

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044660.D
 Acq On : 16 Jan 2025 09:02
 Operator :
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 01:00:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	33434	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	183316	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	165841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	95855	29.698	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.000%	
60) 4-Bromofluorobenzene	11.079	95	95915	29.776	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.267%	
63) Toluene-d8	8.641	98	268606	29.779	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.267%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59011	21.978	ug/l	100
3) Chloromethane	1.301	50	64444	20.609	ug/l	100
4) Vinyl Chloride	1.374	62	61288	20.032	ug/l	100
5) Bromomethane	1.593	94	14449	19.557	ug/l	100
6) Chloroethane	1.666	64	9612	19.455	ug/l	100
7) Trichlorofluoromethane	1.867	101	66116	19.733	ug/l	100
8) Diethyl Ether	2.136	74	25682	19.869	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	46585	19.407	ug/l	100
10) 1,1-Dichloroethene	2.313	96	48300	19.557	ug/l	100
11) Methyl Iodide	2.447	142	69610	20.341	ug/l	100
12) Methyl Acetate	2.703	43	70020	19.421	ug/l	100
13) Acrolein	2.239	56	32834	82.358	ug/l	100
14) Acrylonitrile	3.062	53	133148	101.348	ug/l	100
15) Acetone	2.386	58	34632	98.240	ug/l	100
16) Carbon Disulfide	2.502	76	135960	19.810	ug/l	100
17) Allyl chloride	2.654	41	90204	20.254	ug/l	100
18) Methylene Chloride	2.782	84	56413	20.405	ug/l	100
19) trans-1,2-Dichloroethene	3.081	96	49084	19.989	ug/l	100
20) Diisopropyl ether	3.757	45	166654	20.616	ug/l	100
21) 1,1-Dichloroethane	3.605	63	96629	20.151	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	62694	20.628	ug/l	100
23) tert-Butyl Alcohol	2.977	59	65050m	114.131	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	174439	20.386	ug/l	100
25) Chloroform	5.086	83	97039	20.366	ug/l	100
26) Cyclohexane	5.458	56	79956	19.839	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	63605	19.948	ug/l	100
30) 2-Butanone	4.556	43	180079	102.811	ug/l	100
31) 2,2-Dichloropropane	4.471	77	89122	20.198	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	85820	20.310	ug/l	100
33) Carbon Tetrachloride	5.666	117	71722	20.121	ug/l	100
34) Benzene	6.031	78	210959	20.737	ug/l	100
35) Methacrylonitrile	4.922	41	39575	20.216	ug/l	100
36) 1,2-Dichloroethane	6.080	62	75287	20.699	ug/l	100
37) Trichloroethene	7.123	130	49474	20.143	ug/l	100
38) Methylcyclohexane	7.373	83	84540	19.514	ug/l	100
39) 1,2-Dichloropropane	7.421	63	52299	20.616	ug/l	100
40) Dibromomethane	7.580	93	38410	20.366	ug/l	100
41) Bromodichloromethane	7.818	83	80017	20.548	ug/l	100
42) Vinyl Acetate	3.715	43	725170	104.251	ug/l	100

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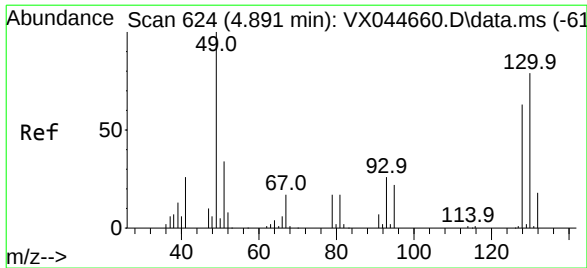
Manual Integrations
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Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:00:56 2025
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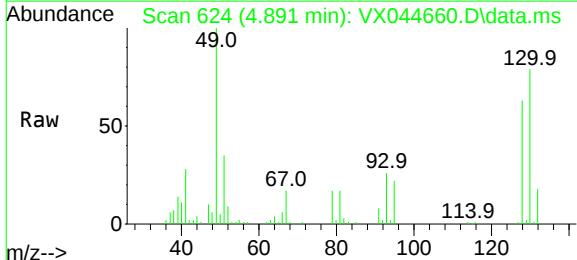
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	72396m	21.071	ug/l	
44) Isopropyl Acetate	6.336	43	127474	20.652	ug/l	100
45) 1,4-Dioxane	7.677	88	25021	425.692	ug/l	100
46) Methyl methacrylate	7.690	41	62145	20.568	ug/l	100
47) n-amyl Acetate	10.841	43	110225	21.278	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	85014	20.683	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	91440	20.747	ug/l	100
50) 1,1,2-Trichloroethane	9.147	97	51190	21.040	ug/l	100
51) Ethyl methacrylate	9.116	69	88025	20.861	ug/l	100
52) 1,3-Dichloropropane	9.305	76	87800	20.900	ug/l	100
53) Dibromochloromethane	9.519	129	61431	21.165	ug/l	100
54) 1,2-Dibromoethane	9.604	107	53825	20.963	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	214240	104.779	ug/l	100
56) Bromoform	10.799	173	39538	20.544	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	358614	102.588	ug/l	100
59) 2-Hexanone	9.433	43	261785	102.292	ug/l	100
61) Tetrachloroethene	9.269	164	38724	19.466	ug/l	100
62) Toluene	8.714	91	218070	19.970	ug/l	100
64) Chlorobenzene	10.073	112	136037	20.059	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	49228	20.207	ug/l	100
66) Ethyl Benzene	10.189	91	241177	20.238	ug/l	100
67) m/p-Xylenes	10.299	106	180626	41.233	ug/l	100
68) o-Xylene	10.640	106	90982	20.694	ug/l	100
69) Styrene	10.652	104	150095	20.793	ug/l	100
70) Isopropylbenzene	10.957	105	226317	20.476	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	75650	20.326	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	64385m	20.597	ug/l	
73) Bromobenzene	11.195	156	52618	20.435	ug/l	100
74) n-propylbenzene	11.299	91	255513	20.339	ug/l	100
75) 2-Chlorotoluene	11.360	91	162457	20.573	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	185378	20.653	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	29516	19.959	ug/l	100
78) 4-Chlorotoluene	11.451	91	177891	20.455	ug/l	100
79) tert-butylbenzene	11.713	119	191290	20.745	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	186763	20.623	ug/l	100
81) sec-Butylbenzene	11.890	105	224992	20.434	ug/l	100
82) p-Isopropyltoluene	12.006	119	186107	20.537	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	92976	20.330	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	92092	20.540	ug/l	100
85) n-Butylbenzene	12.329	91	156896	19.973	ug/l	100
86) Hexachloroethane	12.536	117	39754	19.941	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	94144	20.614	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	17538	19.597	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	54885	19.338	ug/l	100
90) Hexachlorobutadiene	13.725	225	21996	20.036	ug/l	100
91) Naphthalene	13.774	128	214309	20.183	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	58101	20.127	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

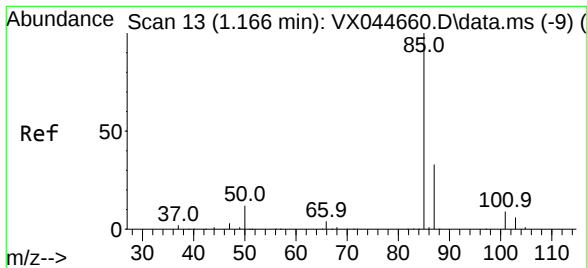
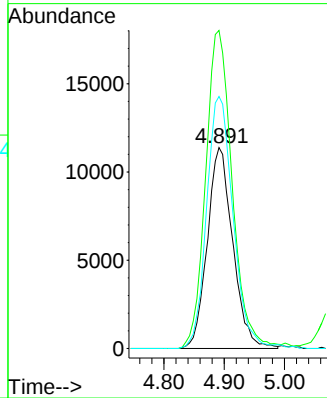
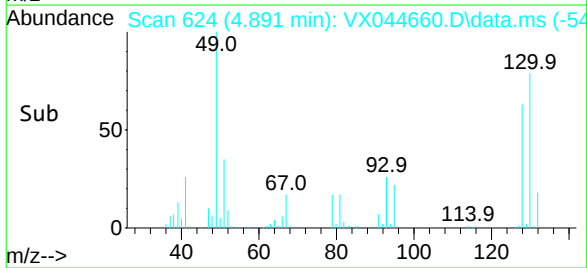
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



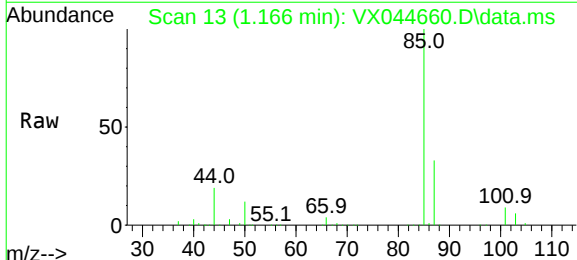
Tgt Ion:128 Resp: 33434
Ion Ratio Lower Upper
128 100
49 164.6 0.0 411.5
130 129.7 0.0 324.3

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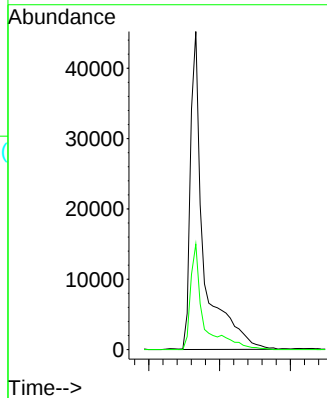
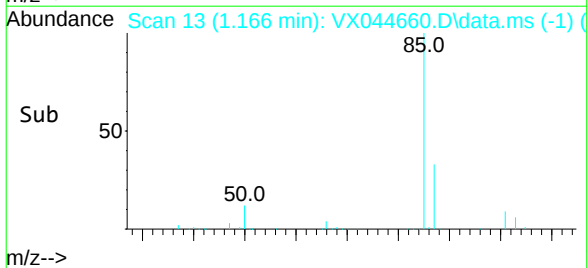
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

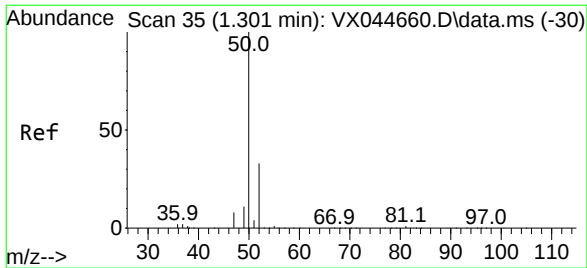


#2
Dichlorodifluoromethane
Concen: 21.978 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02



Tgt Ion: 85 Resp: 59011
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





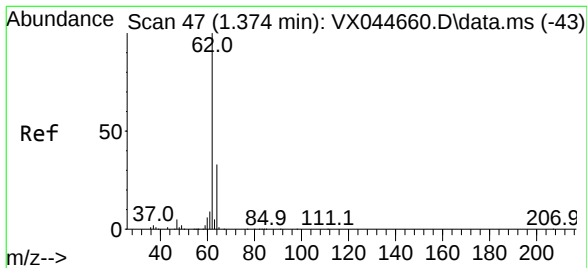
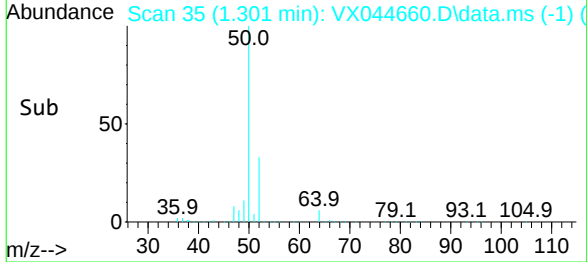
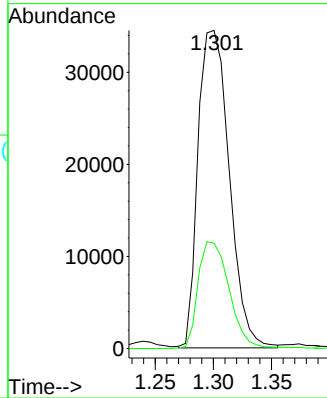
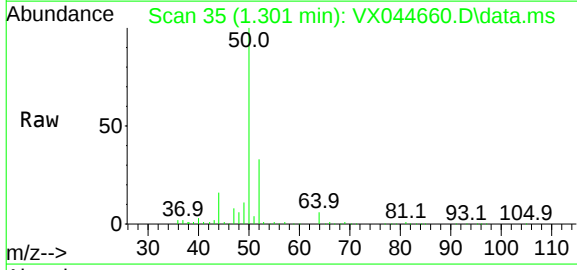
#3
Chloromethane
Concen: 20.609 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 64444
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

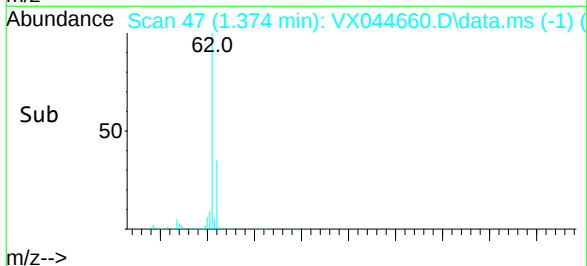
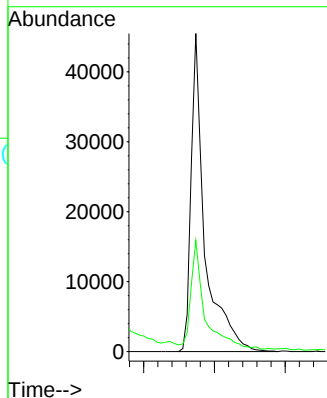
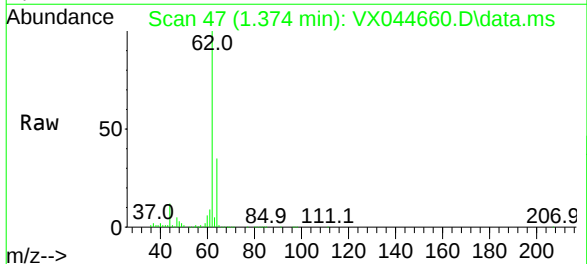
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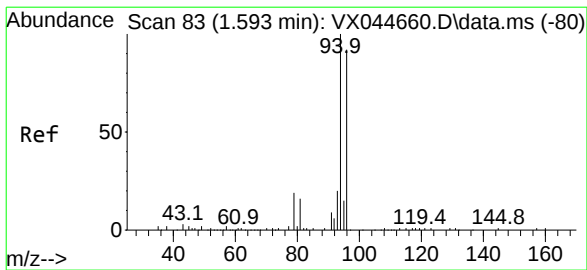
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#4
Vinyl Chloride
Concen: 20.032 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

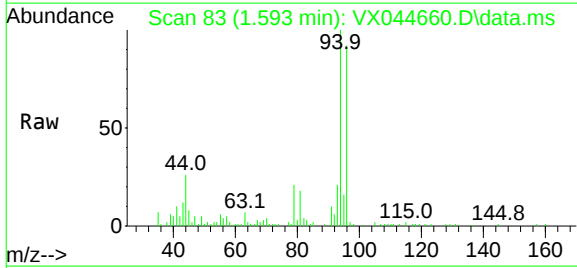
Tgt Ion: 62 Resp: 61288
Ion Ratio Lower Upper
62 100
64 34.1 27.3 40.9





#5
Bromomethane
Concen: 19.557 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

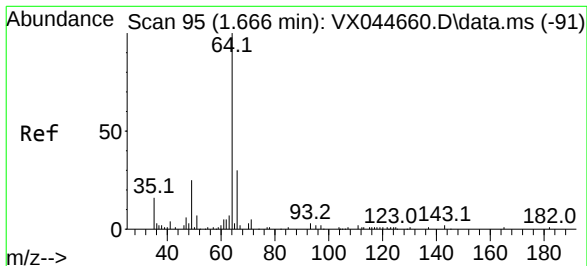
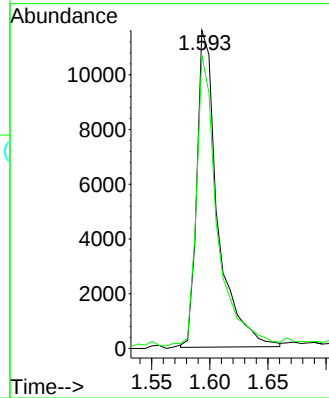
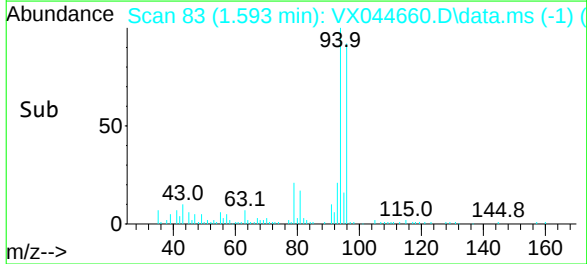
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 14449
Ion Ratio Lower Upper
94 100
96 91.6 73.3 109.9

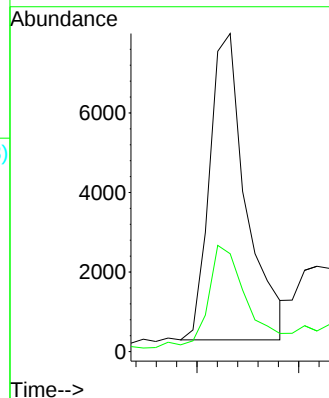
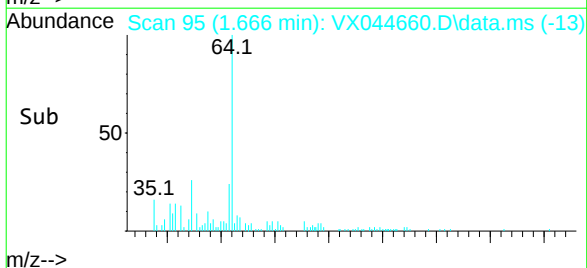
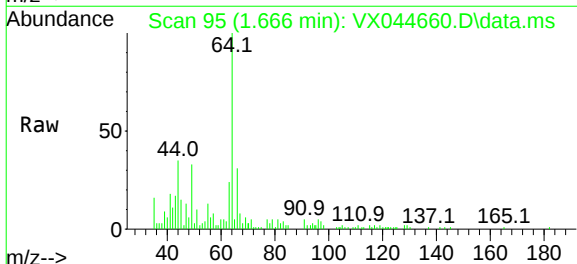
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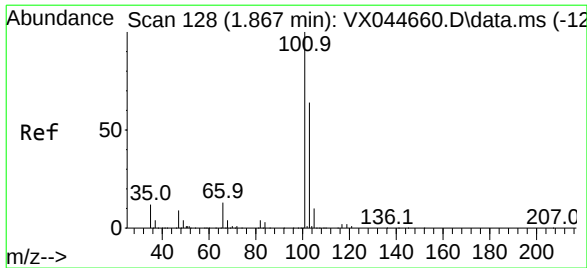
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#6
Chloroethane
Concen: 19.455 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

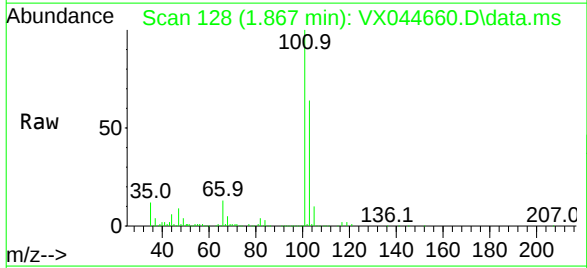
Tgt Ion: 64 Resp: 9612
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 19.733 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

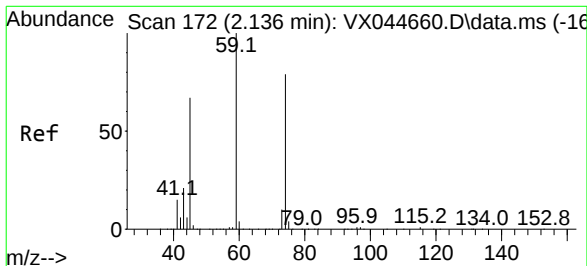
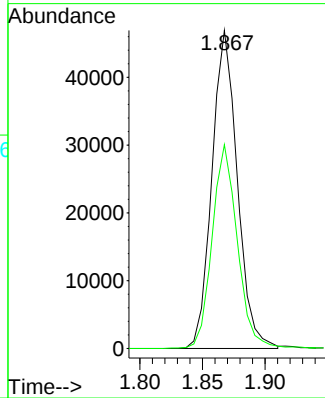
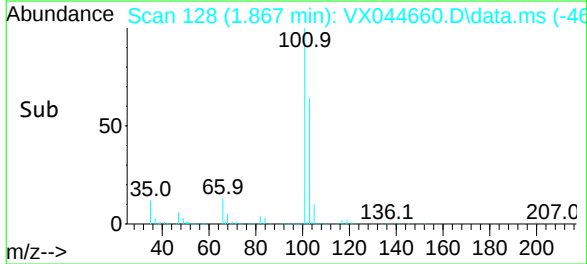
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Tgt Ion: 101 Resp: 66116
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7

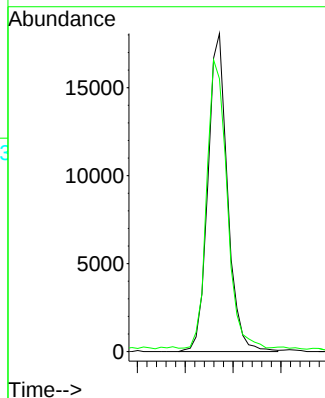
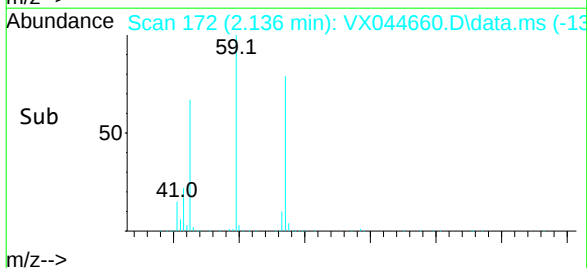
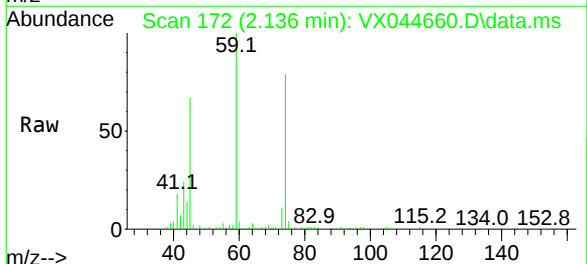
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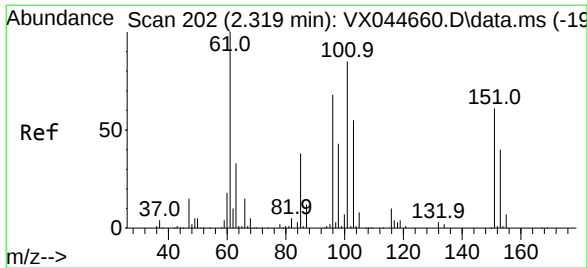
Reviewed By : Mahesh Dadoda 01/17/2025
 Supervised By : Semsettin Yesilyurt 01/17/2025



#8
 Diethyl Ether
 Concen: 19.869 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion: 74 Resp: 25682
 Ion Ratio Lower Upper
 74 100
 45 94.1 18.8 168.8





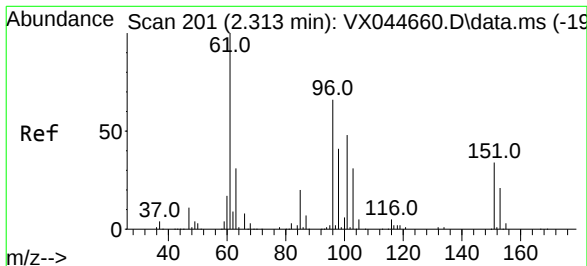
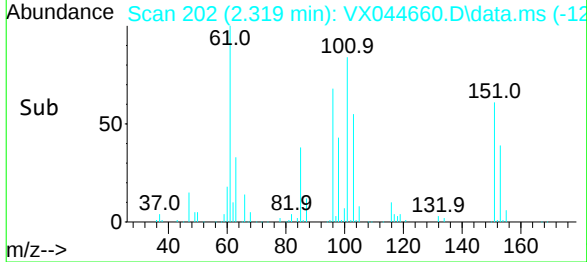
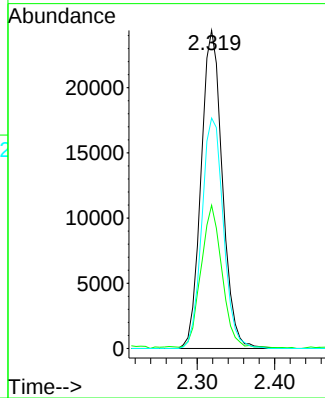
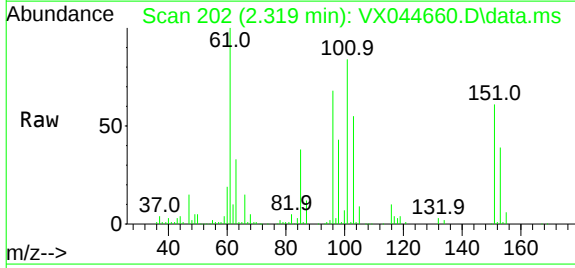
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1,1,2-Trichlorotrifluoroethane
Concen: 19.407 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 46585
Ion Ratio Lower Upper
101 100
85 44.0 0.0 88.0
151 73.5 0.0 147.0

