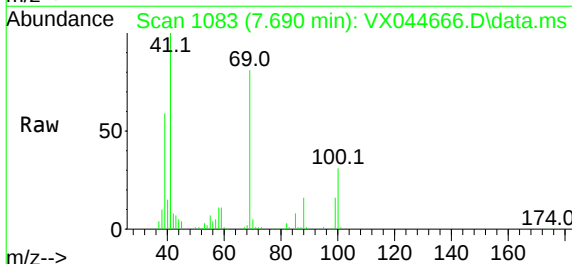
Manual Integrations
APPROVED

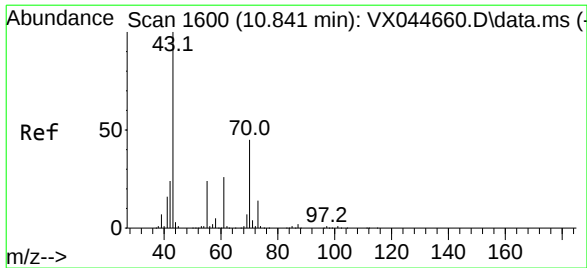
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Methyl methacrylate
Concen: 20.919 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 41 Resp: 55535
Ion Ratio Lower Upper
41 100
69 81.1 41.9 125.7
39 59.0 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.332 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 43 Resp: 97092

Ion Ratio Lower Upper

43 100

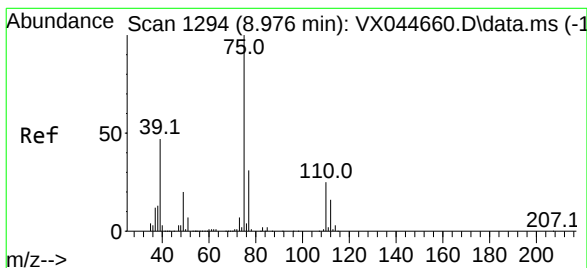
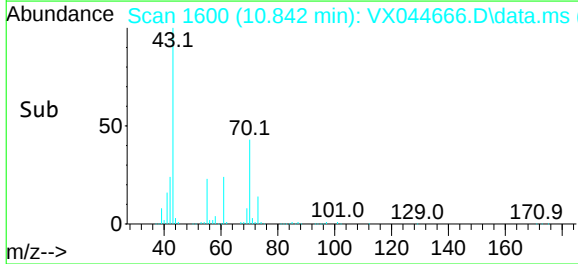
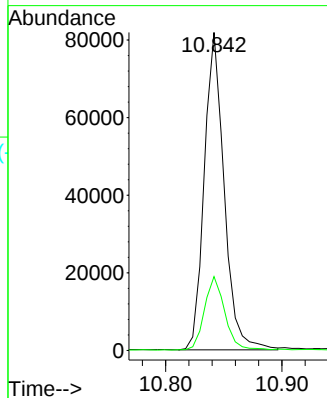
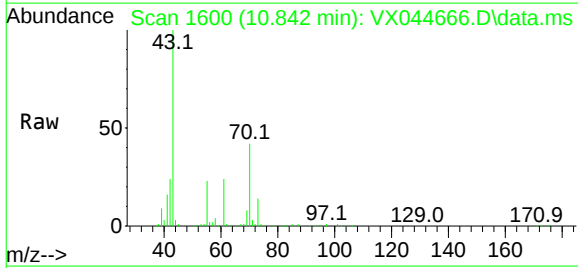
55 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#48

t-1,3-Dichloropropene

Concen: 20.527 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044666.D

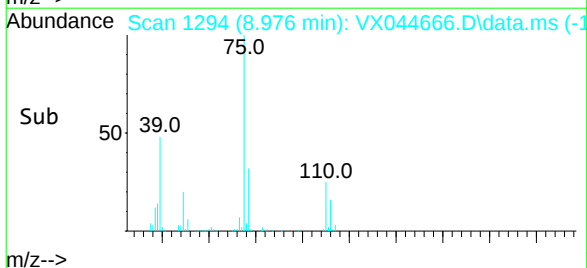
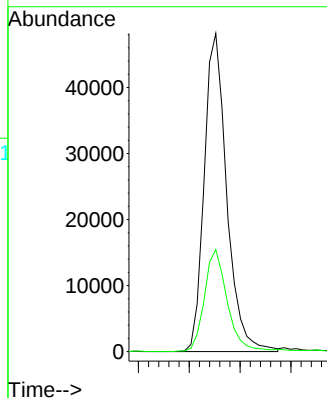
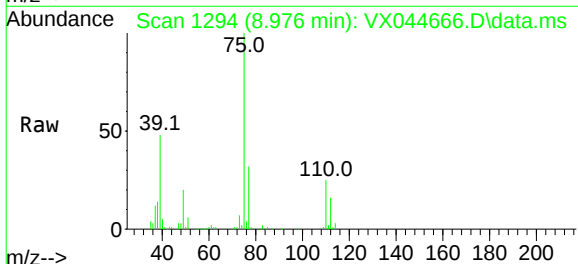
Acq: 16 Jan 2025 12:15

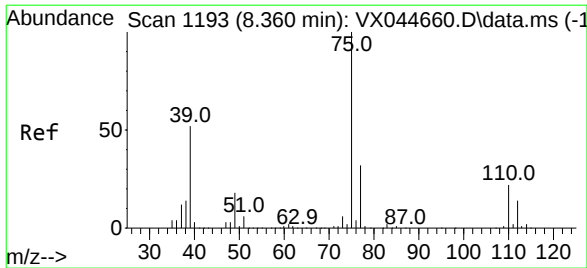
Tgt Ion: 75 Resp: 74132

Ion Ratio Lower Upper

75 100

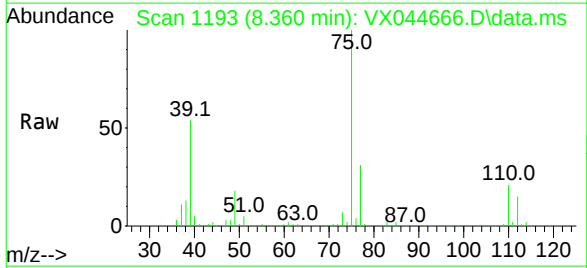
77 31.9 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 20.801 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

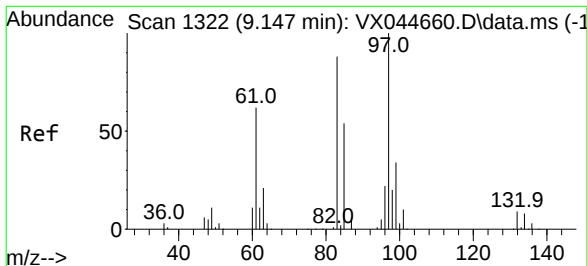
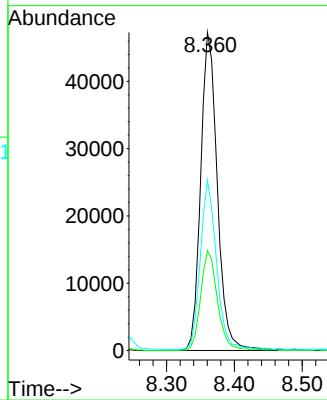
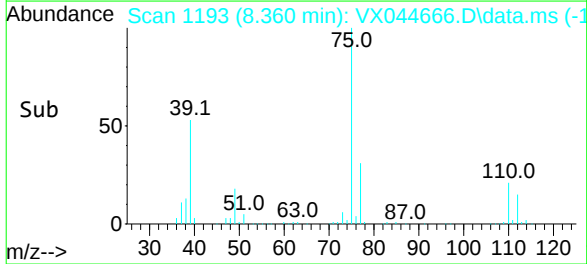
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 75 Resp: 80553
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 53.2 41.4 62.0

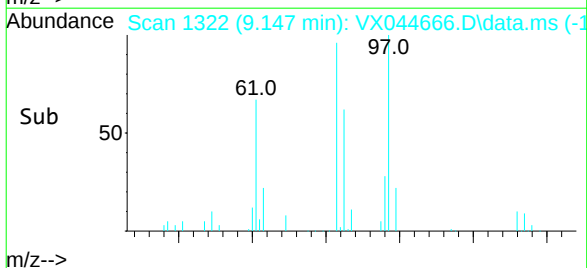
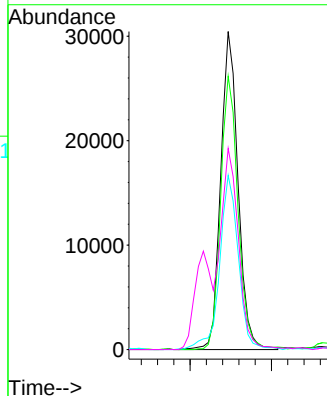
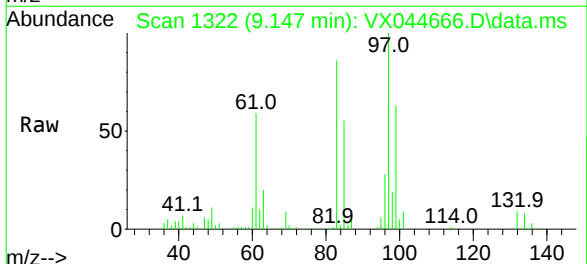
Manual Integrations
APPROVED

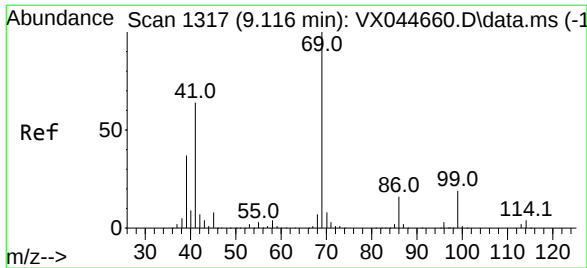
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#50
1,1,2-Trichloroethane
Concen: 21.117 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 97 Resp: 45067
Ion Ratio Lower Upper
97 100
83 86.0 69.2 103.8
85 54.6 44.8 67.2
99 63.2 52.1 78.1





#51

Ethyl methacrylate

Concen: 21.143 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

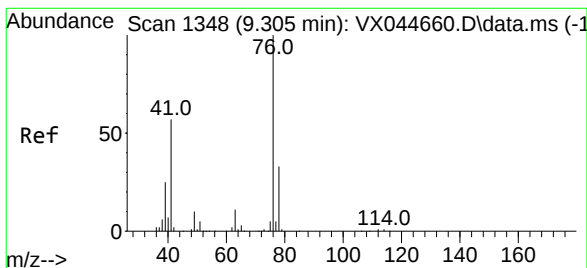
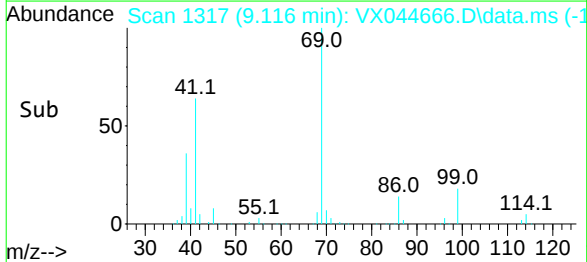
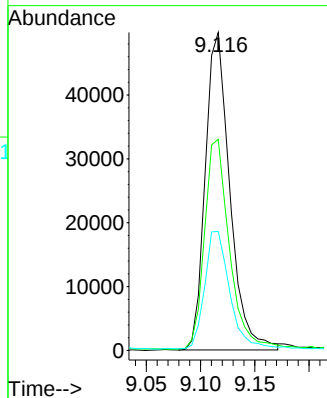
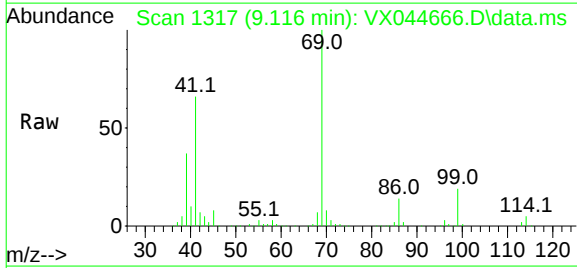
VX0116WBS01

Tgt Ion:	69	Resp:	78385
Ion Ratio	Lower	Upper	
69	100		
41	66.0	32.0	96.0
39	37.0	18.6	55.6

