

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044673.D
 Acq On : 16 Jan 2025 16:04
 Operator :
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 01:32:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	31760	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	167169	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	151265	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	87326	28.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.933%		
60) 4-Bromofluorobenzene	11.079	95	90245	30.716	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.400%		
63) Toluene-d8	8.641	98	246039	29.905	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54938	19.455	ug/l	99
3) Chloromethane	1.295	50	58491	19.691	ug/l	97
4) Vinyl Chloride	1.374	62	52662	18.120	ug/l	97
5) Bromomethane	1.593	94	11699	16.655	ug/l	94
6) Chloroethane	1.660	64	8398m	18.224	ug/l	
7) Trichlorofluoromethane	1.868	101	61263	19.248	ug/l	100
8) Diethyl Ether	2.130	74	18053	14.703	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	45075	19.767	ug/l	98
10) 1,1-Dichloroethene	2.307	96	43032	18.344	ug/l	91
11) Methyl Iodide	2.441	142	52153	16.043	ug/l	96
12) Methyl Acetate	2.697	43	66160	19.318	ug/l	96
13) Acrolein	2.233	56	26525	70.033	ug/l	100
14) Acrylonitrile	3.056	53	123322	98.817	ug/l	99
15) Acetone	2.380	58	32395	96.738	ug/l	100
16) Carbon Disulfide	2.502	76	123419	18.931	ug/l	100
17) Allyl chloride	2.654	41	81756	19.325	ug/l	99
18) Methylene Chloride	2.782	84	50990	19.422	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	44821	19.215	ug/l	93
20) Diisopropyl ether	3.751	45	151426	19.720	ug/l	97
21) 1,1-Dichloroethane	3.599	63	85409	18.750	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	54606	18.914	ug/l	98
23) tert-Butyl Alcohol	2.971	59	63153m	104.625	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	157454	19.371	ug/l	99
25) Chloroform	5.074	83	86312	19.070	ug/l	95
26) Cyclohexane	5.452	56	75485	19.717	ug/l #	97
29) 1,1-Dichloropropene	5.678	75	56865	19.557	ug/l	97
30) 2-Butanone	4.550	43	166438	104.202	ug/l	99
31) 2,2-Dichloropropane	4.459	77	79790	19.830	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	75830	19.679	ug/l	99
33) Carbon Tetrachloride	5.666	117	63715	19.601	ug/l	98
34) Benzene	6.025	78	185995	20.049	ug/l	97
35) Methacrylonitrile	4.904	41	36238	20.300	ug/l	91
36) 1,2-Dichloroethane	6.080	62	65030	19.606	ug/l	99
37) Trichloroethene	7.117	130	43568	19.452	ug/l	91
38) Methylcyclohexane	7.367	83	82064	20.772	ug/l	97
39) 1,2-Dichloropropane	7.421	63	45783	19.791	ug/l	98
40) Dibromomethane	7.574	93	33957	19.744	ug/l	99
41) Bromodichloromethane	7.812	83	68866	19.393	ug/l	99
42) Vinyl Acetate	3.709	43	667881	105.289	ug/l	100

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 Supervised By :Semsettin Yesilyurt 01/17/2025

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	67755	21.625	ug/l #	94
44) Isopropyl Acetate	6.330	43	114877	20.408	ug/l	100
45) 1,4-Dioxane	7.665	88	20037	373.825	ug/l	99
46) Methyl methacrylate	7.690	41	55463	20.130	ug/l	97
47) n-amyl Acetate	10.842	43	101504	21.487	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	74474	19.869	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	79790	19.852	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	45852	20.701	ug/l	97
51) Ethyl methacrylate	9.110	69	80926	21.032	ug/l	98
52) 1,3-Dichloropropane	9.305	76	78523	20.497	ug/l	97
53) Dibromochloromethane	9.513	129	52358	19.782	ug/l	96
54) 1,2-Dibromoethane	9.604	107	47675	20.361	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	195017	104.455	ug/l	99
56) Bromoform	10.799	173	35719	20.352	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	333561	104.616	ug/l	100
59) 2-Hexanone	9.427	43	245886	105.337	ug/l	99
61) Tetrachloroethene	9.269	164	35722	19.687	ug/l	97
62) Toluene	8.714	91	196058	19.684	ug/l	99
64) Chlorobenzene	10.073	112	121910	19.708	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	43600	19.621	ug/l	98
66) Ethyl Benzene	10.189	91	215205	19.798	ug/l	99
67) m/p-Xylenes	10.299	106	162129	40.577	ug/l	99
68) o-Xylene	10.634	106	80862	20.164	ug/l	100
69) Styrene	10.653	104	133131	20.220	ug/l	99
70) Isopropylbenzene	10.957	105	203065	20.143	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	70632	20.841	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	60603m	21.255	ug/l	
73) Bromobenzene	11.195	156	46455	19.780	ug/l	99
74) n-propylbenzene	11.299	91	233390	20.382	ug/l	100
75) 2-Chlorotoluene	11.360	91	147629	20.507	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	169063	20.650	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	26136	19.376	ug/l	97
78) 4-Chlorotoluene	11.451	91	160564	20.241	ug/l	99
79) tert-butylbenzene	11.713	119	173889	20.675	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	170127	20.596	ug/l	99
81) sec-Butylbenzene	11.884	105	207829	20.694	ug/l	99
82) p-Isopropyltoluene	12.006	119	170965	20.684	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	84078	20.156	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	84625	20.694	ug/l	98
85) n-Butylbenzene	12.329	91	149438	20.857	ug/l	99
86) Hexachloroethane	12.536	117	35748	19.660	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	85460	20.516	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15332	18.783	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	50951	19.682	ug/l	99
90) Hexachlorobutadiene	13.725	225	19476	19.451	ug/l	98
91) Naphthalene	13.774	128	198384	20.484	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	52269	19.852	ug/l	99

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

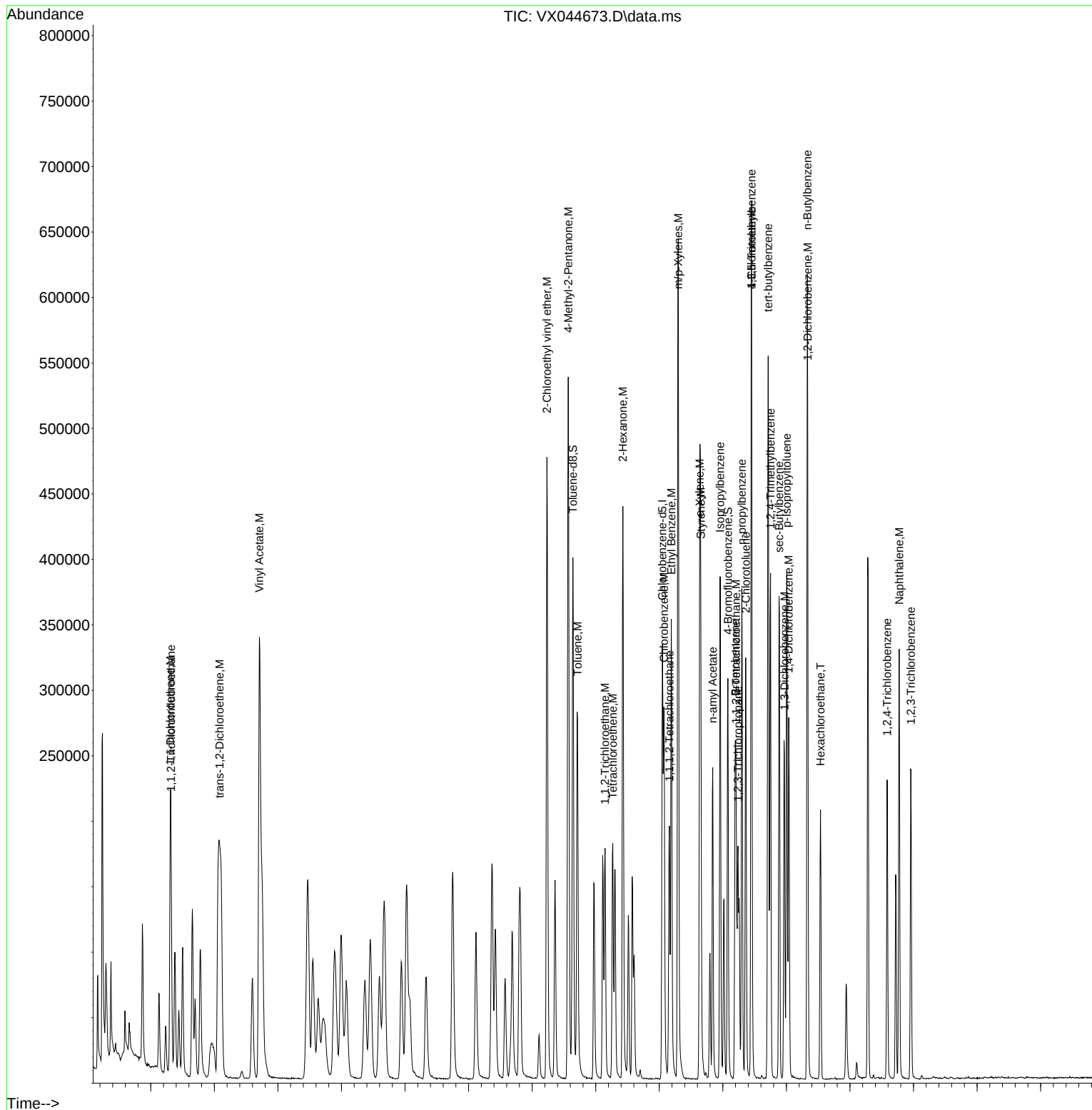
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
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ALS Vial : 16 Sample Multiplier: 1

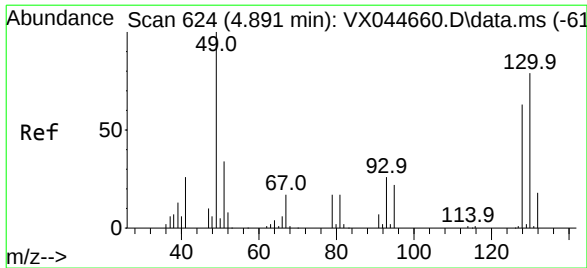
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MSVOA_X
ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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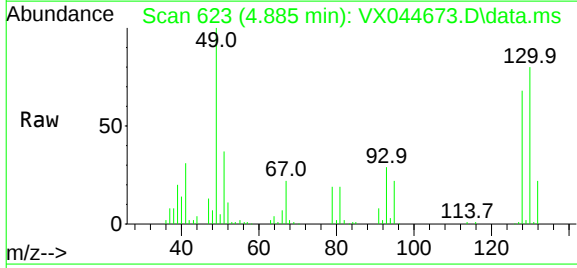
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

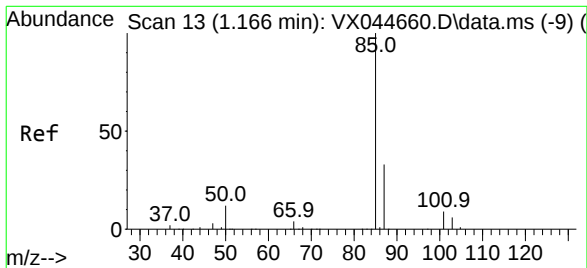
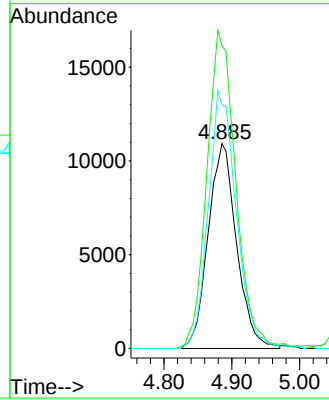
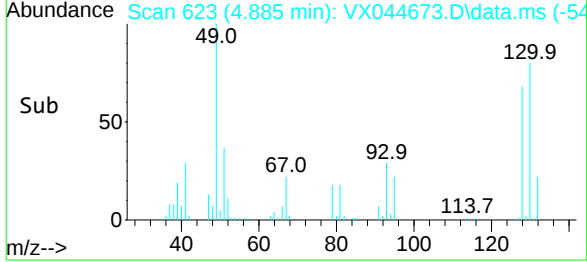
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 31760
Ion Ratio Lower Upper
128 100
49 157.4 0.0 411.5
130 124.3 0.0 324.3

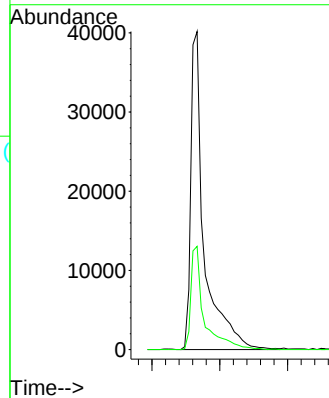
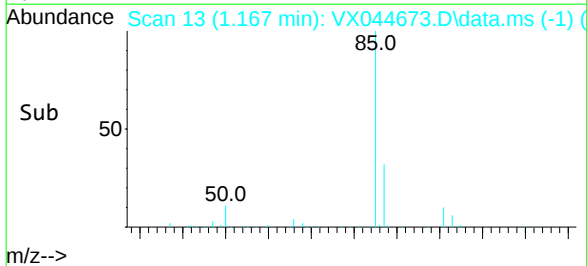
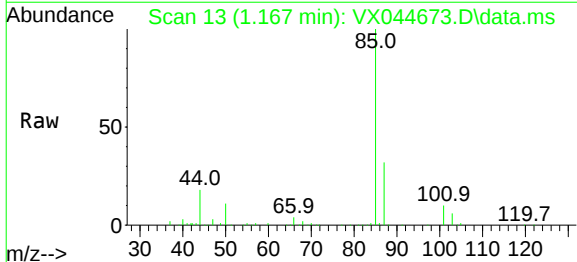
Manual Integrations
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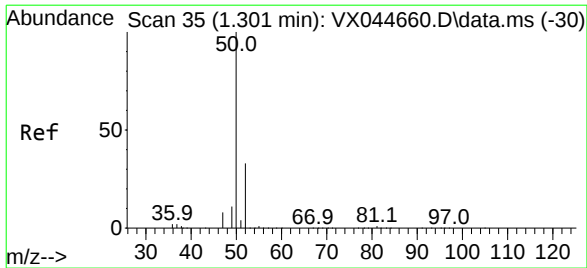
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#2
Dichlorodifluoromethane
Concen: 19.455 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

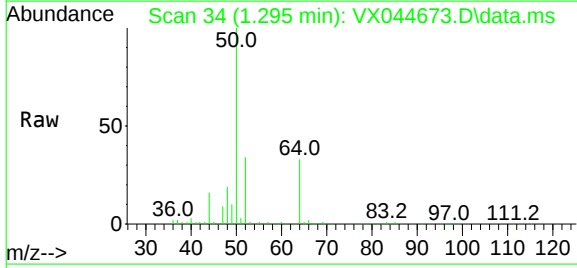
Tgt Ion: 85 Resp: 54938
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





#3
Chloromethane
Concen: 19.691 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

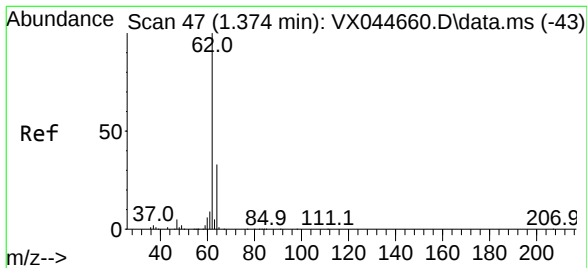
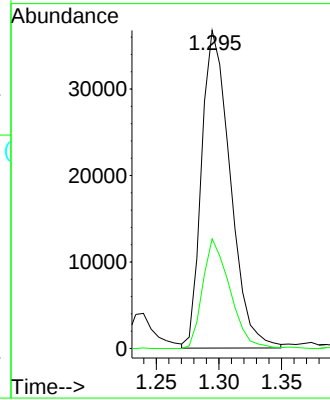
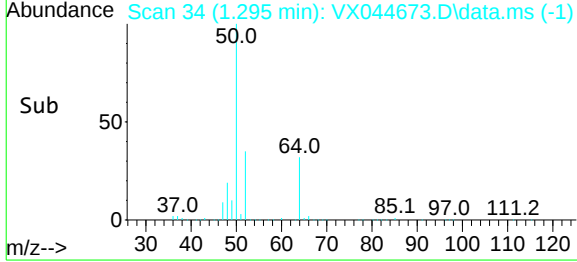
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



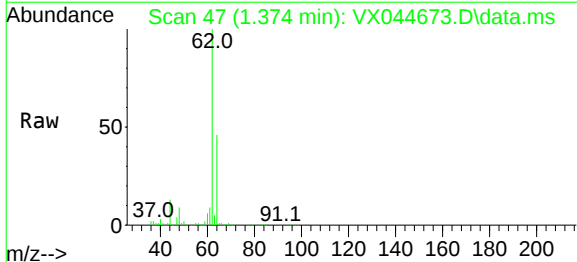
Tgt Ion: 50 Resp: 58491
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

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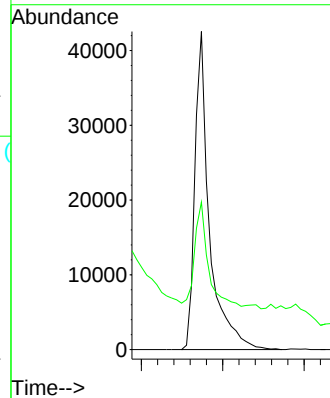
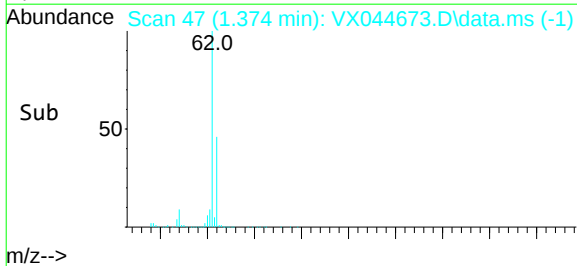
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

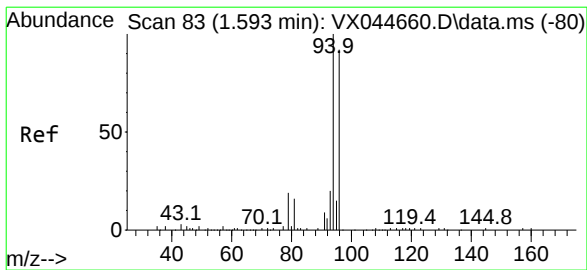


#4
Vinyl Chloride
Concen: 18.120 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



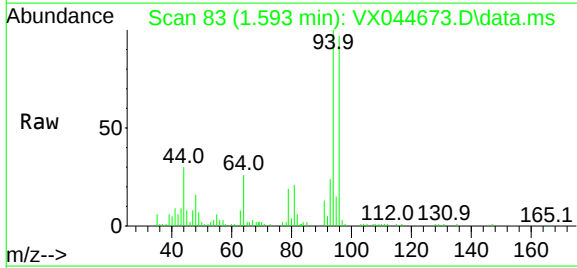
Tgt Ion: 62 Resp: 52662
Ion Ratio Lower Upper
62 100
64 32.6 27.3 40.9