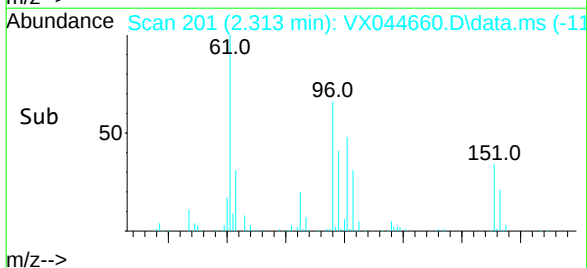
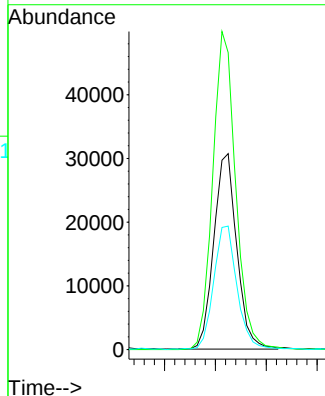
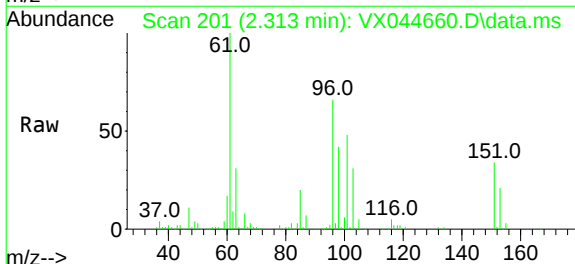
Manual Integrations
APPROVED

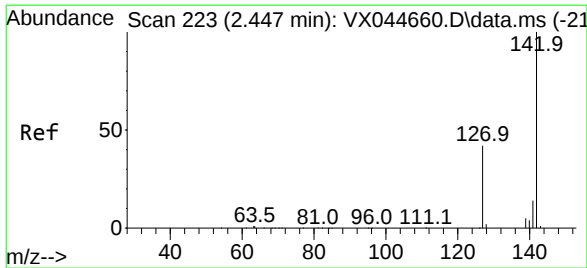
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 19.557 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

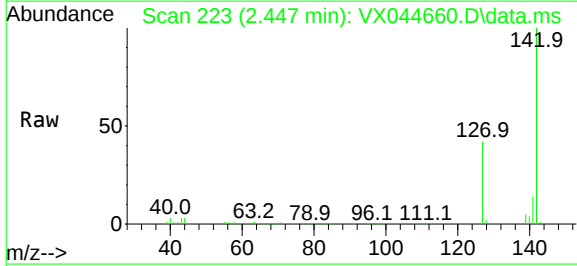
Tgt Ion: 96 Resp: 48300
Ion Ratio Lower Upper
96 100
61 152.0 121.6 182.4
98 62.9 50.3 75.5





#11
Methyl Iodide
Concen: 20.341 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

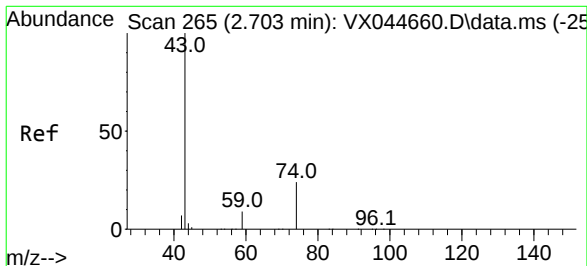
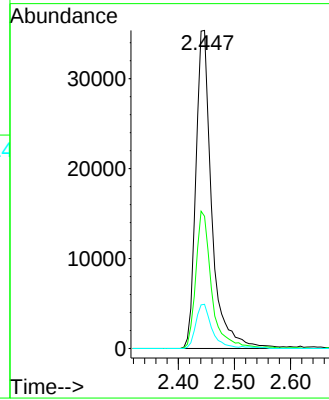
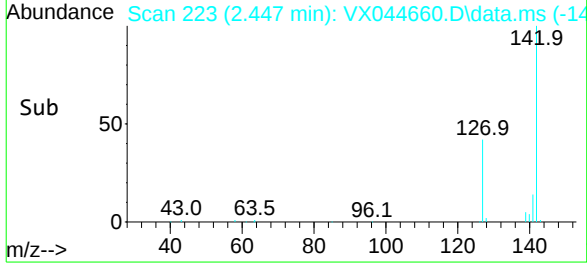
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 142 Resp: 69610
Ion Ratio Lower Upper
142 100
127 41.6 20.8 62.4
141 13.9 7.0 20.9

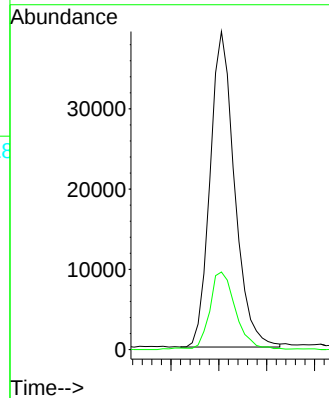
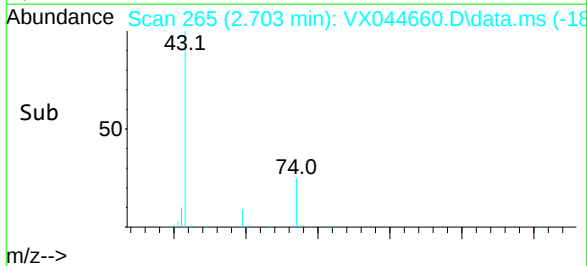
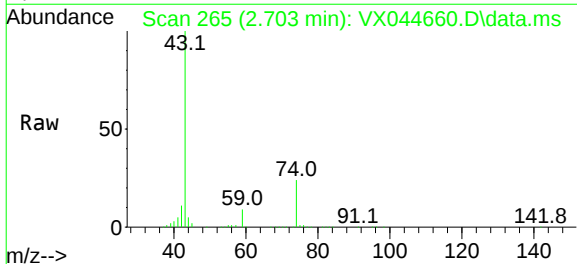
Manual Integrations
APPROVED

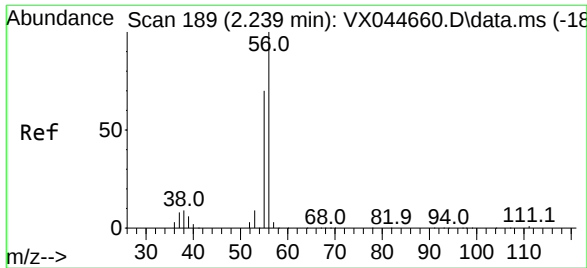
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 19.421 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 43 Resp: 70020
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#13

Acrolein

Concen: 82.358 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 32834

Ion Ratio Lower Upper

56 100

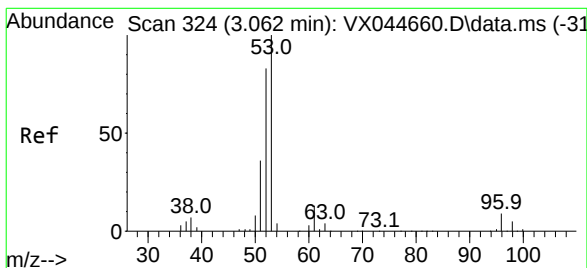
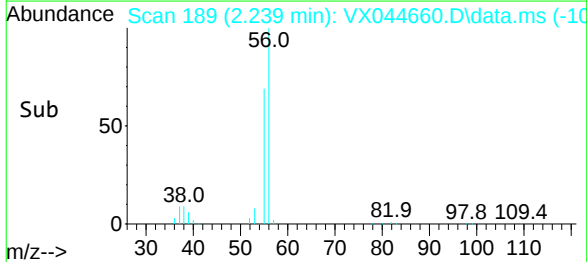
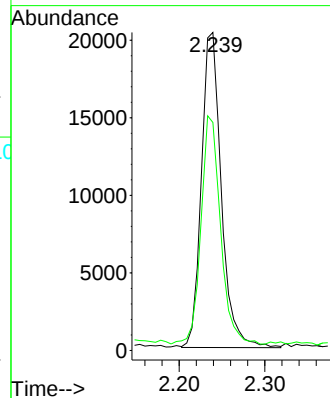
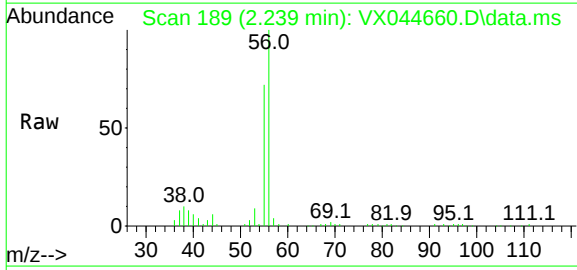
55 72.1 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#14

Acrylonitrile

Concen: 101.348 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

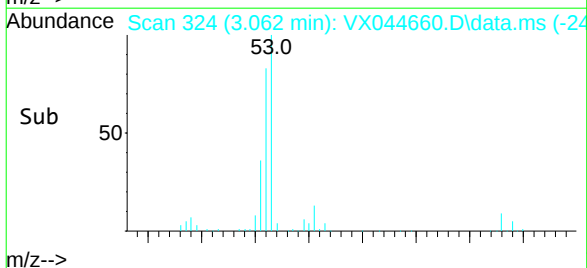
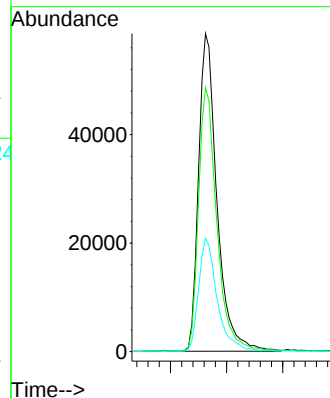
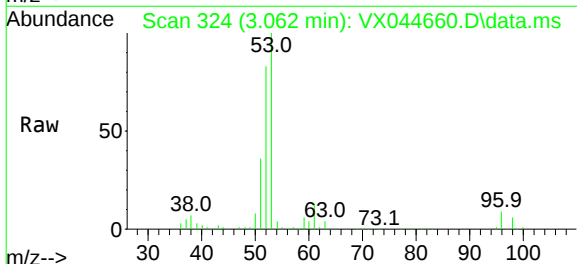
Tgt Ion: 53 Resp: 133148

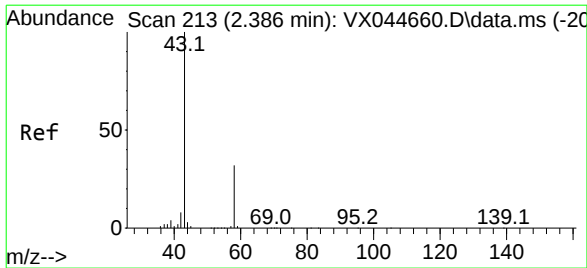
Ion Ratio Lower Upper

53 100

52 82.8 41.4 124.2

51 36.3 18.1 54.4





#15

Acetone

Concen: 98.240 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 34632

Ion Ratio Lower Upper

58 100

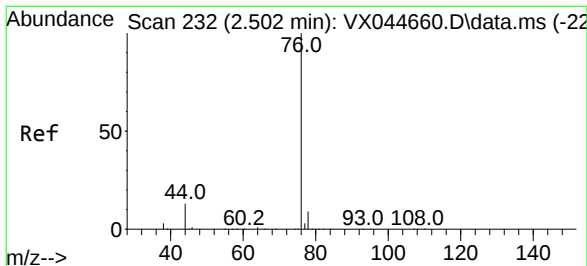
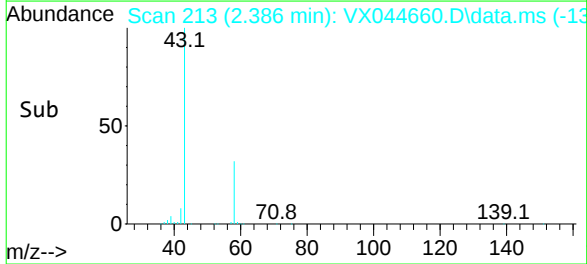
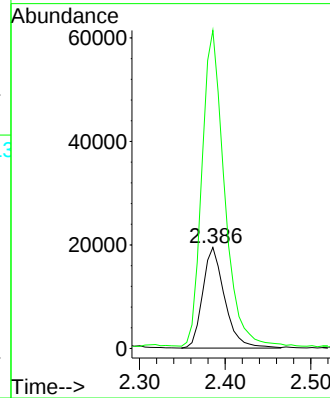
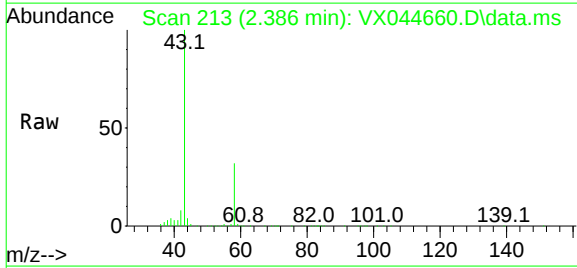
43 313.7 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#16

Carbon Disulfide

Concen: 19.810 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044660.D

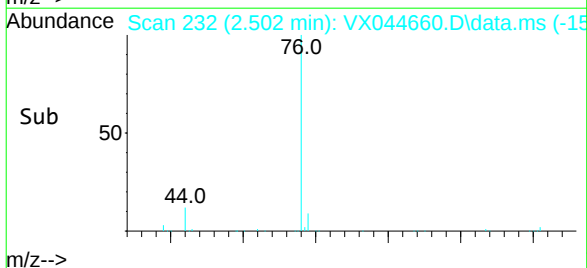
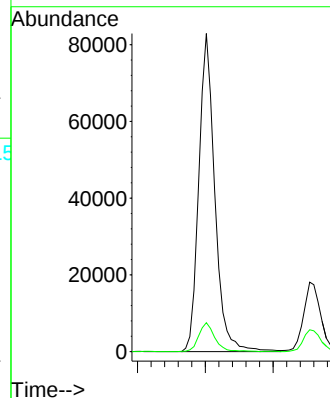
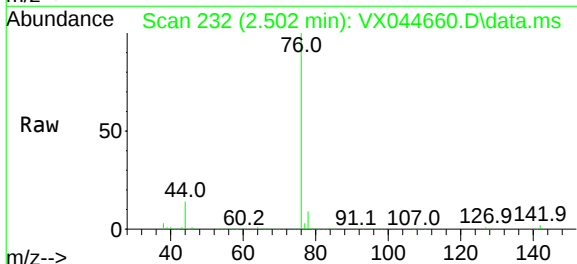
Acq: 16 Jan 2025 09:02

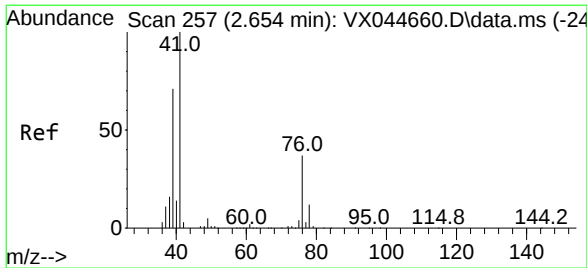
Tgt Ion: 76 Resp: 135960

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





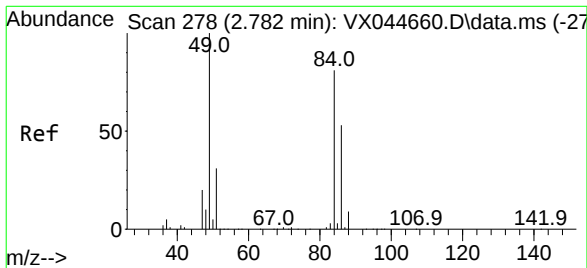
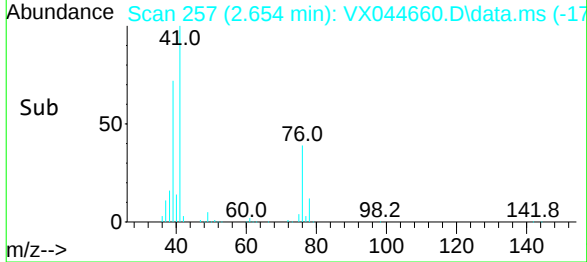
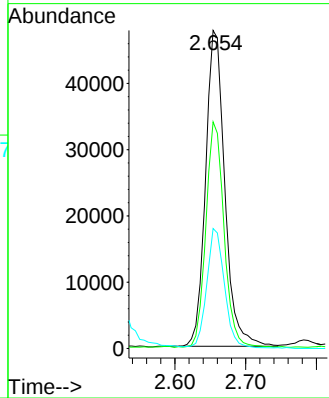
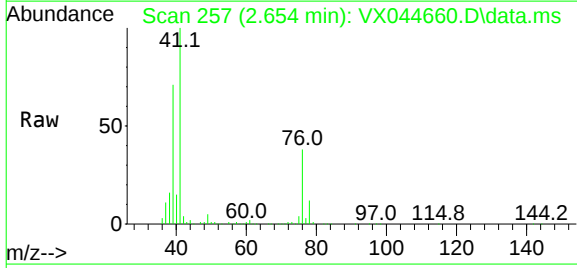
#17
Allyl chloride
Concen: 20.254 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41	Resp: 90204
Ion Ratio	Lower Upper
41 100	
39 71.2	35.6 106.8
76 37.7	18.9 56.5

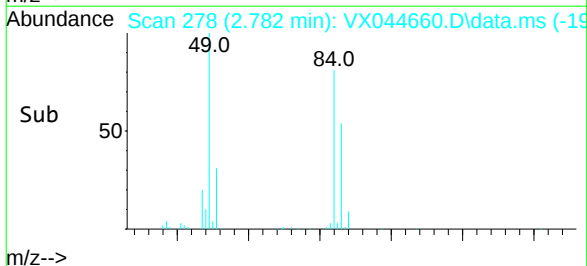
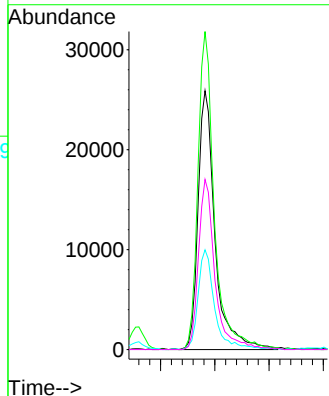
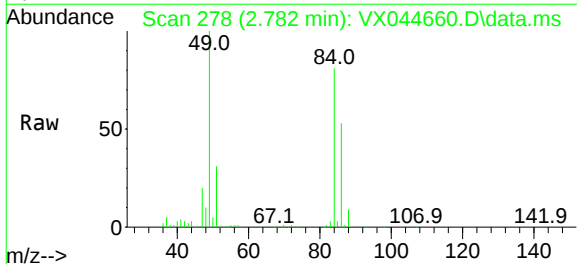
Manual Integrations
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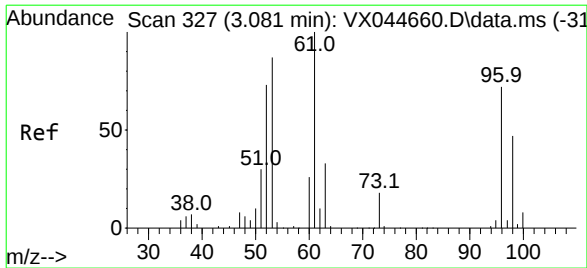
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#18
Methylene Chloride
Concen: 20.405 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 84	Resp: 56413
Ion Ratio	Lower Upper
84 100	
49 122.9	98.3 147.5
51 38.3	30.6 46.0
86 65.7	52.6 78.8





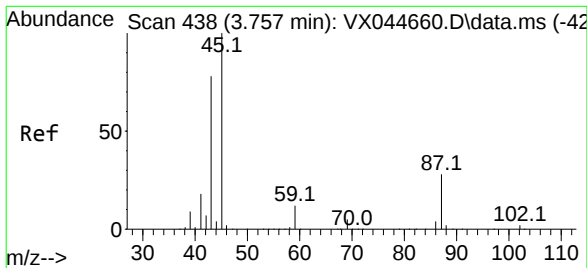
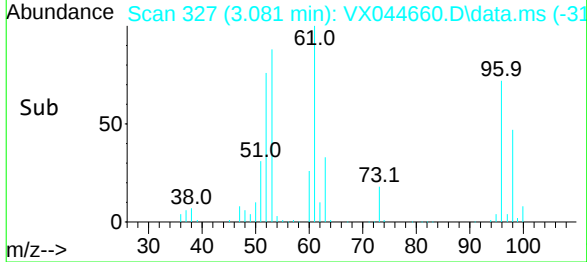
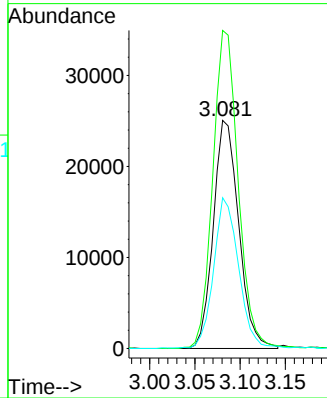
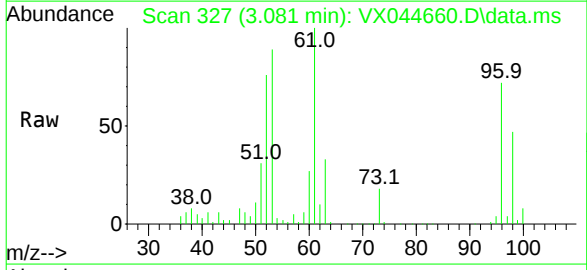
#19
trans-1,2-Dichloroethene
Concen: 19.989 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 49084
Ion Ratio Lower Upper
96 100
61 139.4 111.5 167.3
98 65.8 52.6 79.0

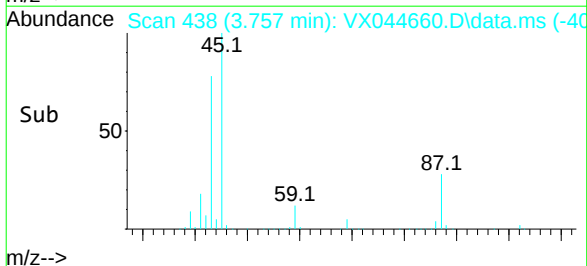
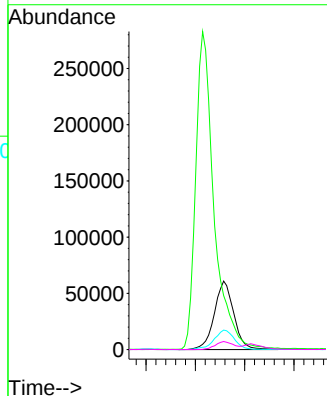
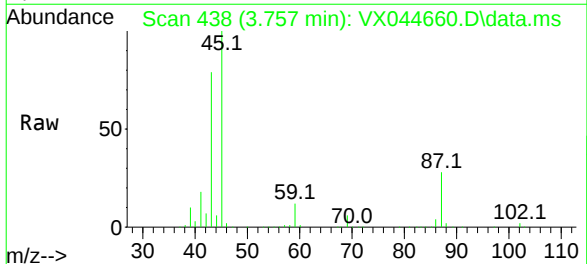
Manual Integrations
APPROVED

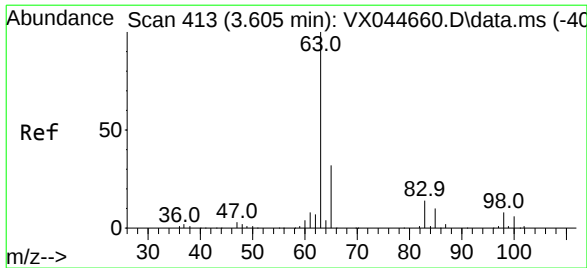
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#20
Diisopropyl ether
Concen: 20.616 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 45 Resp: 166654
Ion Ratio Lower Upper
45 100
43 78.3 62.6 94.0
87 28.4 22.7 34.1
59 11.8 9.4 14.2





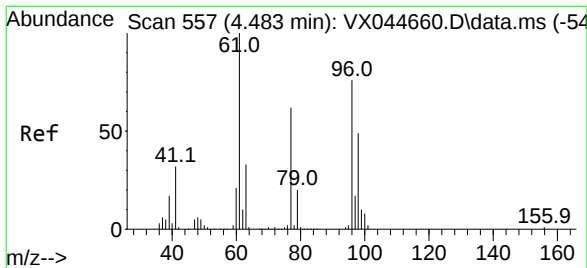
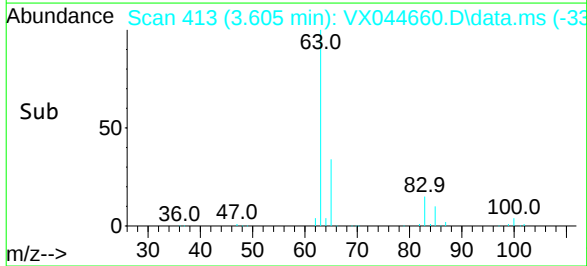
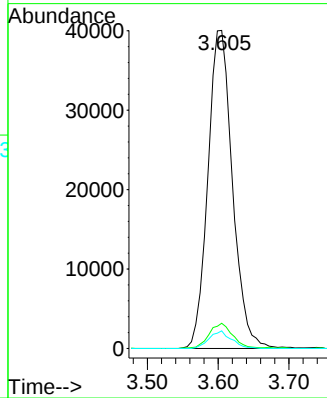
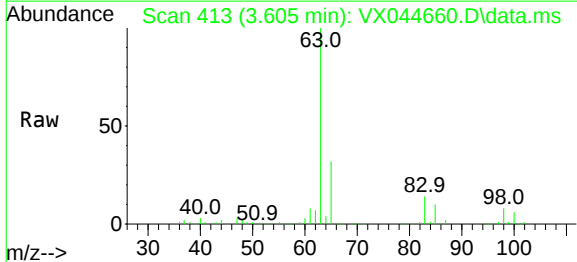
#21
1,1-Dichloroethane
Concen: 20.151 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:	63	Resp:	96629
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.5	2.8	8.3