Manual Integrations

APPROVED

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



#52

1,3-Dichloropropane

Concen: 21.175 ug/l

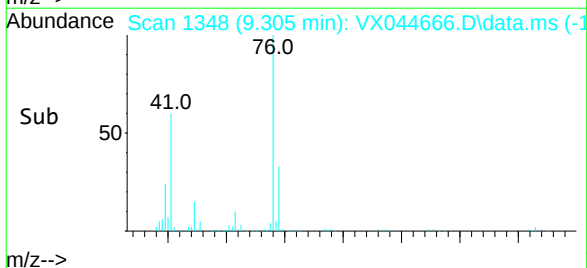
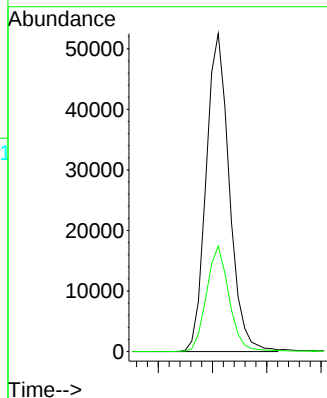
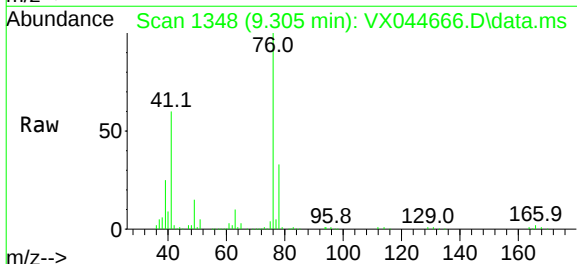
RT: 9.305 min Scan# 1348

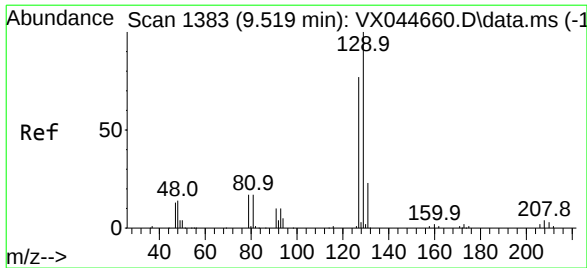
Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

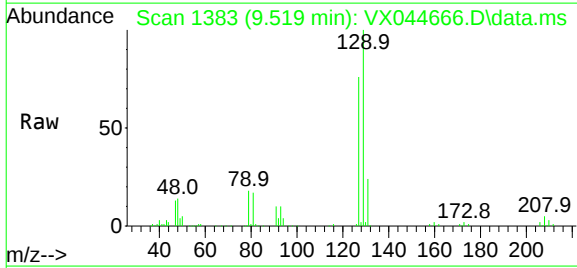
Tgt Ion:	76	Resp:	78159
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	64.0





#53
Dibromochloromethane
Concen: 20.667 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

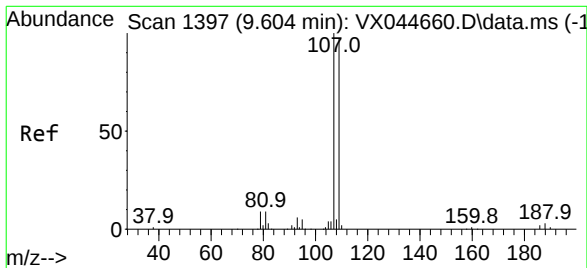
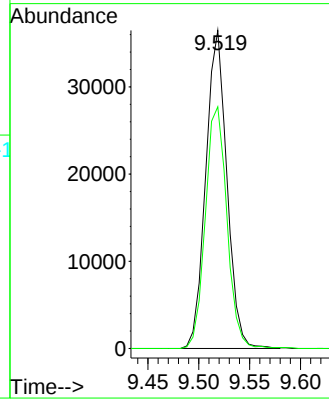
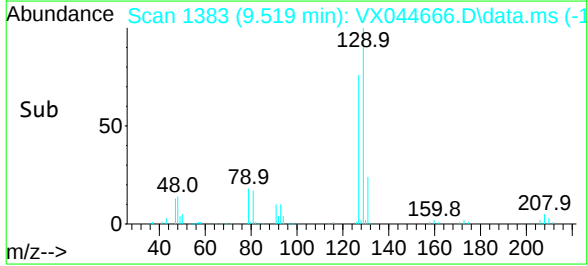
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion:129 Resp: 52705
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4

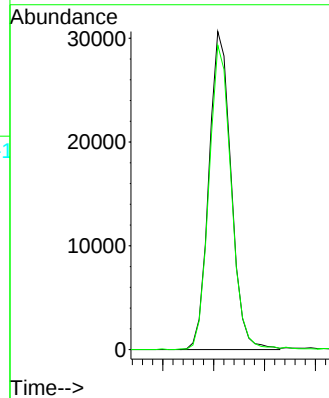
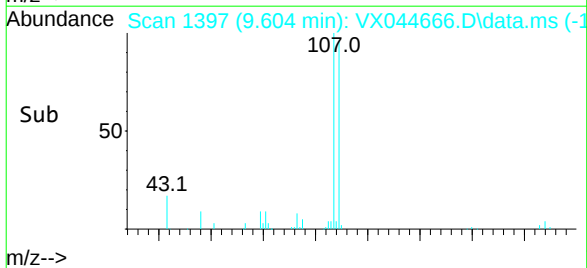
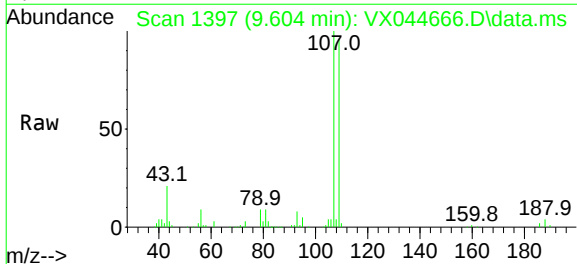
Manual Integrations
APPROVED

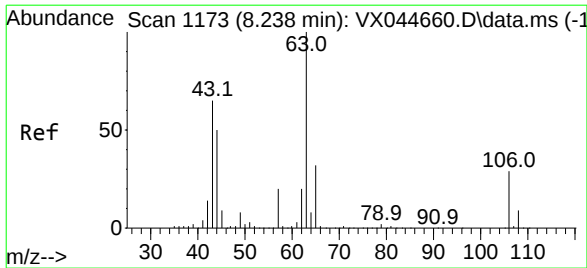
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#54
1,2-Dibromoethane
Concen: 20.623 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion:107 Resp: 46527
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3





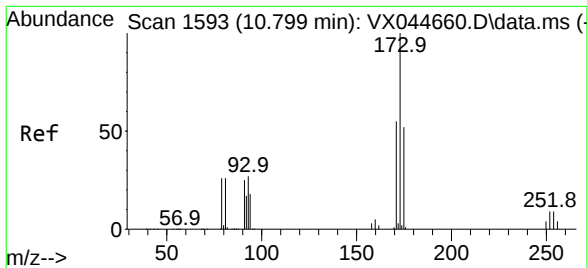
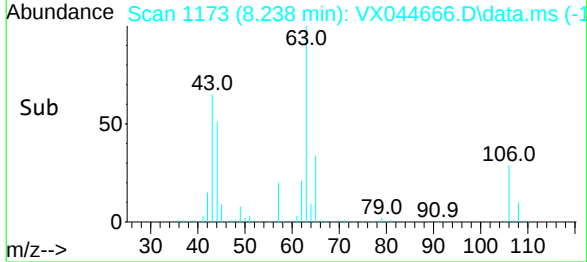
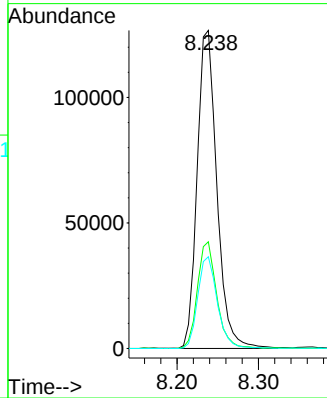
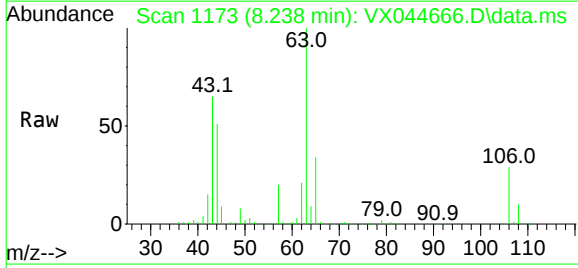
#55
2-Chloroethyl vinyl ether
Concen: 118.530 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion: 63 Resp: 213218
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.6
106 28.7 23.1 34.7

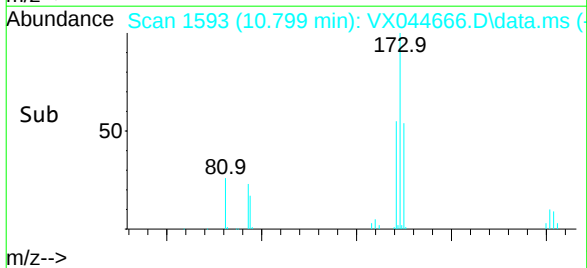
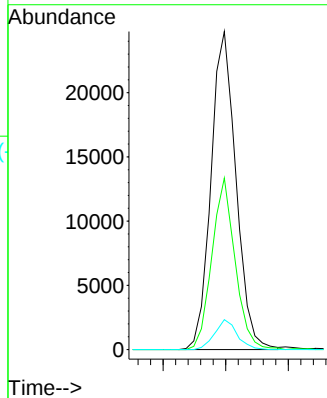
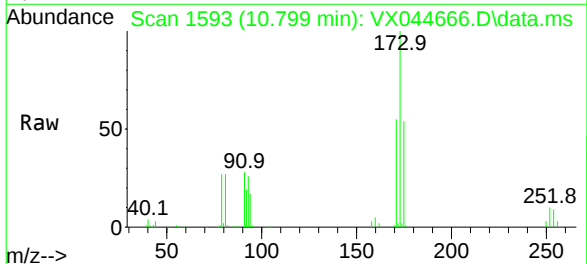
Manual Integrations
APPROVED

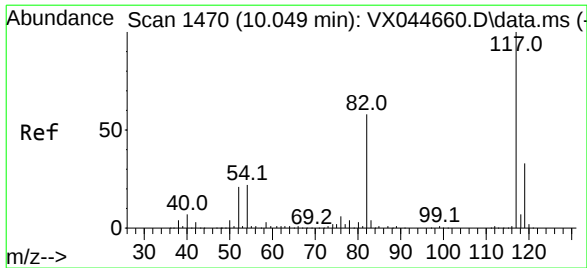
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#56
Bromoform
Concen: 20.310 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion:173 Resp: 34344
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.6
254 8.5 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

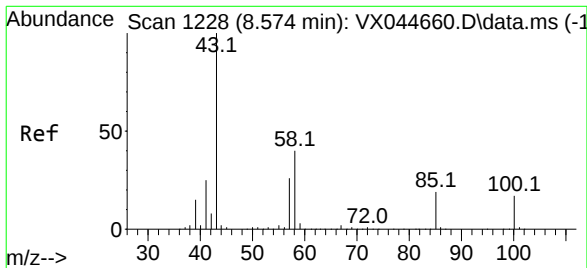
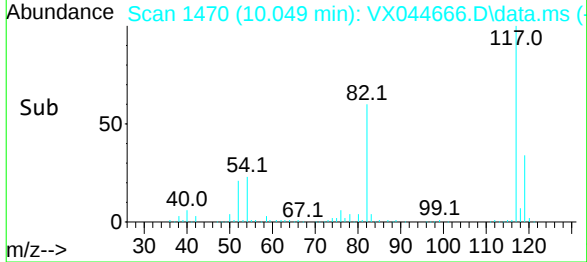
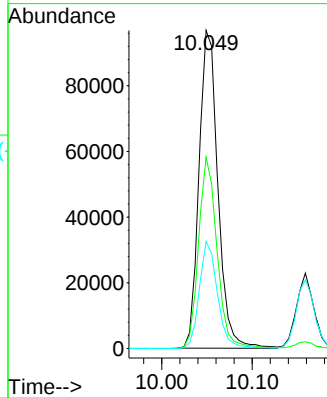
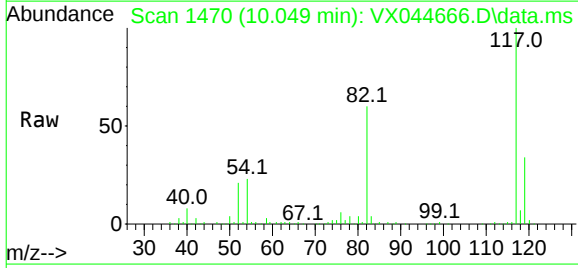
VX0116WBS01