#5
Bromomethane
Concen: 16.655 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

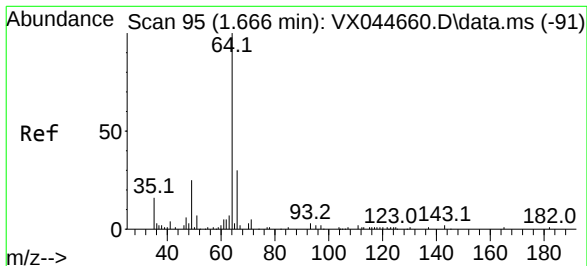
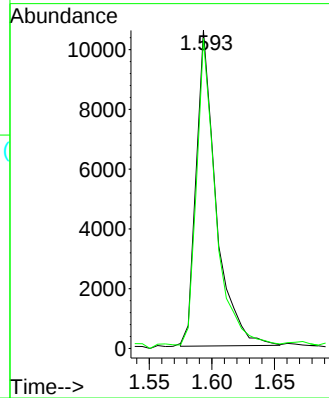
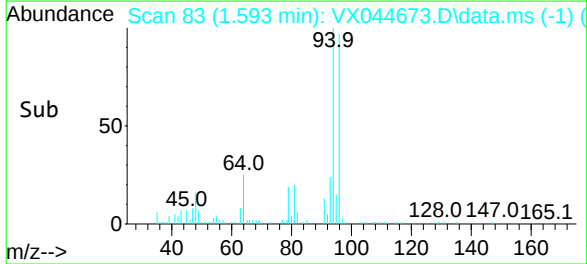
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 11699
Ion Ratio Lower Upper
94 100
96 97.5 73.3 109.9

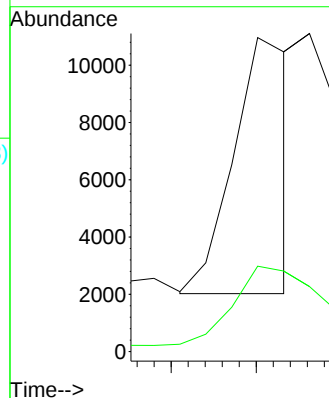
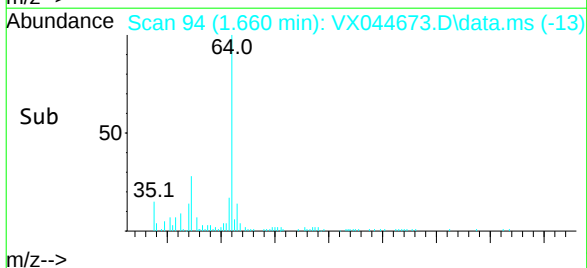
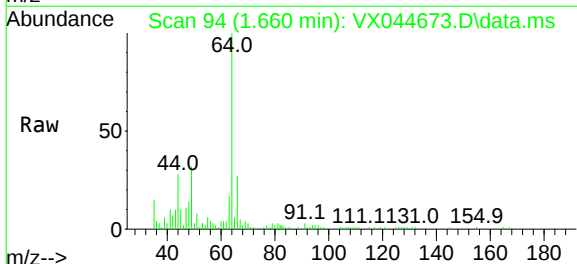
Manual Integrations
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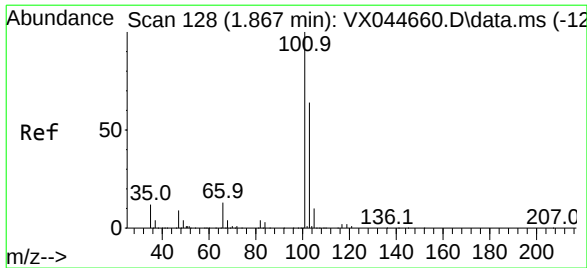
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#6
Chloroethane
Concen: 18.224 ug/l m
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

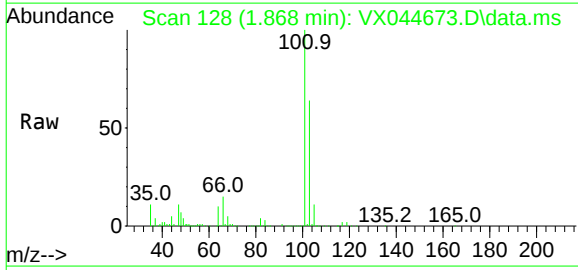
Tgt Ion: 64 Resp: 8398
Ion Ratio Lower Upper
64 100
66 27.2 23.8 35.6





Trichlorofluoromethane
 Concen: 19.248 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

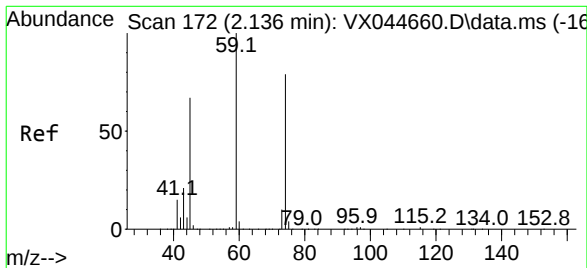
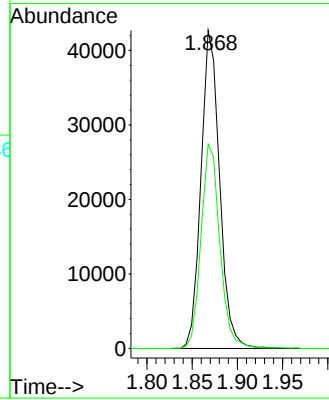
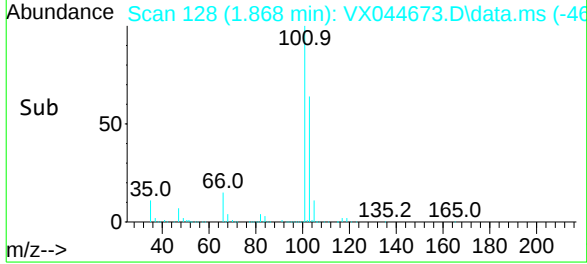
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 101 Resp: 61263
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.1 76.7

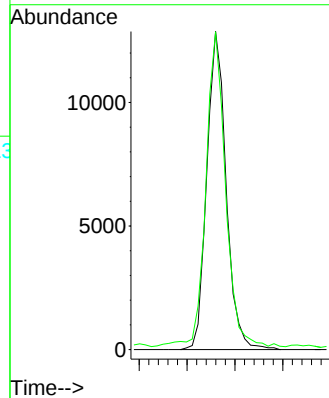
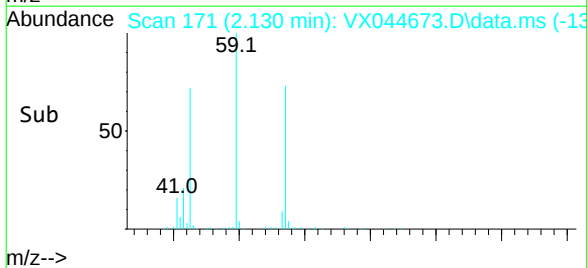
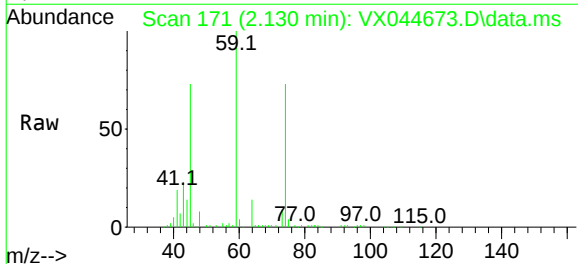
Manual Integrations
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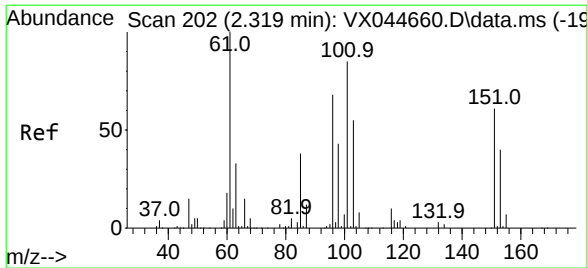
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



Diethyl Ether
 Concen: 14.703 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion: 74 Resp: 18053
 Ion Ratio Lower Upper
 74 100
 45 100.5 18.8 168.8





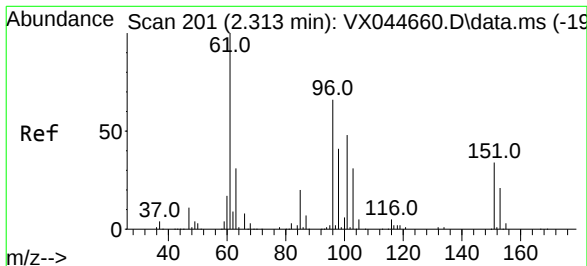
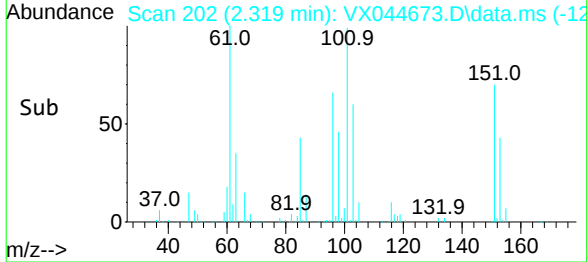
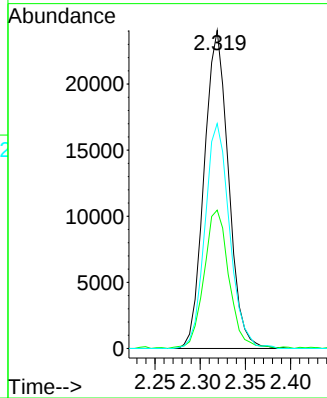
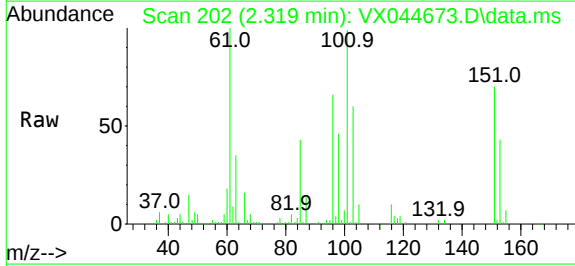
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.767 ug/l
RT: 2.319 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 101 Resp: 45075
Ion Ratio Lower Upper
101 100
85 44.6 0.0 88.0
151 71.5 0.0 147.0

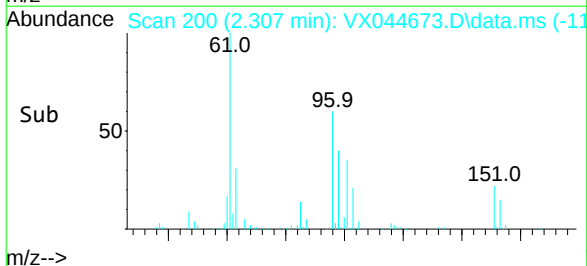
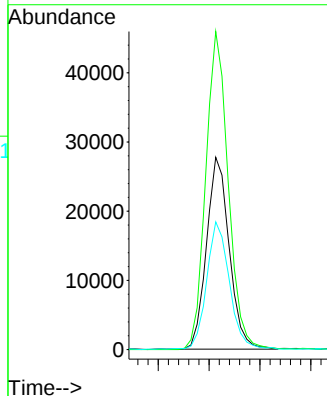
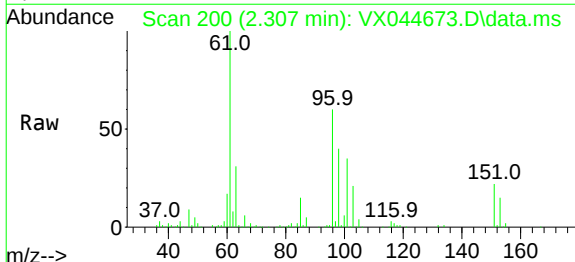
Manual Integrations
APPROVED

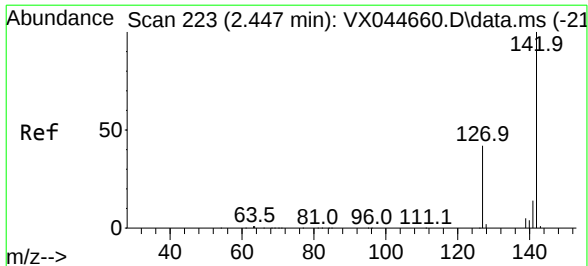
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 18.344 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

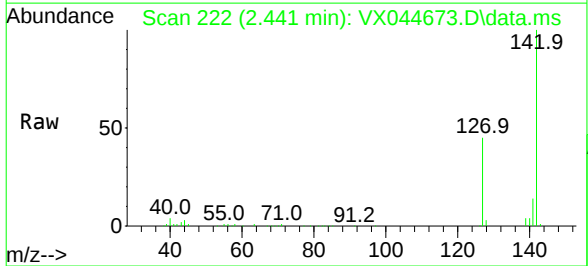
Tgt Ion: 96 Resp: 43032
Ion Ratio Lower Upper
96 100
61 165.8 121.6 182.4
98 66.2 50.3 75.5





#11
Methyl Iodide
Concen: 16.043 ug/l
RT: 2.441 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

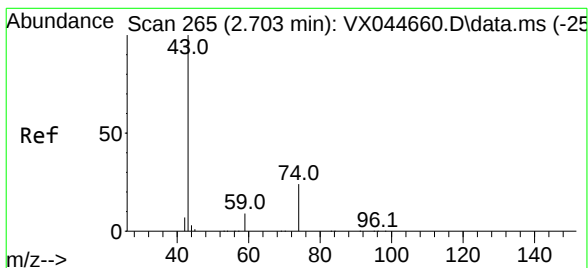
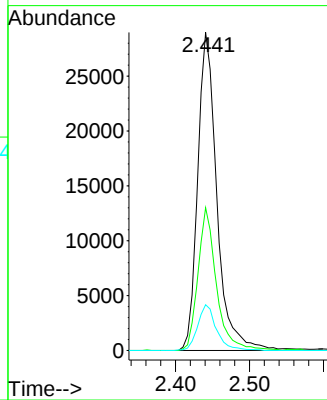
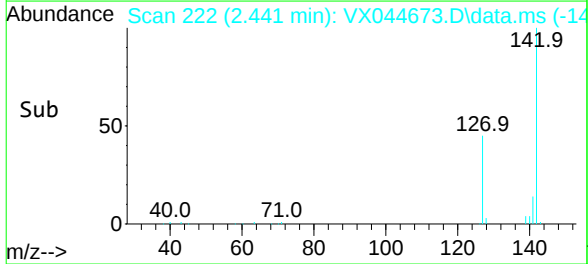
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 142 Resp: 52153
Ion Ratio Lower Upper
142 100
127 44.9 20.8 62.4
141 14.3 7.0 20.9

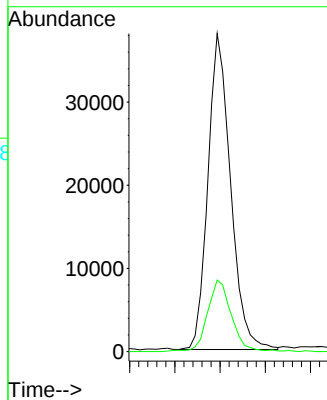
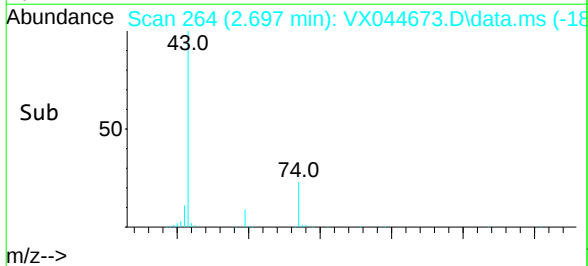
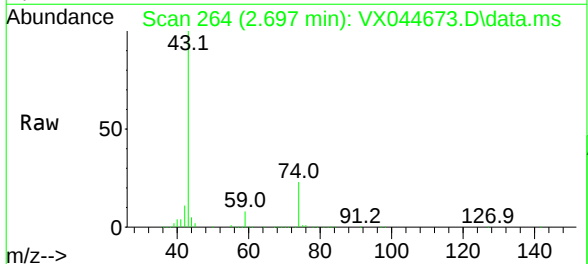
Manual Integrations
APPROVED

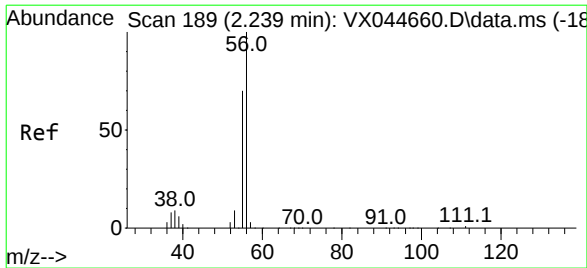
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 19.318 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 43 Resp: 66160
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





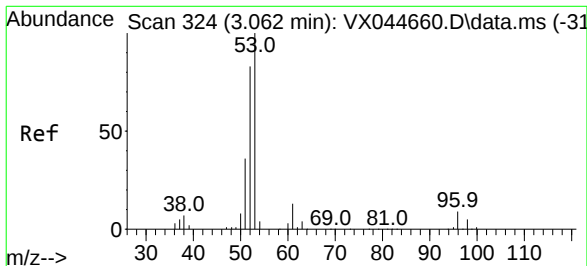
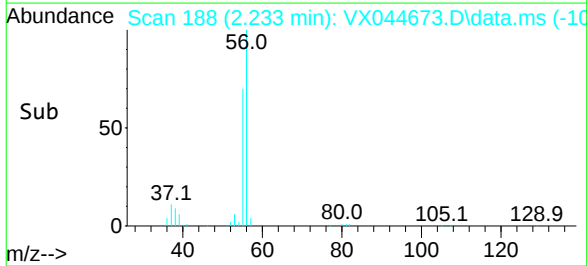
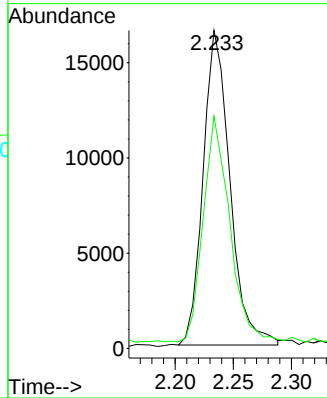
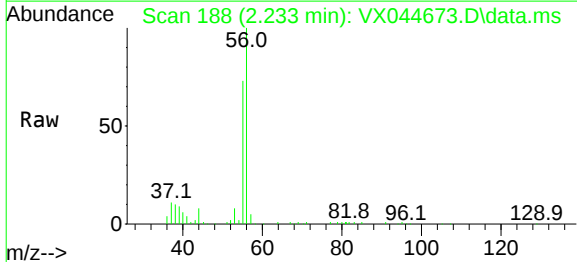
#13
Acrolein
Concen: 70.033 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 26525
Ion Ratio Lower Upper
56 100
55 72.0 57.5 86.3