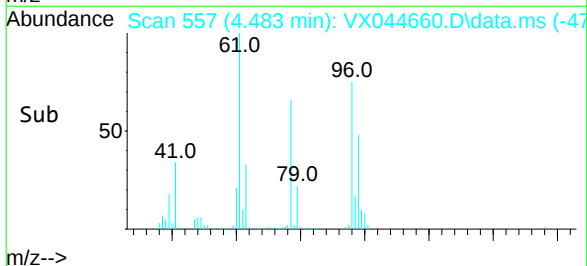
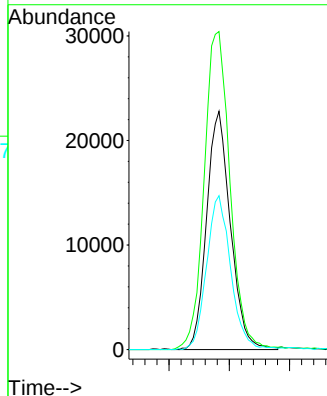
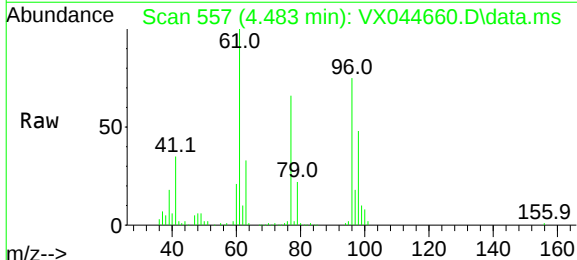
Manual Integrations
APPROVED

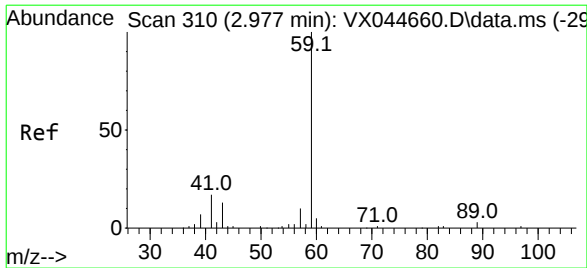
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#22
cis-1,2-Dichloroethene
Concen: 20.628 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:	96	Resp:	62694
Ion	Ratio	Lower	Upper
96	100		
61	144.0	115.2	172.8
98	64.7	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 114.131 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 65050

Ion Ratio Lower Upper

59 100

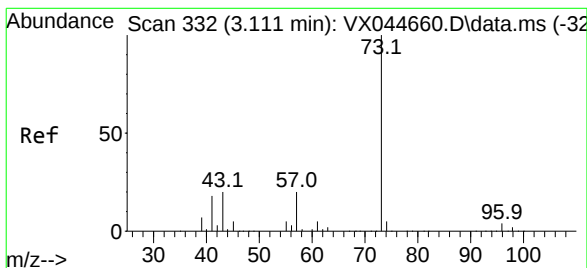
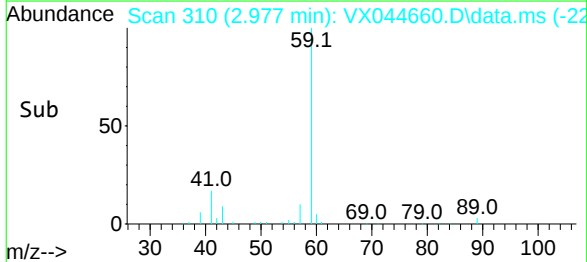
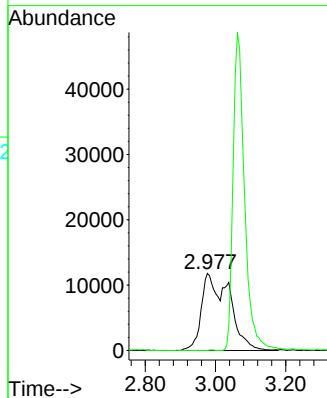
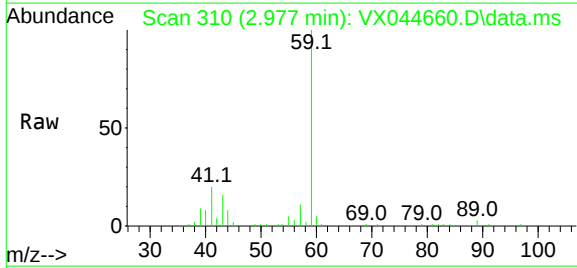
52 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#24

Methyl tert-Butyl Ether

Concen: 20.386 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044660.D

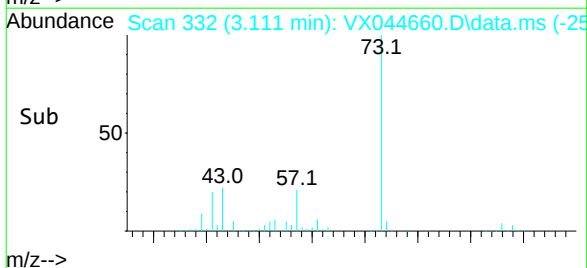
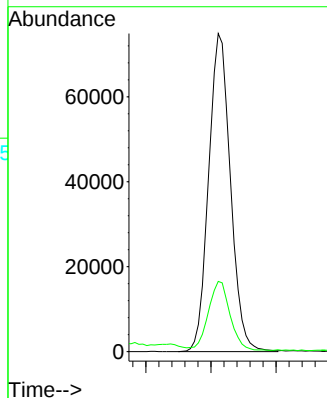
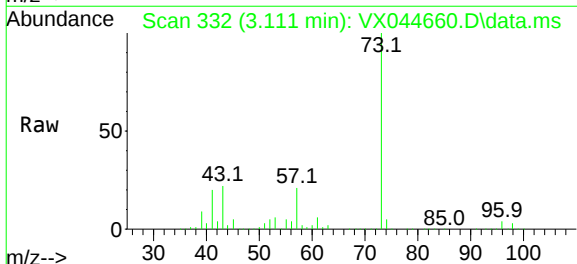
Acq: 16 Jan 2025 09:02

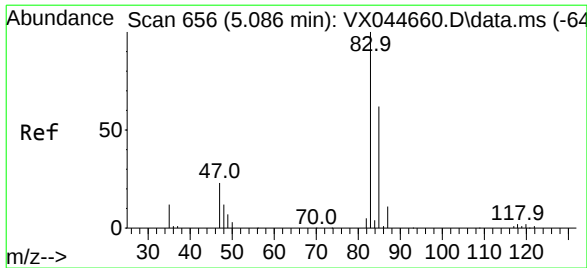
Tgt Ion: 73 Resp: 174439

Ion Ratio Lower Upper

73 100

43 21.1 16.9 25.3





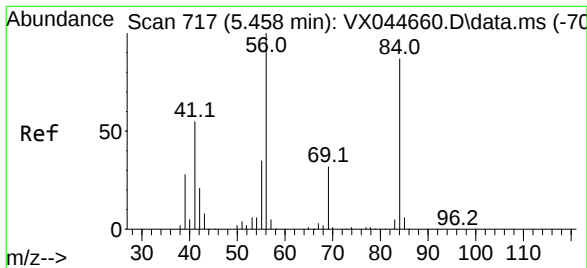
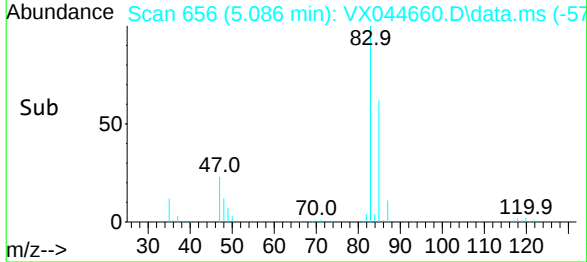
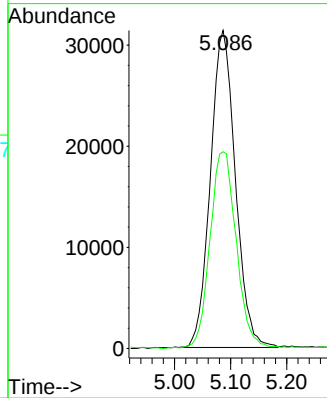
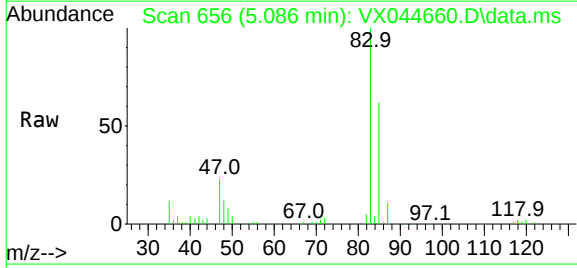
#25
Chloroform
Concen: 20.366 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 97039
Ion Ratio Lower Upper
83 100
85 61.8 49.4 74.2

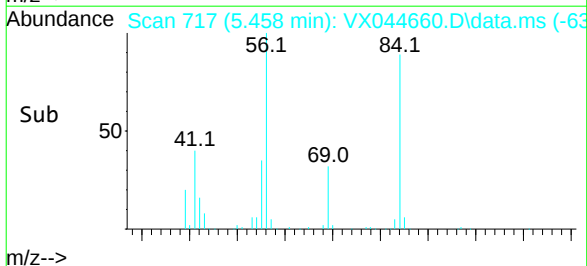
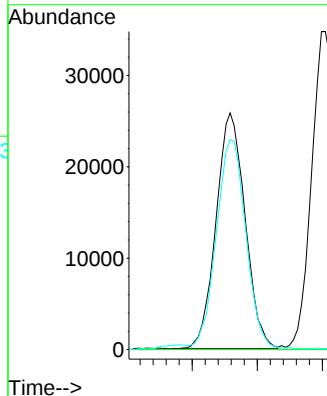
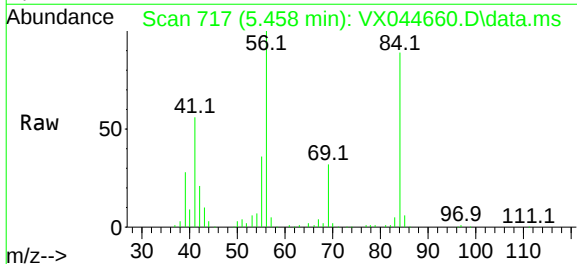
Manual Integrations
APPROVED

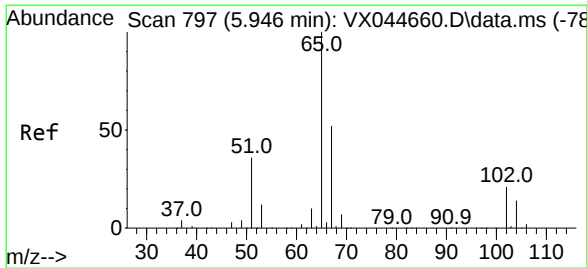
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#26
Cyclohexane
Concen: 19.839 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 56 Resp: 79956
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.3 72.2 108.4





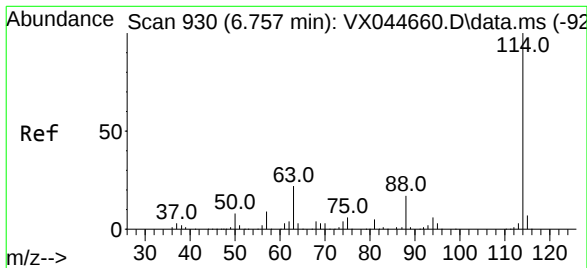
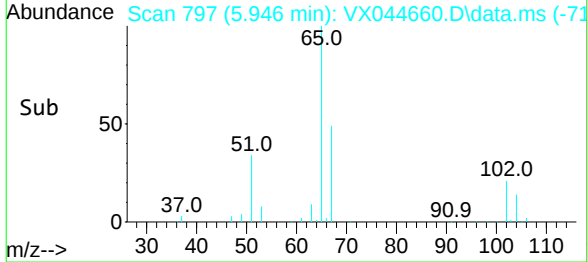
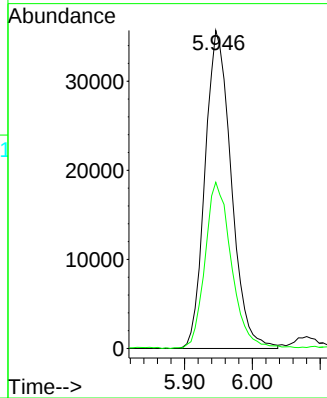
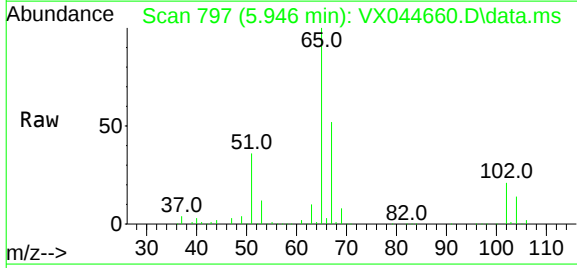
#27
1,2-Dichloroethane-d4
Concen: 29.698 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 95855
Ion Ratio Lower Upper
65 100
67 51.8 41.4 62.2

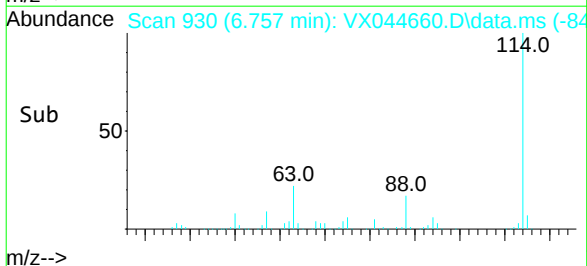
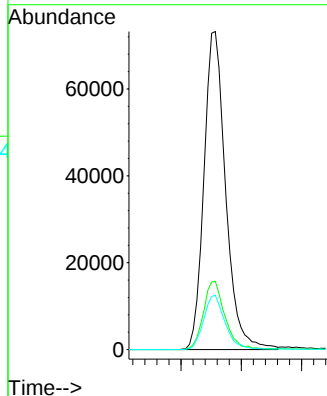
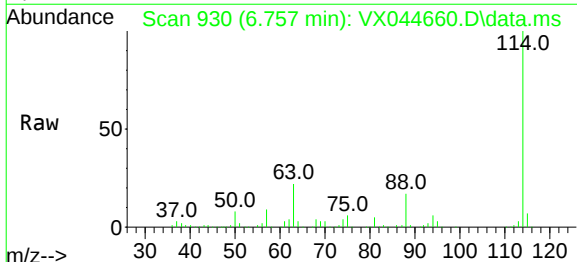
Manual Integrations
APPROVED

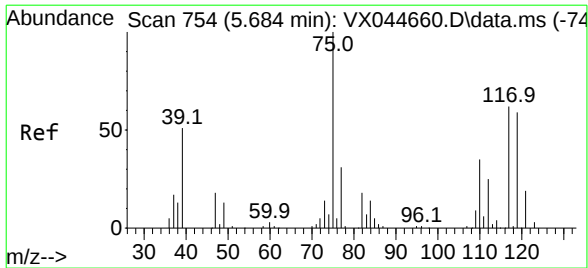
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:114 Resp: 183316
Ion Ratio Lower Upper
114 100
63 20.7 16.6 24.8
88 16.8 13.4 20.2





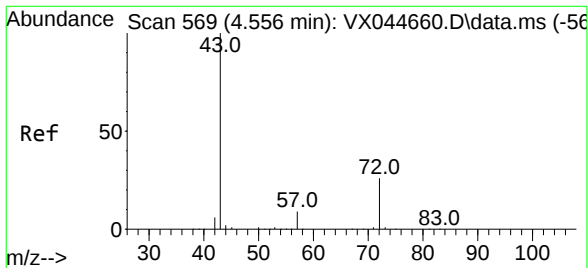
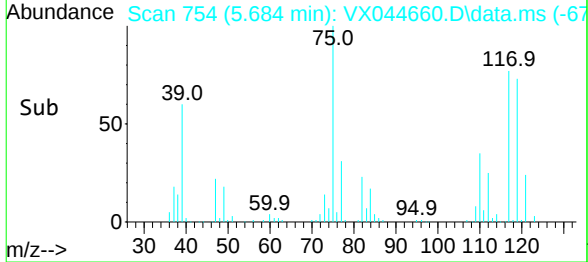
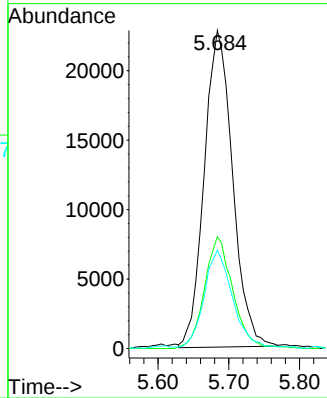
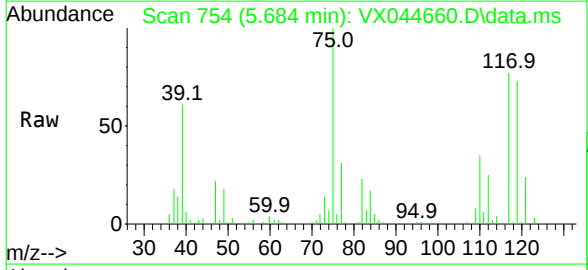
#29
1,1-Dichloropropene
Concen: 19.948 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75	Resp: 63605
Ion Ratio	Lower Upper
75 100	
110 34.7	0.0 69.4
77 29.9	0.0 59.8

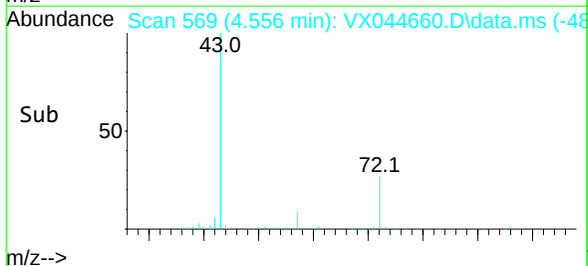
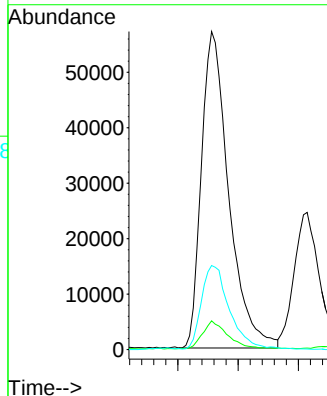
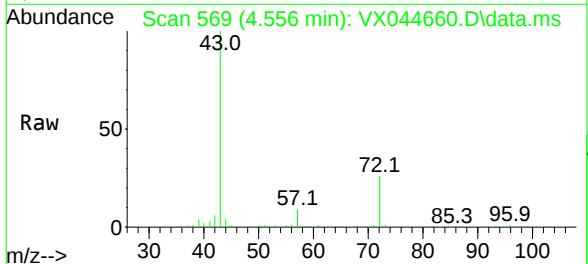
Manual Integrations
APPROVED

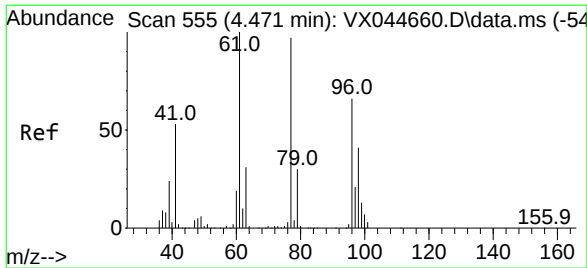
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
2-Butanone
Concen: 102.811 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

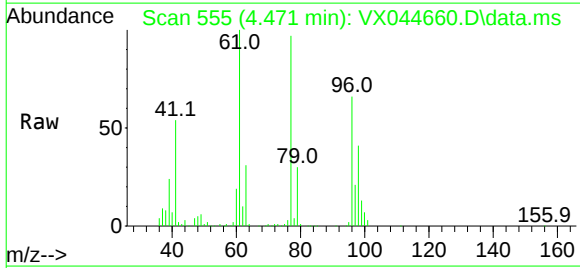
Tgt Ion: 43	Resp: 180079
Ion Ratio	Lower Upper
43 100	
57 8.0	6.4 9.6
72 26.9	21.5 32.3





#31
2,2-Dichloropropane
Concen: 20.198 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

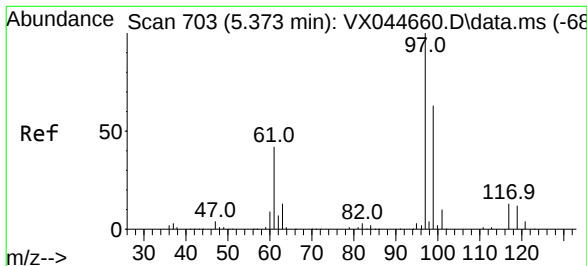
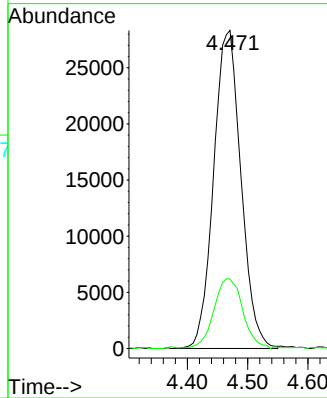
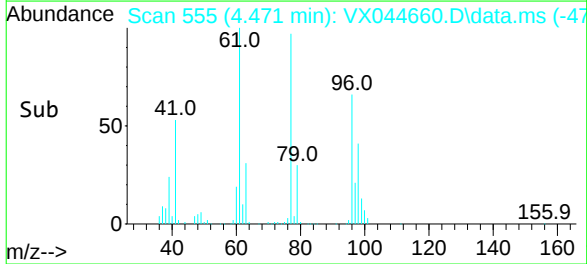
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



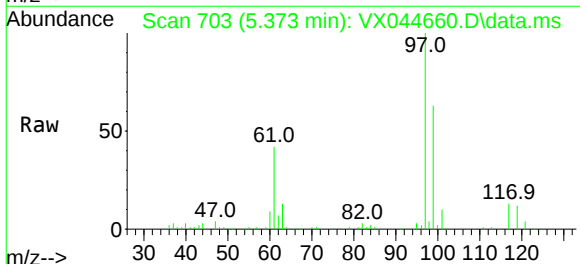
Tgt Ion: 77 Resp: 89122
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8

Manual Integrations
APPROVED

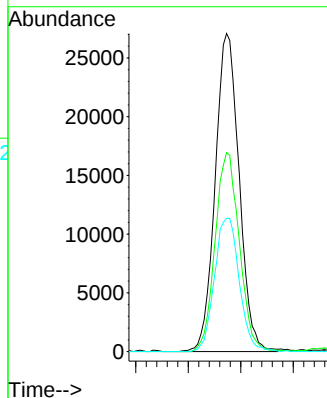
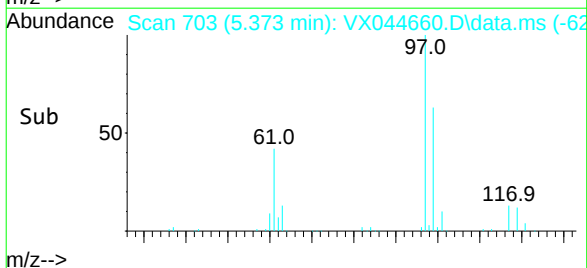
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

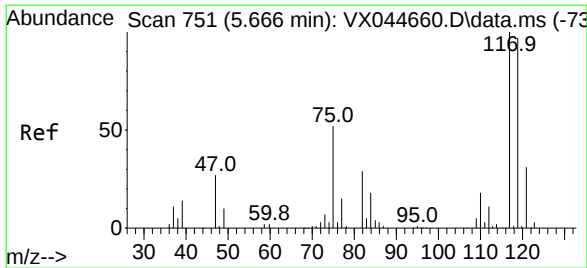


#32
1,1,1-Trichloroethane
Concen: 20.310 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02



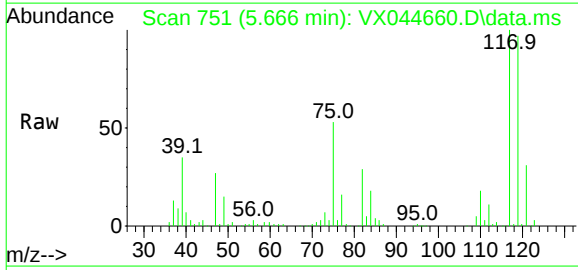
Tgt Ion: 97 Resp: 85820
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.121 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