Tgt Ion:	117	Resp:	140626
Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.8	68.6
119	32.5	25.8	38.6

Manual Integrations

APPROVED

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



#58

4-Methyl-2-Pentanone

Concen: 110.478 ug/l

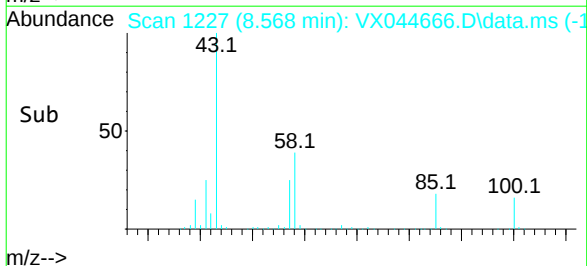
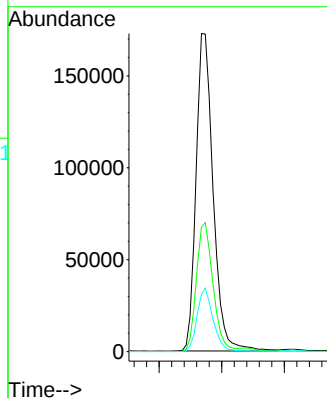
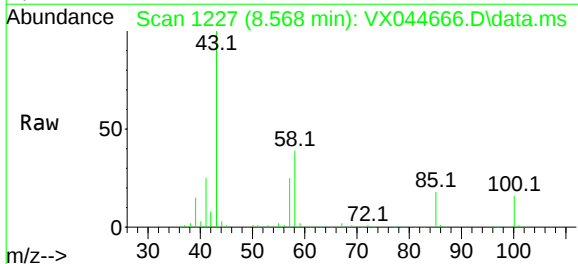
RT: 8.568 min Scan# 1227

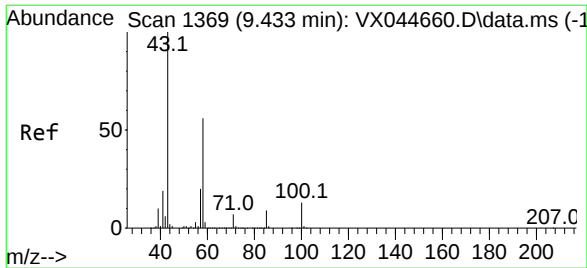
Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Tgt Ion:	43	Resp:	327477
Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.7	47.5
85	18.8	15.0	22.6





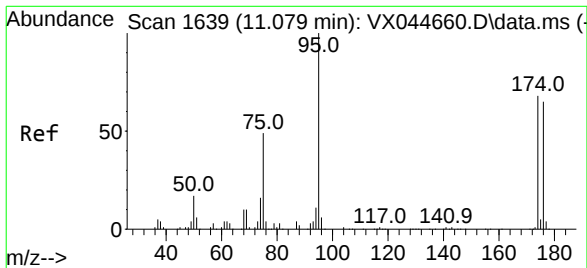
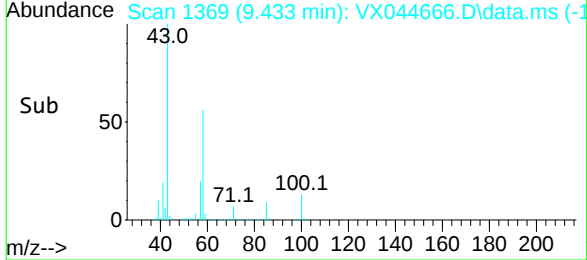
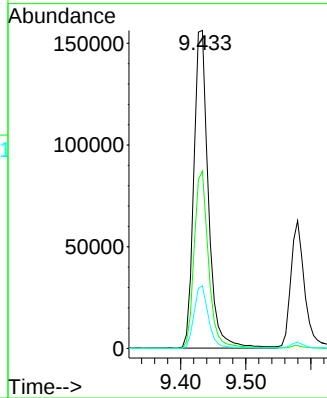
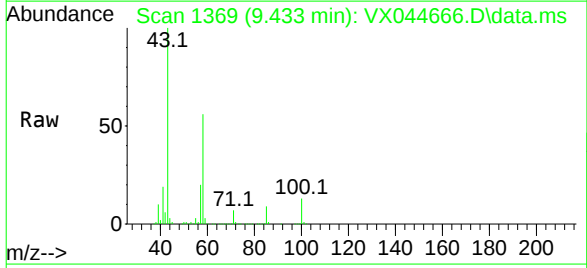
#59
2-Hexanone
Concen: 111.825 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion: 43 Resp: 242671
Ion Ratio Lower Upper
43 100
58 55.2 44.4 66.6
57 19.7 15.5 23.3

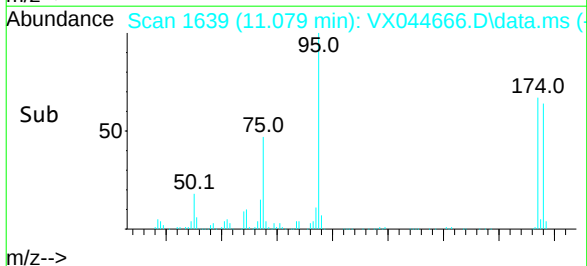
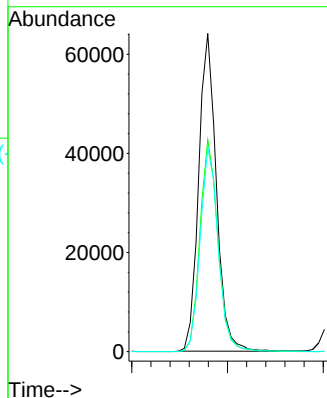
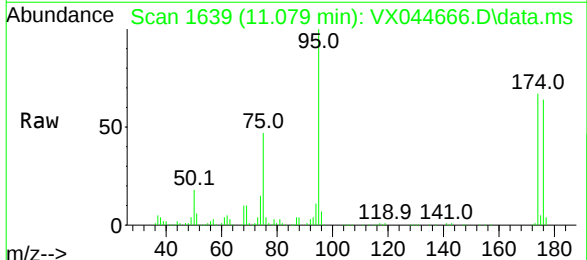
Manual Integrations
APPROVED

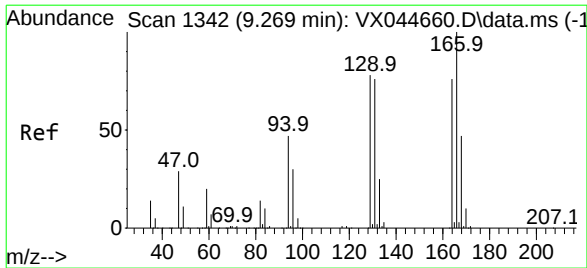
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
4-Bromofluorobenzene
Concen: 30.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

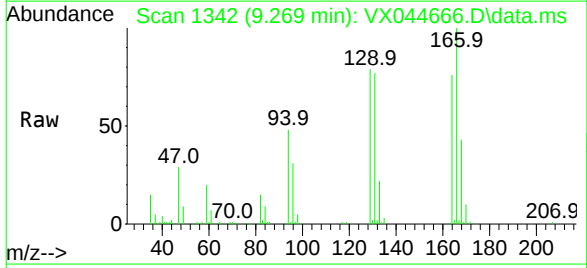
Tgt Ion: 95 Resp: 82354
Ion Ratio Lower Upper
95 100
174 68.0 54.6 81.8
176 65.1 52.8 79.2





#61
Tetrachloroethene
Concen: 21.142 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

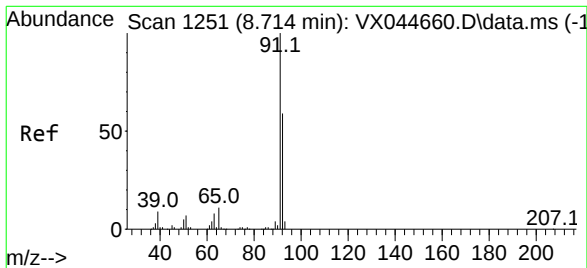
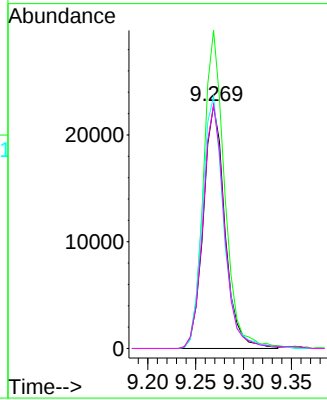
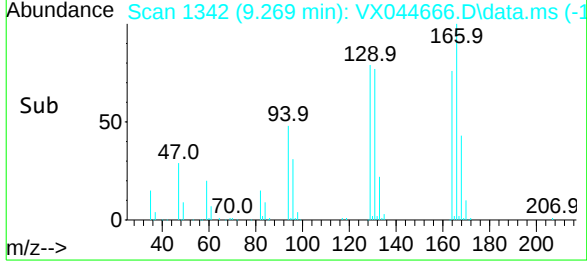
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 164 Resp: 35664
Ion Ratio Lower Upper
164 100
166 130.8 105.6 158.4
129 103.6 82.8 124.2
131 100.1 80.2 120.4

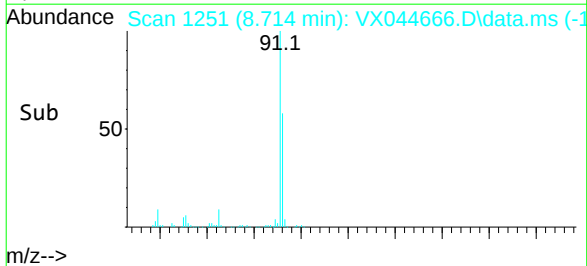
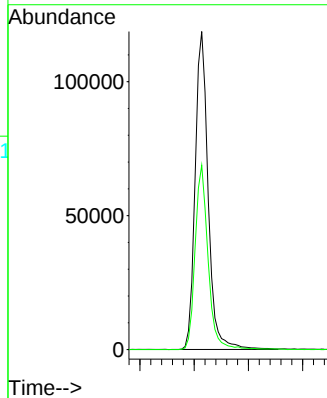
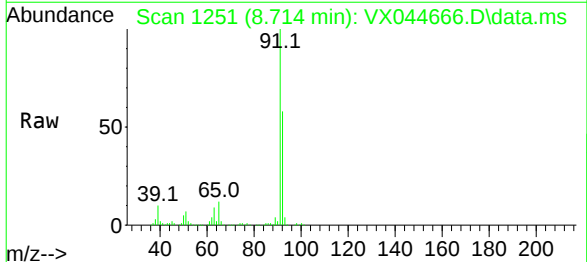
Manual Integrations
APPROVED

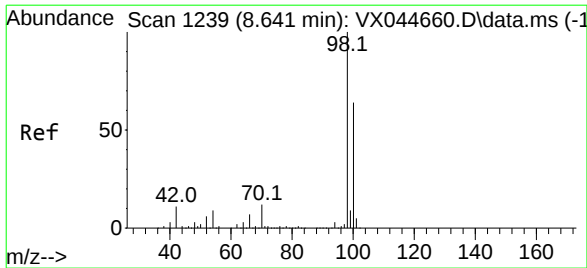
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#62
Toluene
Concen: 21.330 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 91 Resp: 197514
Ion Ratio Lower Upper
91 100
92 57.3 47.3 70.9





#63

Toluene-d8

Concen: 30.695 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion: 98 Resp: 234772