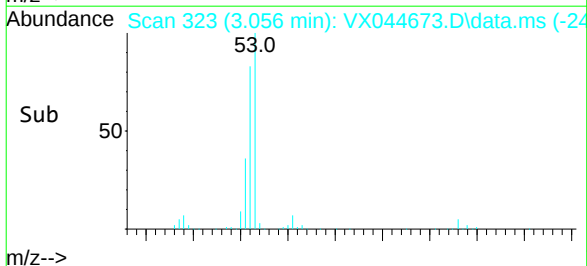
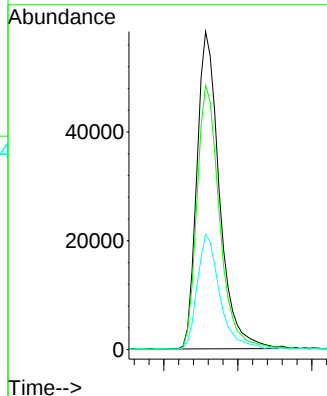
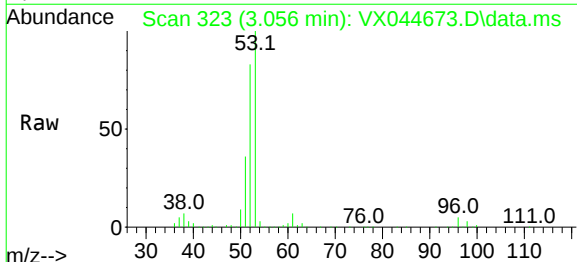
Manual Integrations
APPROVED

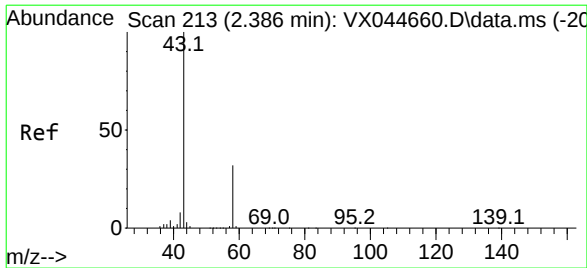
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#14
Acrylonitrile
Concen: 98.817 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 53 Resp: 123322
Ion Ratio Lower Upper
53 100
52 84.1 41.4 124.2
51 35.9 18.1 54.4





#15

Acetone

Concen: 96.738 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 32395

Ion Ratio Lower Upper

58 100

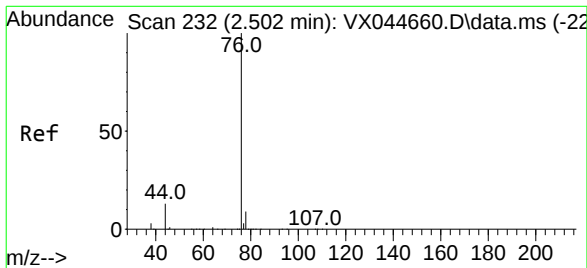
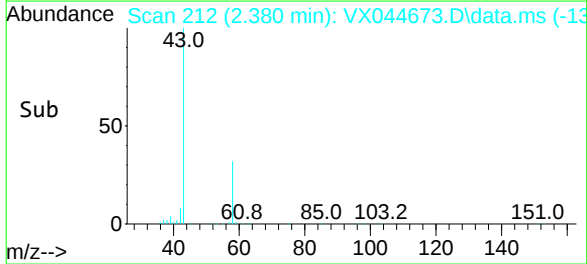
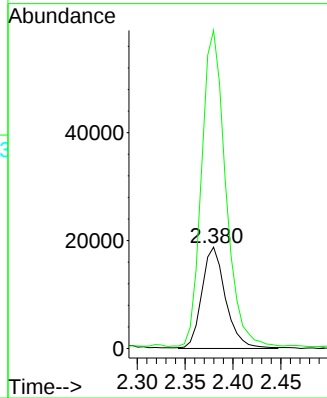
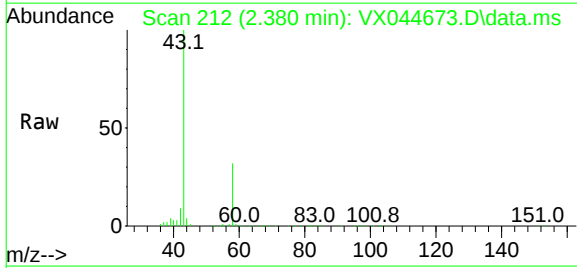
43 313.8 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#16

Carbon Disulfide

Concen: 18.931 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044673.D

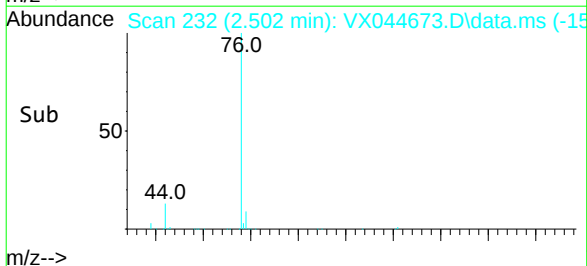
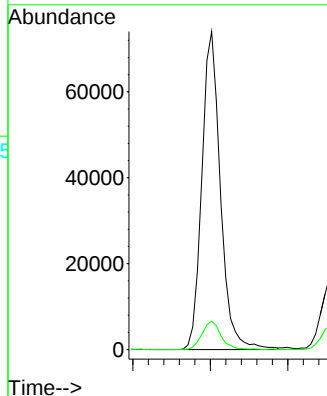
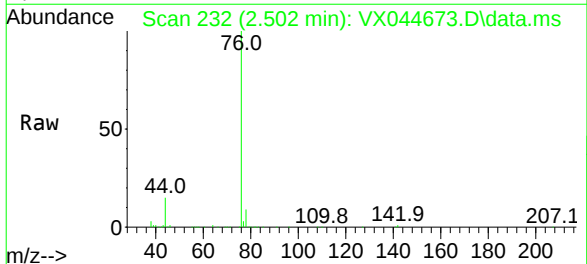
Acq: 16 Jan 2025 16:04

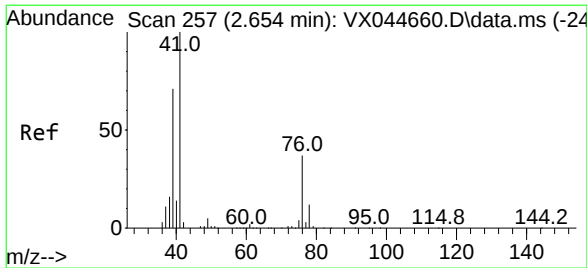
Tgt Ion: 76 Resp: 123419

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





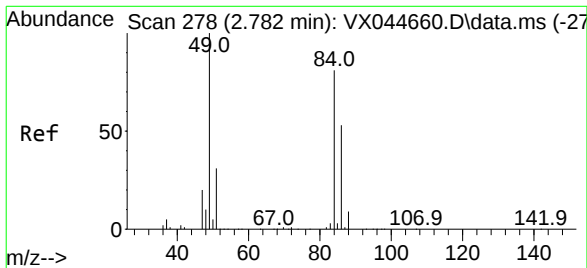
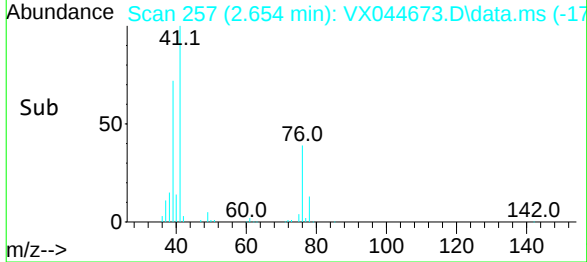
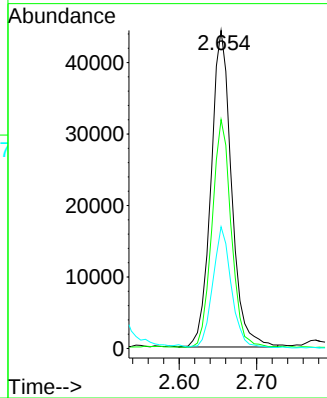
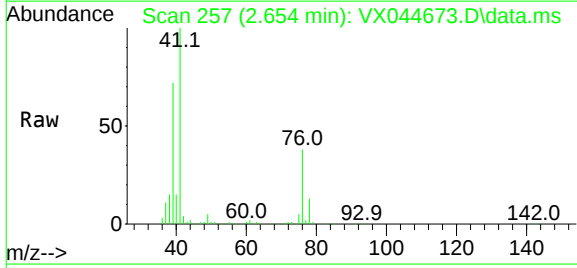
#17
 Allyl chloride
 Concen: 19.325 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	41	Resp:	81756
Ion	Ratio	Lower	Upper
41	100		
39	71.8	35.6	106.8
76	38.1	18.9	56.5

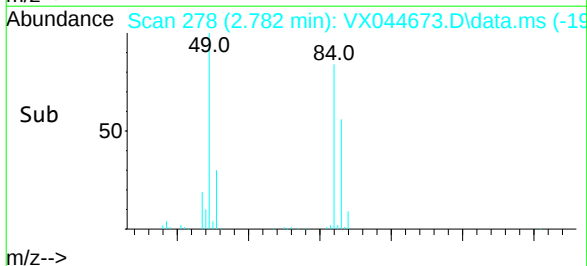
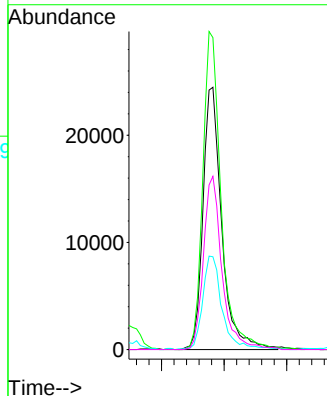
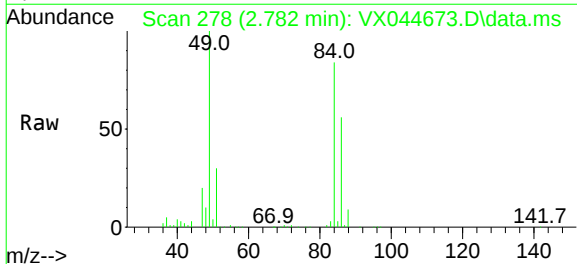
Manual Integrations
 APPROVED

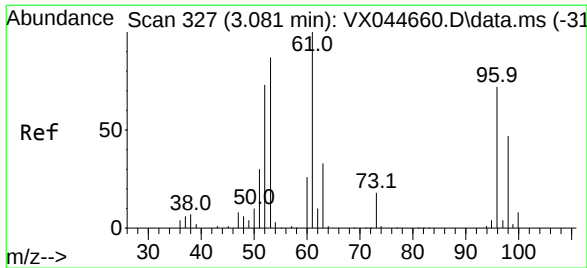
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#18
 Methylene Chloride
 Concen: 19.422 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

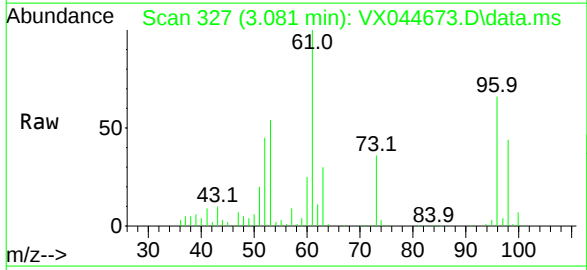
Tgt Ion:	84	Resp:	50990
Ion	Ratio	Lower	Upper
84	100		
49	118.9	98.3	147.5
51	35.1	30.6	46.0
86	66.0	52.6	78.8





#19
trans-1,2-Dichloroethene
Concen: 19.215 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

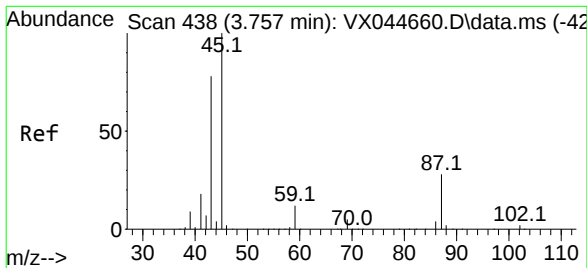
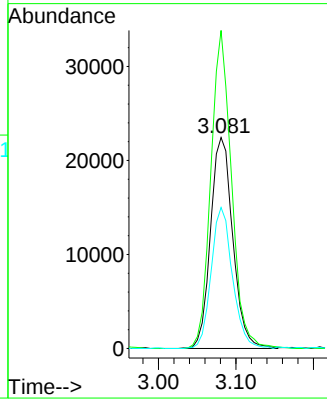
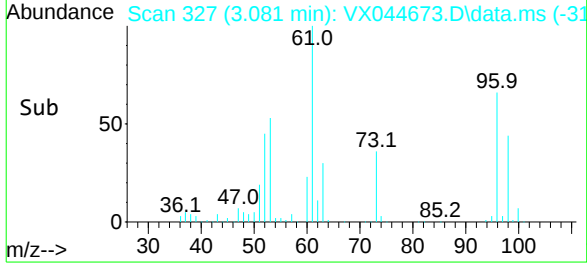
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



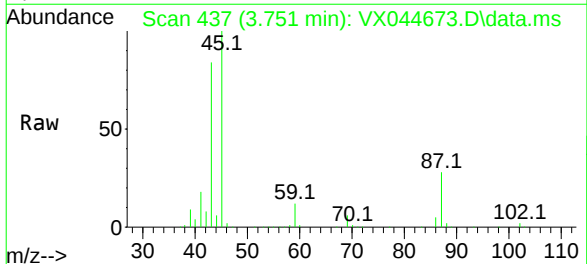
Tgt Ion: 96 Resp: 44821
Ion Ratio Lower Upper
96 100
61 150.8 111.5 167.3
98 66.8 52.6 79.0

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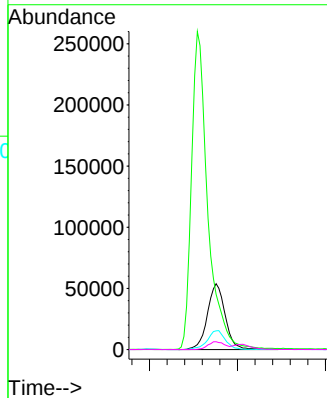
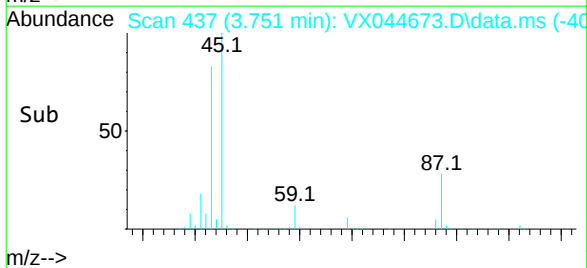
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

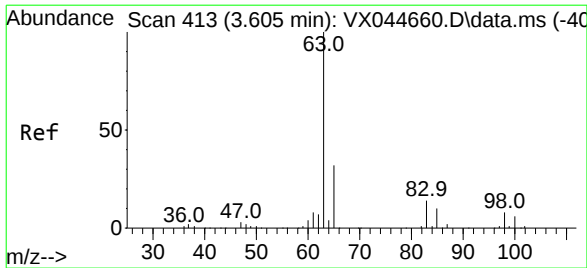


#20
Diisopropyl ether
Concen: 19.720 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



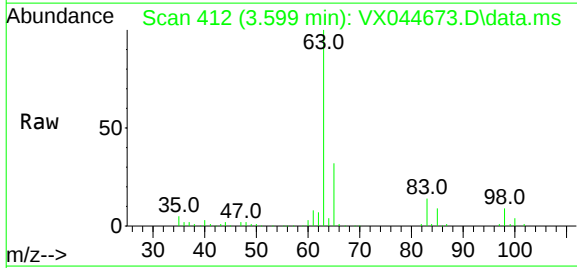
Tgt Ion: 45 Resp: 151426
Ion Ratio Lower Upper
45 100
43 82.7 62.6 94.0
87 28.4 22.7 34.1
59 11.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 18.750 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

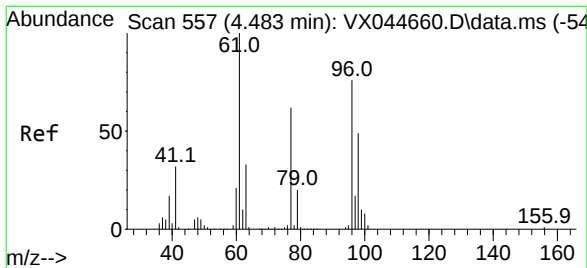
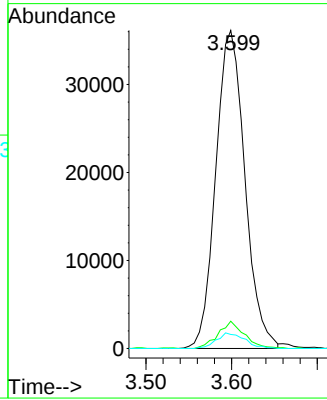
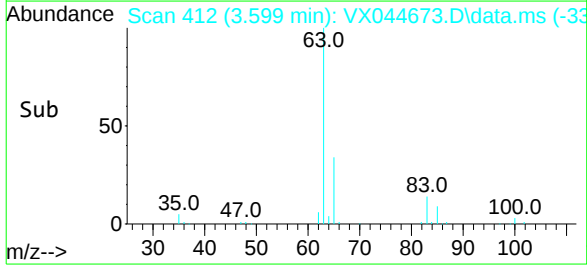
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



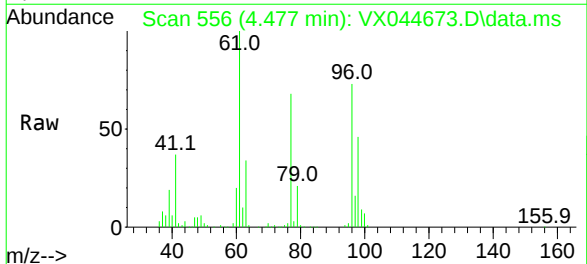
Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.6	4.0	11.9
100	4.4	2.8	8.3

Manual Integrations
APPROVED

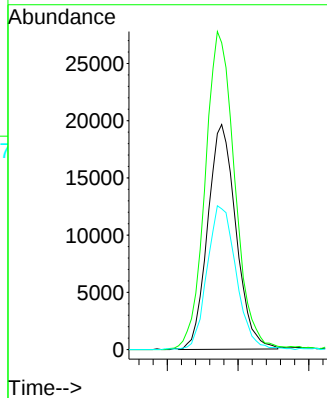
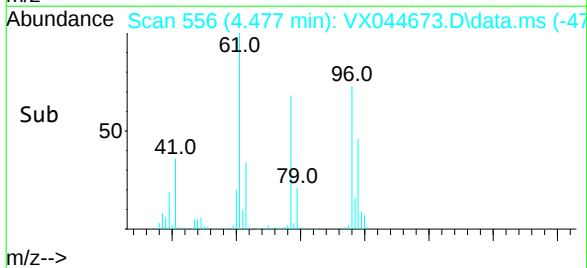
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

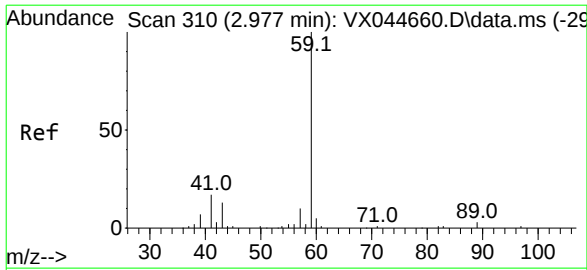


#22
cis-1,2-Dichloroethene
Concen: 18.914 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	115.2	172.8
98	64.6	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 104.625 ug/l m