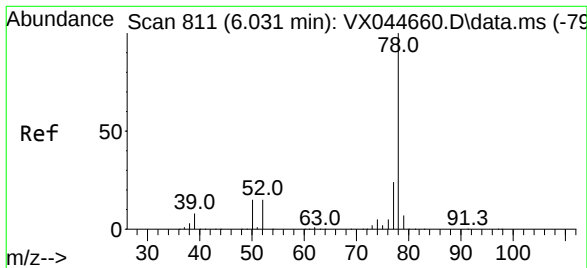
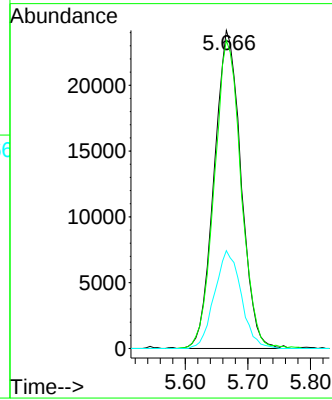
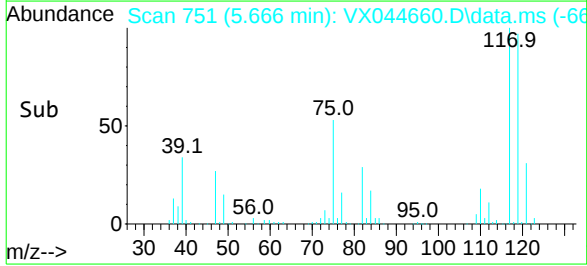
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 71722
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 30.8 24.6 37.0

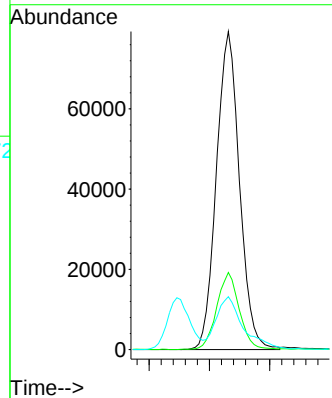
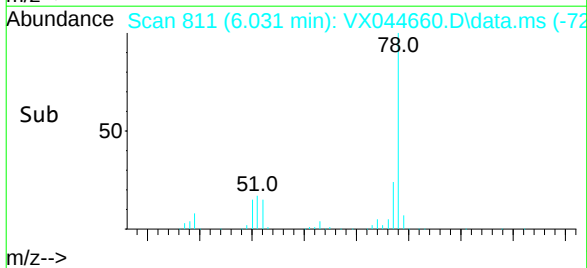
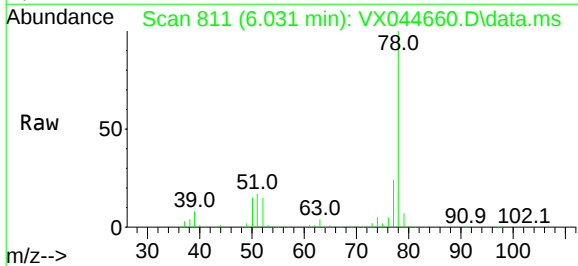
Manual Integrations
APPROVED

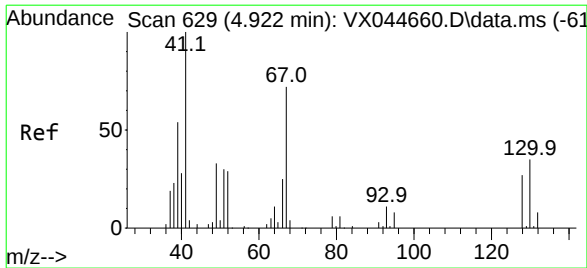
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#34
Benzene
Concen: 20.737 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

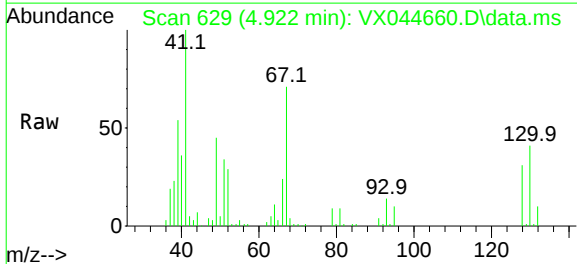
Tgt Ion: 78 Resp: 210959
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 15.9 12.7 19.1





#35
Methacrylonitrile
Concen: 20.216 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

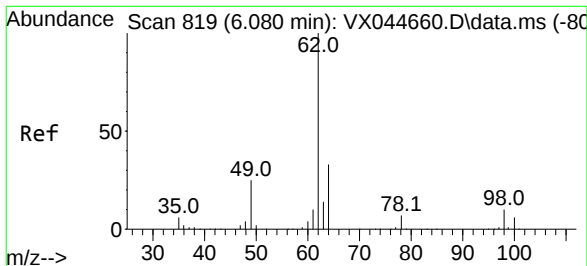
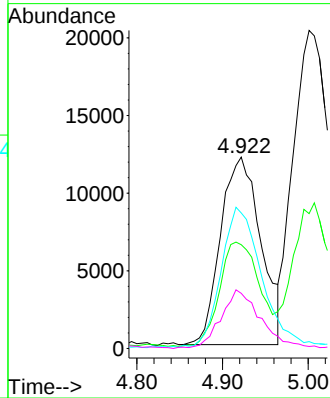
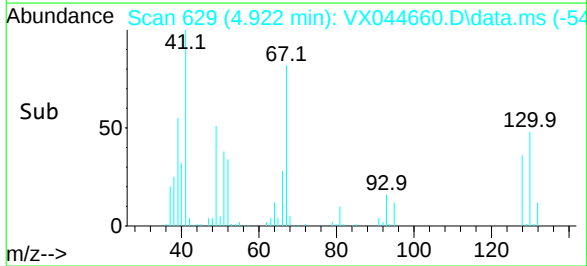
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 39575
Ion Ratio Lower Upper
41 100
39 54.2 27.1 81.3
67 71.6 35.8 107.4
52 28.8 14.4 43.2

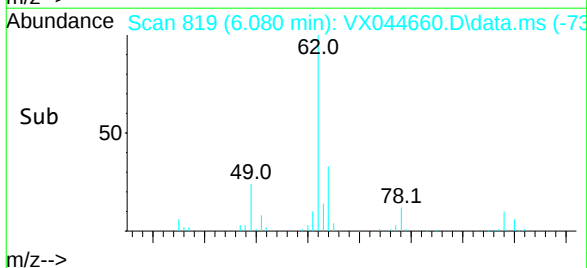
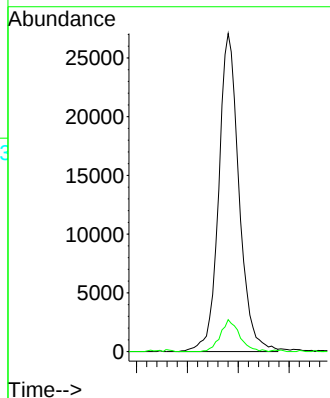
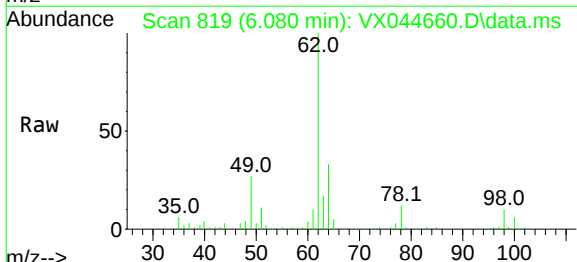
Manual Integrations
APPROVED

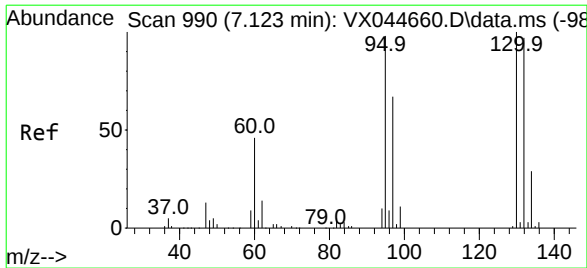
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#36
1,2-Dichloroethane
Concen: 20.699 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

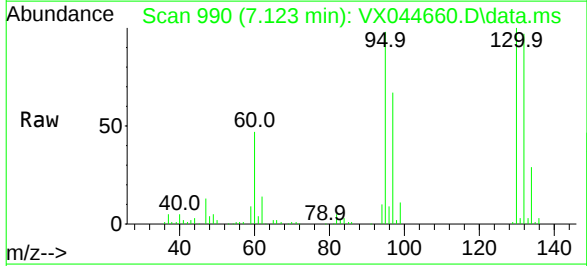
Tgt Ion: 62 Resp: 75287
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2





#37
Trichloroethene
Concen: 20.143 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

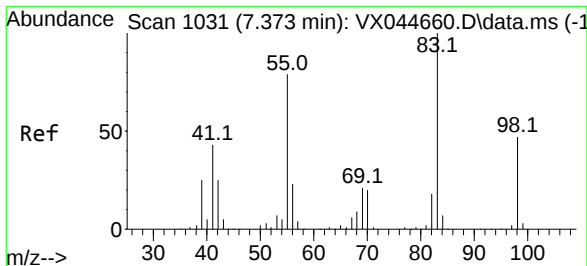
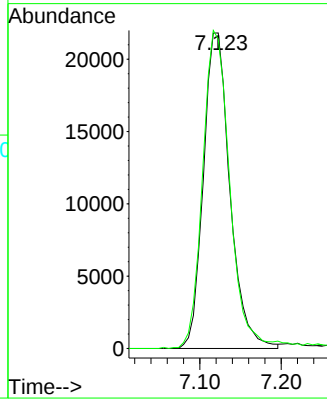
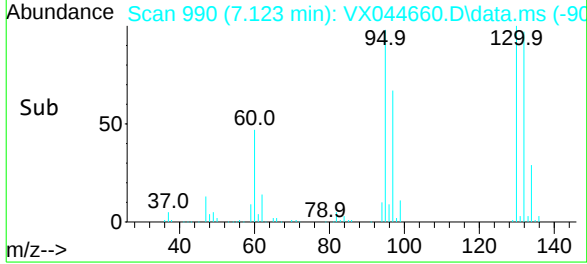
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 49474
Ion Ratio Lower Upper
130 100
95 97.8 78.2 117.4

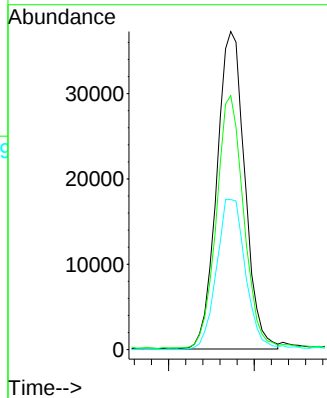
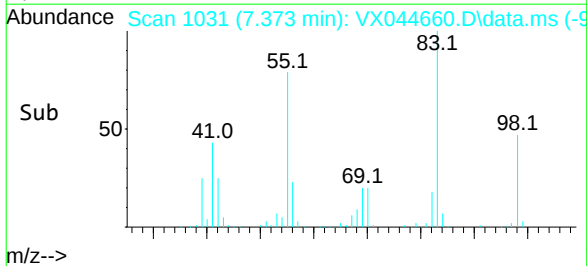
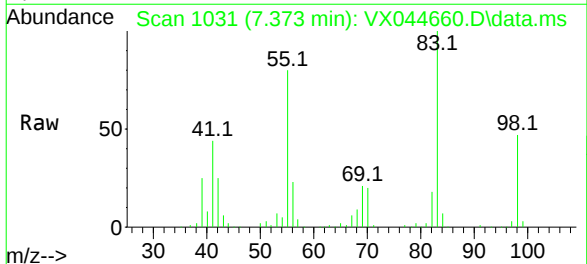
Manual Integrations
APPROVED

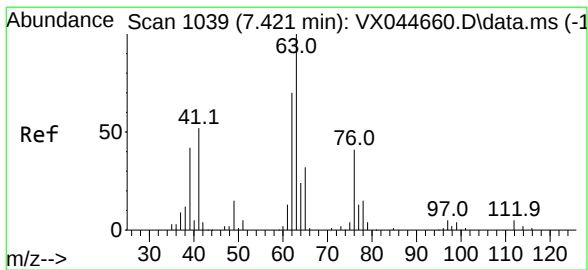
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 19.514 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

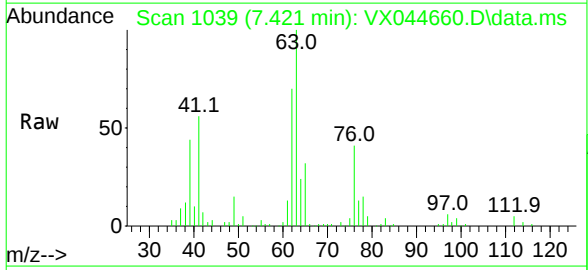
Tgt Ion: 83 Resp: 84540
Ion Ratio Lower Upper
83 100
55 76.9 38.4 115.2
98 48.9 24.4 73.4





#39
 1,2-Dichloropropane
 Concen: 20.616 ug/l
 RT: 7.421 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

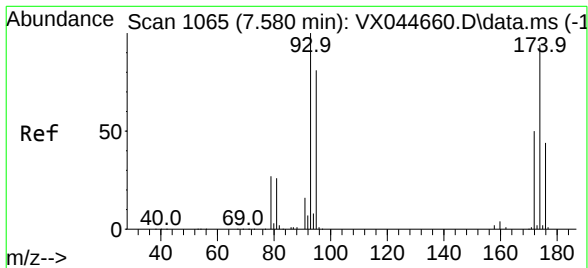
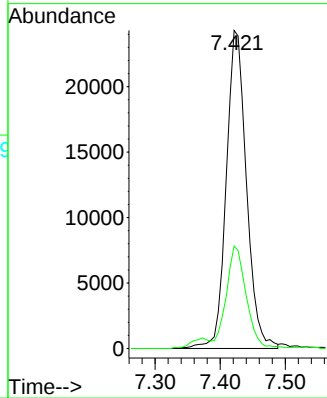
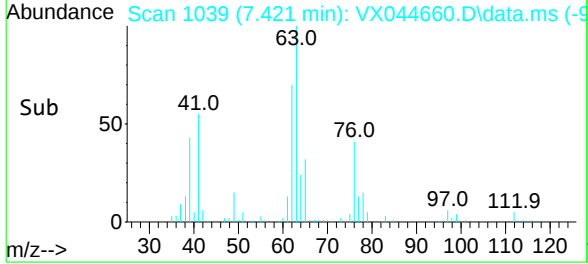
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 63 Resp: 52299
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3

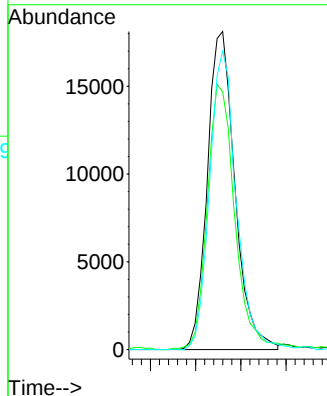
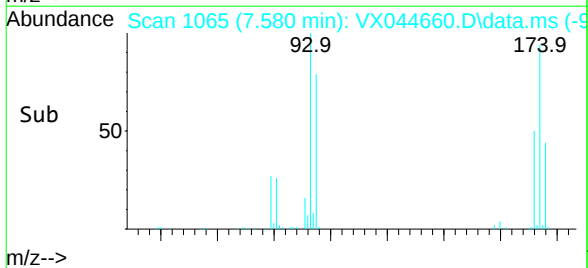
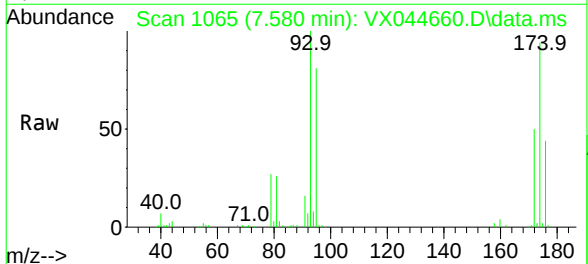
Manual Integrations
 APPROVED

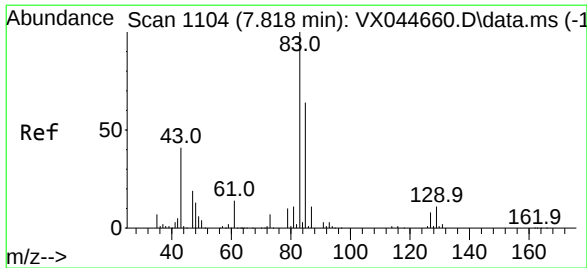
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#40
 Dibromomethane
 Concen: 20.366 ug/l
 RT: 7.580 min Scan# 1065
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion: 93 Resp: 38410
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 167.0
 174 91.0 0.0 182.0





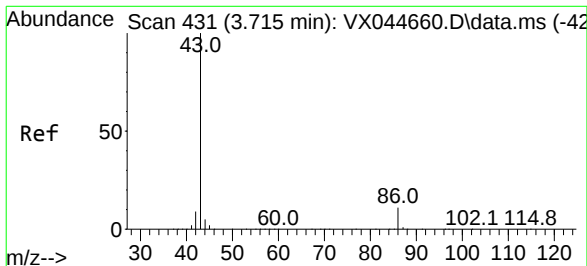
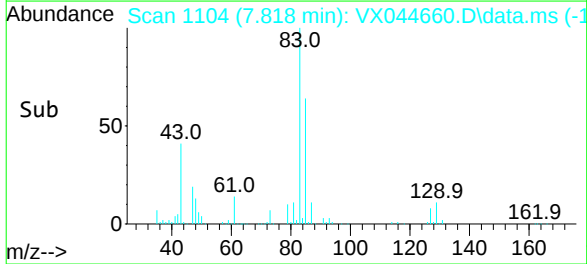
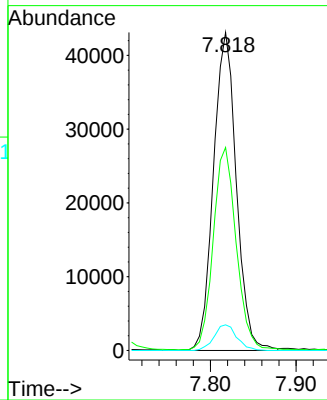
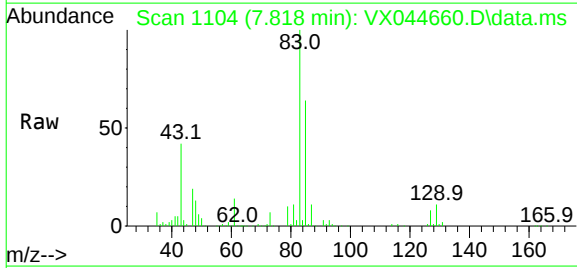
#41
Bromodichloromethane
Concen: 20.548 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 80017
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 6.5 9.7

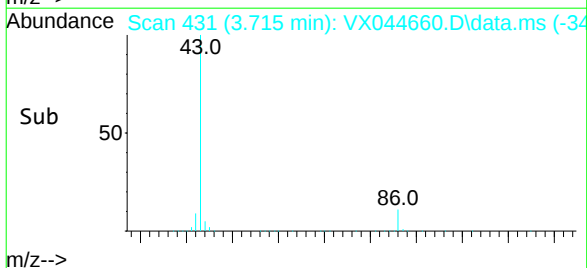
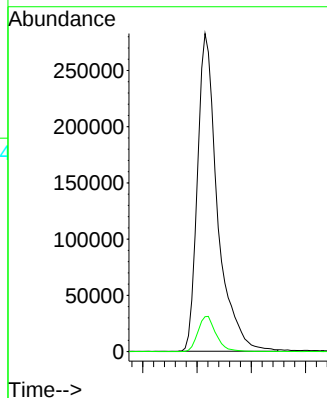
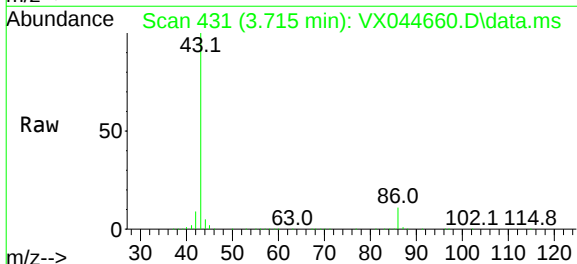
Manual Integrations
APPROVED

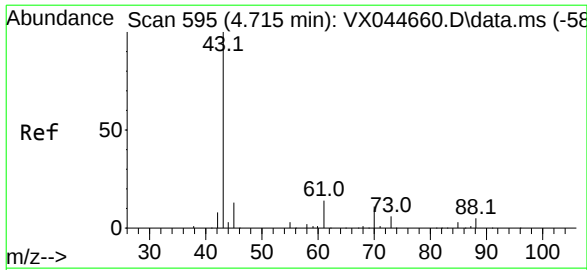
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#42
Vinyl Acetate
Concen: 104.251 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 43 Resp: 725170
Ion Ratio Lower Upper
43 100
86 10.0 8.0 12.0





#43

Ethyl Acetate

Concen: 21.071 ug/l m

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 72396

Ion Ratio Lower Upper

43 100

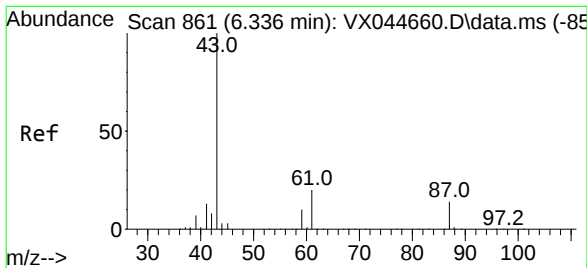
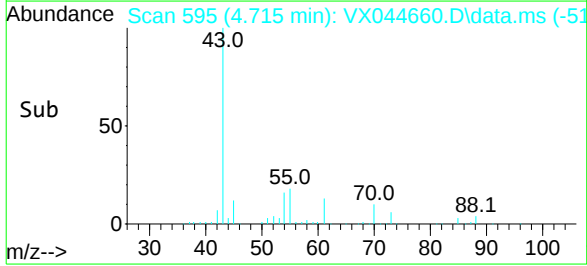
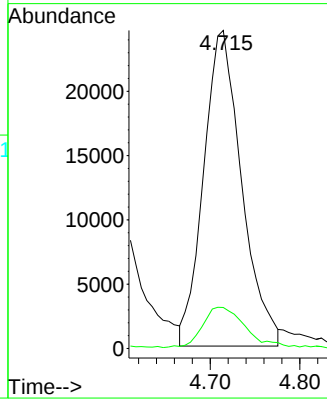
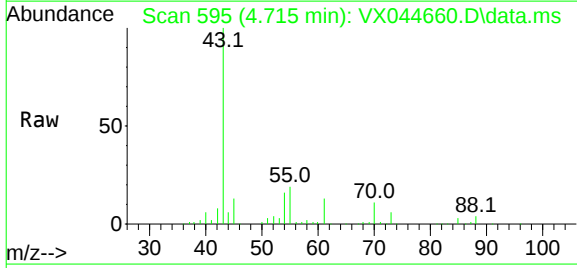
45 0.3 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#44

Isopropyl Acetate

Concen: 20.652 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044660.D

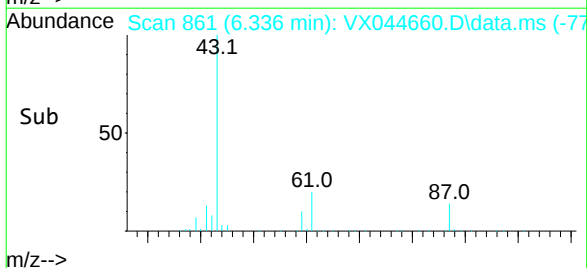
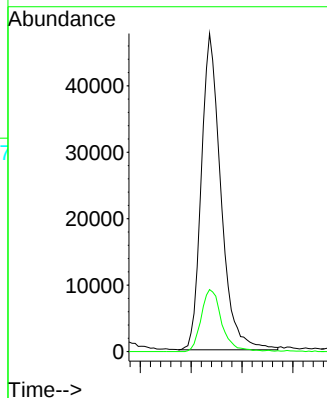
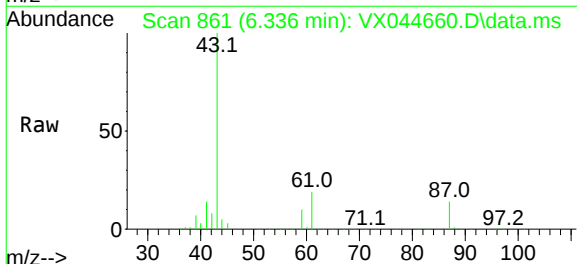
Acq: 16 Jan 2025 09:02