Ion Ratio Lower Upper

98 100

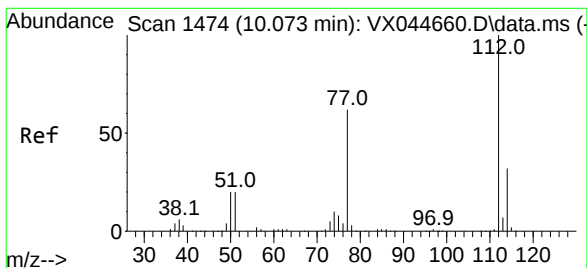
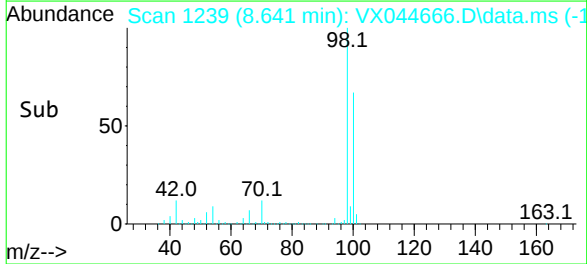
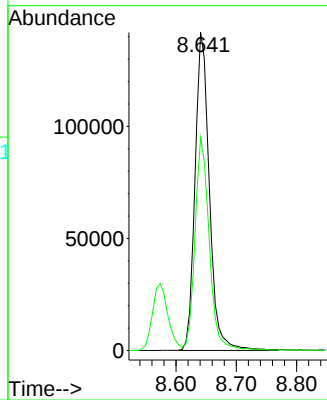
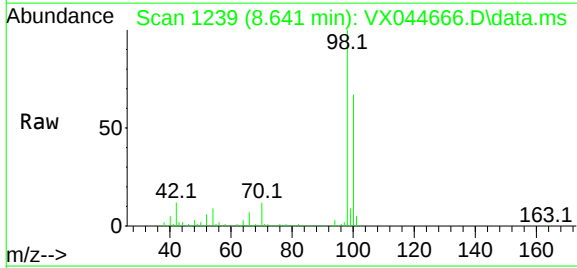
100 66.7 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#64

Chlorobenzene

Concen: 21.222 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044666.D

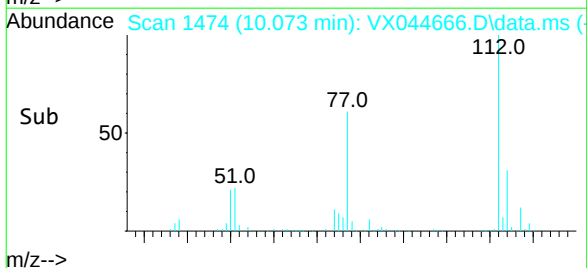
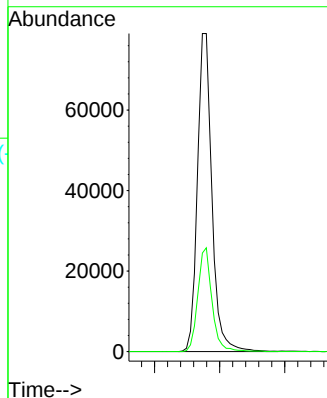
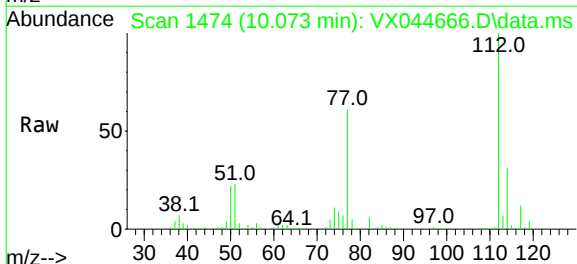
Acq: 16 Jan 2025 12:15

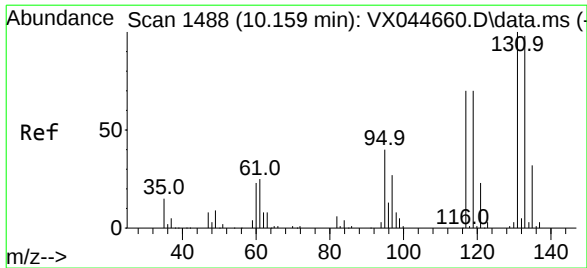
Tgt Ion:112 Resp: 122046

Ion Ratio Lower Upper

112 100

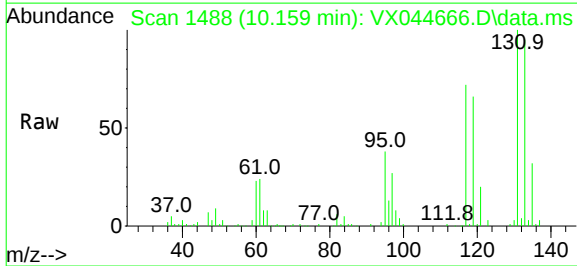
114 31.0 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

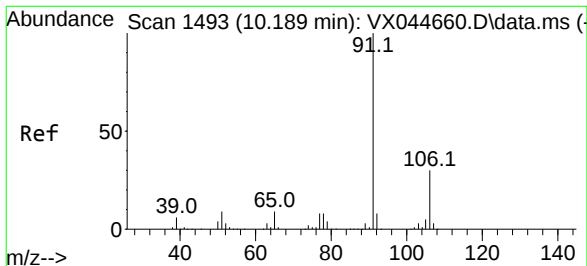
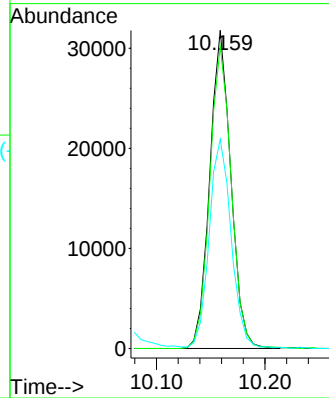
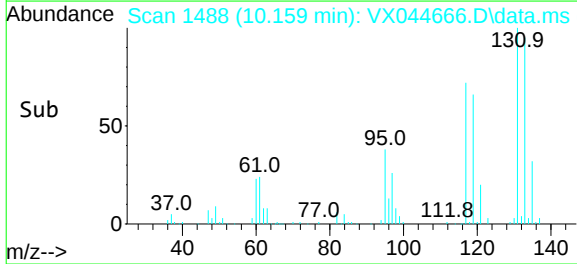
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion:131 Resp: 42978
Ion Ratio Lower Upper
131 100
133 96.7 0.0 192.4
119 68.5 0.0 133.4

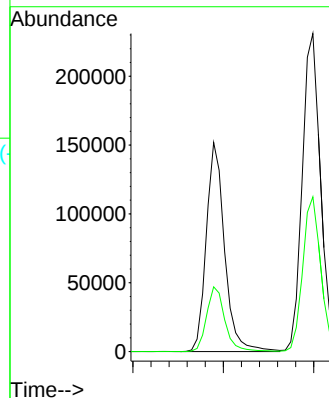
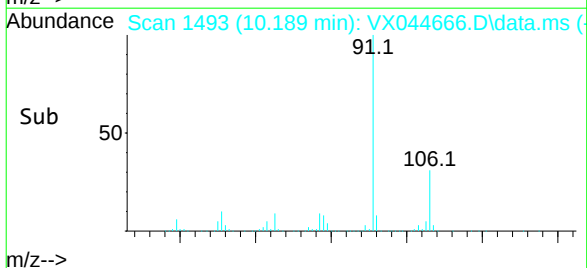
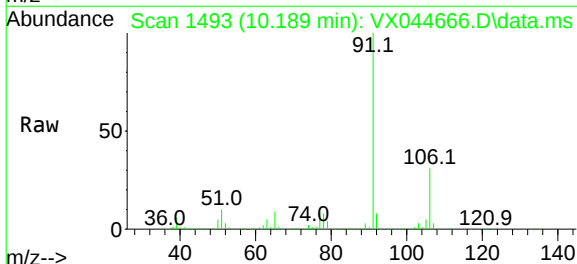
Manual Integrations
APPROVED

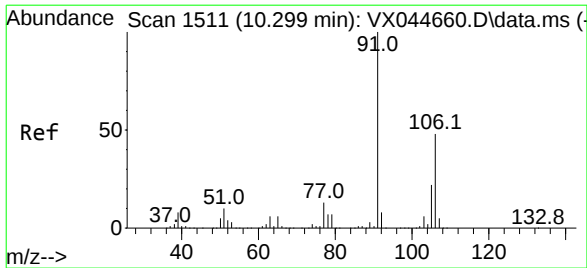
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 21.177 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 91 Resp: 214000
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





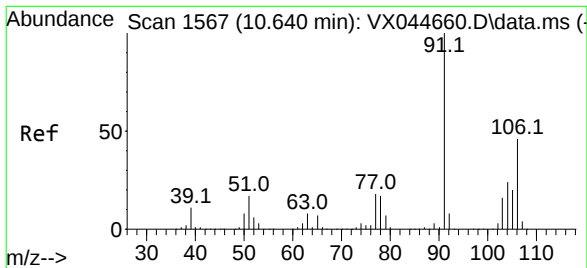
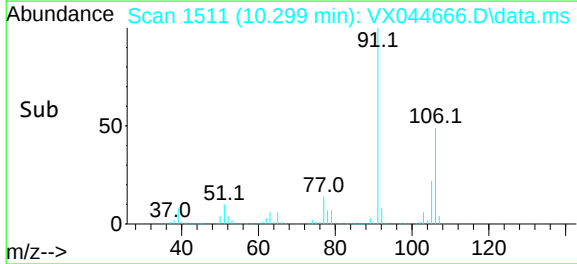
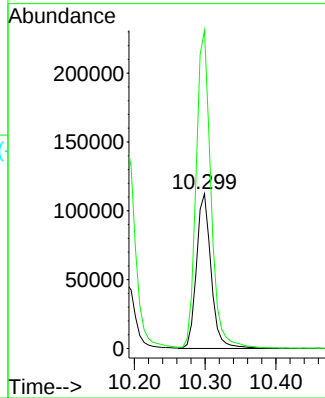
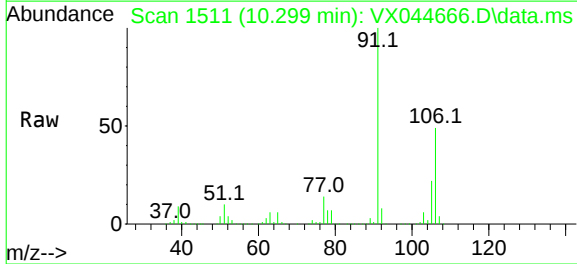
#67
m/p-Xylenes
Concen: 43.422 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion:106 Resp: 161293
Ion Ratio Lower Upper
106 100
91 208.0 166.8 250.2

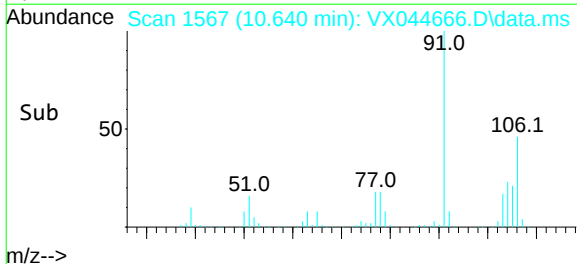
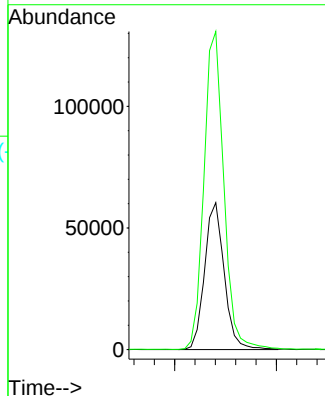
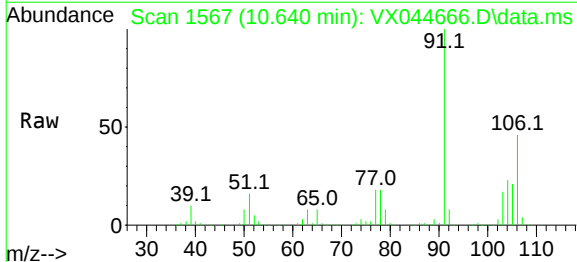
Manual Integrations
APPROVED

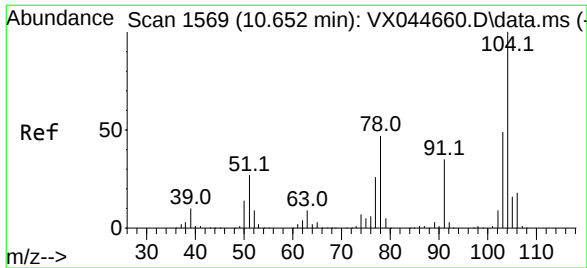
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#68
o-Xylene
Concen: 21.744 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion:106 Resp: 81063
Ion Ratio Lower Upper
106 100
91 218.2 109.7 329.1