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion: 59 Resp: 63153

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#

Instrument :

MSVOA_X

ClientSampleId :

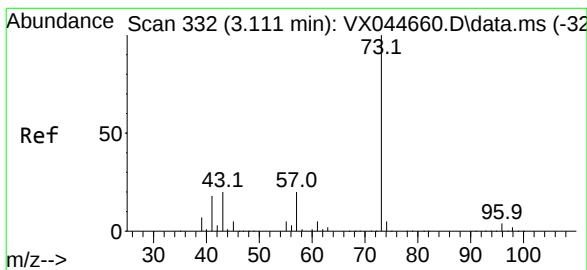
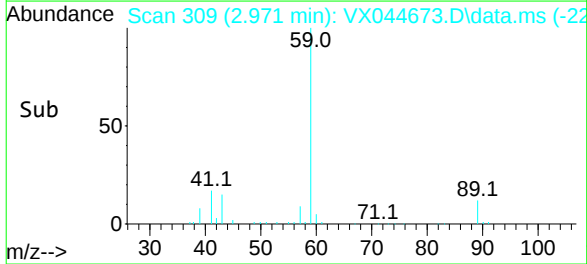
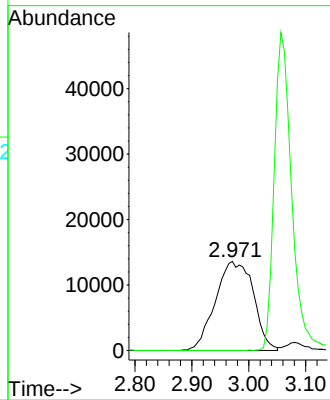
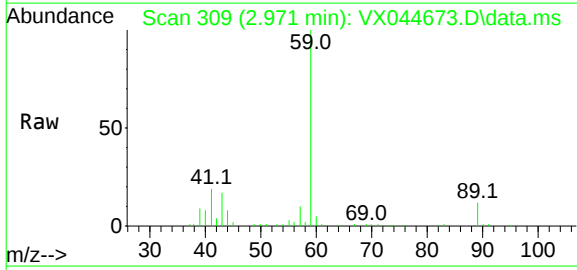
VSTDCCC020EC

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#24

Methyl tert-Butyl Ether

Concen: 19.371 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX044673.D

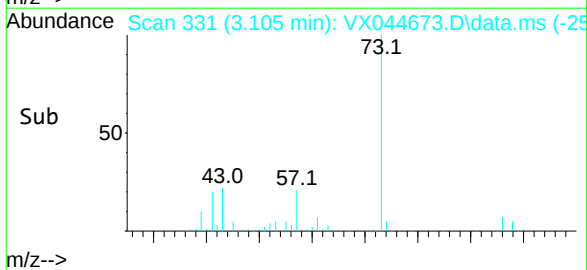
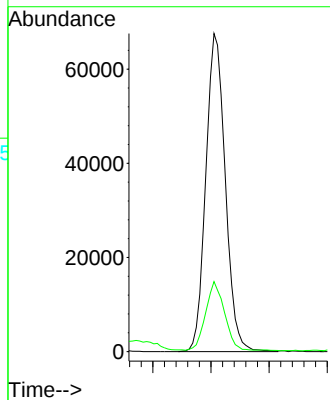
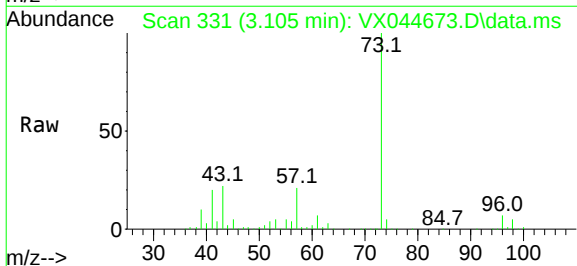
Acq: 16 Jan 2025 16:04

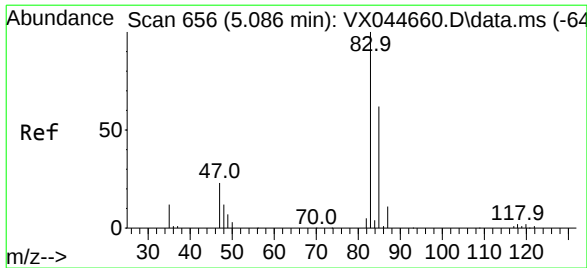
Tgt Ion: 73 Resp: 157454

Ion Ratio Lower Upper

73 100

43 20.7 16.9 25.3





#25

Chloroform

Concen: 19.070 ug/l

RT: 5.074 min Scan# 65

Delta R.T. -0.012 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 86312

Ion Ratio Lower Upper

83 100

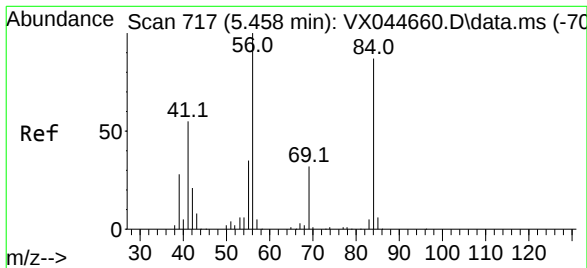
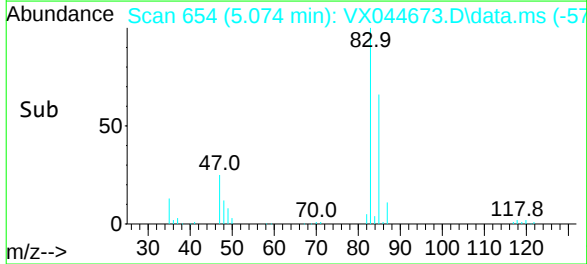
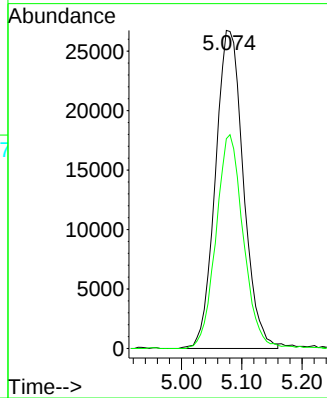
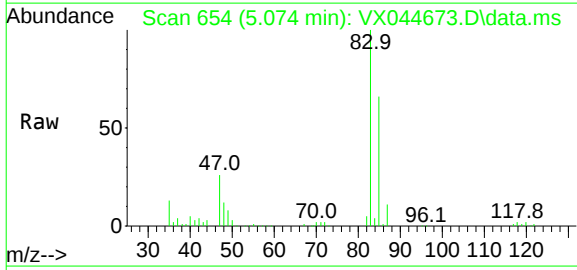
85 66.0 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#26

Cyclohexane

Concen: 19.717 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

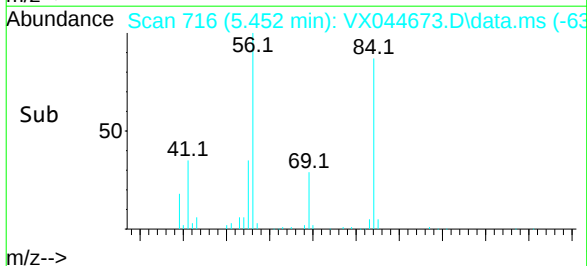
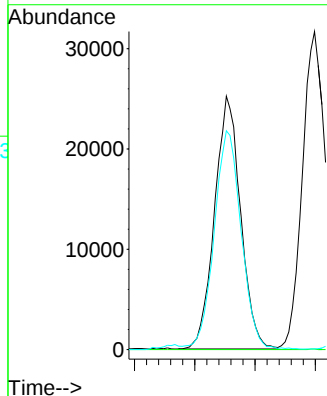
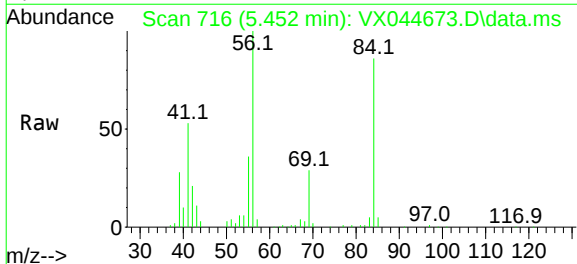
Tgt Ion: 56 Resp: 75485

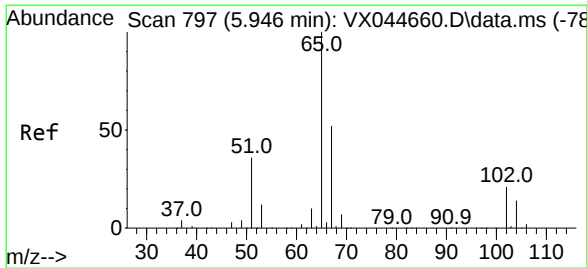
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.5 72.2 108.4





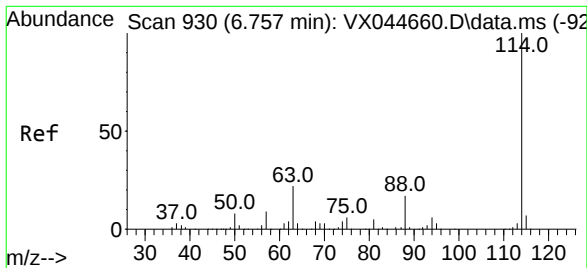
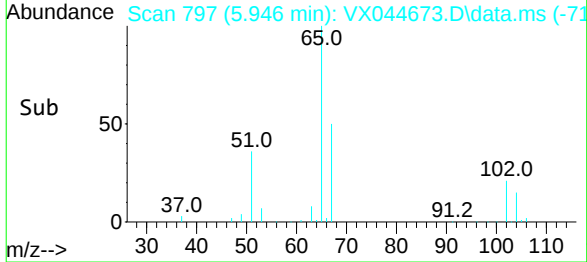
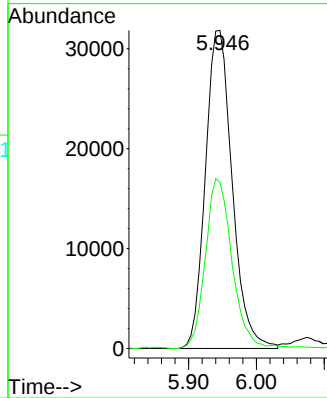
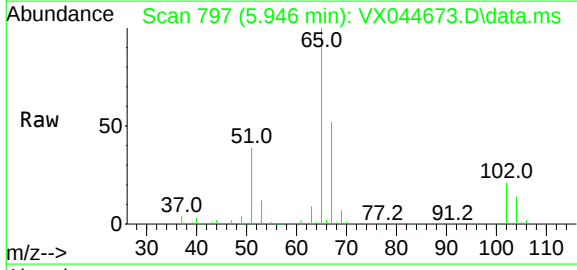
#27
1,2-Dichloroethane-d4
Concen: 28.481 ug/l
RT: 5.946 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 87326
Ion Ratio Lower Upper
65 100
67 52.6 41.4 62.2

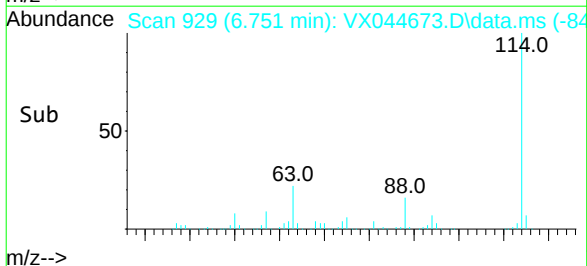
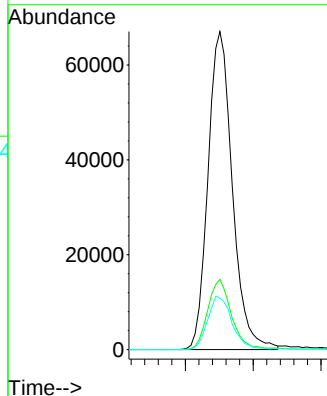
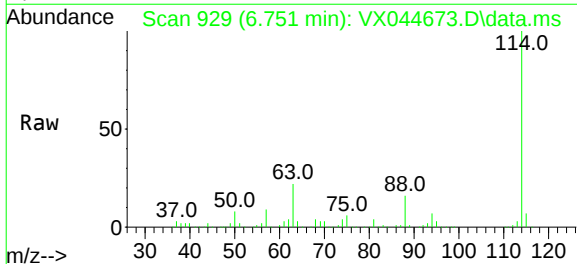
Manual Integrations
APPROVED

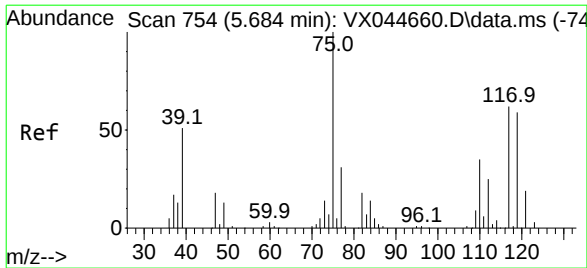
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

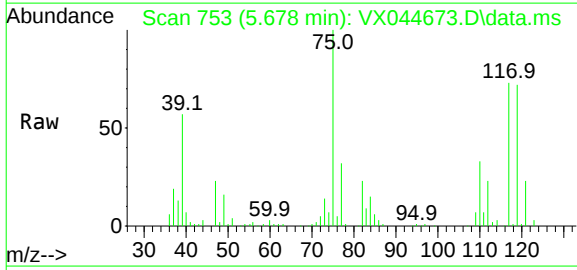
Tgt Ion:114 Resp: 167169
Ion Ratio Lower Upper
114 100
63 21.4 16.6 24.8
88 16.7 13.4 20.2





#29
1,1-Dichloropropene
Concen: 19.557 ug/l
RT: 5.678 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

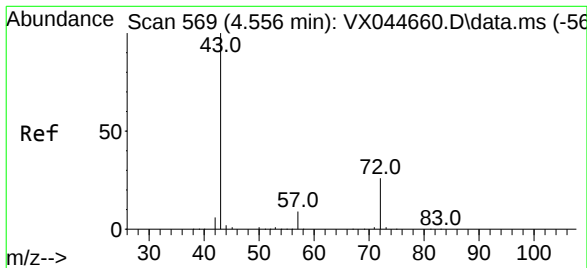
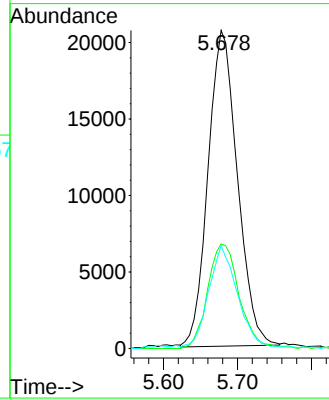
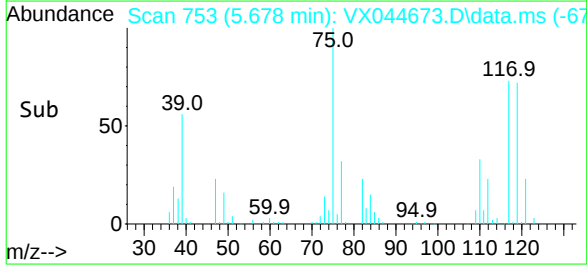
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 56865
Ion Ratio Lower Upper
75 100
110 35.3 0.0 69.4
77 32.3 0.0 59.8

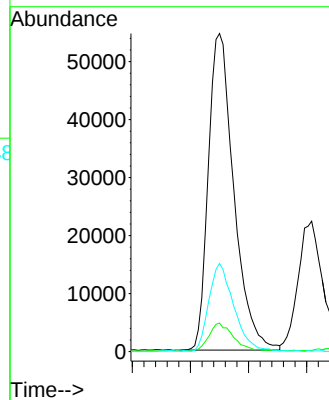
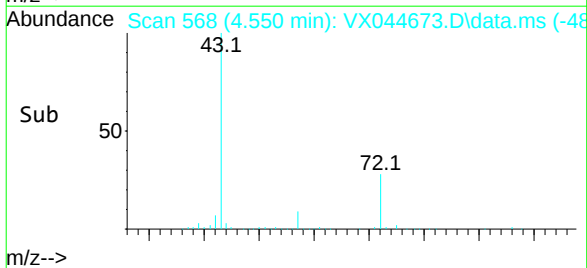
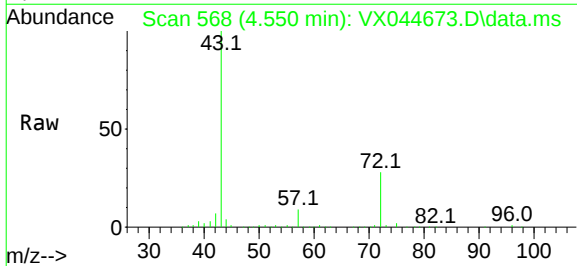
Manual Integrations
APPROVED

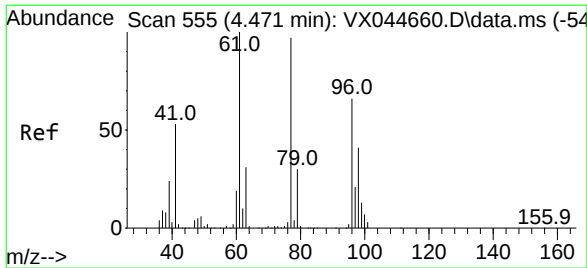
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
2-Butanone
Concen: 104.202 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

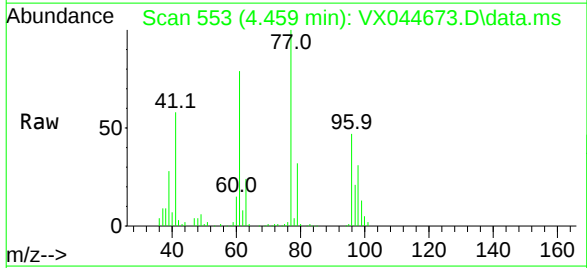
Tgt Ion: 43 Resp: 166438
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 27.4 21.5 32.3





#31
2,2-Dichloropropane
Concen: 19.830 ug/l
RT: 4.459 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

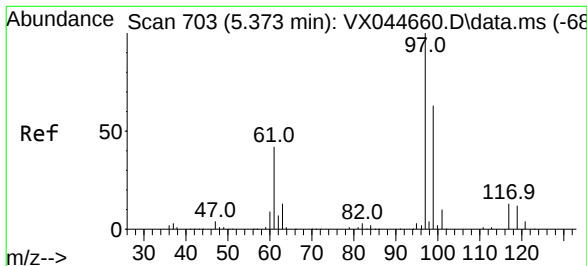
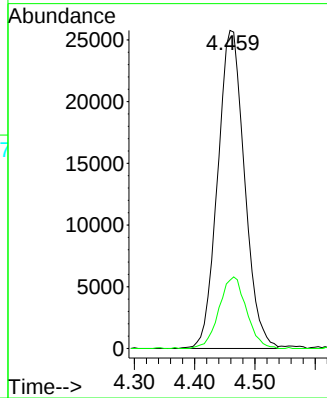
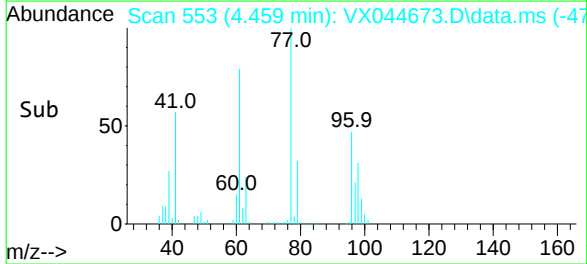
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 79796
Ion Ratio Lower Upper
77 100
97 22.9 18.6 27.8