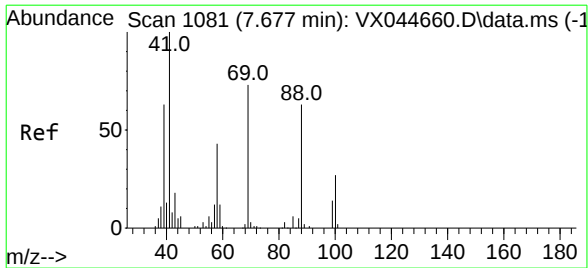
Tgt Ion: 43 Resp: 127474

Ion Ratio Lower Upper

43 100

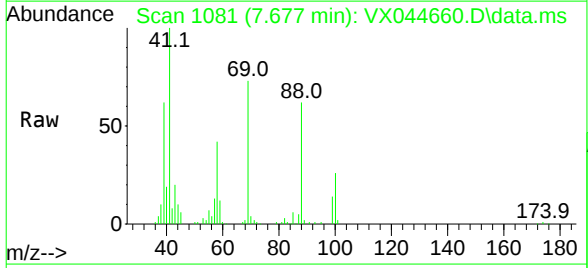
61 20.3 16.2 24.4





#45
1,4-Dioxane
Concen: 425.692 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

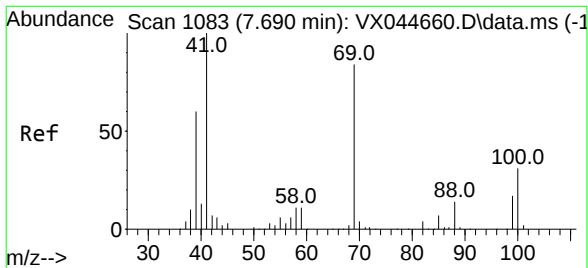
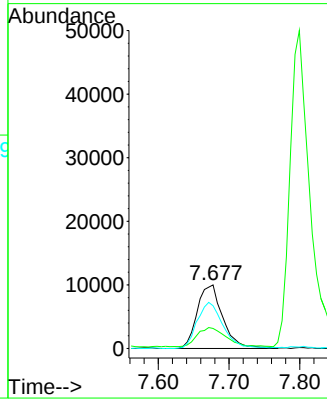
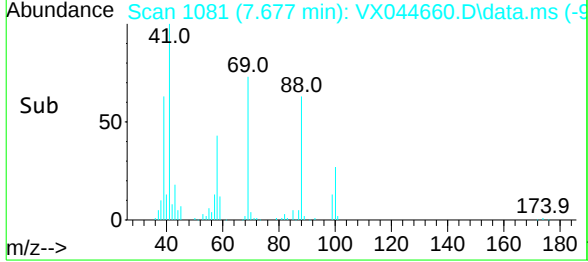
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 25021
Ion Ratio Lower Upper
88 100
43 32.4 25.9 38.9
58 73.6 58.9 88.3

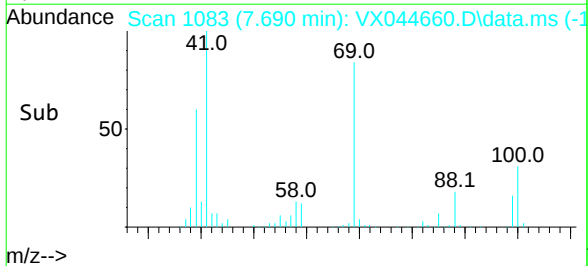
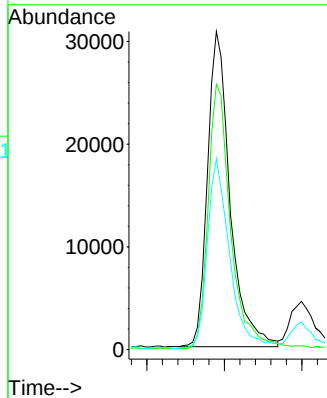
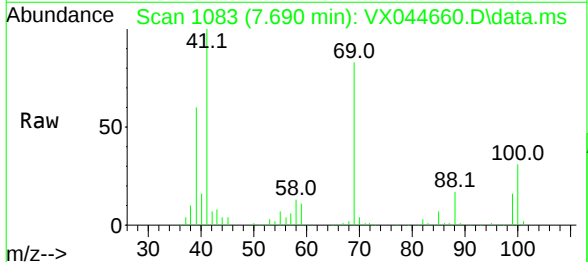
Manual Integrations
APPROVED

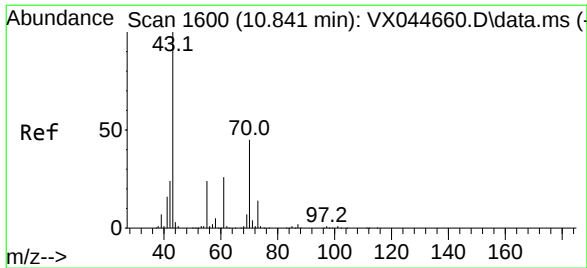
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Methyl methacrylate
Concen: 20.568 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 41 Resp: 62145
Ion Ratio Lower Upper
41 100
69 83.8 41.9 125.7
39 60.2 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.278 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 110225

Ion Ratio Lower Upper

43 100

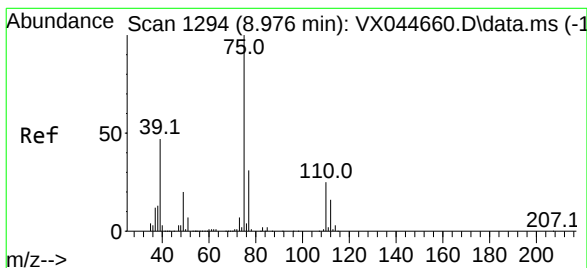
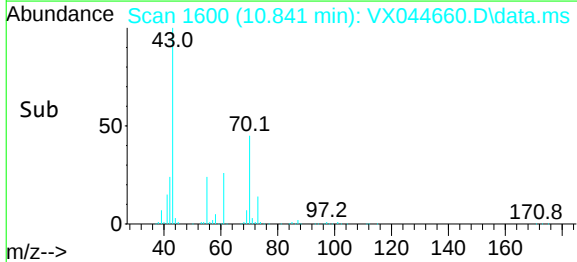
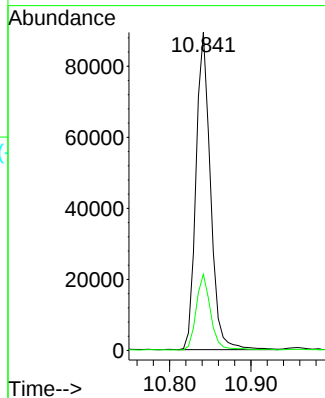
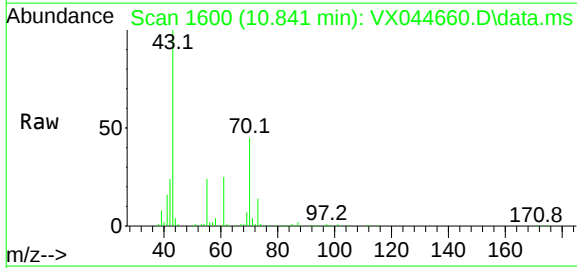
55 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#48

t-1,3-Dichloropropene

Concen: 20.683 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044660.D

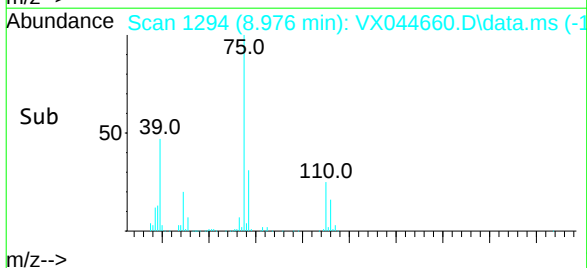
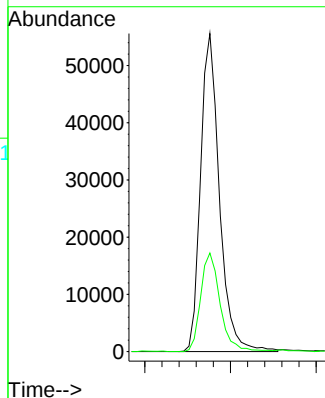
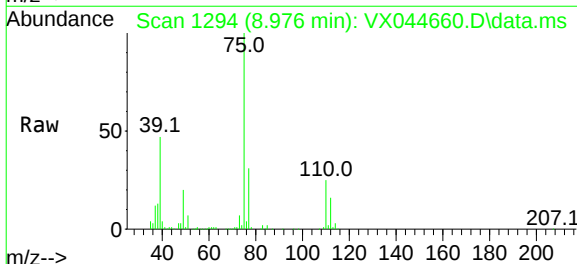
Acq: 16 Jan 2025 09:02

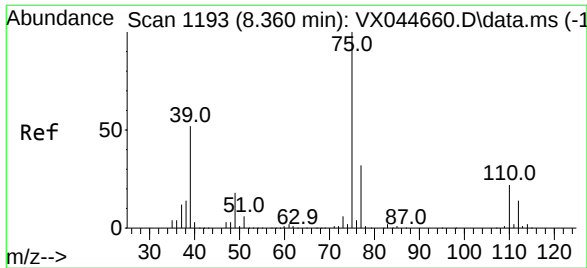
Tgt Ion: 75 Resp: 85014

Ion Ratio Lower Upper

75 100

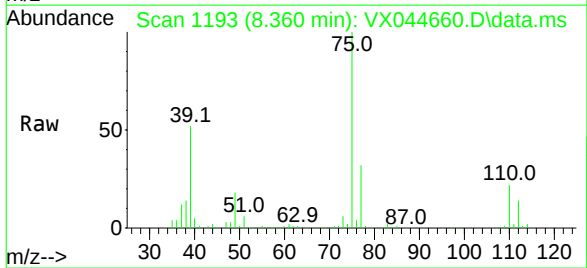
77 31.0 24.8 37.2





#49
 cis-1,3-Dichloropropene
 Concen: 20.747 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

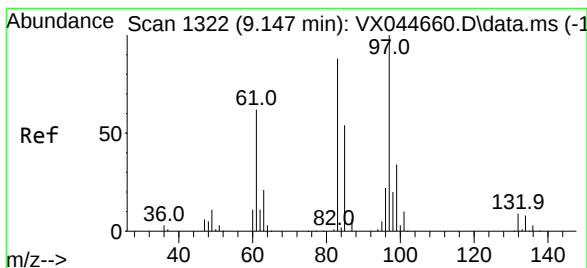
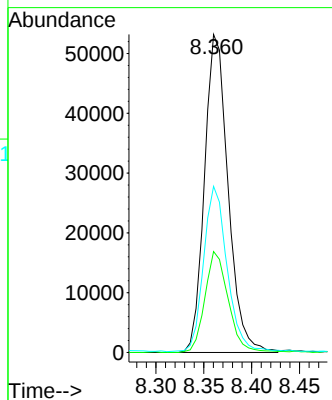
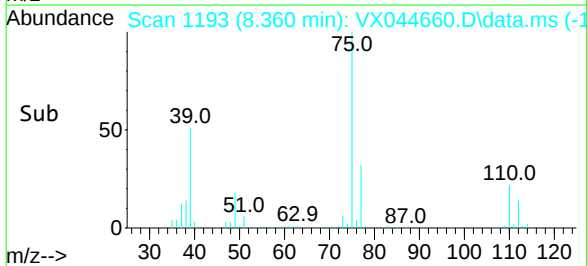
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



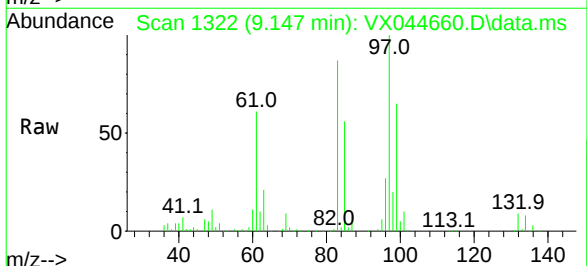
Tgt Ion: 75 Resp: 91440
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 51.7 41.4 62.0

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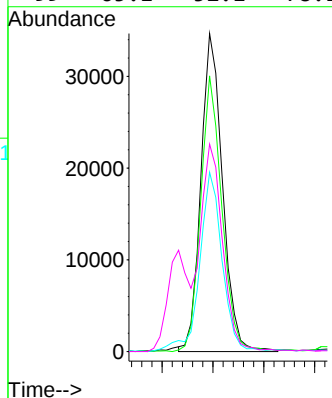
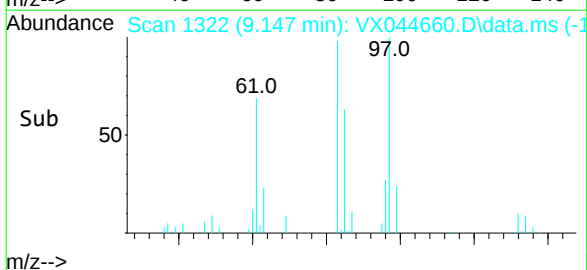
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

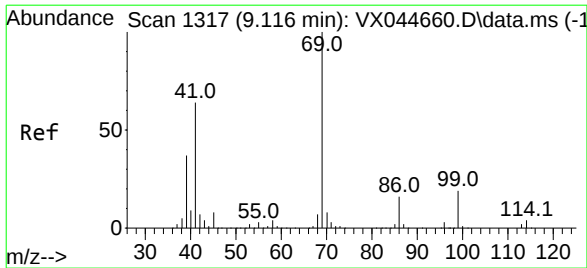


#50
 1,1,2-Trichloroethane
 Concen: 21.040 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02



Tgt Ion: 97 Resp: 51190
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.2 103.8
 85 56.0 44.8 67.2
 99 65.1 52.1 78.1





#51

Ethyl methacrylate

Concen: 20.861 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

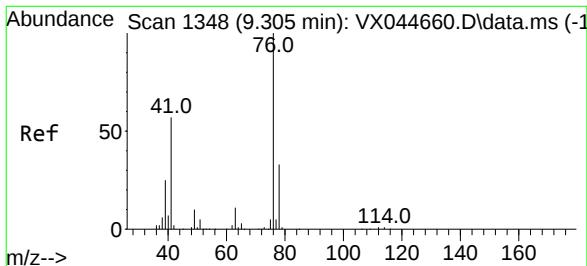
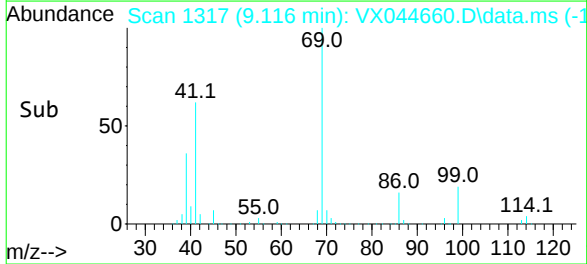
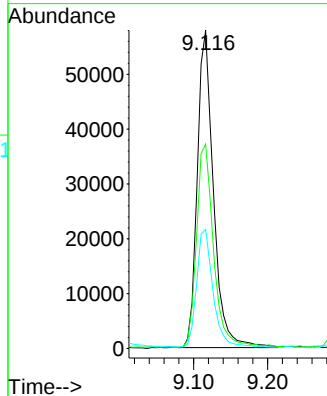
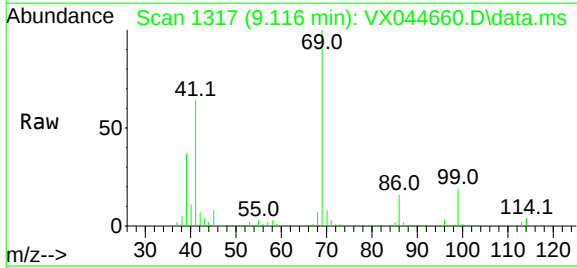
VSTDICCC020

Tgt Ion:	69	Resp:	88025
Ion	Ratio	Lower	Upper
69	100		
41	64.0	32.0	96.0
39	37.1	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: 20.900 ug/l

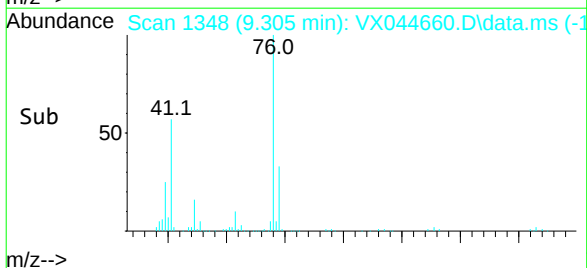
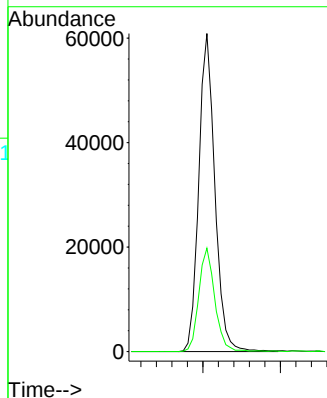
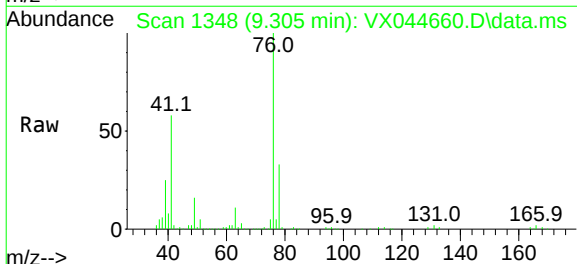
RT: 9.305 min Scan# 1348

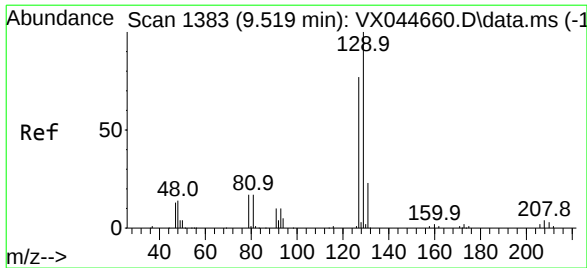
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

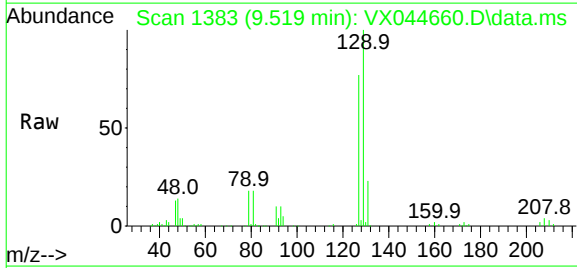
Tgt Ion:	76	Resp:	87800
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	64.0





#53
Dibromochloromethane
Concen: 21.165 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

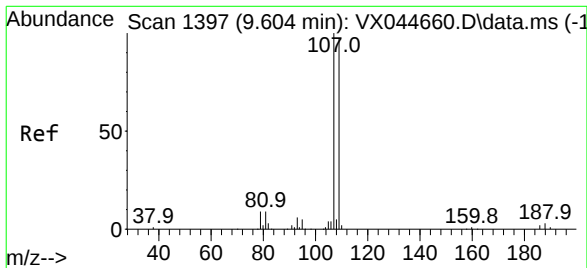
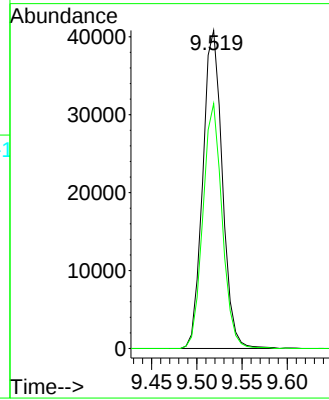
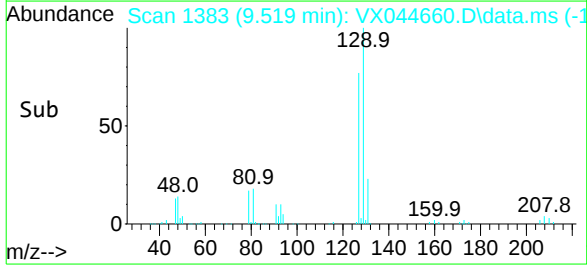
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 61431
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4

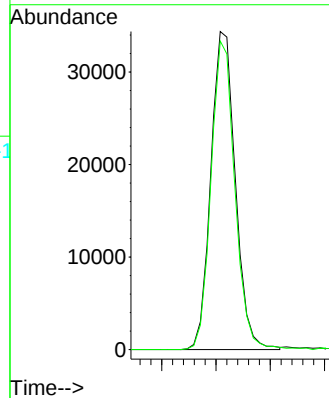
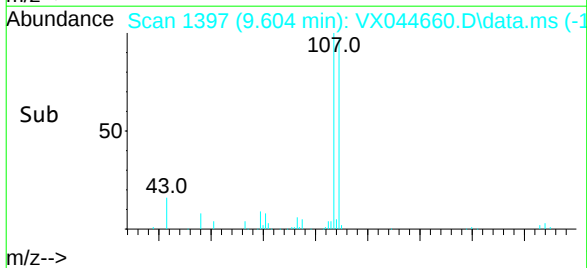
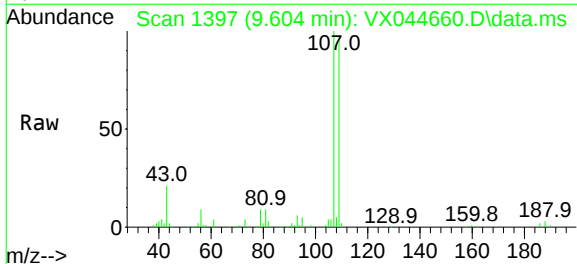
Manual Integrations
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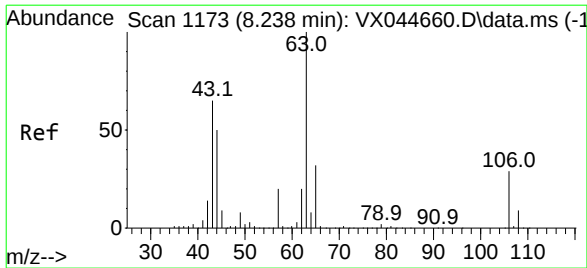
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#54
1,2-Dibromoethane
Concen: 20.963 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:107 Resp: 53825
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3





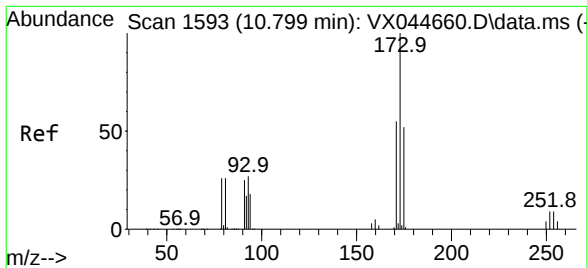
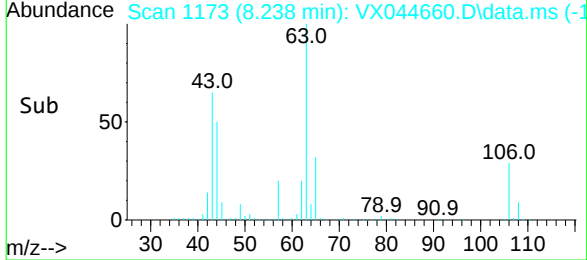
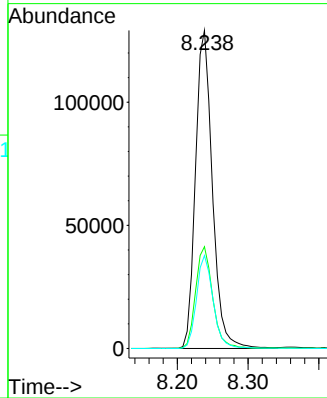
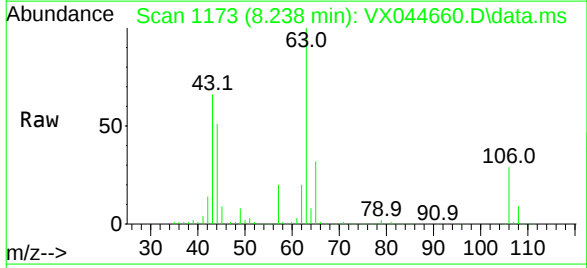
#55
2-Chloroethyl vinyl ether
Concen: 104.779 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 214240
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 28.8 23.1 34.7

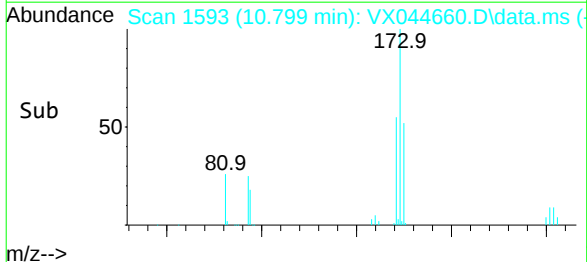
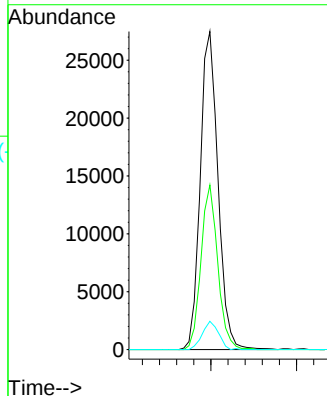
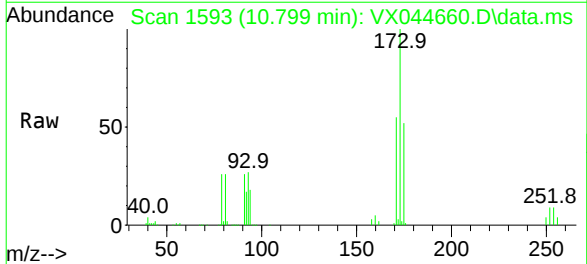
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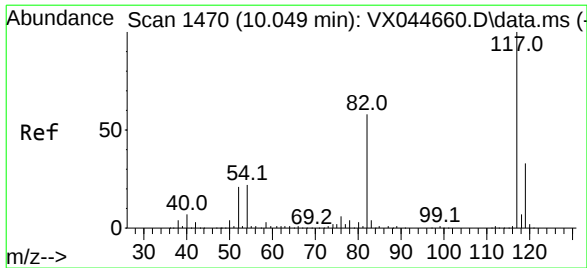
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#56
Bromoform
Concen: 20.544 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:173 Resp: 39538
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 8.1 6.5 9.7