#69

Styrene

Concen: 21.472 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

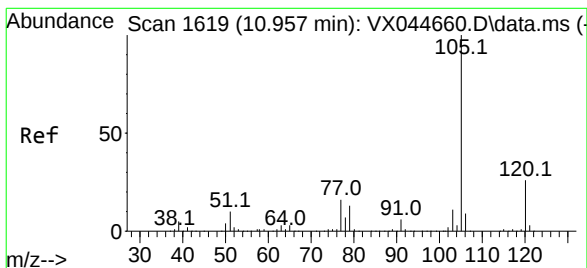
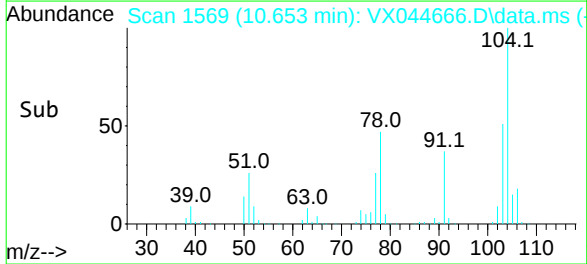
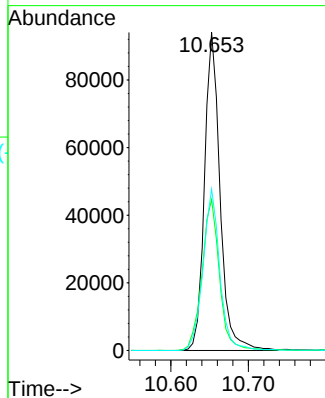
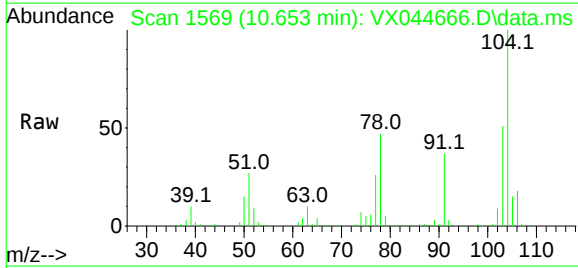
Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.0	63.0
103	54.6	43.1	64.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#70

Isopropylbenzene

Concen: 21.449 ug/l

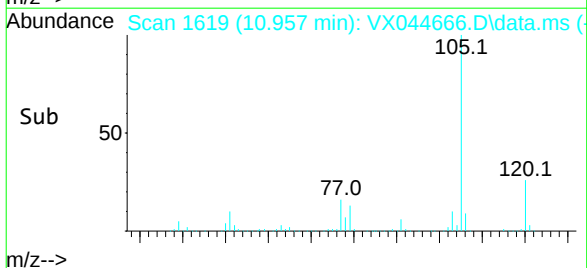
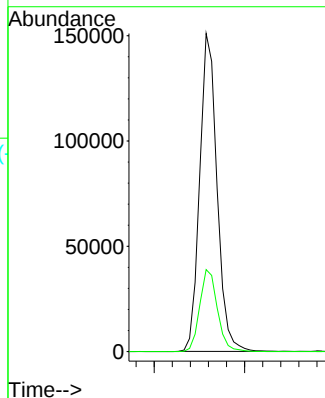
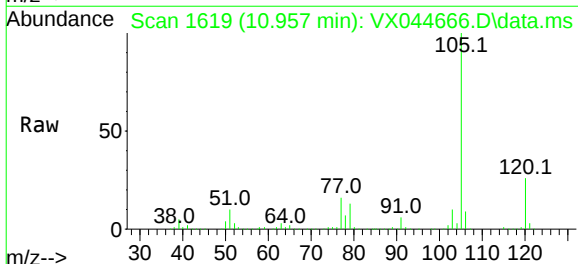
RT: 10.957 min Scan# 1619

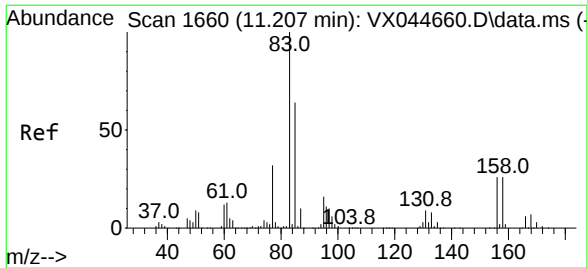
Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.6	34.6





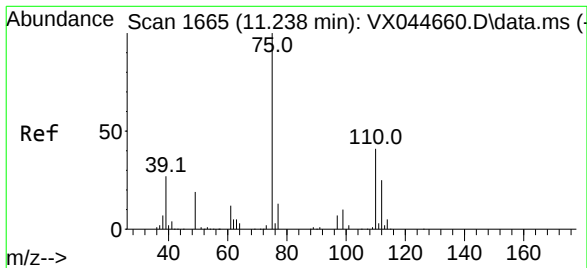
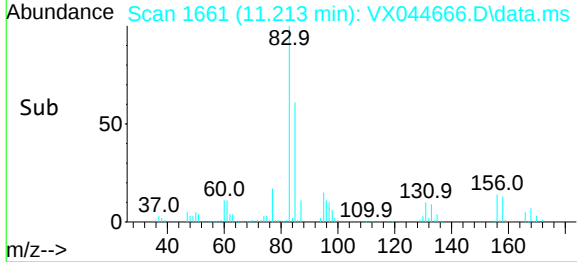
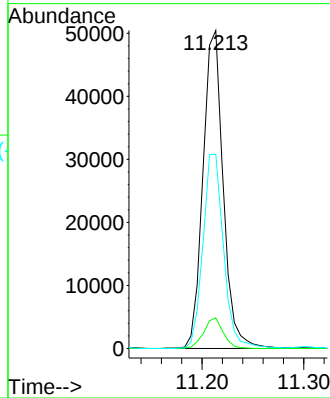
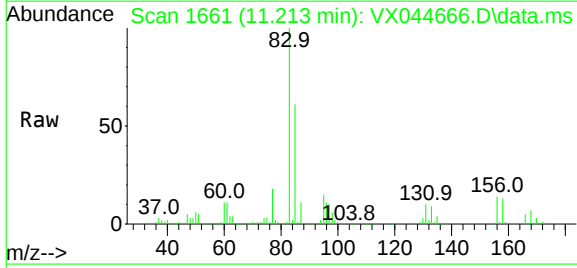
#71
1,1,2,2-Tetrachloroethane
Concen: 22.122 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	14.9
85	62.0	33.0	99.0

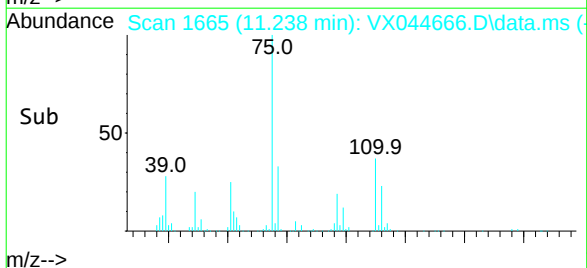
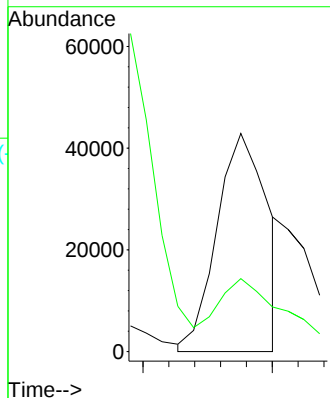
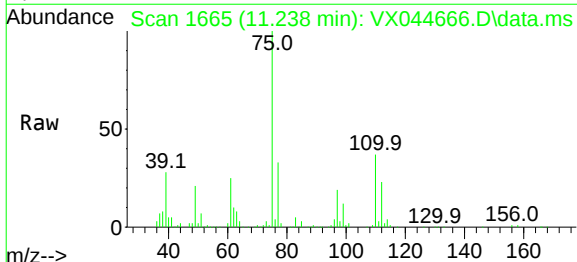
Manual Integrations
APPROVED

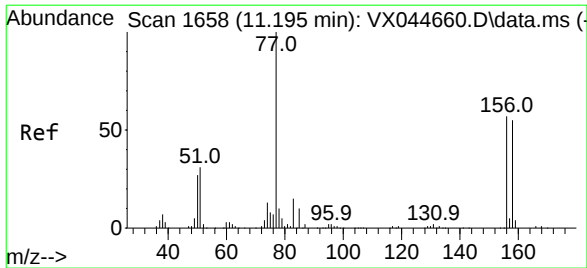
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#72
1,2,3-Trichloropropane
Concen: 21.906 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.5	0.0	83.0





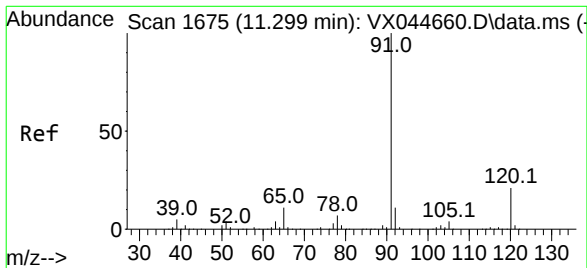
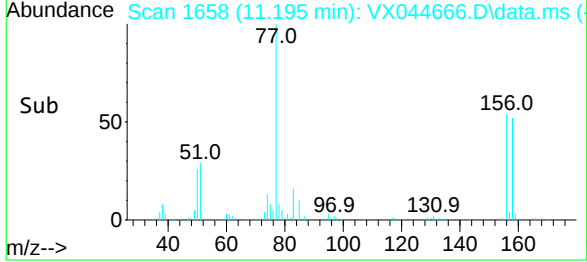
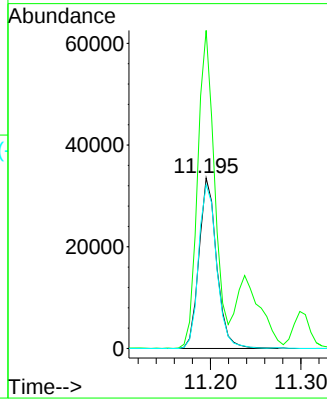
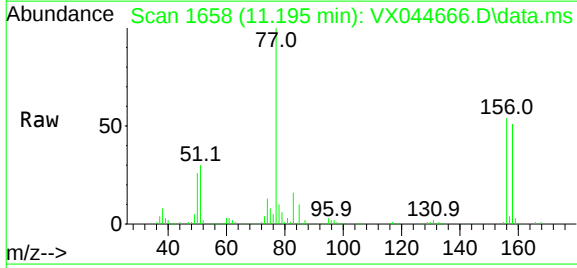
#73
Bromobenzene
Concen: 20.861 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion:156 Resp: 45546
Ion Ratio Lower Upper
156 100
77 178.8 0.0 354.6
158 98.1 0.0 193.6

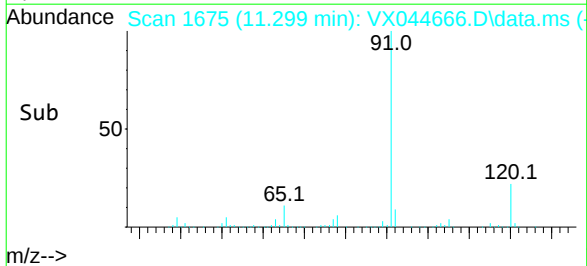
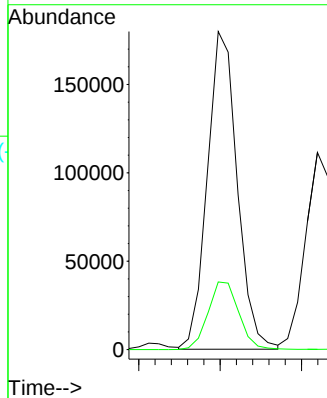
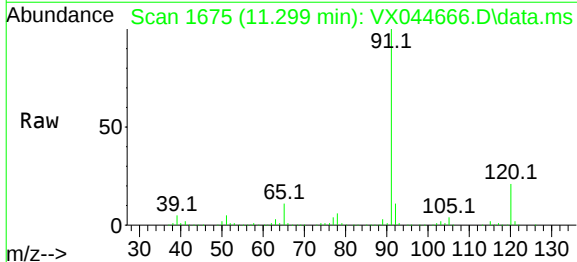
Manual Integrations
APPROVED

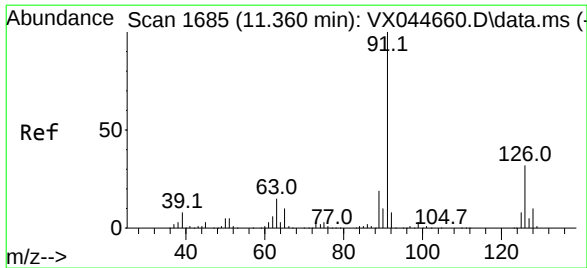
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#74
n-propylbenzene
Concen: 21.550 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 91 Resp: 229406
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0