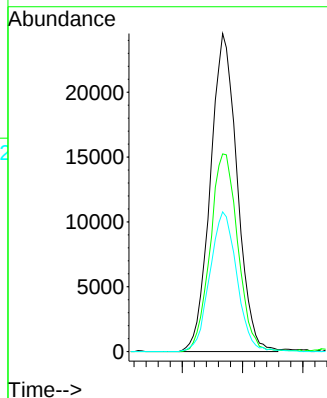
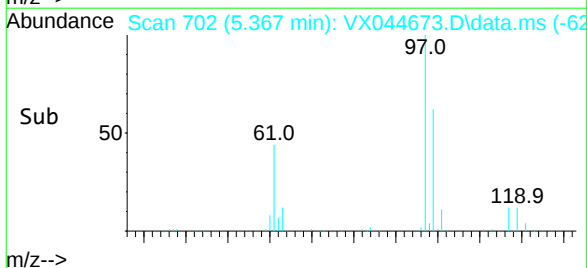
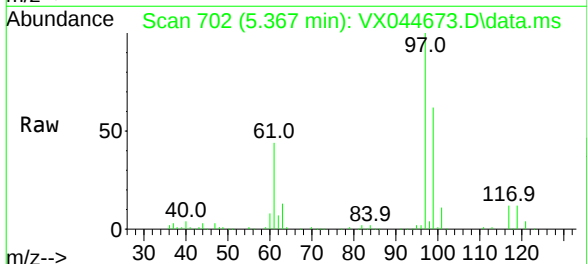
Manual Integrations
APPROVED

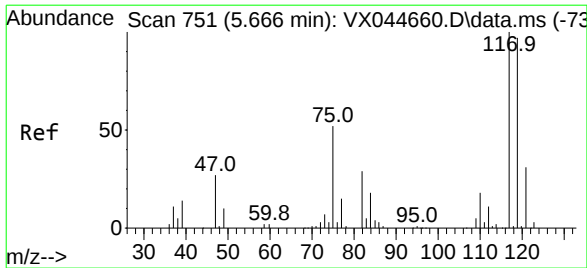
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#32
1,1,1-Trichloroethane
Concen: 19.679 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

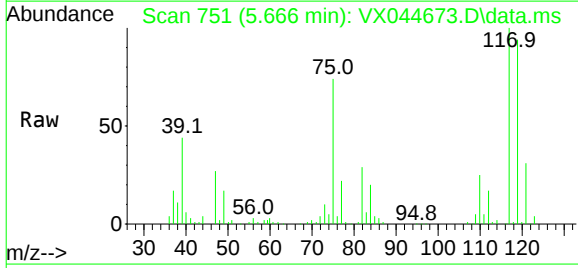
Tgt Ion: 97 Resp: 75830
Ion Ratio Lower Upper
97 100
99 64.0 50.5 75.7
61 44.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.601 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

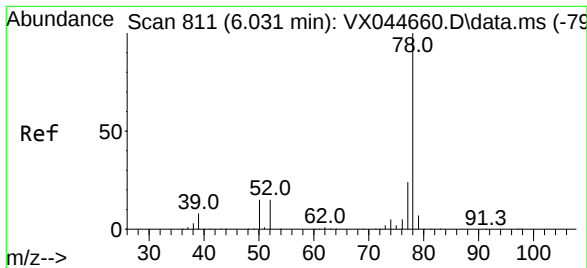
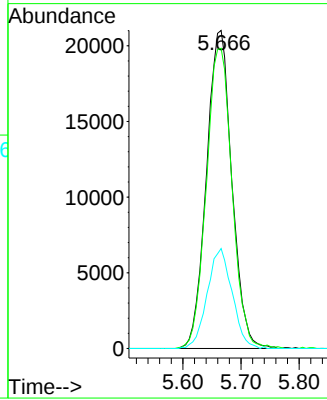
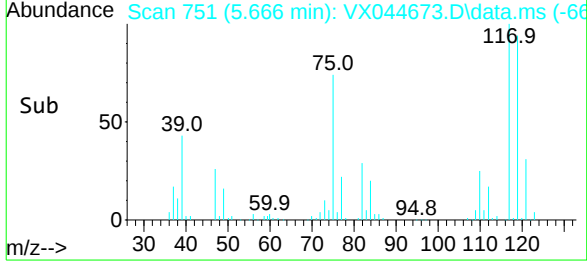
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 63715
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 31.4 24.6 37.0

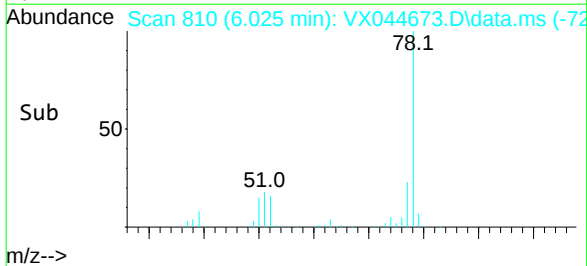
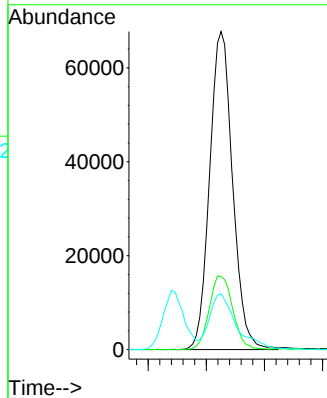
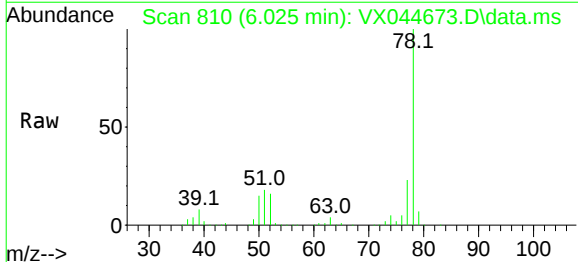
Manual Integrations
APPROVED

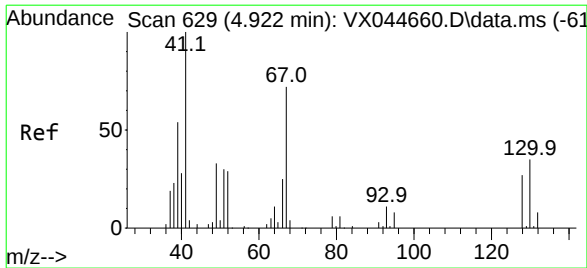
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#34
Benzene
Concen: 20.049 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 78 Resp: 185995
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 17.1 12.7 19.1





#35
Methacrylonitrile
Concen: 20.300 ug/l
RT: 4.904 min Scan# 62
Delta R.T. -0.018 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

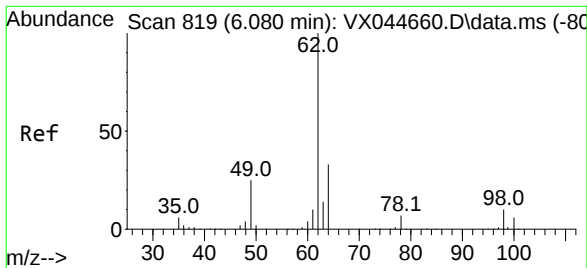
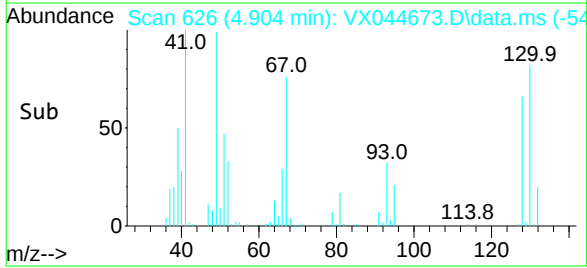
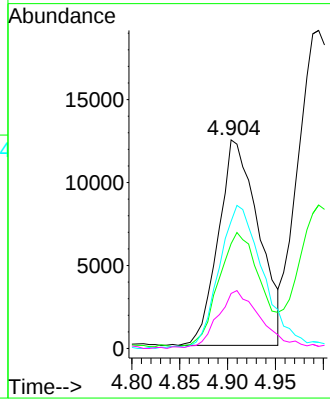
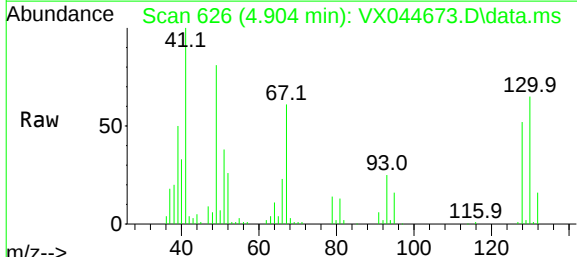
VSTDCCC020EC

Tgt Ion: 41 Resp: 36238
Ion Ratio Lower Upper
41 100
39 50.0 27.1 81.3
67 60.8 35.8 107.4
52 26.1 14.4 43.2

Manual Integrations

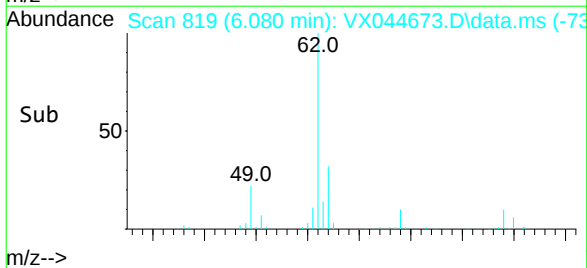
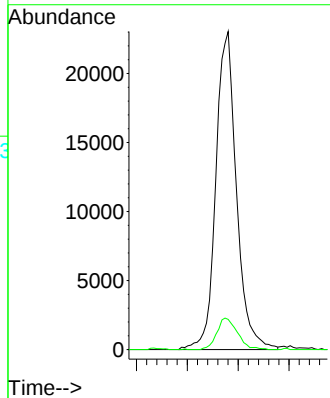
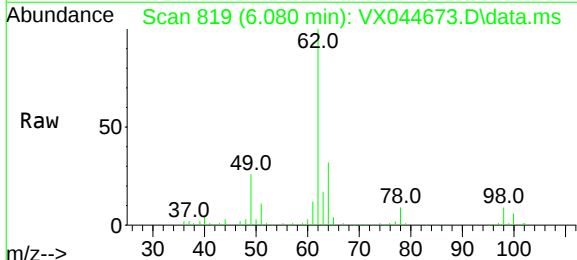
APPROVED

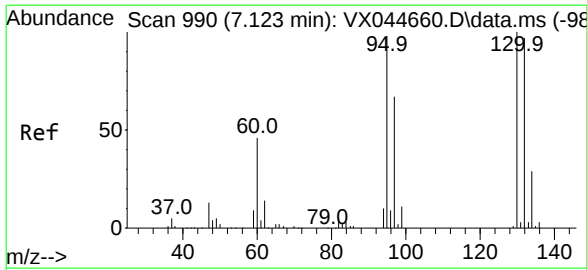
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#36
1,2-Dichloroethane
Concen: 19.606 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

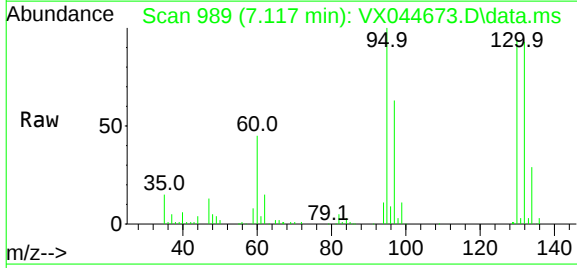
Tgt Ion: 62 Resp: 65030
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#37
Trichloroethene
Concen: 19.452 ug/l
RT: 7.117 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

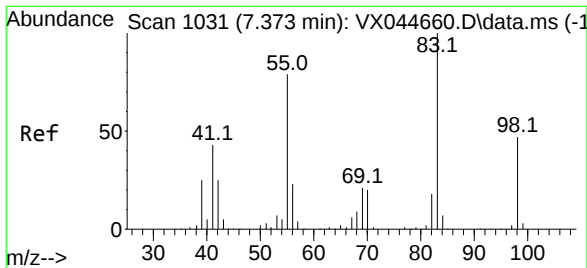
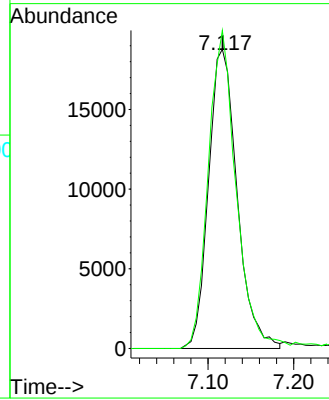
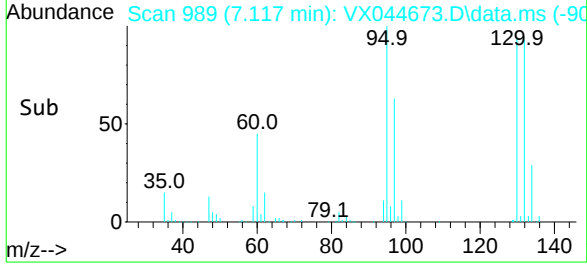
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 43568
Ion Ratio Lower Upper
130 100
95 106.3 78.2 117.4

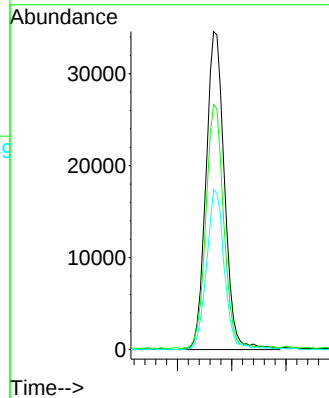
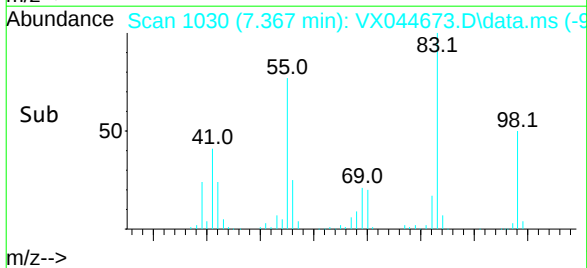
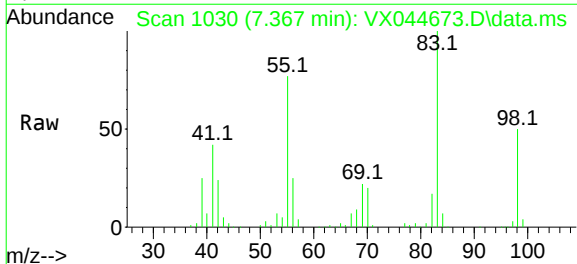
Manual Integrations
APPROVED

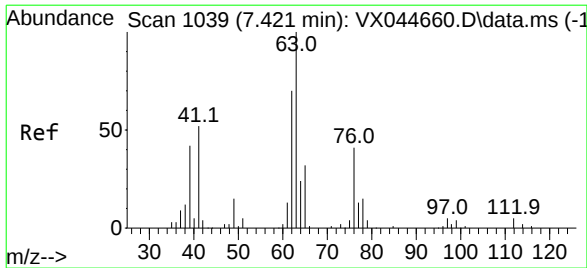
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 20.772 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

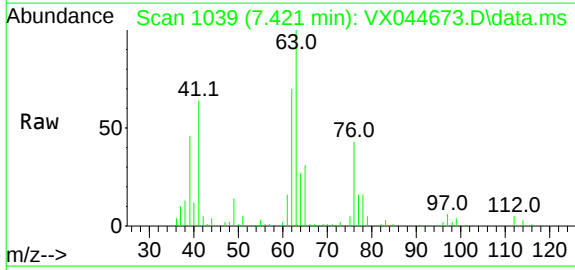
Tgt Ion: 83 Resp: 82064
Ion Ratio Lower Upper
83 100
55 73.7 38.4 115.2
98 47.9 24.4 73.4





#39
1,2-Dichloropropane
Concen: 19.791 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

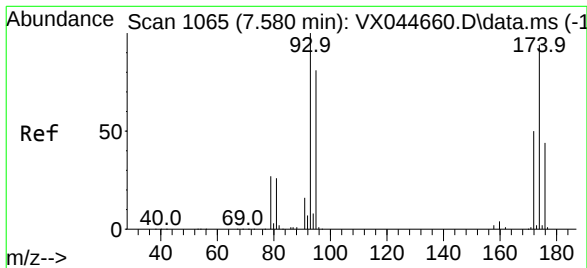
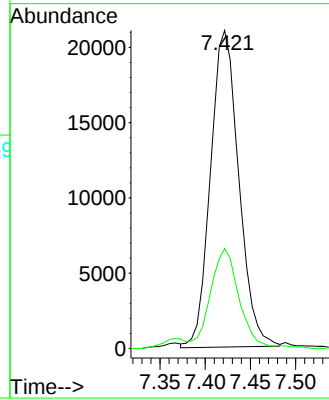
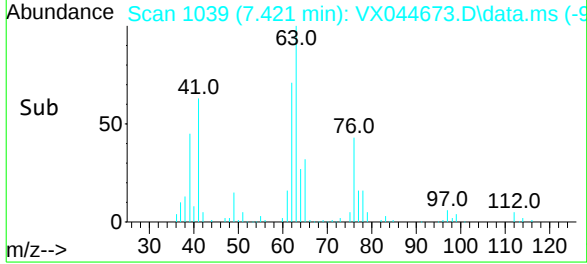
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 45783
Ion Ratio Lower Upper
63 100
65 30.9 25.5 38.3

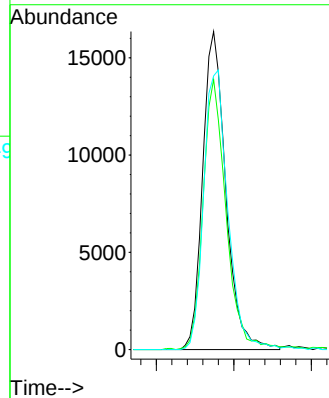
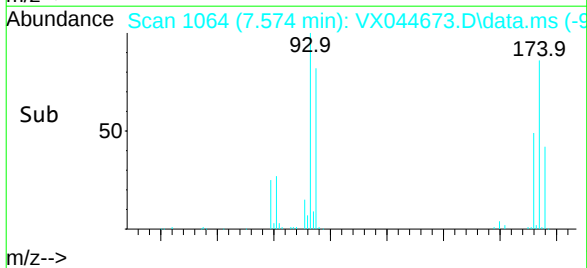
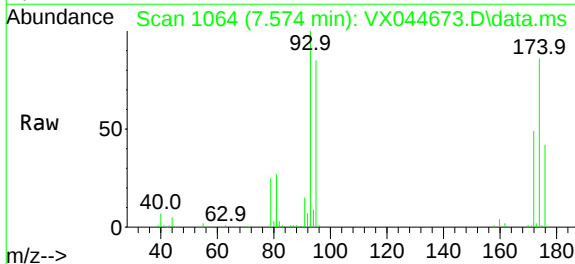
Manual Integrations
APPROVED