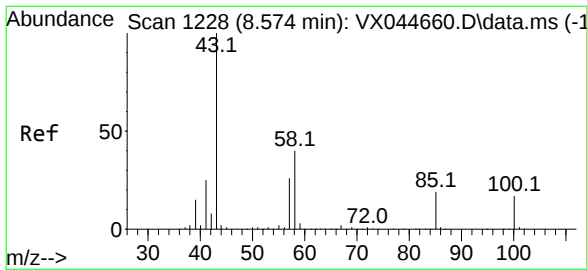
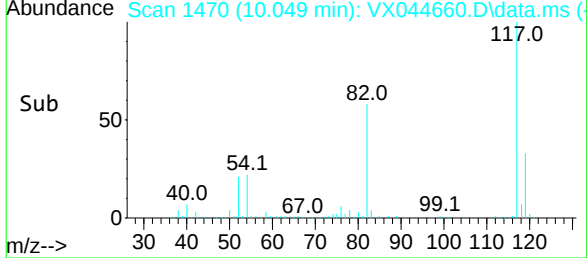
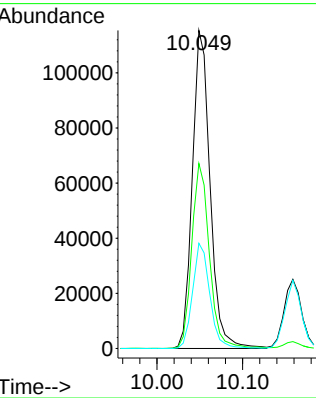
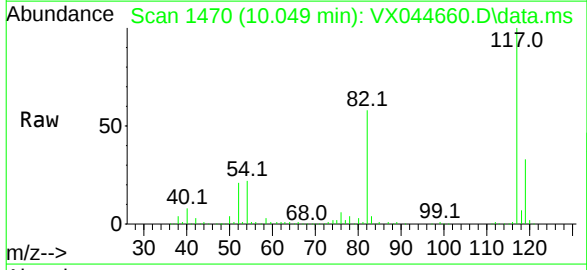
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 165841
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 32.2 25.8 38.6

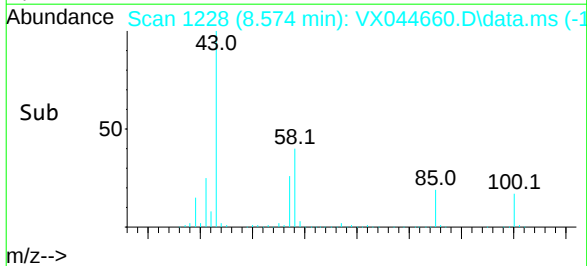
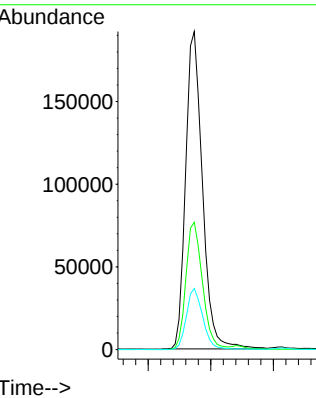
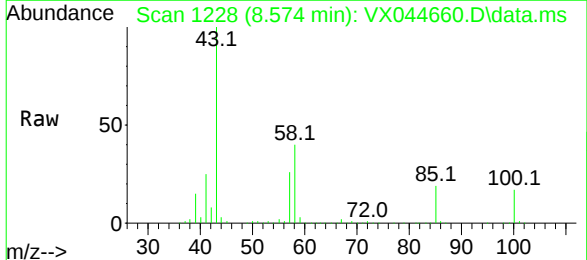
Manual Integrations
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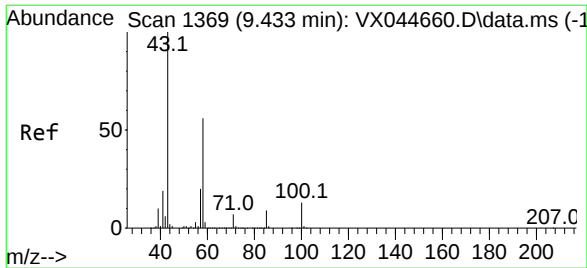
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#58
4-Methyl-2-Pentanone
Concen: 102.588 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 43 Resp: 358614
Ion Ratio Lower Upper
43 100
58 39.6 31.7 47.5
85 18.8 15.0 22.6





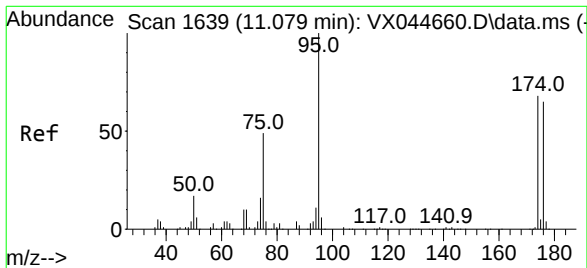
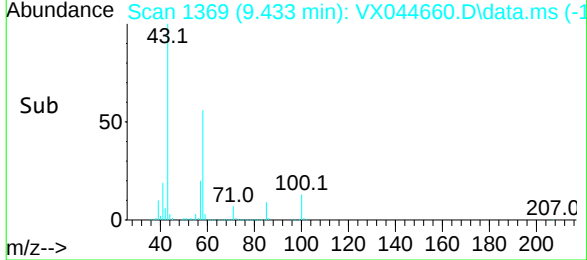
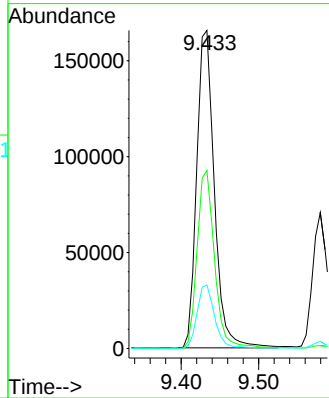
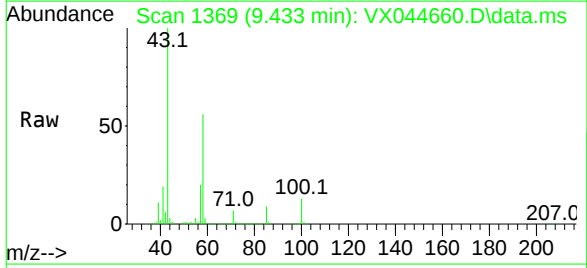
#59
2-Hexanone
Concen: 102.292 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 261785
Ion Ratio Lower Upper
43 100
58 55.5 44.4 66.6
57 19.4 15.5 23.3

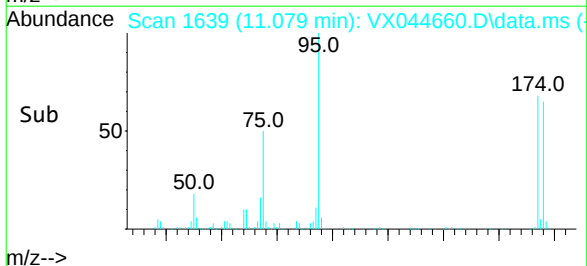
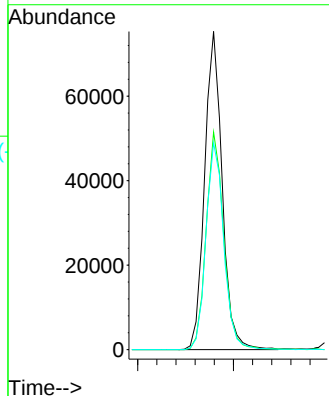
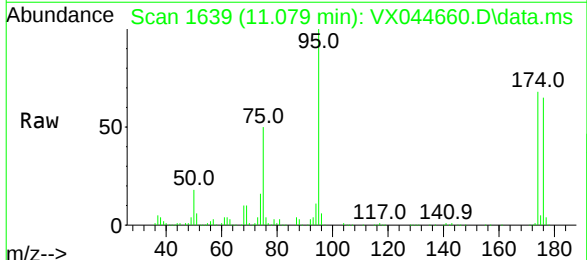
Manual Integrations
APPROVED

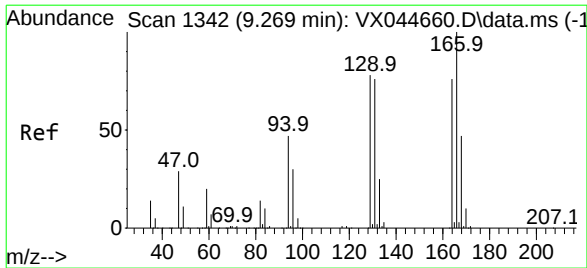
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
4-Bromofluorobenzene
Concen: 29.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

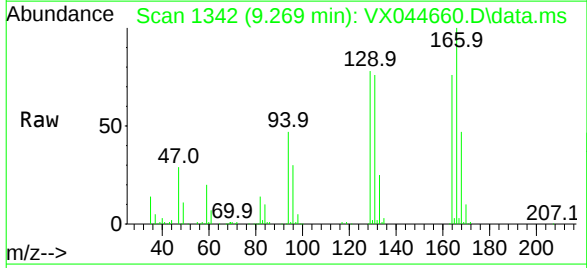
Tgt Ion: 95 Resp: 95915
Ion Ratio Lower Upper
95 100
174 68.2 54.6 81.8
176 66.0 52.8 79.2





#61
Tetrachloroethene
Concen: 19.466 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

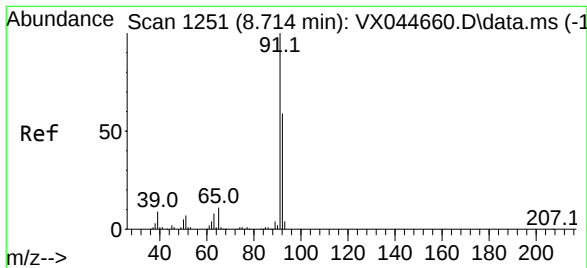
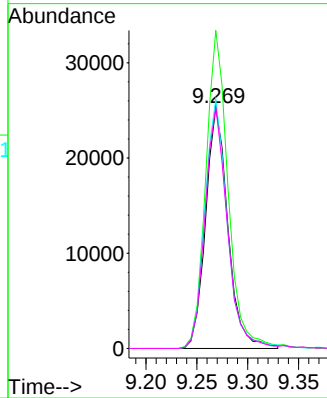
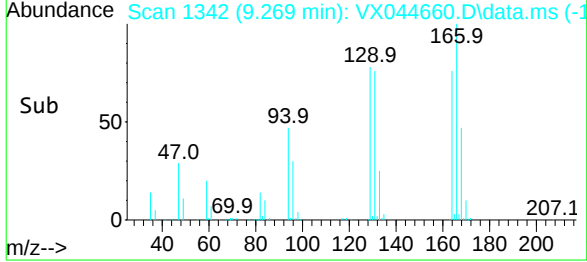
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 164 Resp: 38724
Ion Ratio Lower Upper
164 100
166 132.0 105.6 158.4
129 103.5 82.8 124.2
131 100.3 80.2 120.4

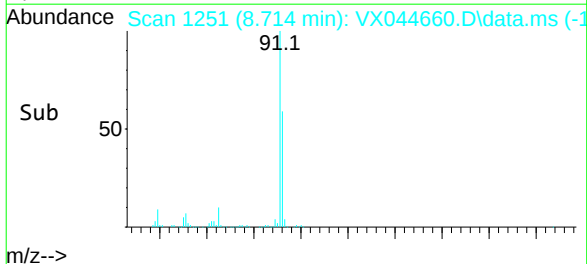
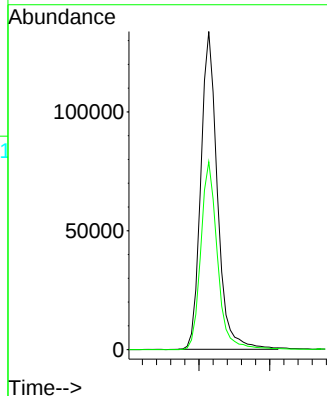
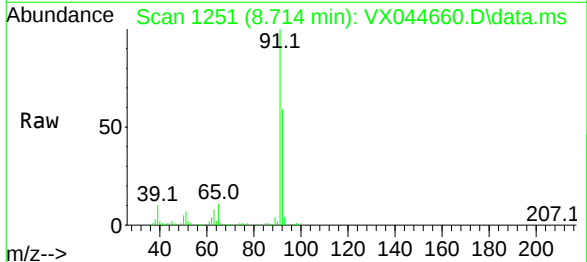
Manual Integrations
APPROVED

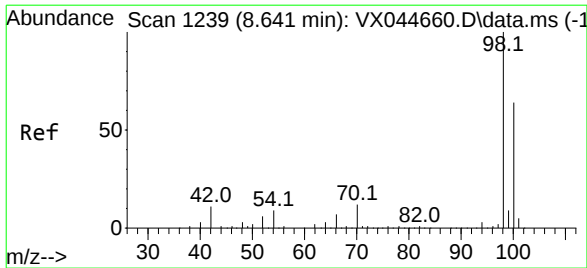
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#62
Toluene
Concen: 19.970 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 91 Resp: 218070
Ion Ratio Lower Upper
91 100
92 59.1 47.3 70.9





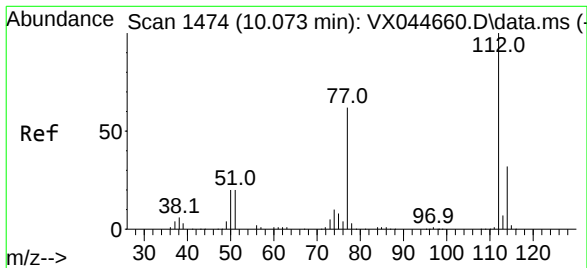
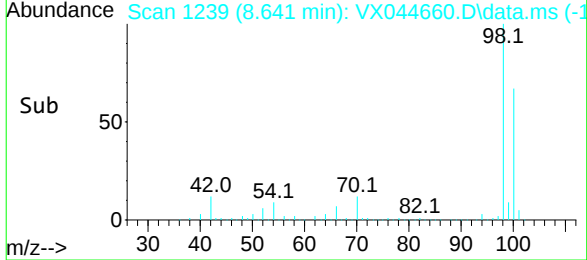
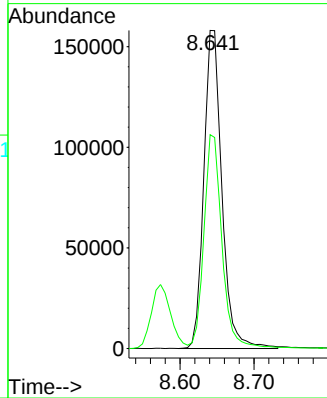
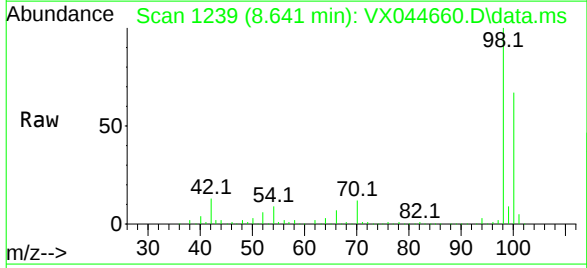
#63
Toluene-d8
Concen: 29.779 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 268606
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

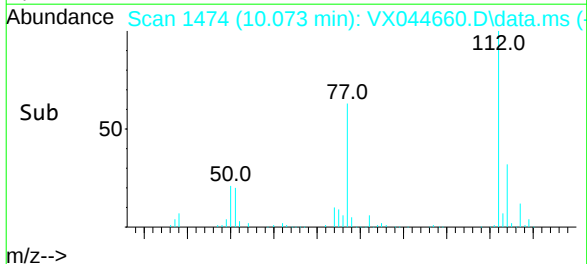
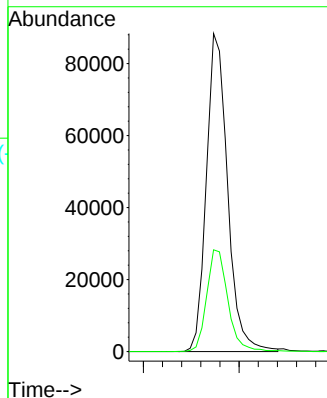
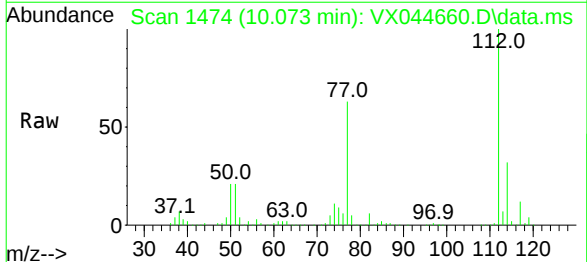
Manual Integrations
APPROVED

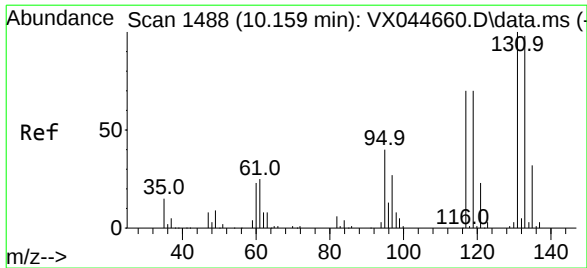
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#64
Chlorobenzene
Concen: 20.059 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

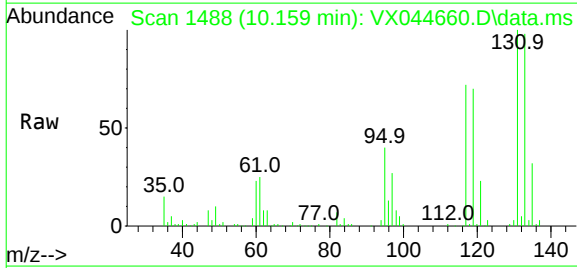
Tgt Ion:112 Resp: 136037
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 20.207 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

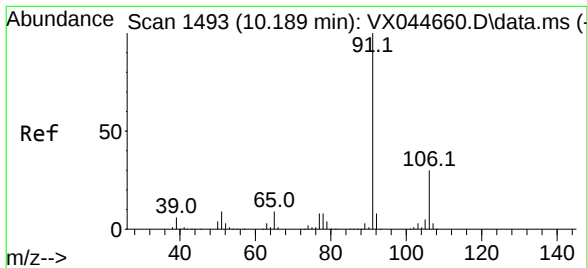
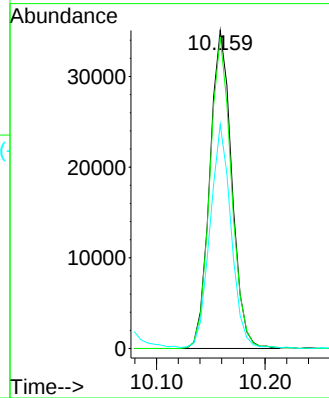
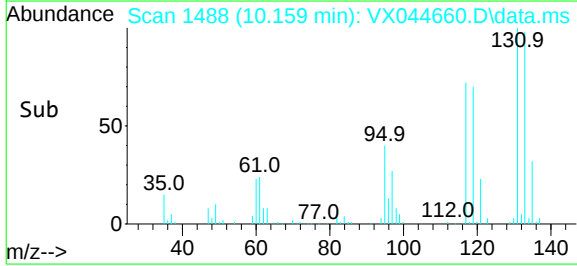
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 131 Resp: 49228
Ion Ratio Lower Upper
131 100
133 96.2 0.0 192.4
119 66.7 0.0 133.4

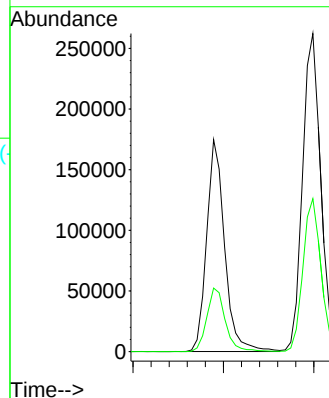
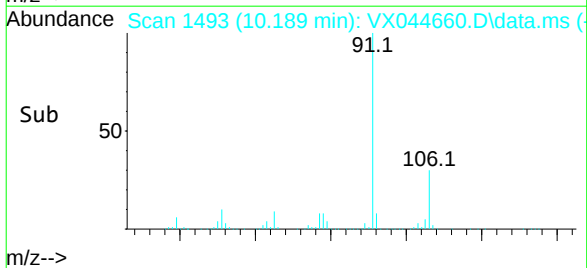
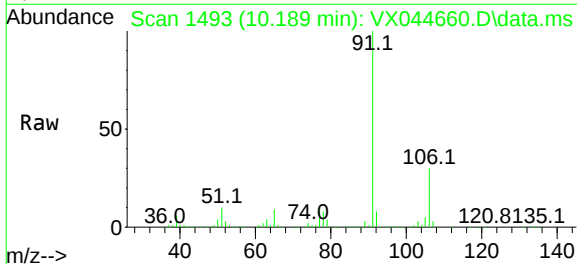
Manual Integrations
APPROVED

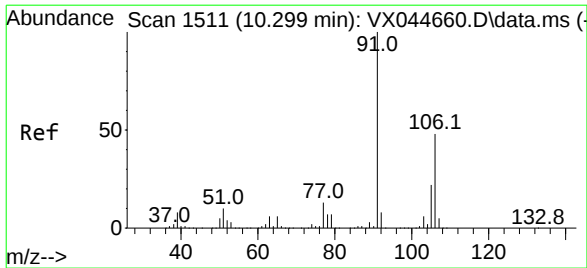
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 20.238 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 91 Resp: 241177
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





#67

m/p-Xylenes

Concen: 41.233 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:106 Resp: 180626

Ion Ratio Lower Upper

106 100

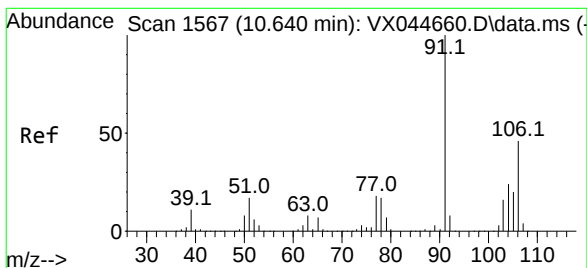
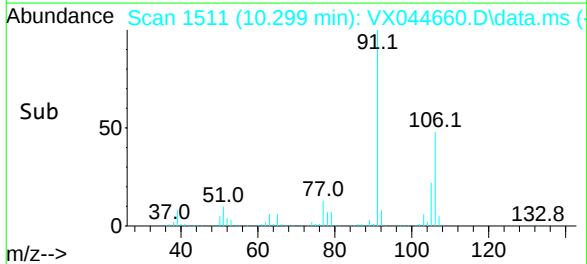
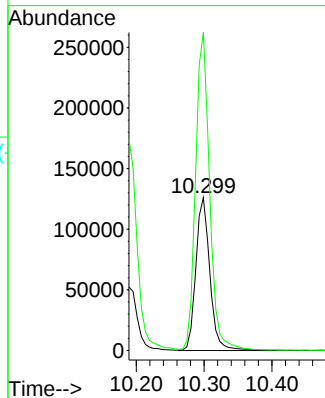
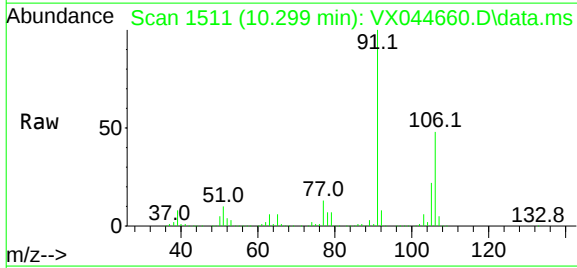
91 208.5 166.8 250.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#68

o-Xylene

Concen: 20.694 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044660.D

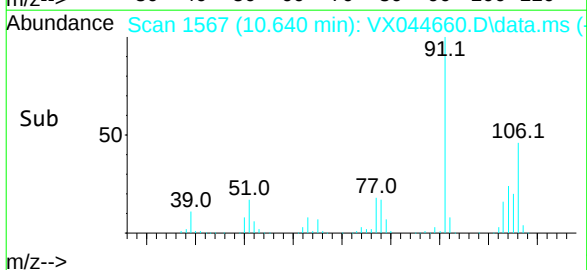
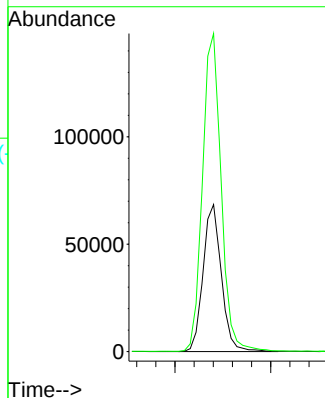
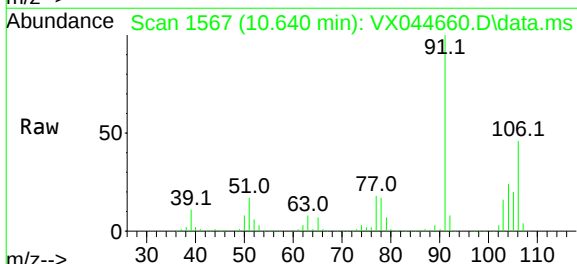
Acq: 16 Jan 2025 09:02