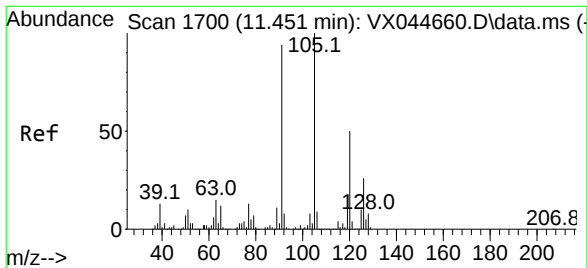
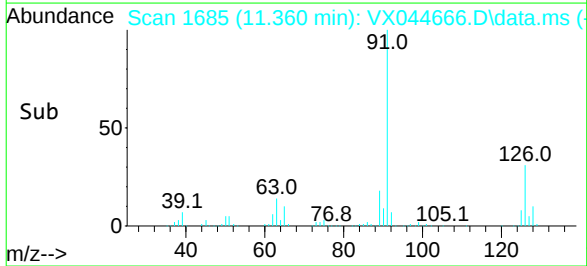
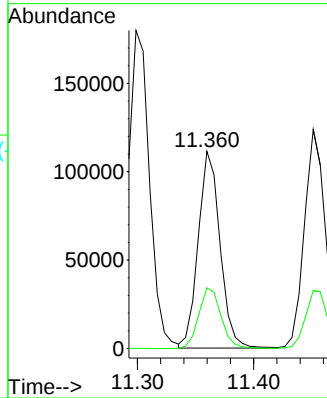
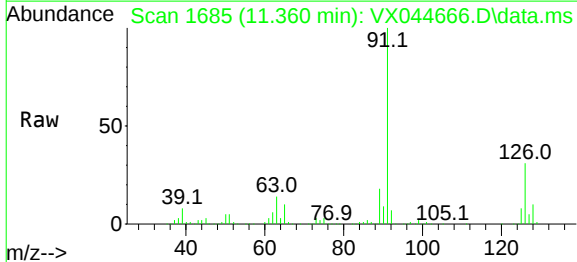
#75
2-Chlorotoluene
Concen: 21.697 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion: 91 Resp: 145209
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.0

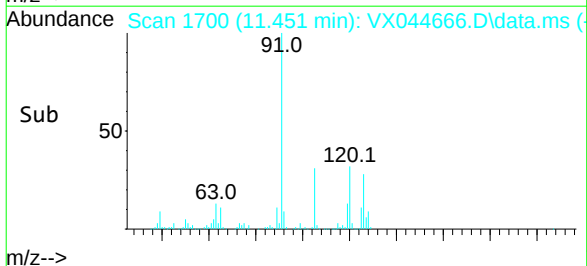
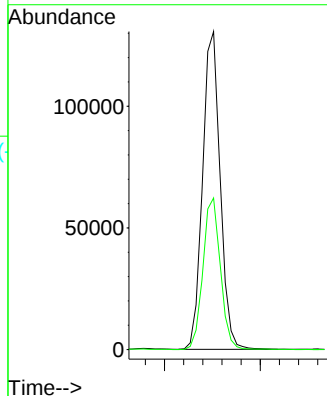
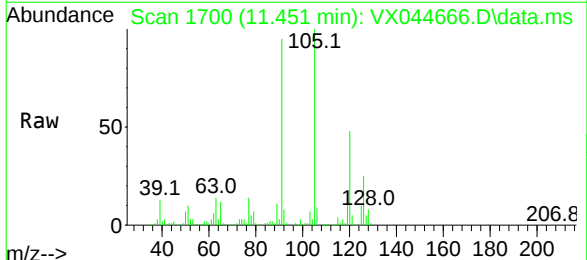
Manual Integrations
APPROVED

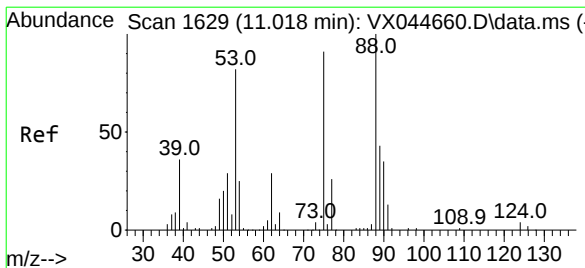
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.882 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

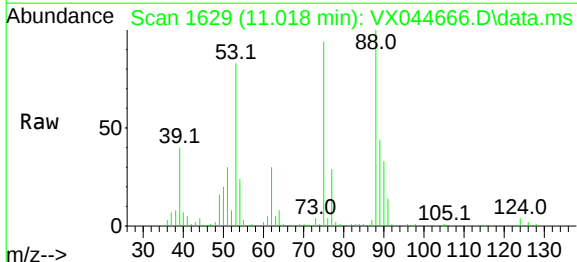
Tgt Ion:105 Resp: 166549
Ion Ratio Lower Upper
105 100
120 47.4 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.580 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

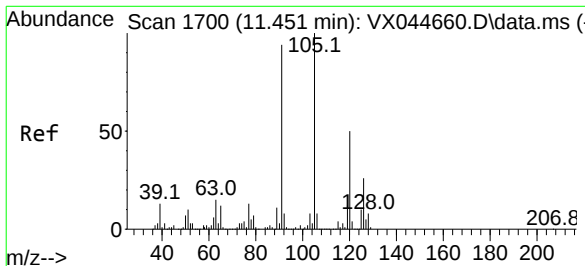
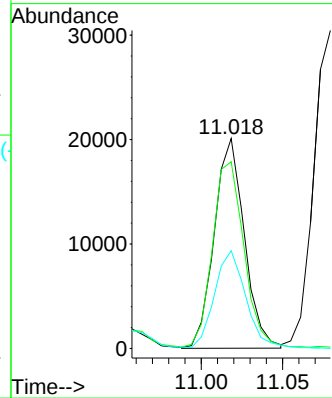
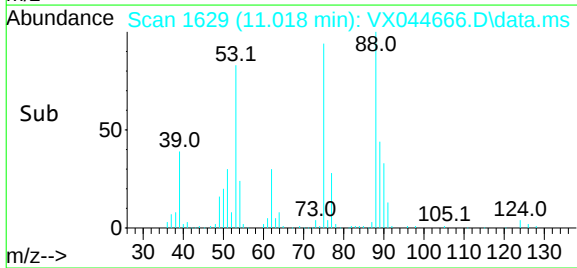
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 75 Resp: 25808
Ion Ratio Lower Upper
75 100
53 88.7 45.3 135.9
89 46.1 23.8 71.2

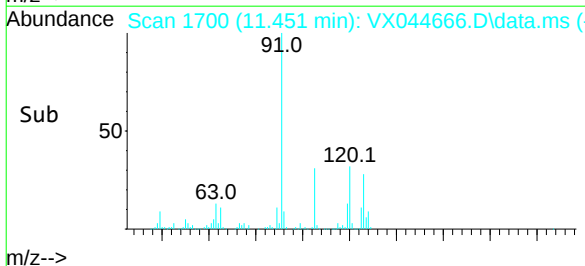
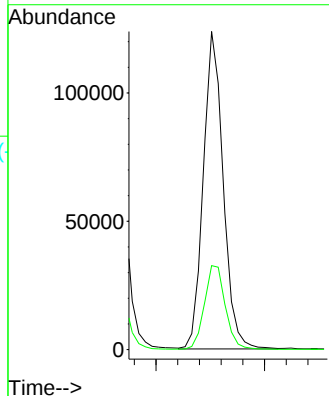
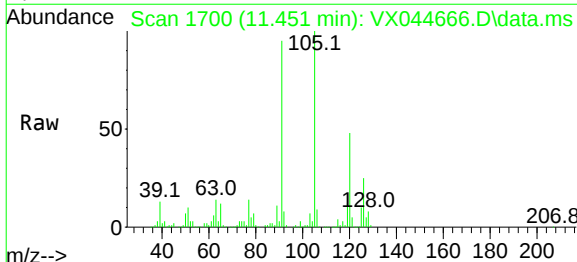
Manual Integrations
APPROVED

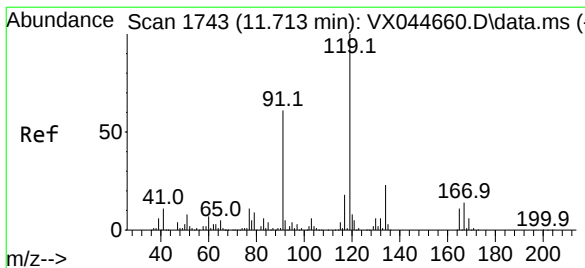
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#78
4-Chlorotoluene
Concen: 21.345 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Tgt Ion: 91 Resp: 157409
Ion Ratio Lower Upper
91 100
126 28.1 0.0 55.4





#79

tert-butylbenzene

Concen: 21.638 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

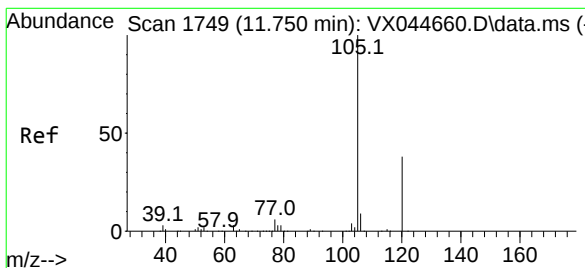
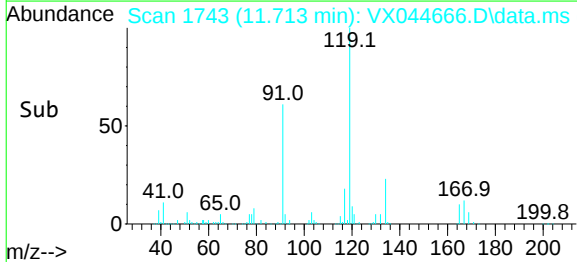
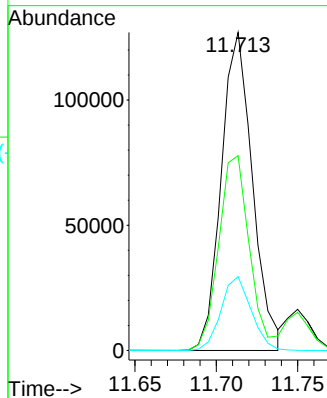
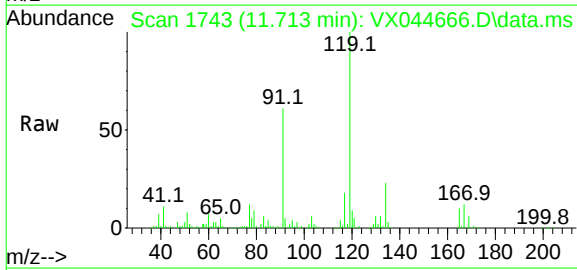
VX0116WBS01

Tgt Ion:	119	Resp:	169187
Ion Ratio	Lower	Upper	
119	100		
91	59.5	0.0	119.0
134	22.5	0.0	44.8

Manual Integrations

APPROVED

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



#80

1,2,4-Trimethylbenzene

Concen: 21.509 ug/l

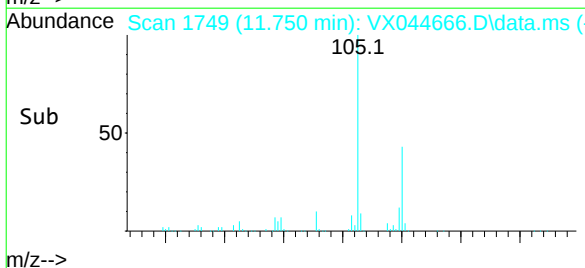
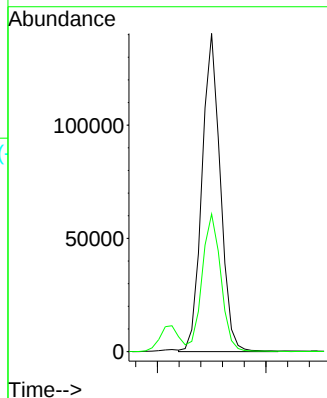
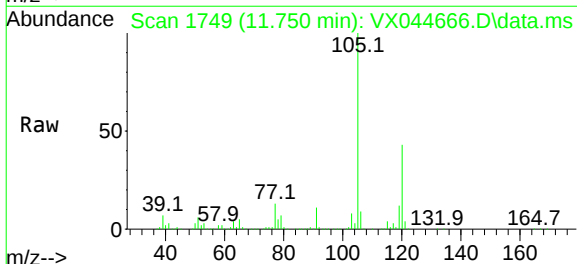
RT: 11.750 min Scan# 1749