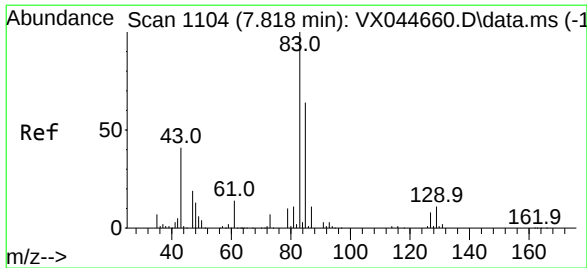
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#40
Dibromomethane
Concen: 19.744 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 93 Resp: 33957
Ion Ratio Lower Upper
93 100
95 82.1 0.0 167.0
174 91.4 0.0 182.0





#41

Bromodichloromethane

Concen: 19.393 ug/l

RT: 7.812 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

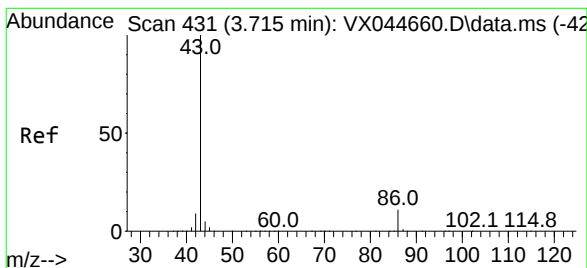
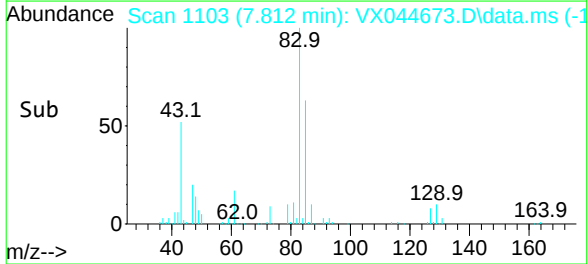
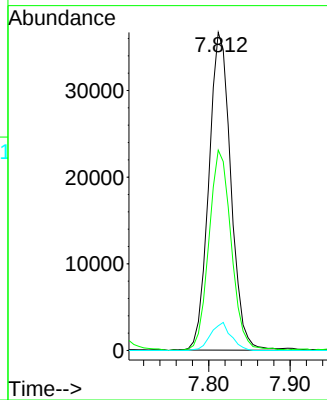
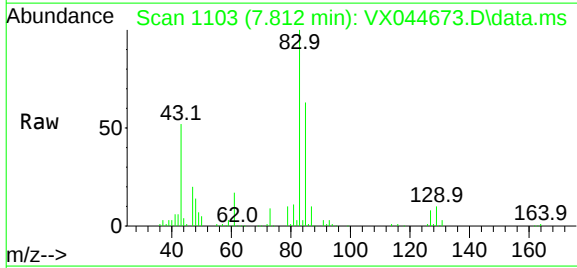
VSTDCCC020EC

Tgt Ion:	83	Resp:	68866
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	7.8	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: 105.289 ug/l

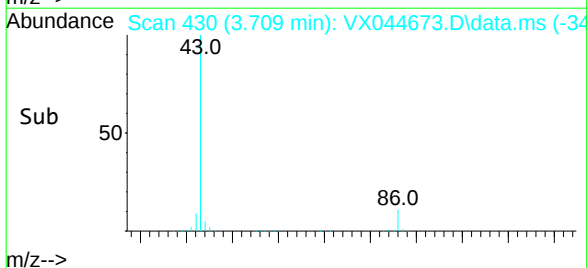
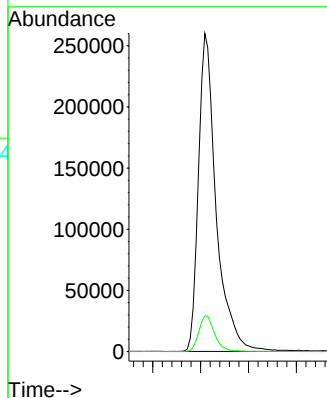
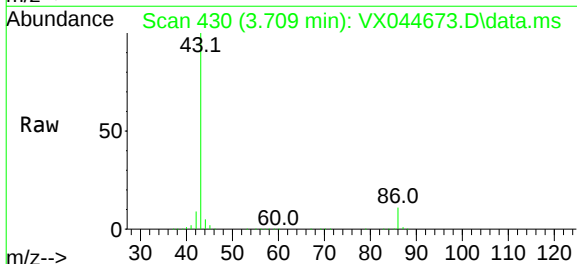
RT: 3.709 min Scan# 430

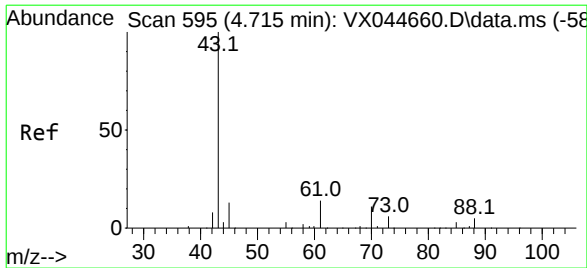
Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:	43	Resp:	667881
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.0	12.0





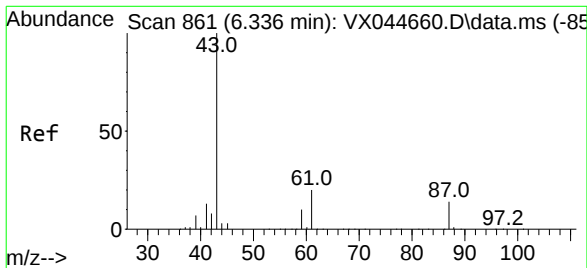
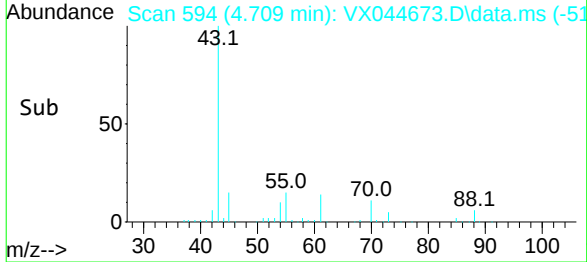
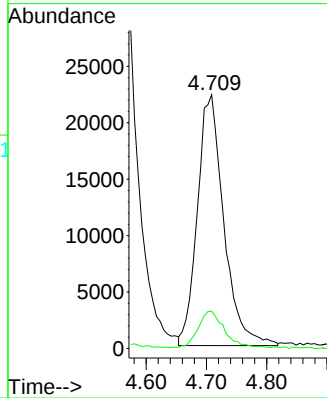
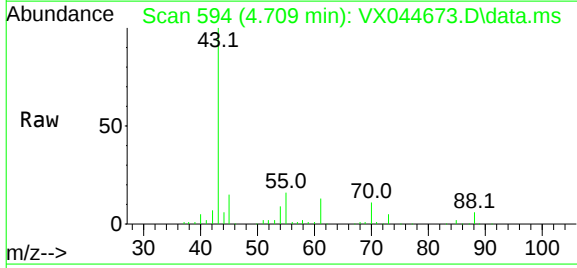
#43
Ethyl Acetate
Concen: 21.625 ug/l
RT: 4.709 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 67755
Ion Ratio Lower Upper
43 100
45 14.6 0.1 0.1#

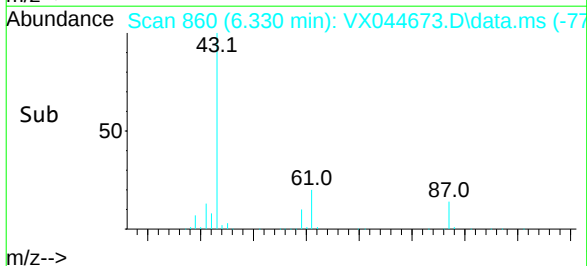
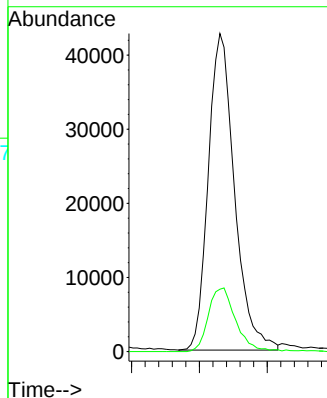
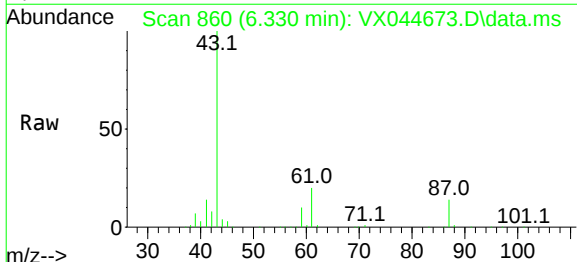
Manual Integrations
APPROVED

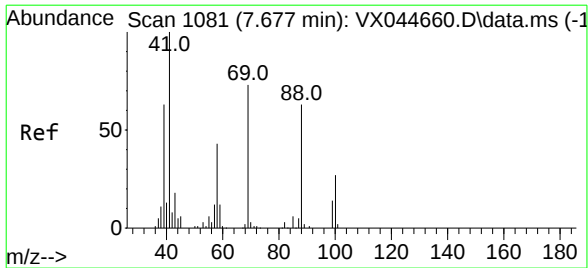
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#44
Isopropyl Acetate
Concen: 20.408 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

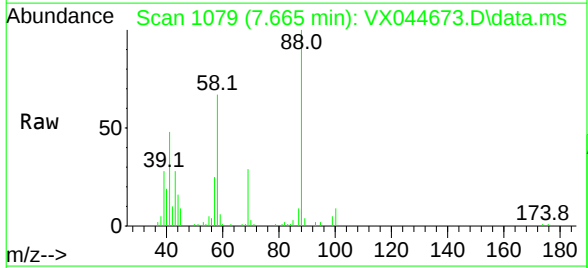
Tgt Ion: 43 Resp: 114877
Ion Ratio Lower Upper
43 100
61 20.5 16.2 24.4





#45
1,4-Dioxane
Concen: 373.825 ug/l
RT: 7.665 min Scan# 1081
Delta R.T. -0.012 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

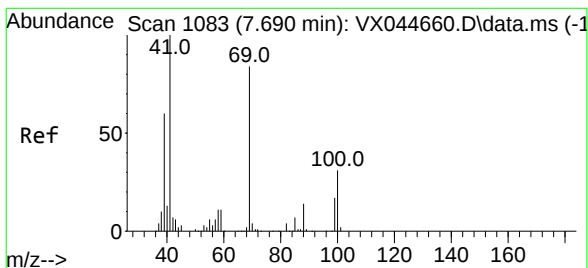
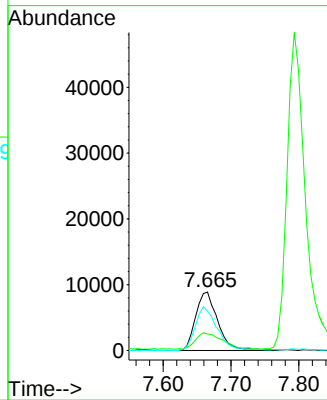
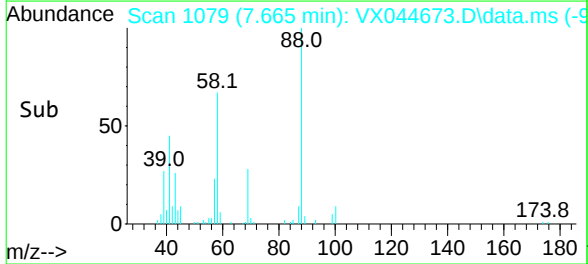
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 20037
Ion Ratio Lower Upper
88 100
43 32.3 25.9 38.9
58 72.7 58.9 88.3

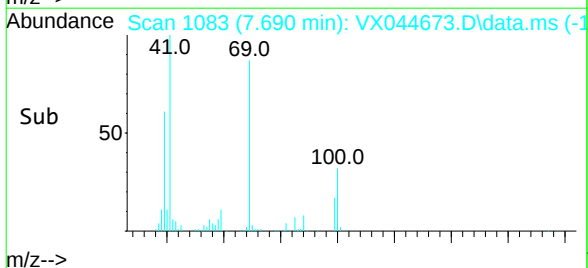
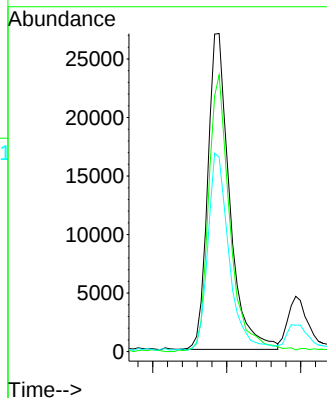
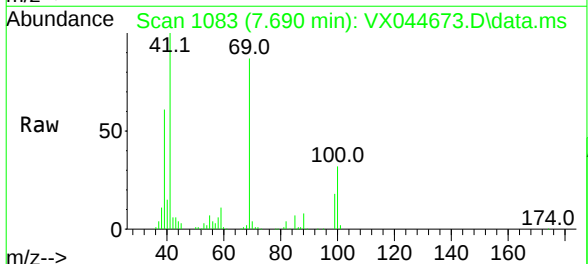
Manual Integrations
APPROVED

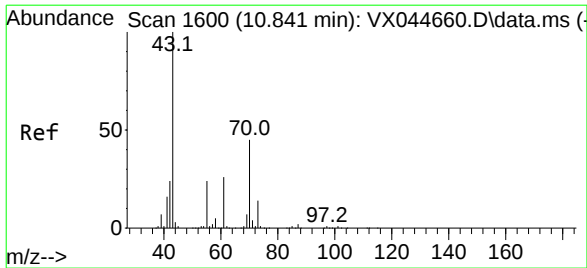
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Methyl methacrylate
Concen: 20.130 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 41 Resp: 55463
Ion Ratio Lower Upper
41 100
69 87.2 41.9 125.7
39 60.9 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.487 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 101504

Ion Ratio Lower Upper

43 100

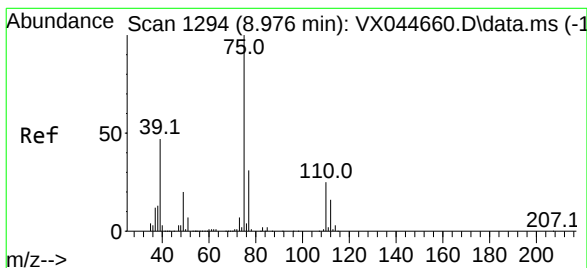
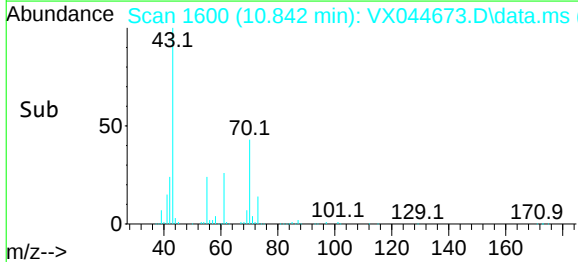
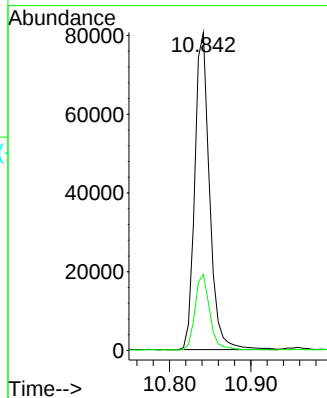
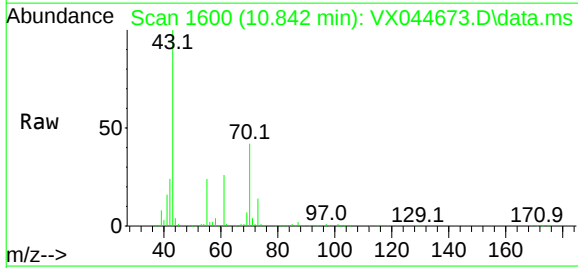
55 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#48

t-1,3-Dichloropropene

Concen: 19.869 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044673.D

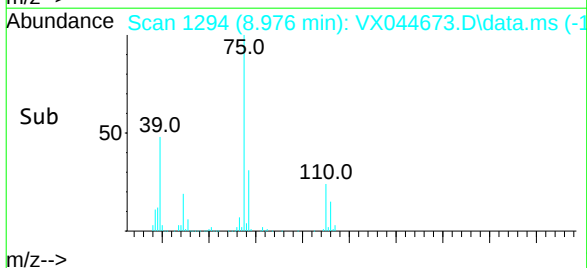
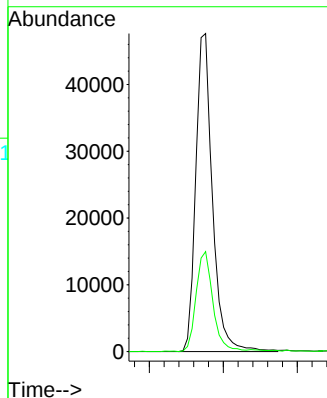
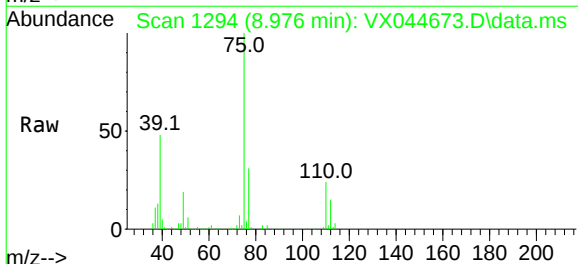
Acq: 16 Jan 2025 16:04

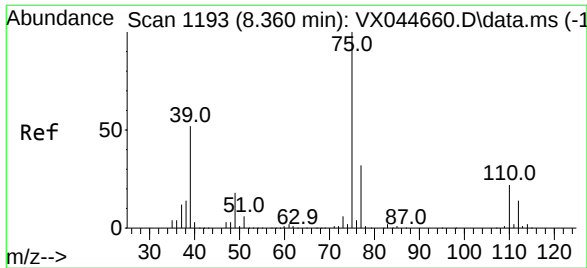
Tgt Ion: 75 Resp: 74474

Ion Ratio Lower Upper

75 100

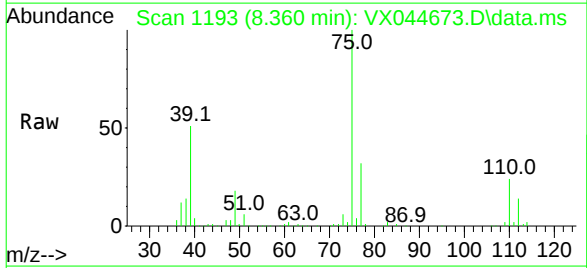
77 31.4 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 19.852 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