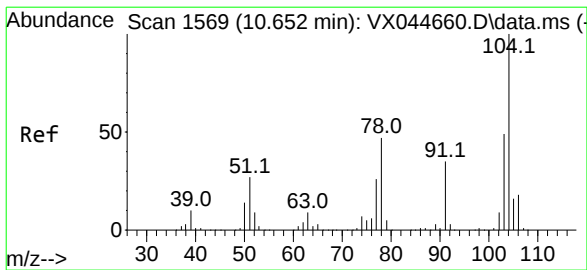
Tgt Ion:106 Resp: 90982

Ion Ratio Lower Upper

106 100

91 219.4 109.7 329.1





#69

Styrene

Concen: 20.793 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

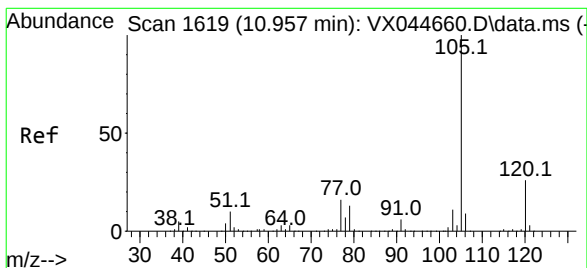
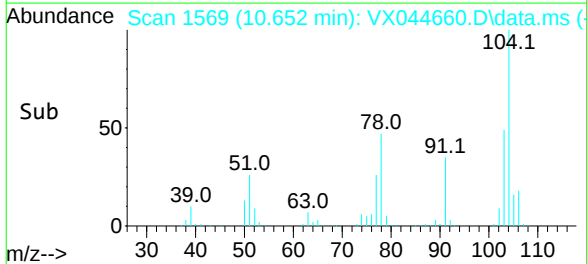
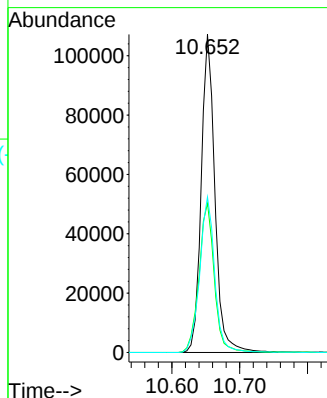
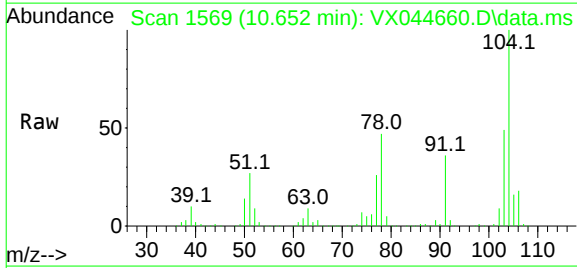
VSTDICCC020

Tgt Ion:	104	Resp:	150095
Ion Ratio	Lower	Upper	
104	100		
78	52.5	42.0	63.0
103	53.9	43.1	64.7

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 20.476 ug/l

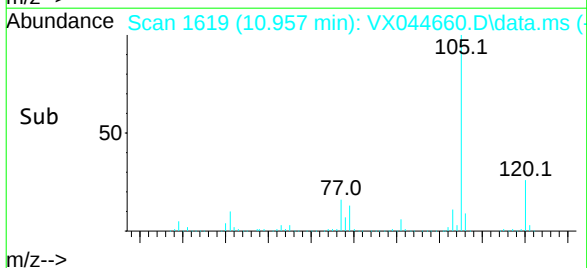
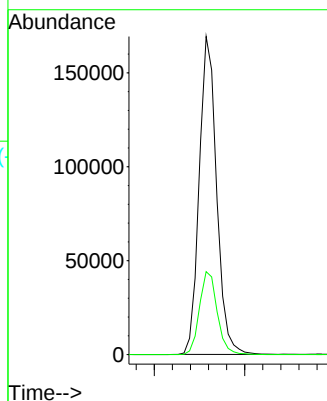
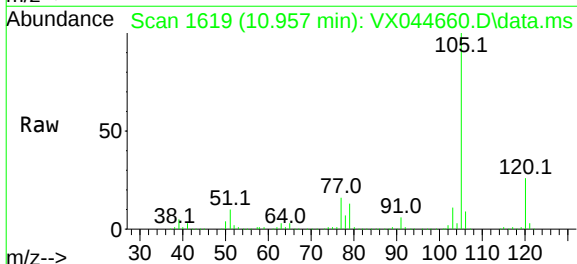
RT: 10.957 min Scan# 1619

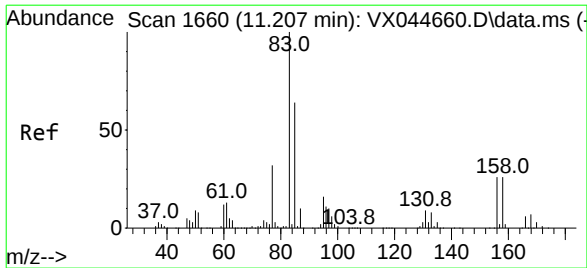
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:	105	Resp:	226317
Ion Ratio	Lower	Upper	
105	100		
120	26.6	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 20.326 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

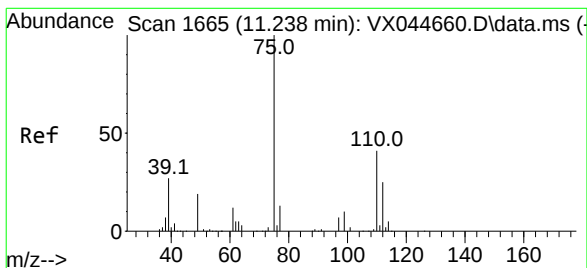
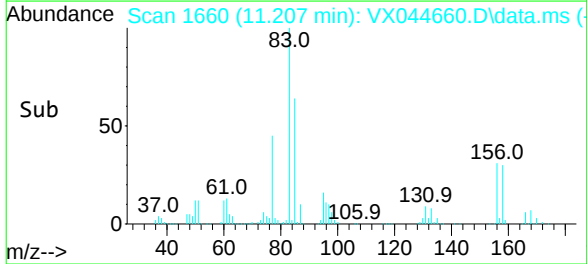
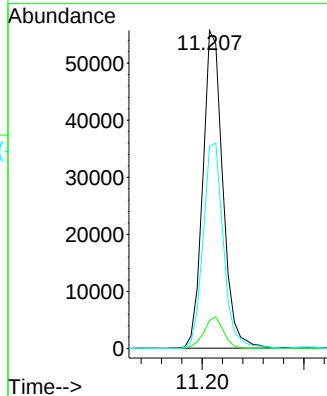
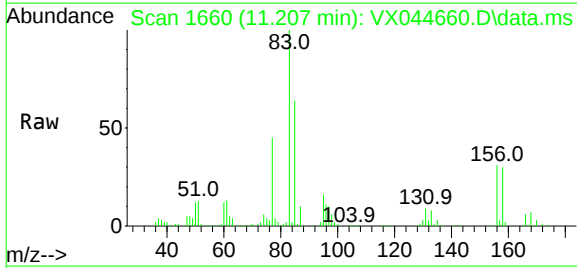
VSTDICCC020

Tgt Ion:	83	Resp:	75650
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	66.0	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: 20.597 ug/l m

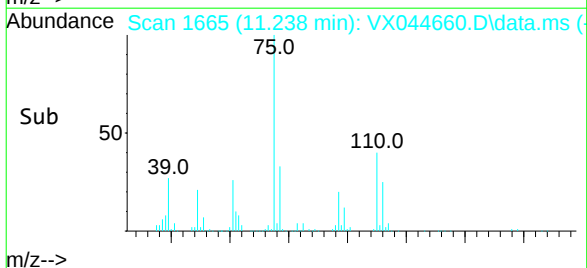
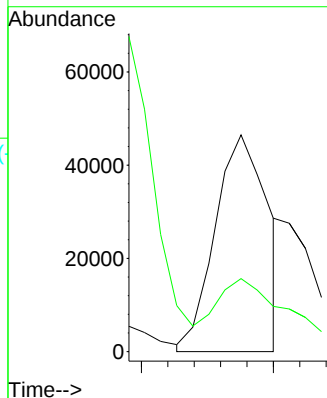
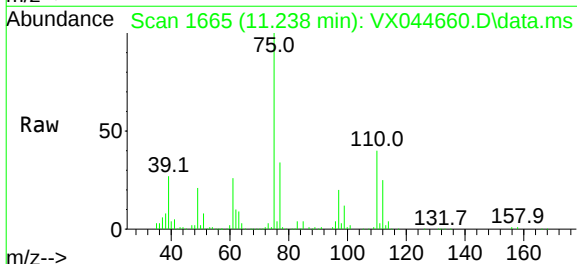
RT: 11.238 min Scan# 1665

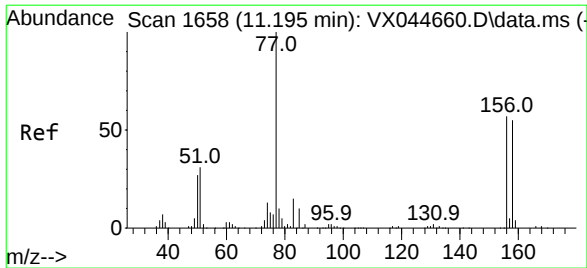
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:	75	Resp:	64385
Ion Ratio	Lower	Upper	
75	100		
77	41.5	0.0	83.0





#73

Bromobenzene

Concen: 20.435 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

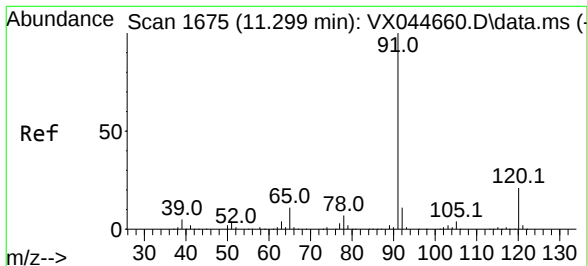
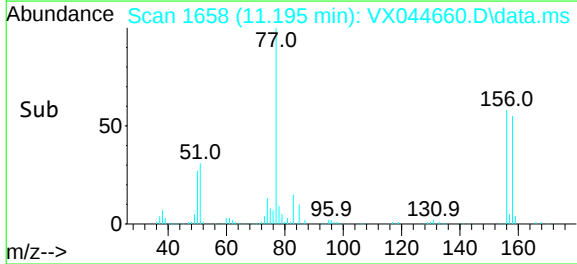
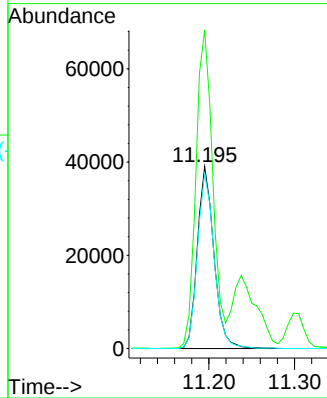
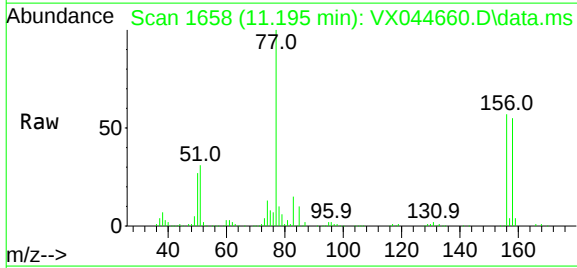
VSTDICCC020

Tgt Ion:	156	Resp:	52618
Ion Ratio	Lower	Upper	
156	100		
77	177.3	0.0	354.6
158	96.8	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: 20.339 ug/l

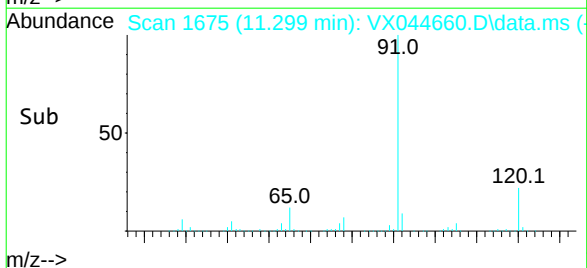
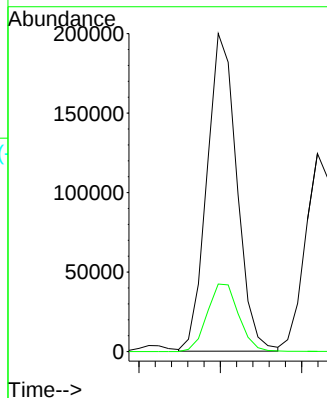
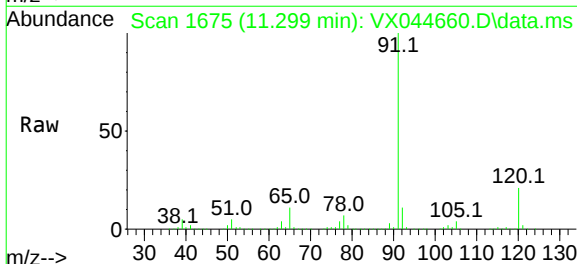
RT: 11.299 min Scan# 1675

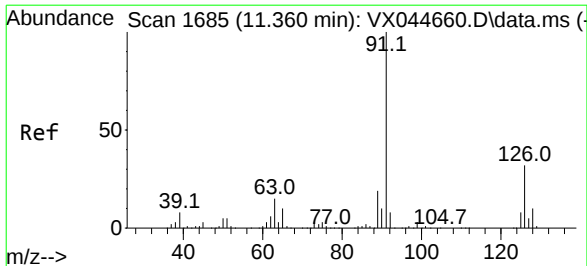
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:	91	Resp:	255513
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	45.0





#75

2-Chlorotoluene

Concen: 20.573 ug/l

RT: 11.360 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 162457

Ion Ratio Lower Upper

91 100

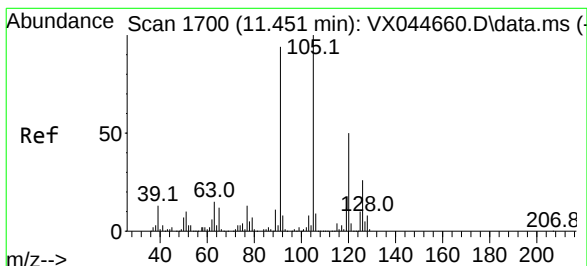
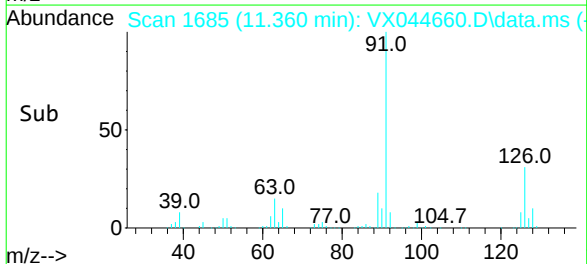
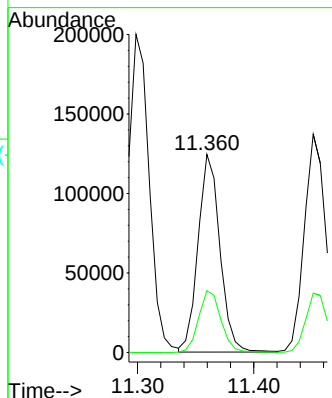
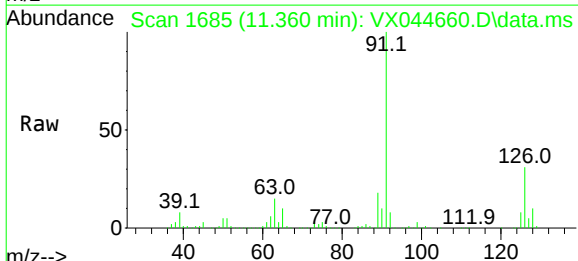
126 32.0 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#76

1,3,5-Trimethylbenzene

Concen: 20.653 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044660.D

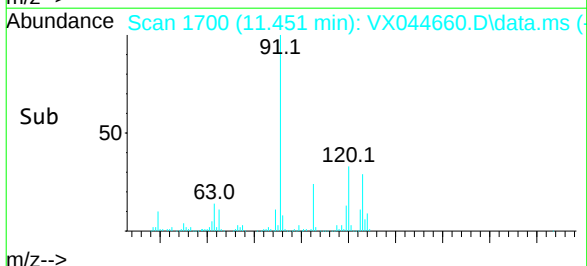
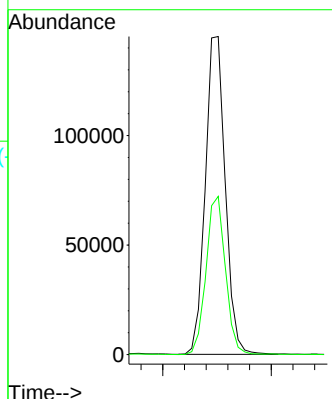
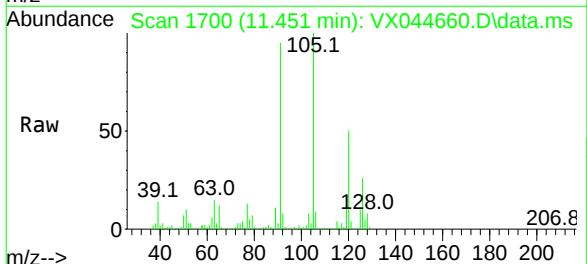
Acq: 16 Jan 2025 09:02

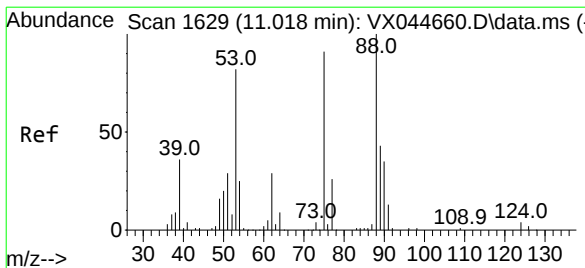
Tgt Ion:105 Resp: 185378

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.959 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

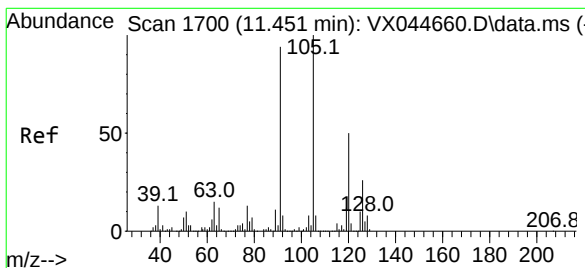
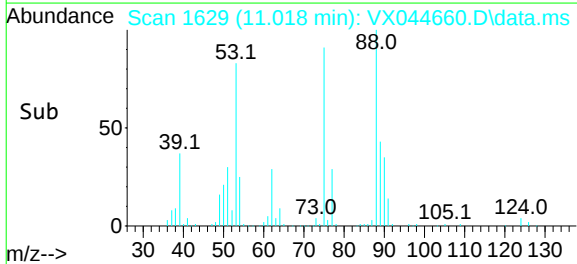
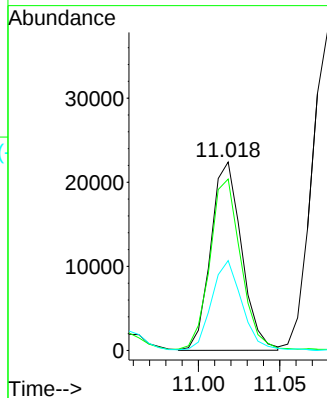
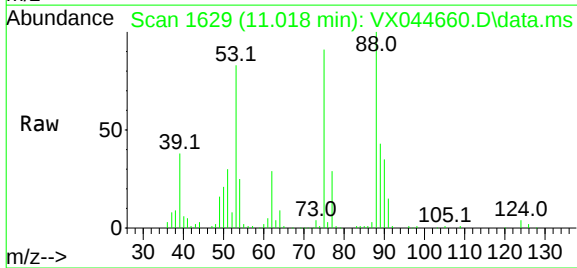
VSTDICCC020

Tgt Ion:	75	Resp:	29516
Ion Ratio	Lower	Upper	
75	100		
53	90.6	45.3	135.9
89	47.5	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: 20.455 ug/l

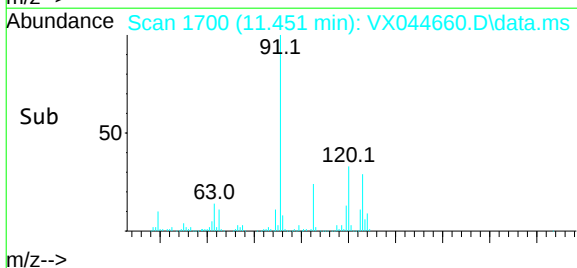
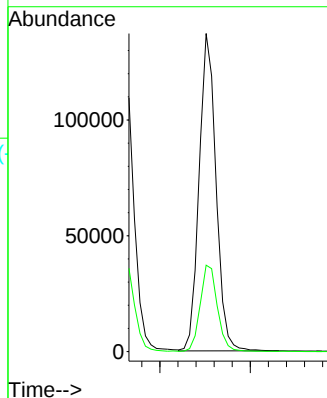
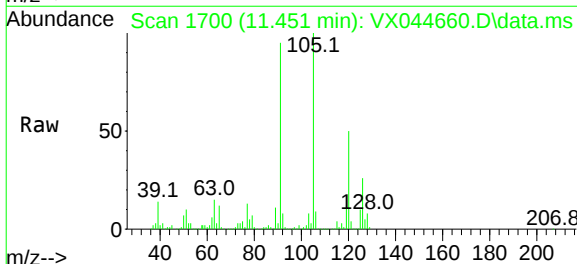
RT: 11.451 min Scan# 1700

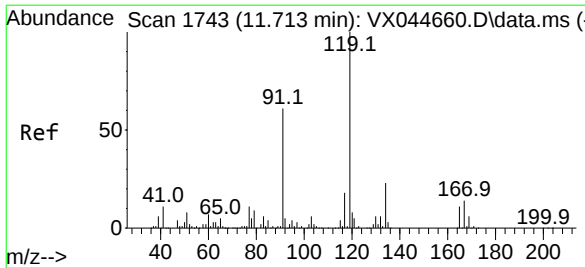
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:	91	Resp:	177891
Ion Ratio	Lower	Upper	
91	100		
126	27.7	0.0	55.4





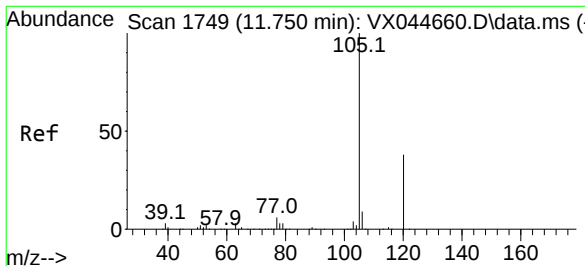
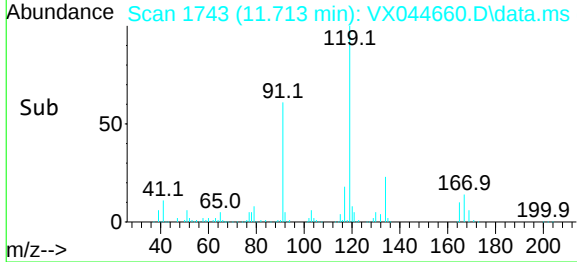
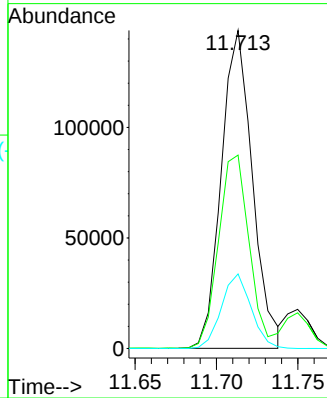
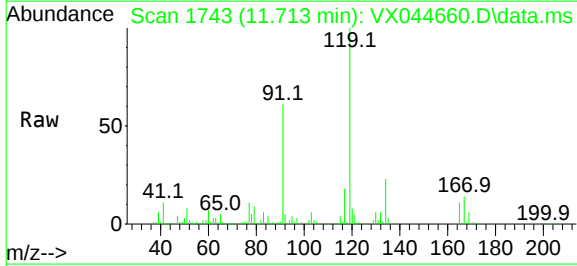
#79
tert-butylbenzene
Concen: 20.745 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 191290
Ion Ratio Lower Upper
119 100
91 59.5 0.0 119.0
134 22.4 0.0 44.8