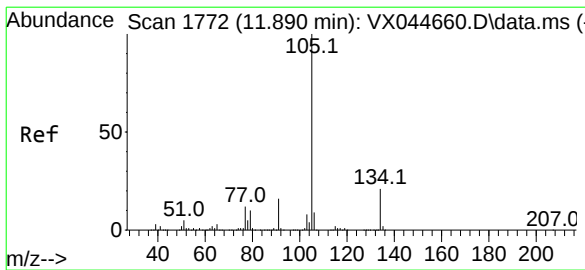
Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Tgt Ion:	105	Resp:	165173
Ion Ratio	Lower	Upper	
105	100		
120	44.3	0.0	88.4





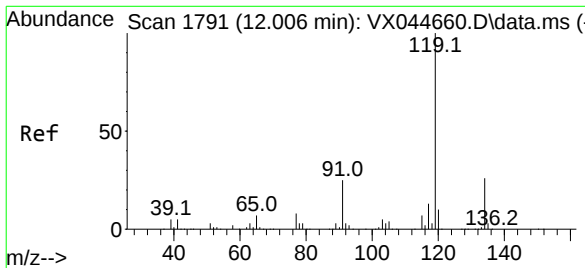
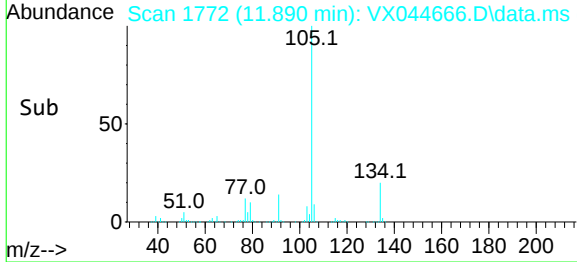
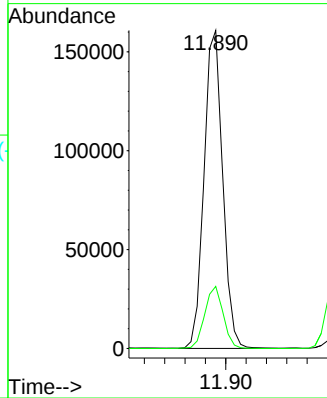
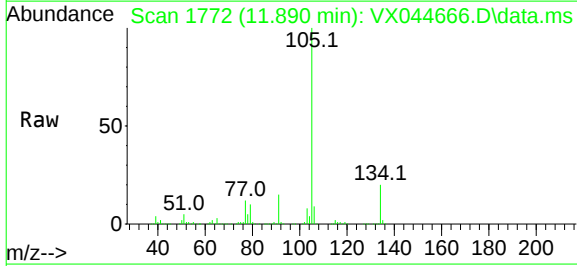
#81
sec-Butylbenzene
Concen: 21.902 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tgt Ion:105 Resp: 204493
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.6

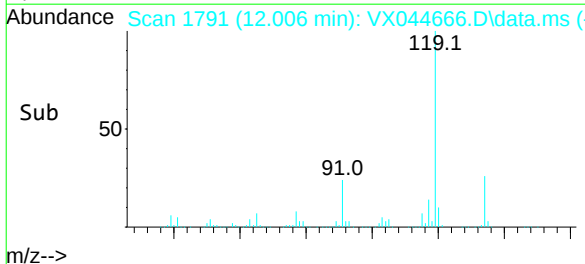
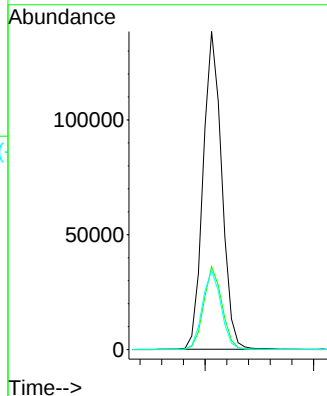
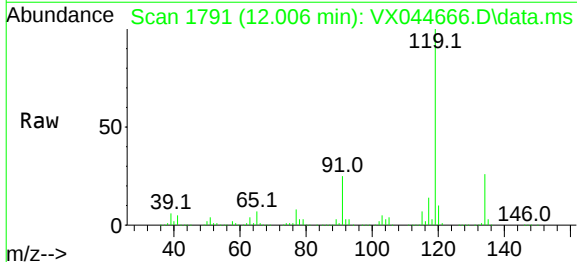
Manual Integrations
APPROVED

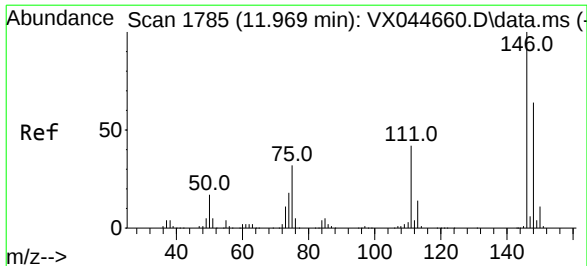
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
p-Isopropyltoluene
Concen: 21.412 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

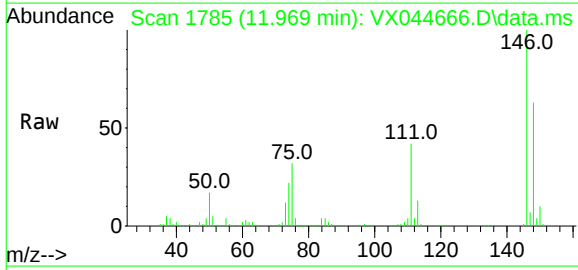
Tgt Ion:119 Resp: 164534
Ion Ratio Lower Upper
119 100
134 25.8 0.0 52.2
91 24.8 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.876 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

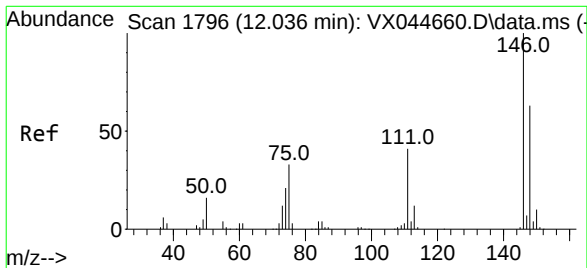
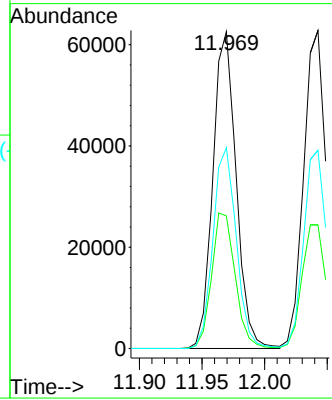
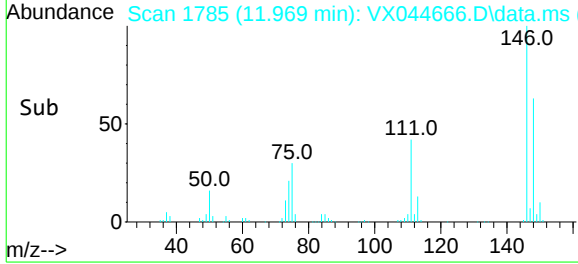
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



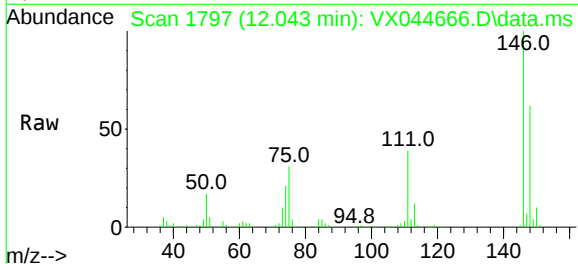
Tgt Ion:146 Resp: 80958
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.7 31.6 94.7

Manual Integrations
APPROVED

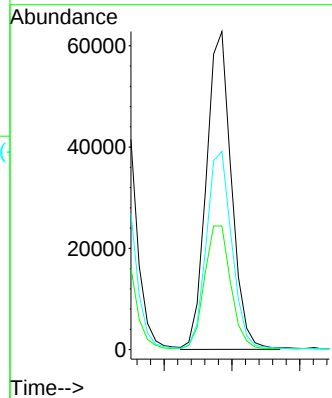
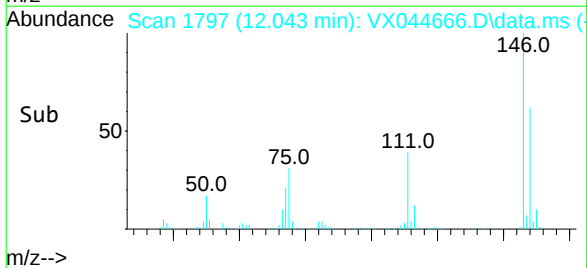
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

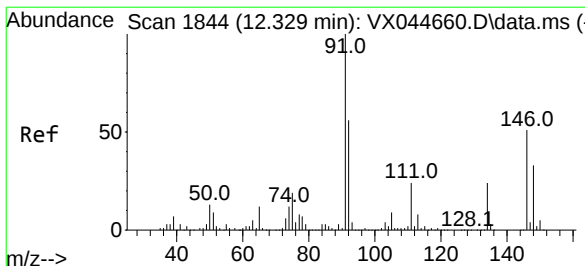


#84
1,4-Dichlorobenzene
Concen: 21.247 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15



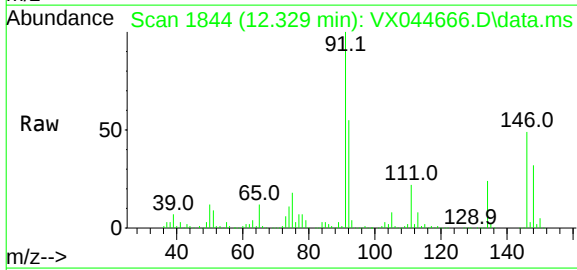
Tgt Ion:146 Resp: 80775
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.5
148 63.0 32.1 96.5





#85
n-Butylbenzene
Concen: 20.968 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

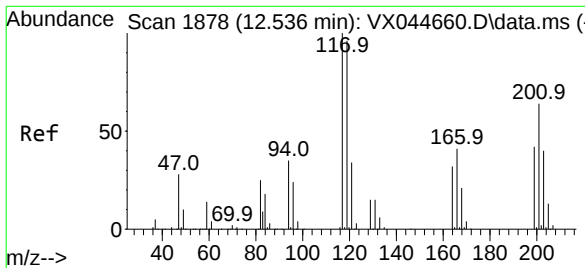
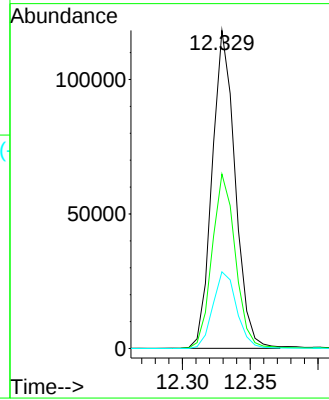
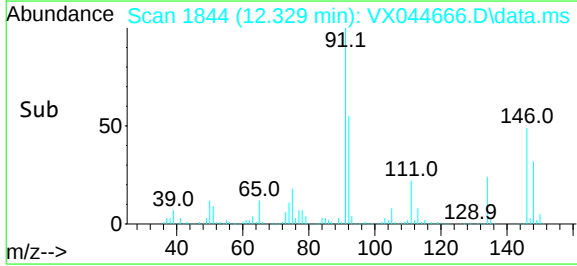
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



Tgt Ion: 91 Resp: 139667
Ion Ratio Lower Upper
91 100
92 55.5 0.0 109.4
134 25.1 0.0 49.2

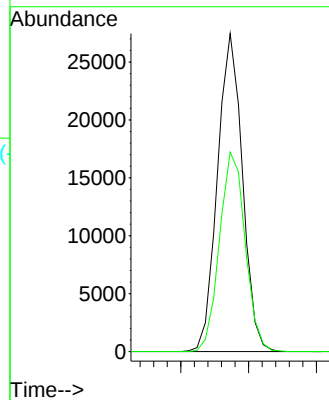
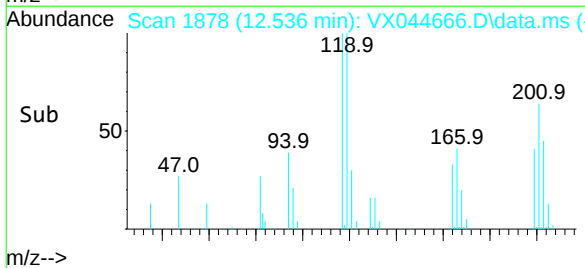
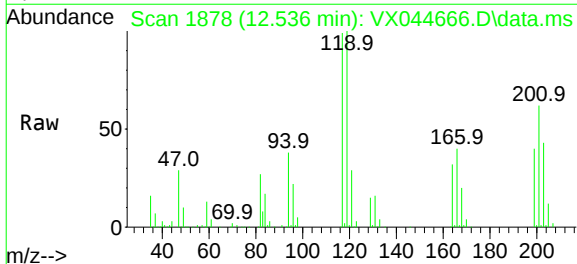
Manual Integrations
APPROVED