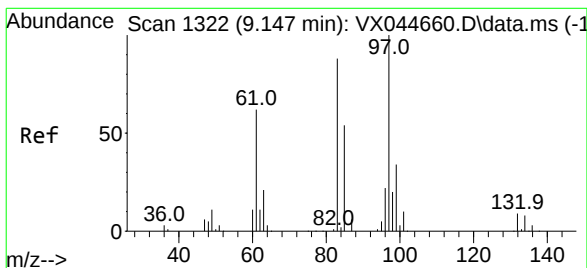
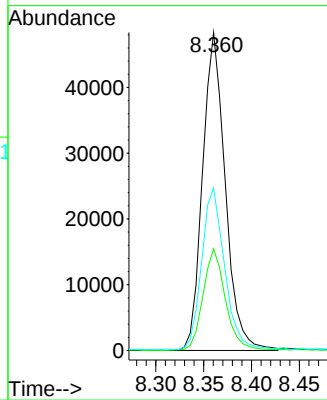
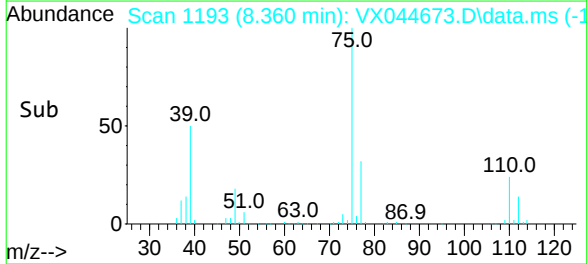
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 79796
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 50.7 41.4 62.0

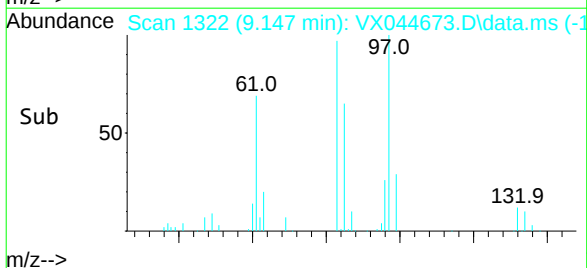
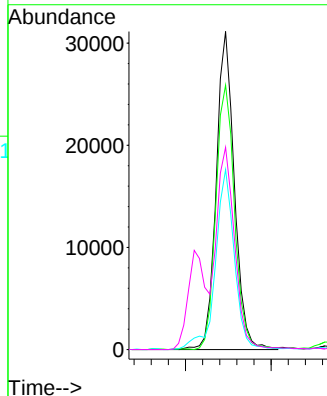
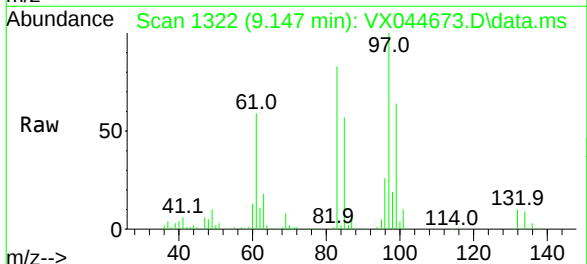
Manual Integrations
APPROVED

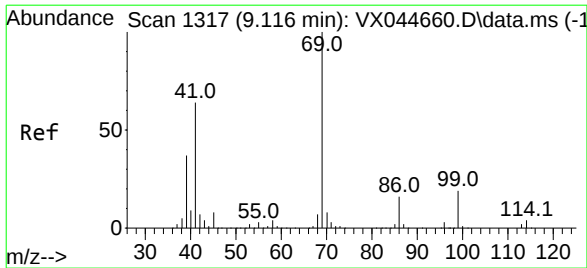
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#50
1,1,2-Trichloroethane
Concen: 20.701 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 97 Resp: 45852
Ion Ratio Lower Upper
97 100
83 82.9 69.2 103.8
85 56.3 44.8 67.2
99 63.0 52.1 78.1





#51

Ethyl methacrylate

Concen: 21.032 ug/l

RT: 9.110 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

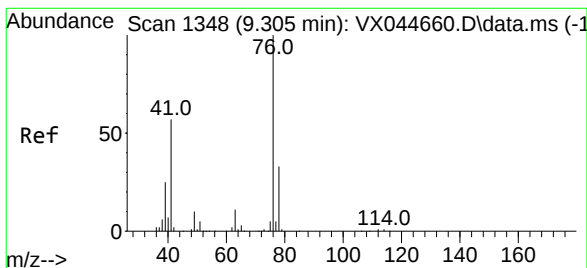
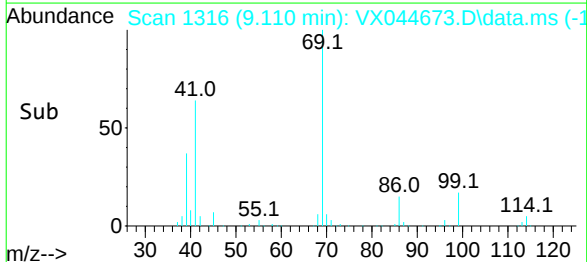
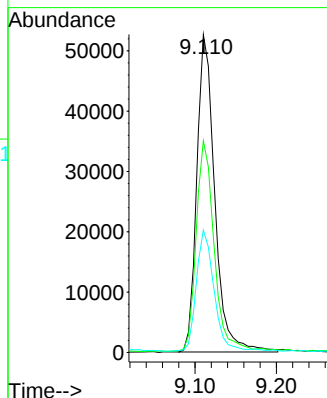
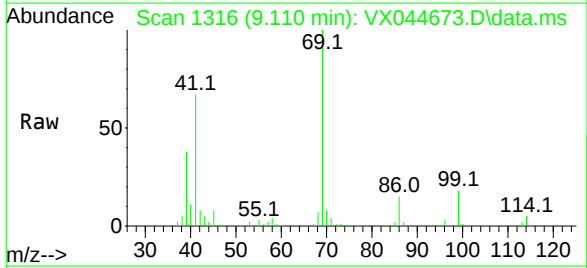
VSTDCCC020EC

Tgt Ion:	69	Resp:	80926
Ion	Ratio	Lower	Upper
69	100		
41	66.1	32.0	96.0
39	38.0	18.6	55.6

Manual Integrations

APPROVED

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



#52

1,3-Dichloropropane

Concen: 20.497 ug/l

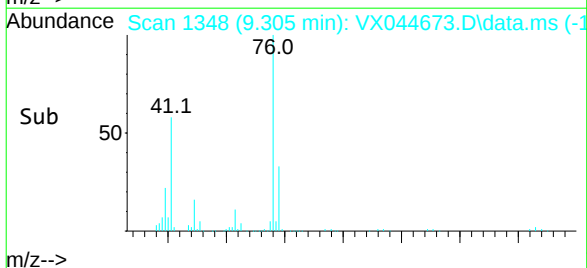
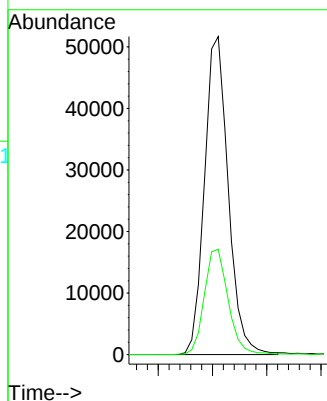
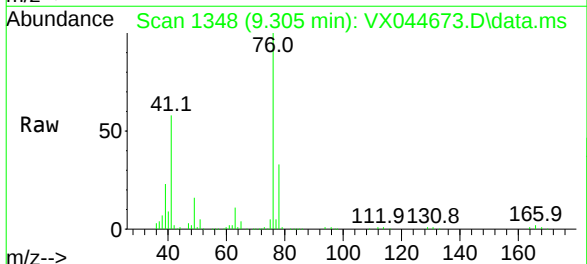
RT: 9.305 min Scan# 1348

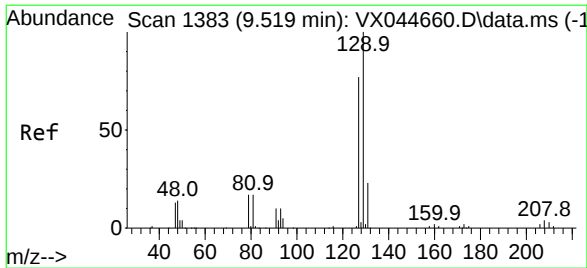
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

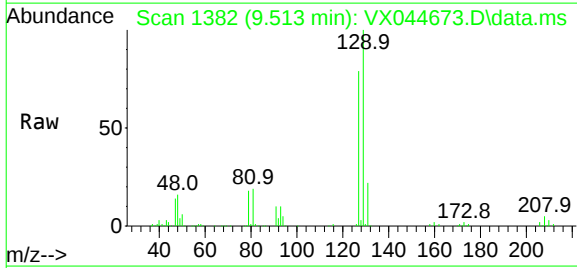
Tgt Ion:	76	Resp:	78523
Ion	Ratio	Lower	Upper
76	100		
78	33.4	0.0	64.0





#53
Dibromochloromethane
Concen: 19.782 ug/l
RT: 9.513 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

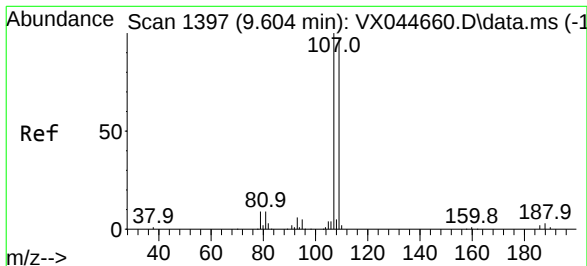
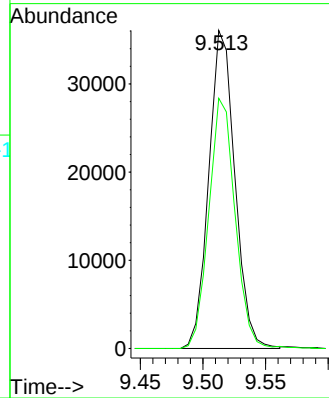
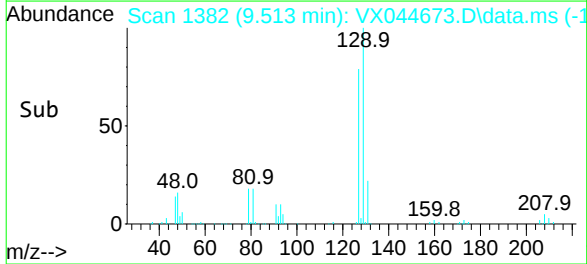
Instrument : MSVOA_X
ClientSampleId : VSTDCCC020EC



Tgt Ion:129 Resp: 52358
Ion Ratio Lower Upper
129 100
127 79.2 37.8 113.4

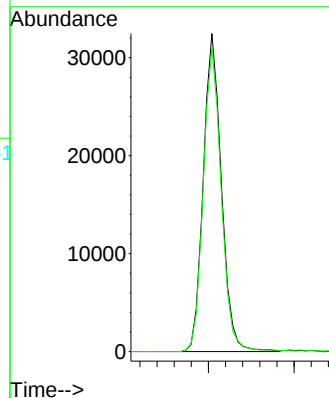
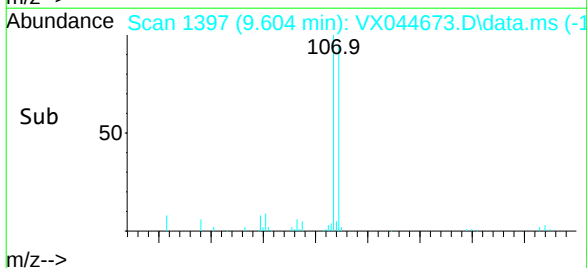
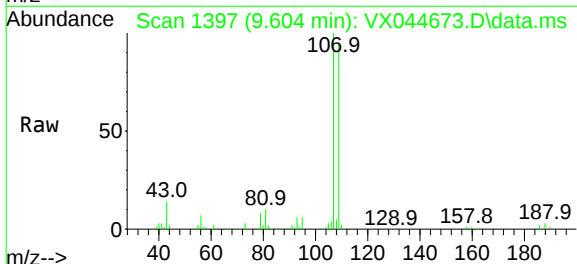
Manual Integrations
APPROVED

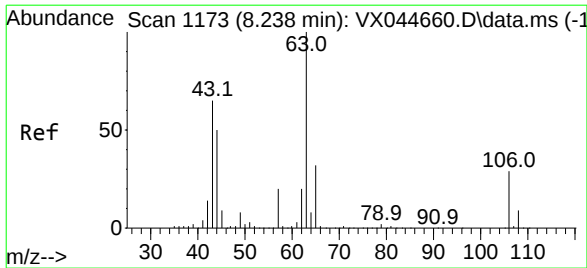
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#54
1,2-Dibromoethane
Concen: 20.361 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:107 Resp: 47675
Ion Ratio Lower Upper
107 100
109 95.0 75.5 113.3





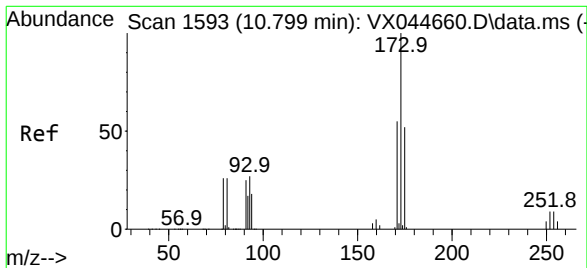
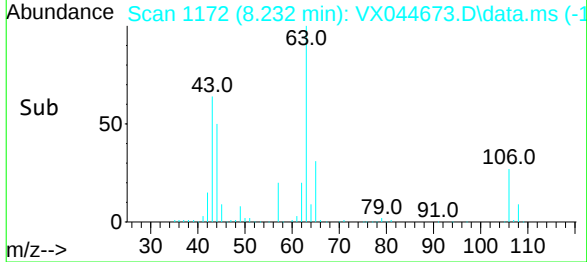
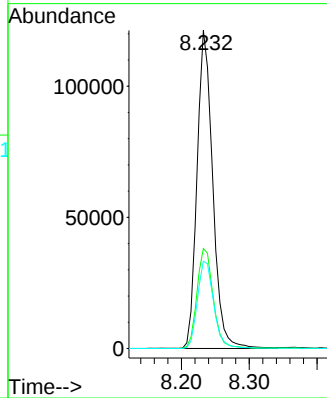
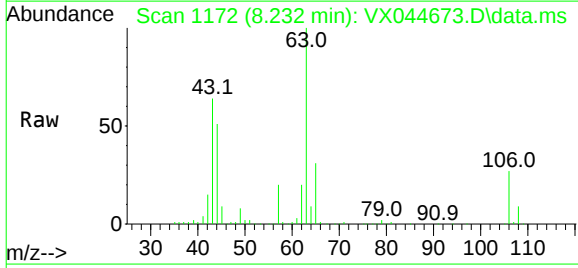
#55
2-Chloroethyl vinyl ether
Concen: 104.455 ug/l
RT: 8.232 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	63	Resp:	195017
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	28.4	23.1	34.7

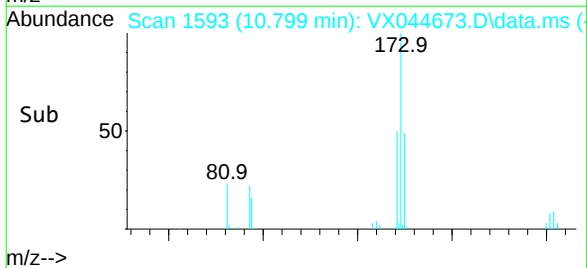
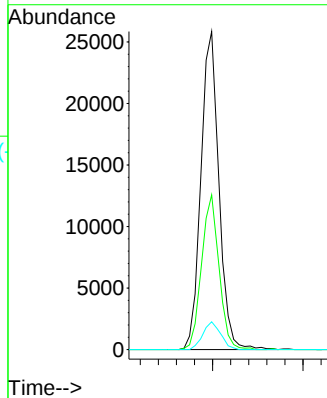
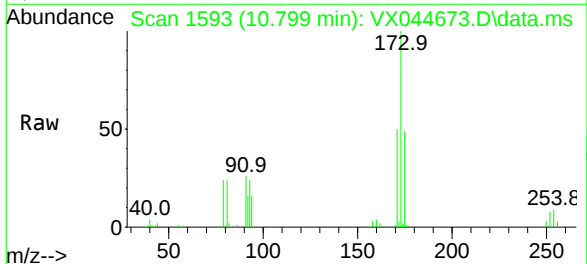
Manual Integrations
APPROVED

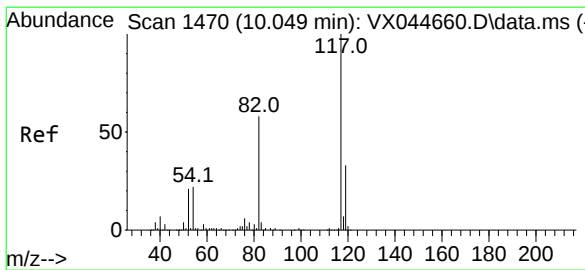
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#56
Bromoform
Concen: 20.352 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:	173	Resp:	35719
Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.0	58.6
254	8.7	6.5	9.7





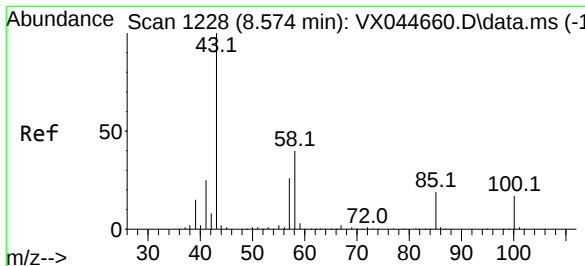
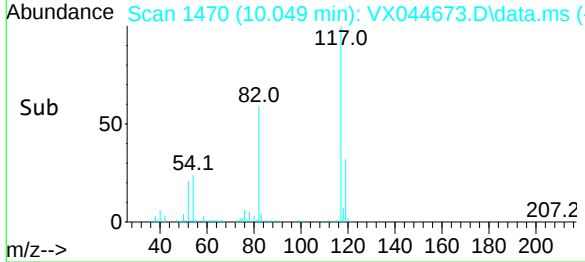
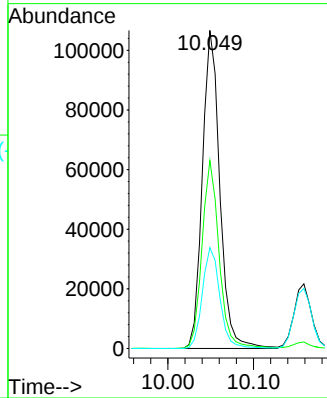
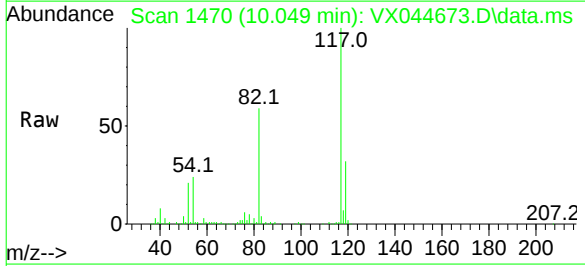
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 151265
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 31.8 25.8 38.6