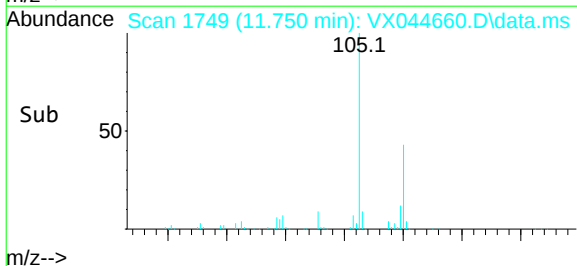
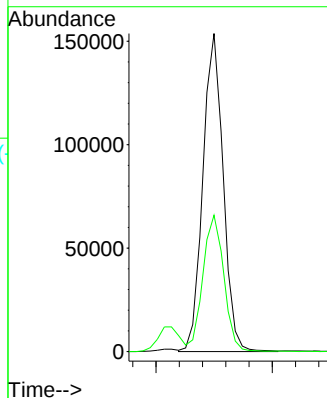
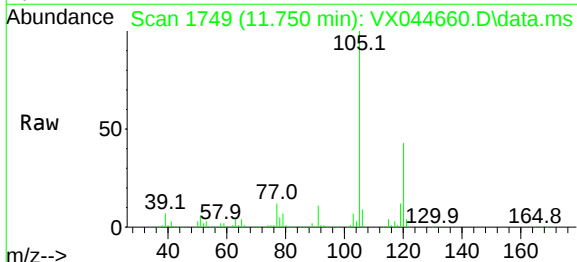
Manual Integrations
APPROVED

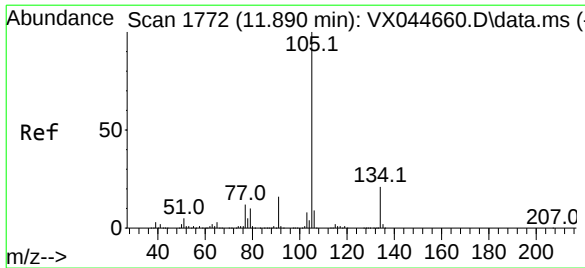
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.623 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:105 Resp: 186763
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.4





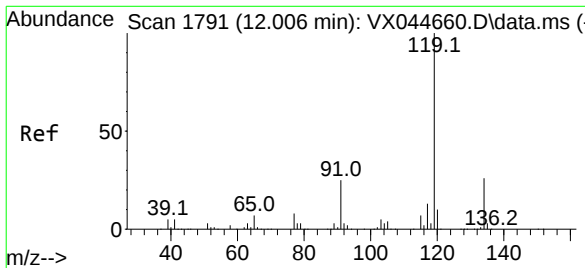
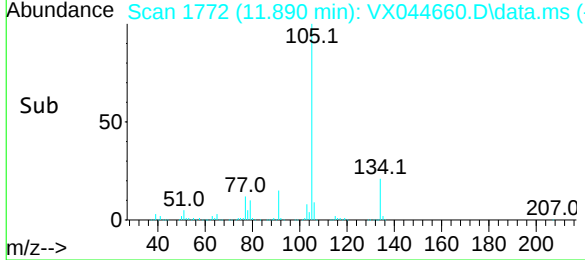
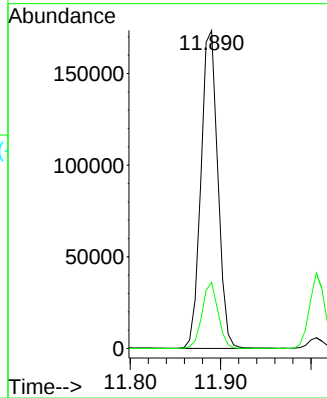
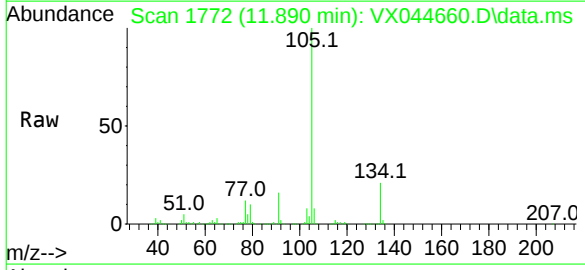
#81
sec-Butylbenzene
Concen: 20.434 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:105 Resp: 224992
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.6

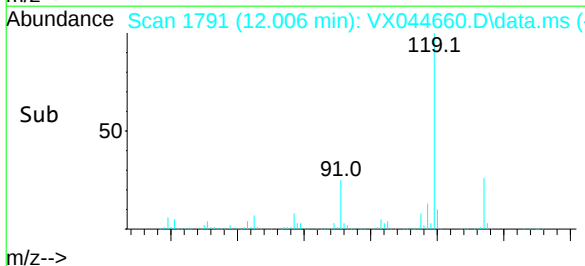
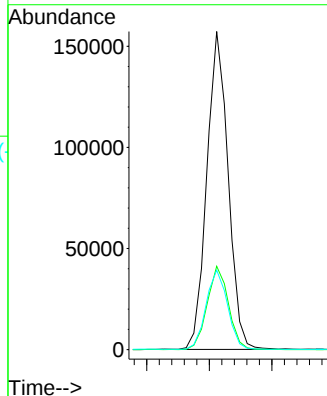
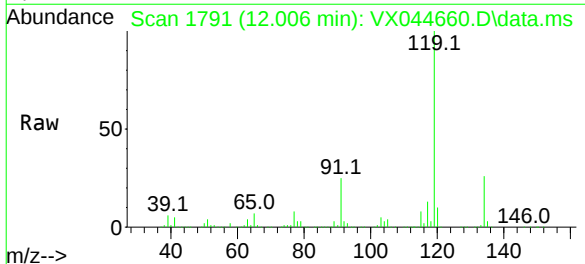
Manual Integrations
APPROVED

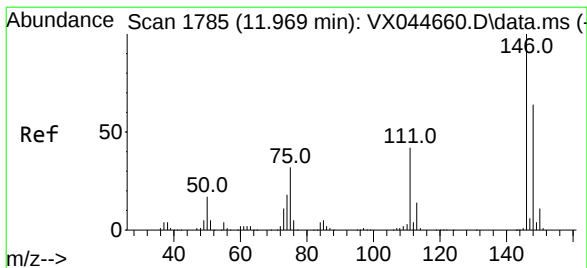
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
p-Isopropyltoluene
Concen: 20.537 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:119 Resp: 186107
Ion Ratio Lower Upper
119 100
134 26.1 0.0 52.2
91 25.1 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 20.330 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

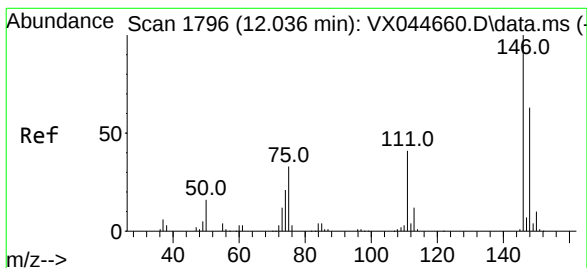
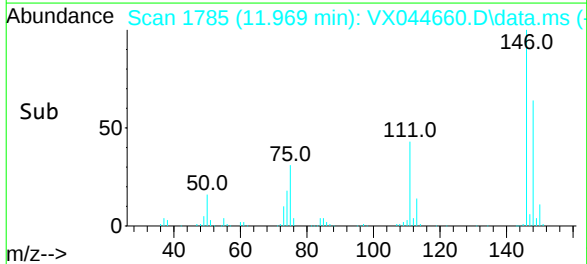
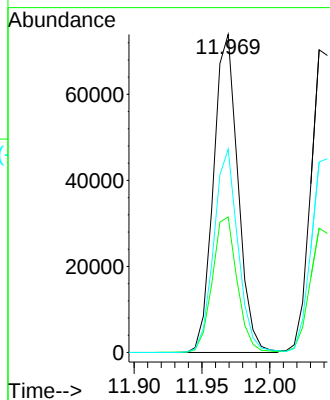
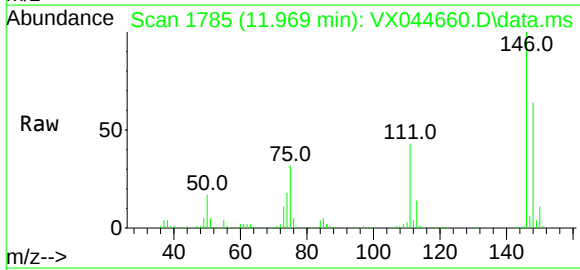
VSTDICCC020

Tgt Ion:	146	Resp:	92976
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	63.1	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: 20.540 ug/l

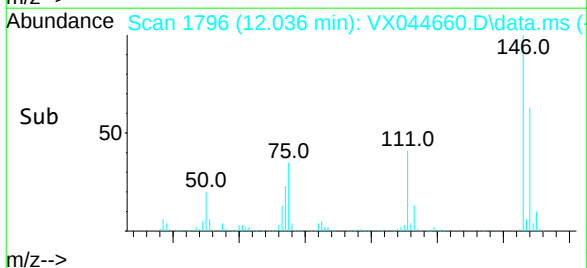
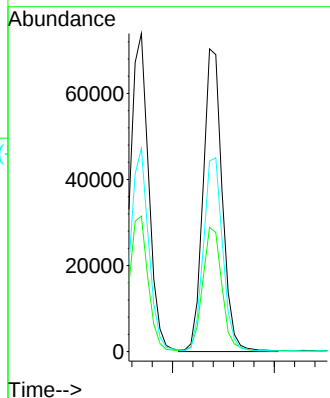
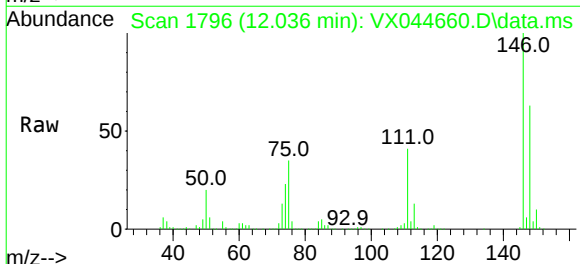
RT: 12.036 min Scan# 1796

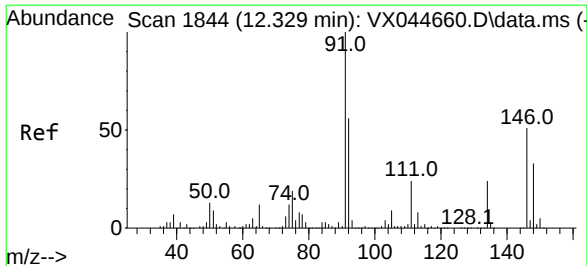
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:	146	Resp:	92092
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.3	32.1	96.5





#85

n-Butylbenzene

Concen: 19.973 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044660.D

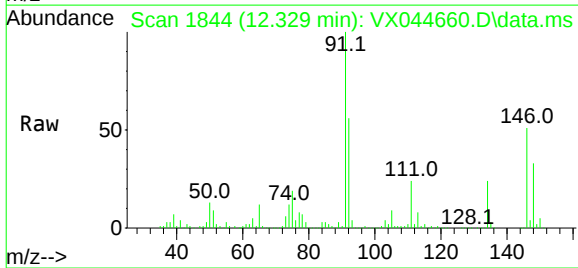
Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

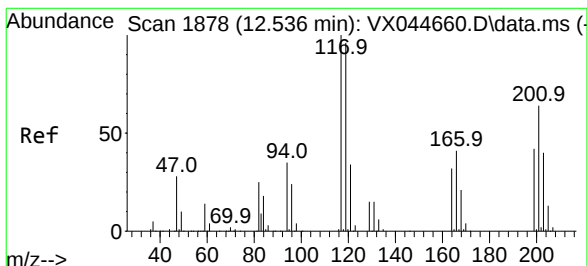
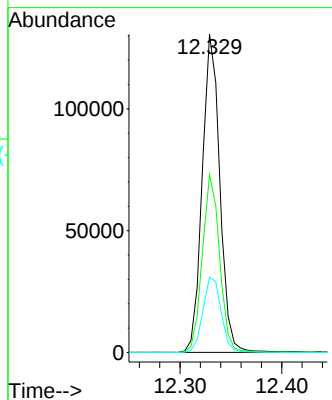
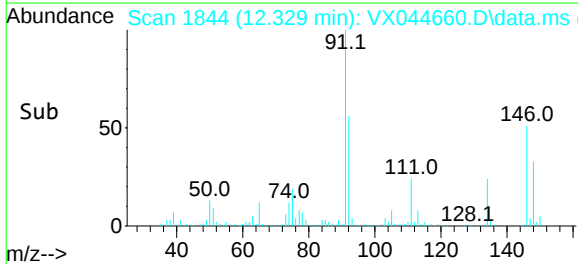
VSTDICCC020



Tgt Ion:	91	Resp:	156896
Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	109.4
134	24.6	0.0	49.2

Manual Integrations
APPROVED

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



#86

Hexachloroethane

Concen: 19.941 ug/l

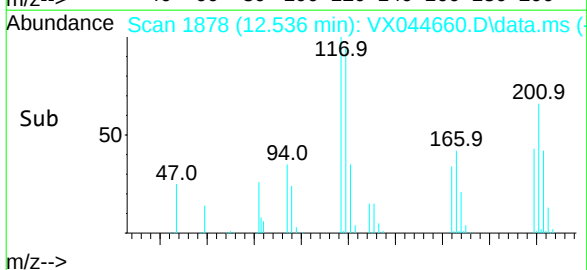
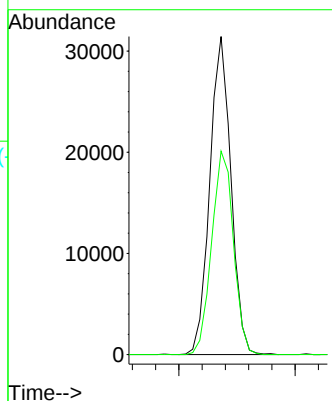
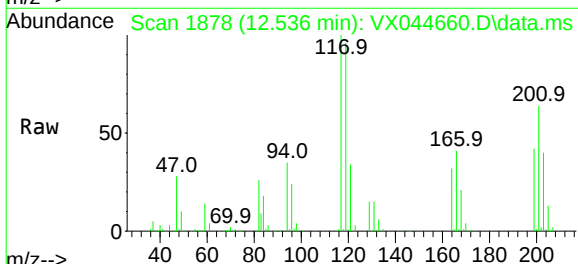
RT: 12.536 min Scan# 1878

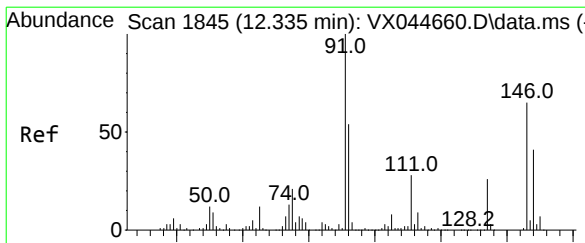
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

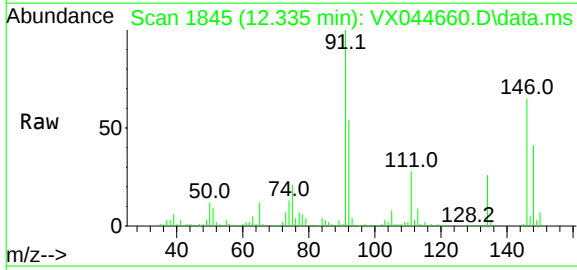
Tgt Ion:	117	Resp:	39754
Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.0	98.9





#87
1,2-Dichlorobenzene
Concen: 20.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

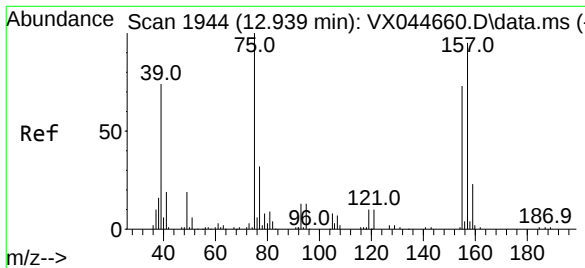
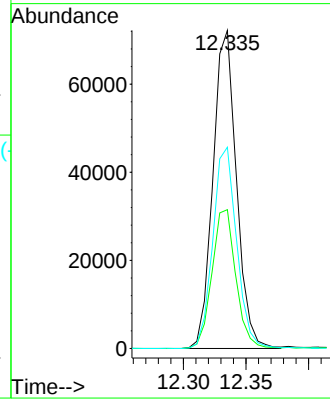
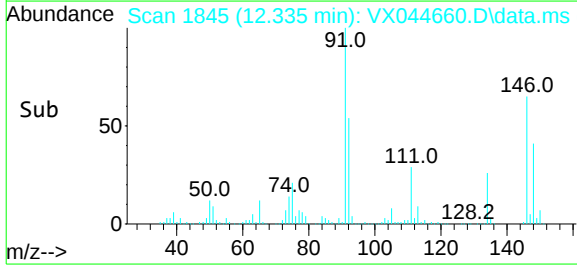
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 94144
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 64.2 32.1 96.3

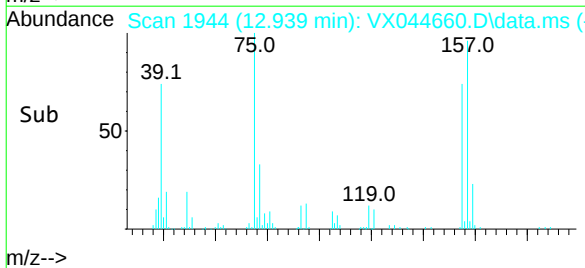
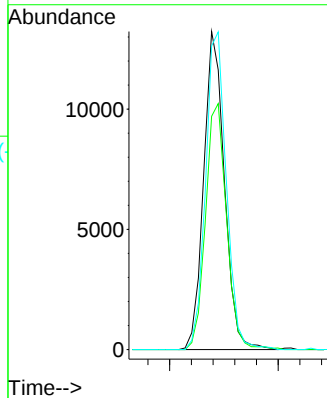
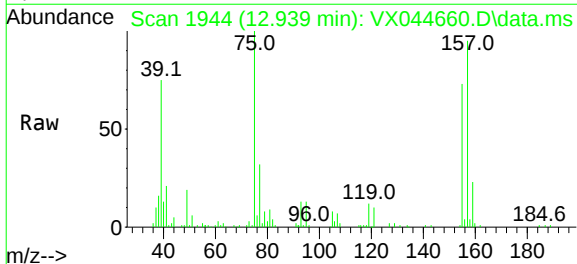
Manual Integrations
APPROVED

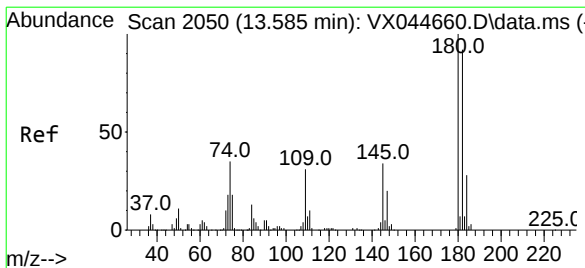
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.597 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 75 Resp: 17538
Ion Ratio Lower Upper
75 100
155 77.9 62.3 93.5
157 99.9 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 19.338 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:180 Resp: 54885

Ion Ratio Lower Upper

180 100

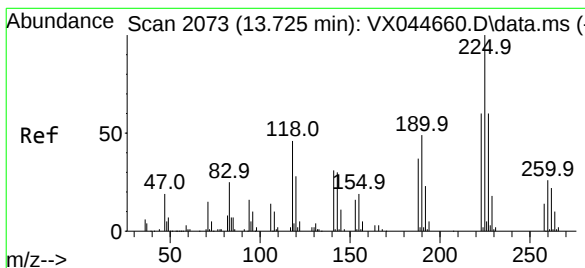
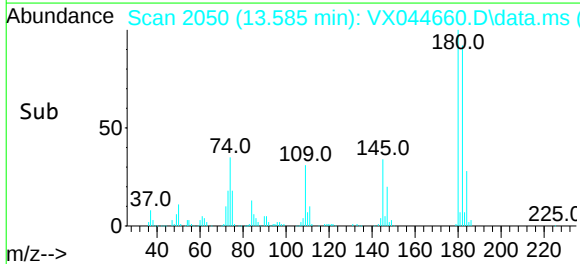
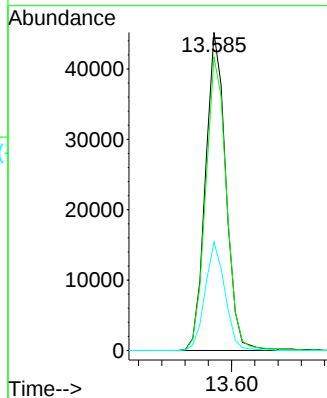
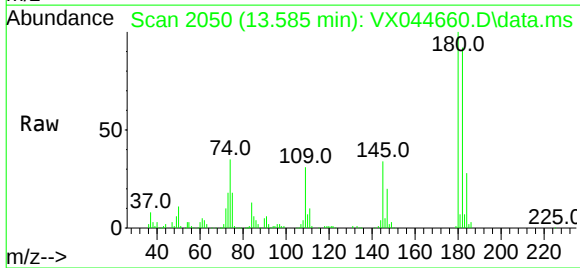
182 94.5 75.6 113.4

145 33.3 26.6 40.0

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 20.036 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

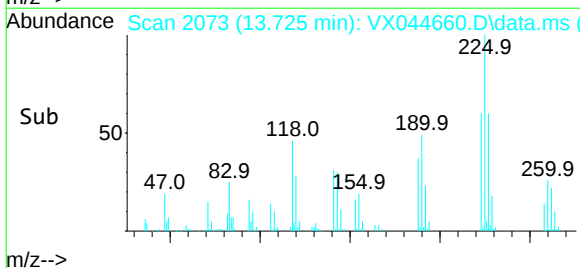
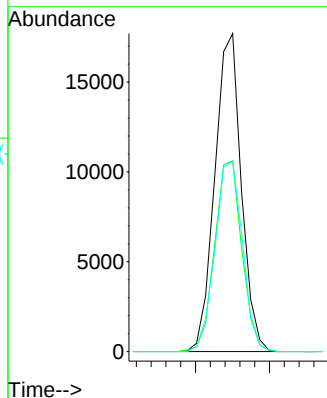
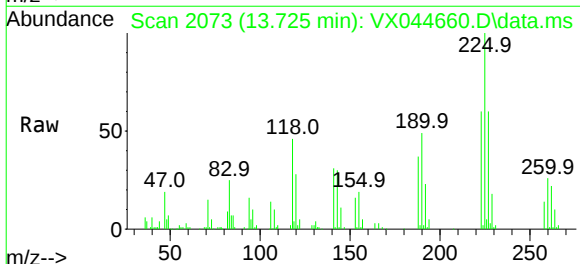
Tgt Ion:225 Resp: 21996

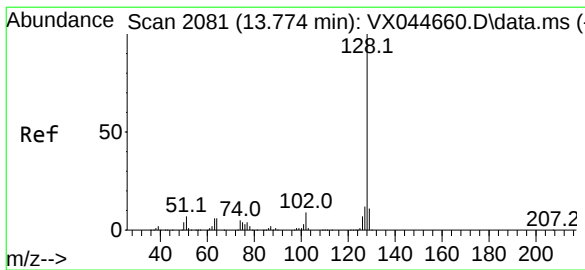
Ion Ratio Lower Upper

225 100

223 61.5 0.0 123.0

227 62.1 0.0 124.2





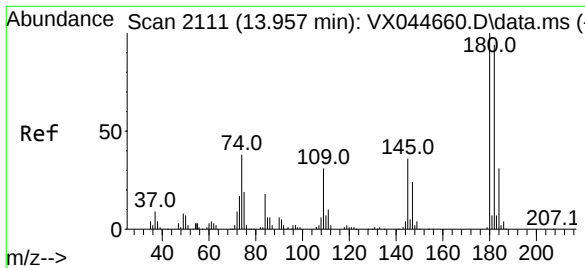
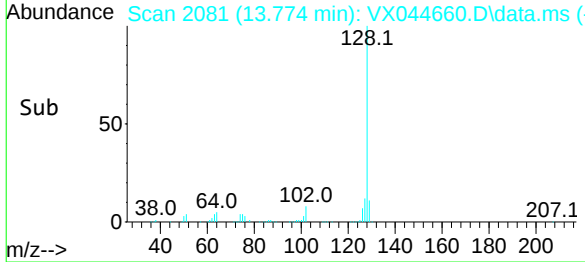
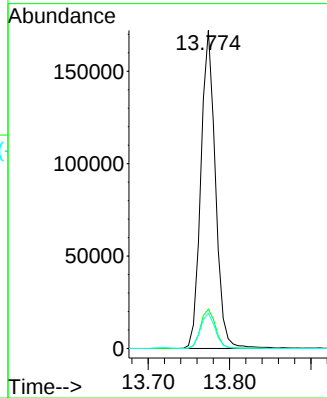
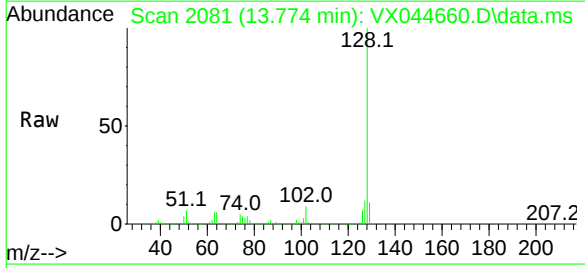
#91
Naphthalene
Concen: 20.183 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 214309
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.3 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: 20.127 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:180 Resp: 58101
Ion Ratio Lower Upper
180 100
182 93.9 0.0 187.8
145 34.9 0.0 69.8