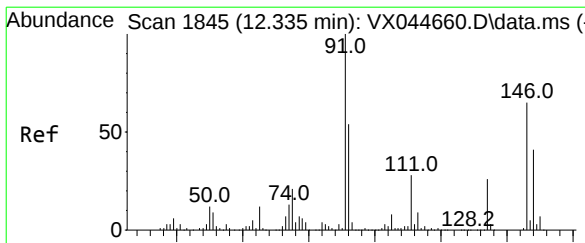
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#86
Hexachloroethane
Concen: 20.775 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

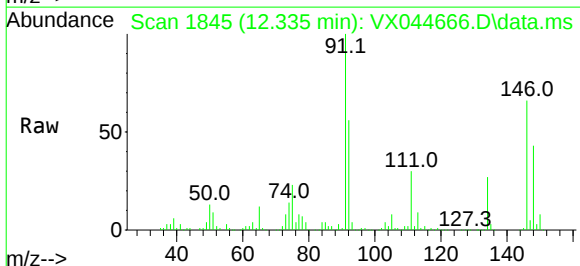
Tgt Ion:117 Resp: 35119
Ion Ratio Lower Upper
117 100
201 64.6 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 20.921 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15

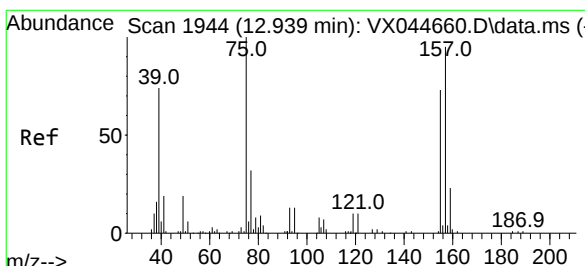
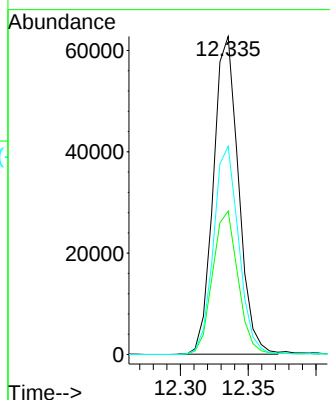
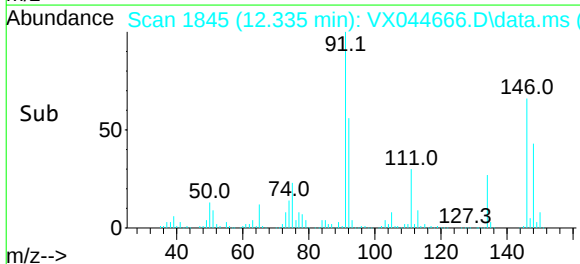
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01



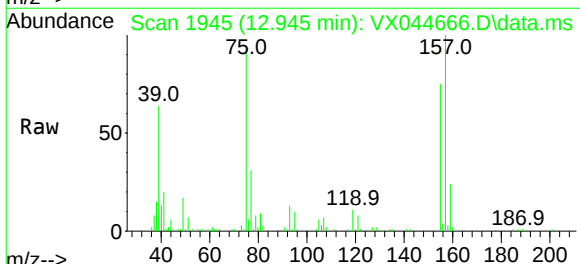
Tgt Ion: 146 Resp: 81019
Ion Ratio Lower Upper
146 100
111 45.7 22.2 66.6
148 65.9 32.1 96.3

Manual Integrations
APPROVED

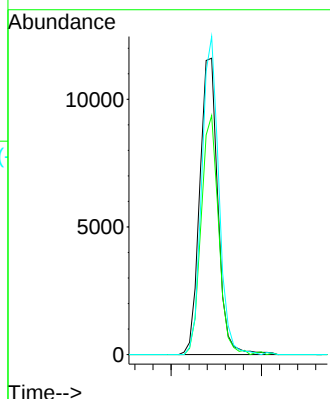
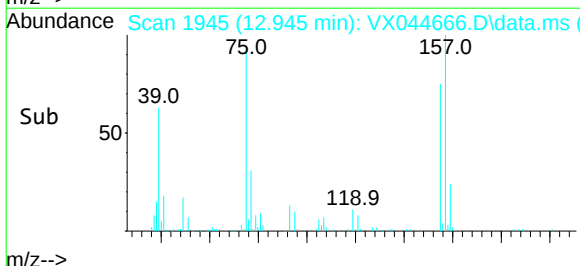
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

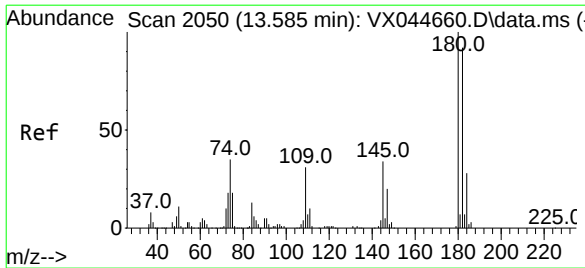


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.357 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044666.D
Acq: 16 Jan 2025 12:15



Tgt Ion: 75 Resp: 16207
Ion Ratio Lower Upper
75 100
155 77.1 62.3 93.5
157 100.5 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 20.050 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tgt Ion:180 Resp: 48252

Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

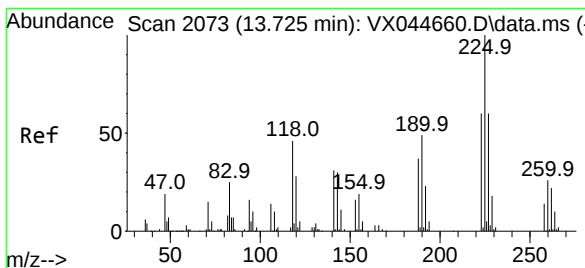
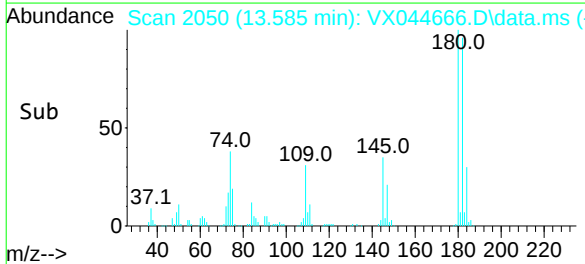
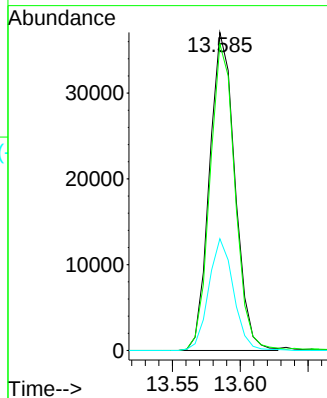
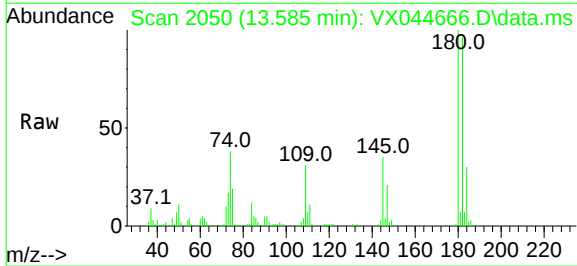
145 34.4 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#90

Hexachlorobutadiene

Concen: 20.595 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

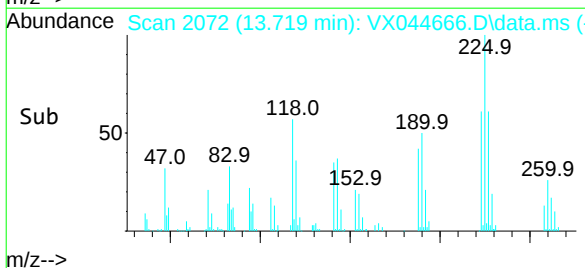
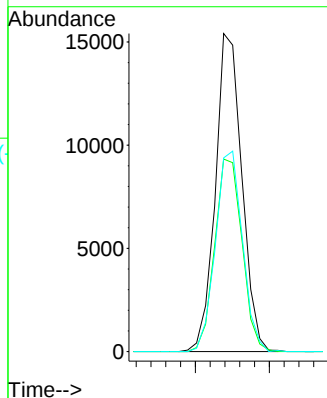
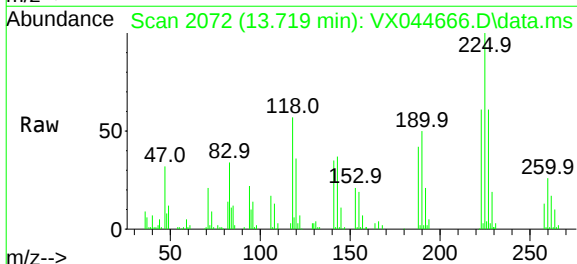
Tgt Ion:225 Resp: 19172

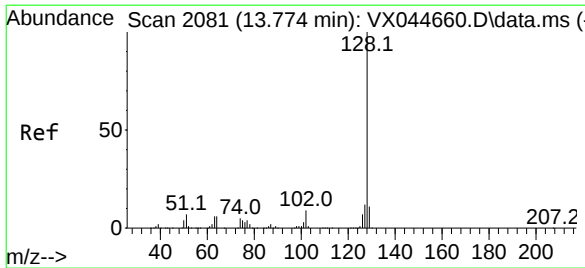
Ion Ratio Lower Upper

225 100

223 62.3 0.0 123.0

227 64.0 0.0 124.2





#91

Naphthalene

Concen: 21.609 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

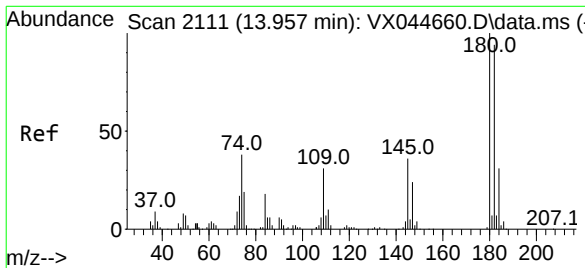
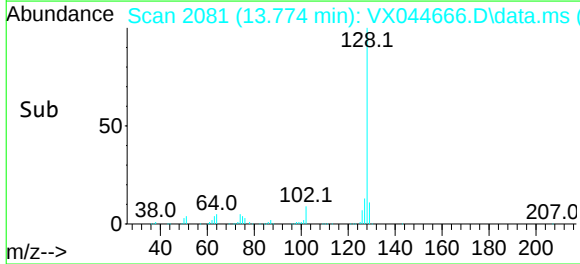
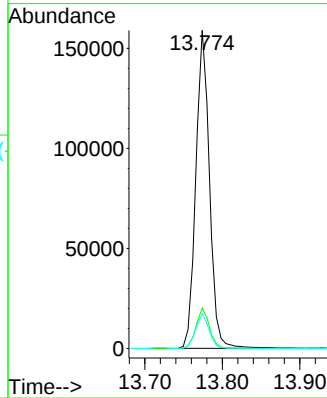
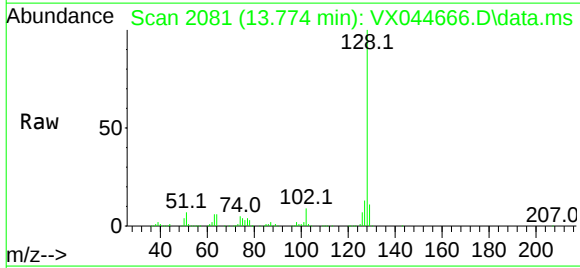
VX0116WBS01

Tgt Ion:	128	Resp:	194561
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	9.0	13.6

Manual Integrations

APPROVED

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



#92

1,2,3-Trichlorobenzene

Concen: 20.717 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044666.D

Acq: 16 Jan 2025 12:15

Tgt Ion:	180	Resp:	50711
Ion Ratio	Lower	Upper	
180	100		
182	94.1	0.0	187.8
145	35.2	0.0	69.8