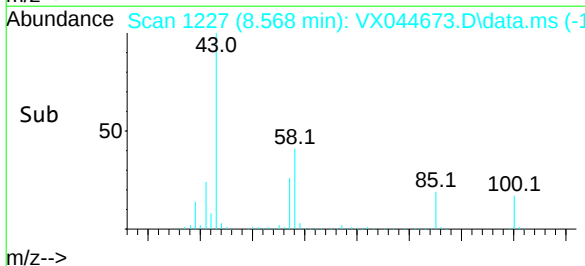
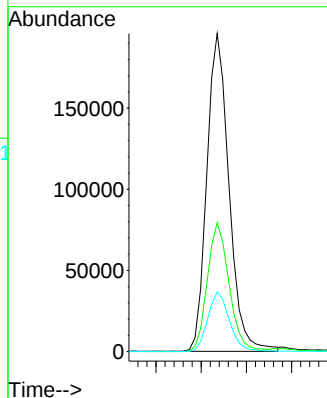
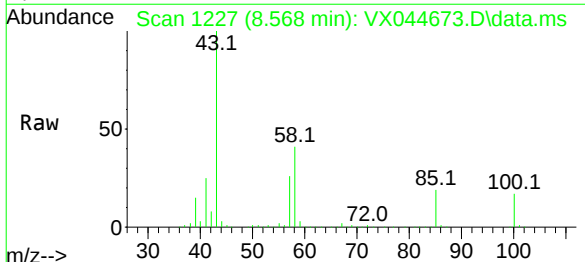
Manual Integrations
APPROVED

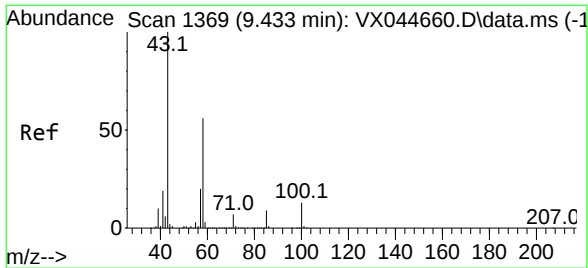
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#58
4-Methyl-2-Pentanone
Concen: 104.616 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

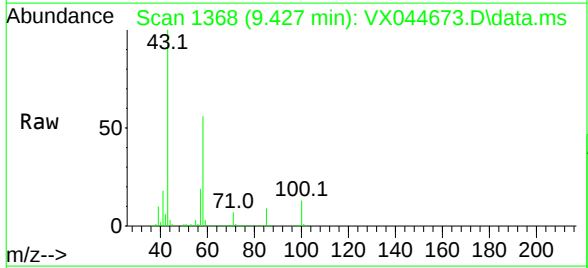
Tgt Ion: 43 Resp: 333561
Ion Ratio Lower Upper
43 100
58 39.7 31.7 47.5
85 18.4 15.0 22.6





#59
2-Hexanone
Concen: 105.337 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

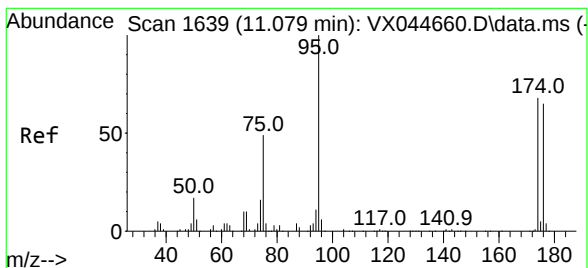
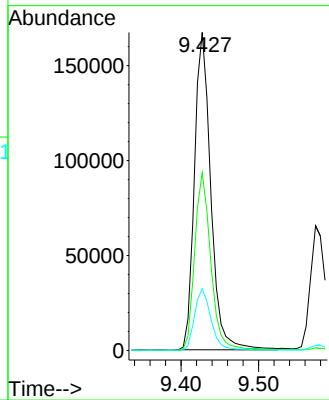
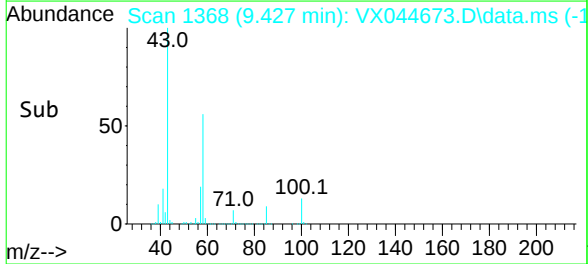
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 245886
Ion Ratio Lower Upper
43 100
58 54.6 44.4 66.6
57 19.5 15.5 23.3

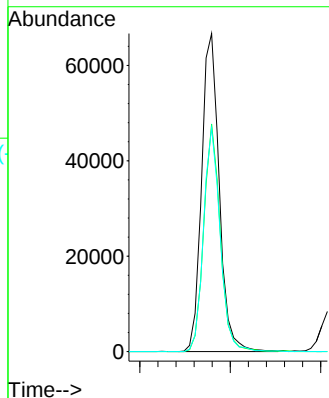
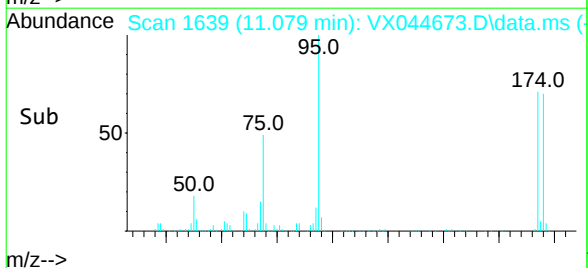
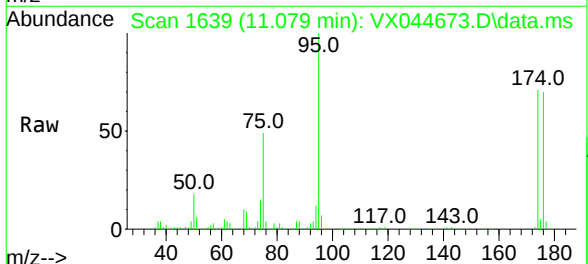
Manual Integrations
APPROVED

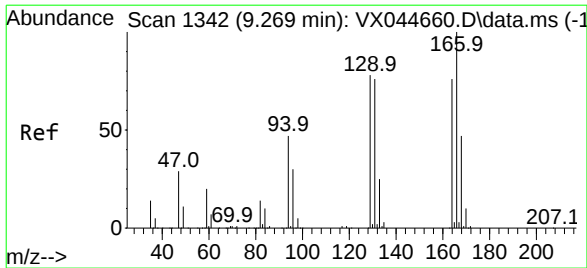
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
4-Bromofluorobenzene
Concen: 30.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

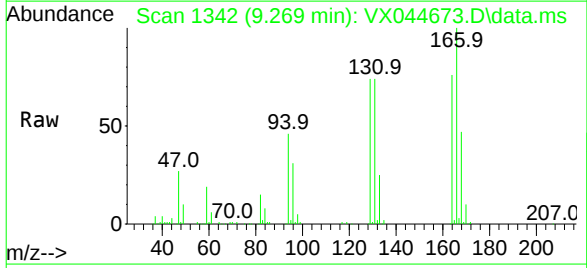
Tgt Ion: 95 Resp: 90245
Ion Ratio Lower Upper
95 100
174 66.8 54.6 81.8
176 66.4 52.8 79.2





#61
Tetrachloroethene
Concen: 19.687 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

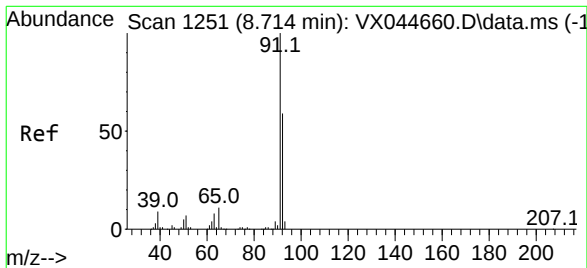
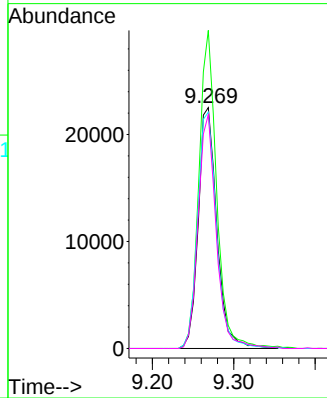
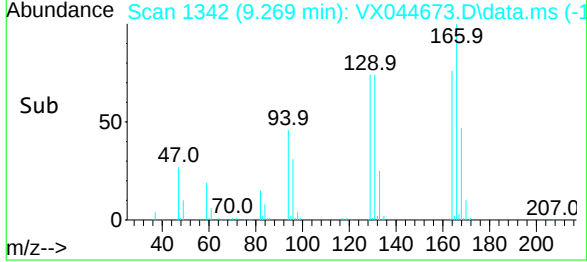
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 164 Resp: 35722
Ion Ratio Lower Upper
164 100
166 132.1 105.6 158.4
129 98.1 82.8 124.2
131 97.1 80.2 120.4

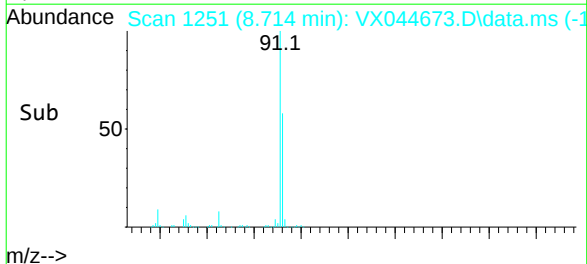
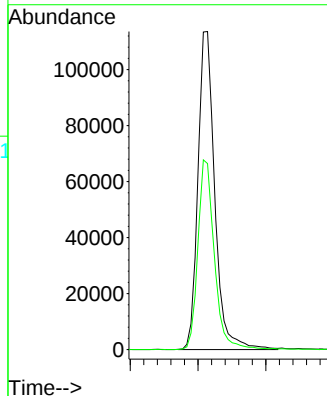
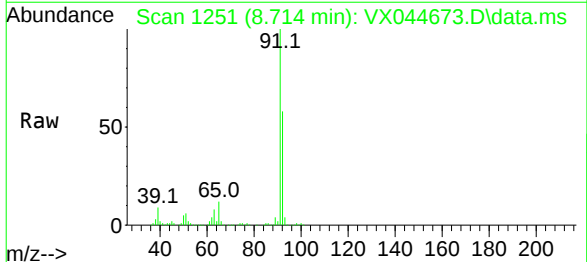
Manual Integrations
APPROVED

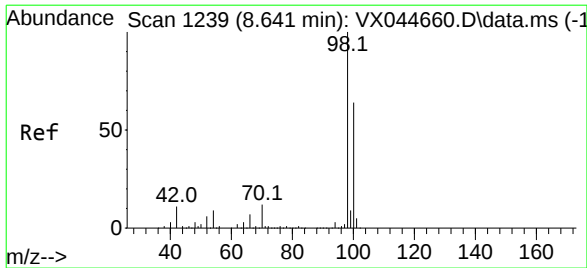
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#62
Toluene
Concen: 19.684 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 91 Resp: 196058
Ion Ratio Lower Upper
91 100
92 58.3 47.3 70.9





#63

Toluene-d8

Concen: 29.905 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 246039

Ion Ratio Lower Upper

98 100

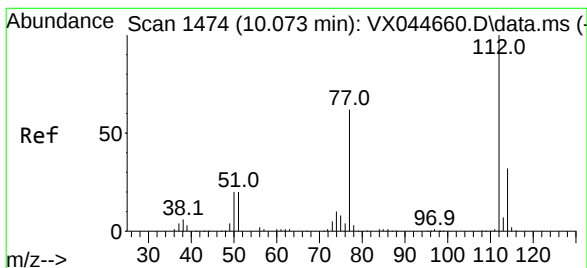
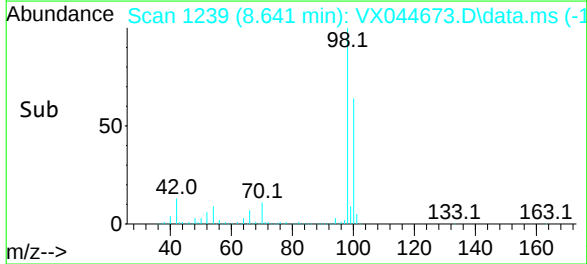
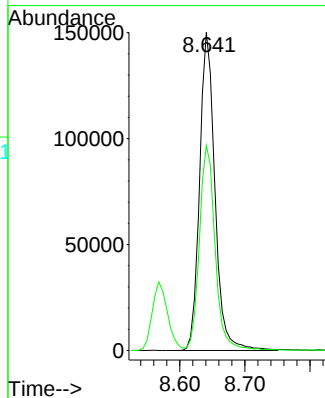
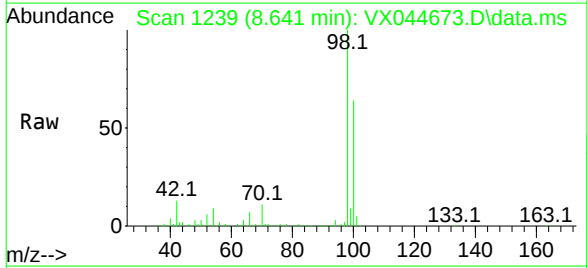
100 65.7 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#64

Chlorobenzene

Concen: 19.708 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044673.D

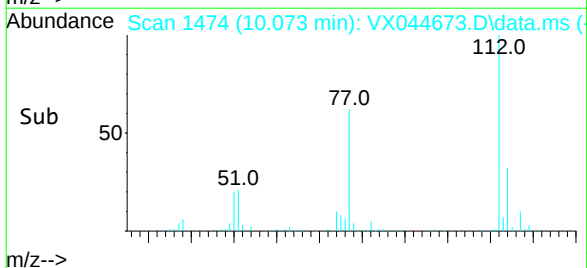
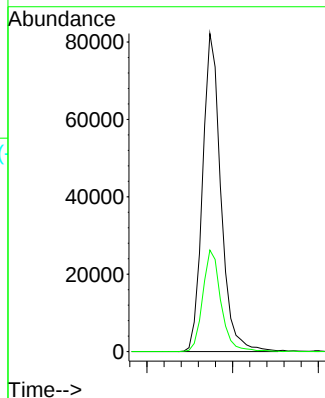
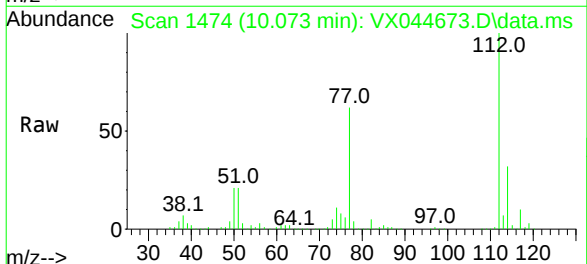
Acq: 16 Jan 2025 16:04

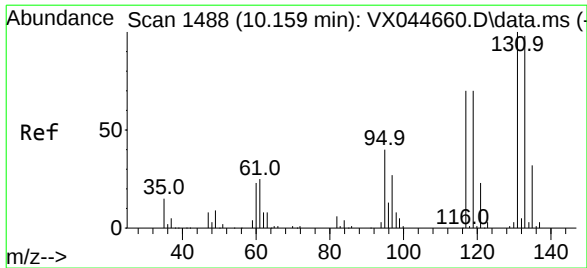
Tgt Ion:112 Resp: 121910

Ion Ratio Lower Upper

112 100

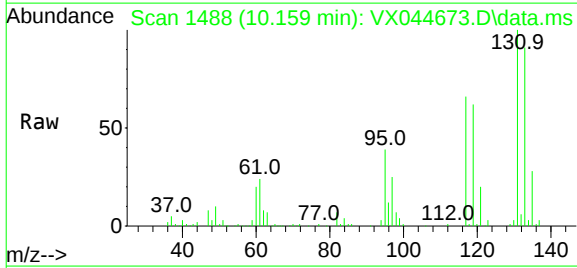
114 31.9 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 19.621 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

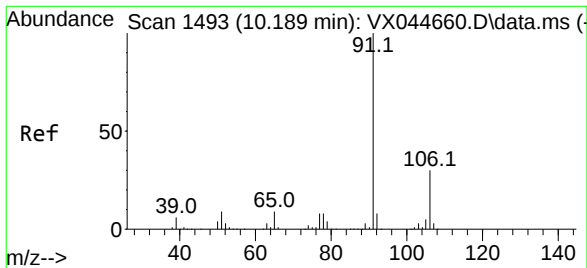
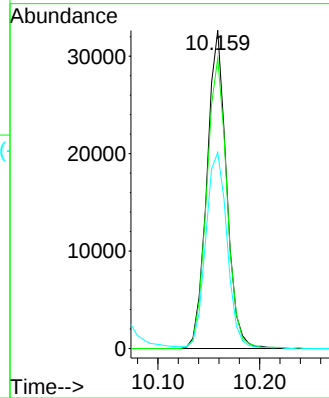
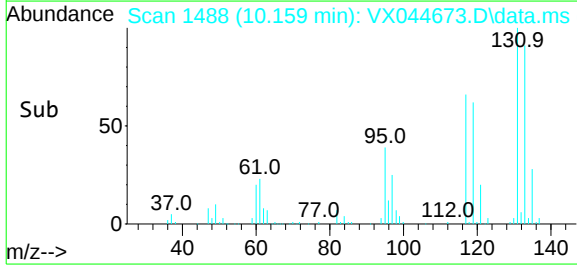
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 131 Resp: 43600
Ion Ratio Lower Upper
131 100
133 93.8 0.0 192.4
119 67.5 0.0 133.4

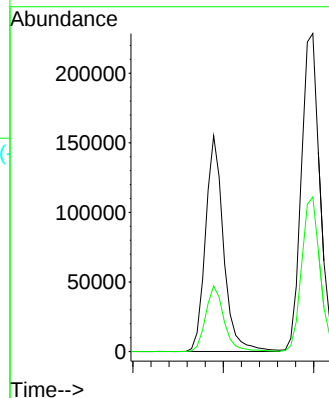
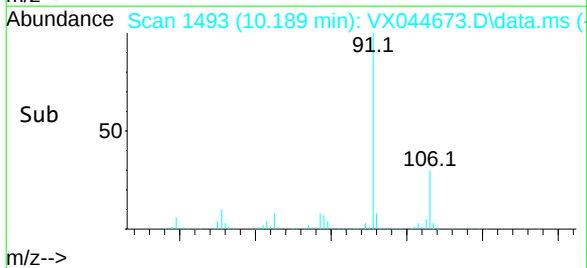
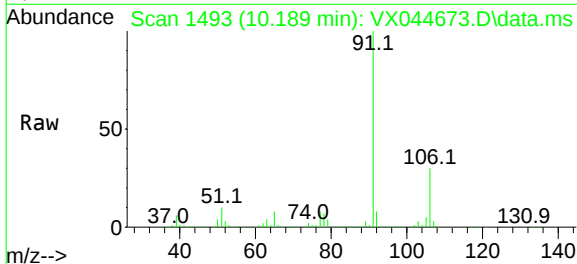
Manual Integrations
APPROVED

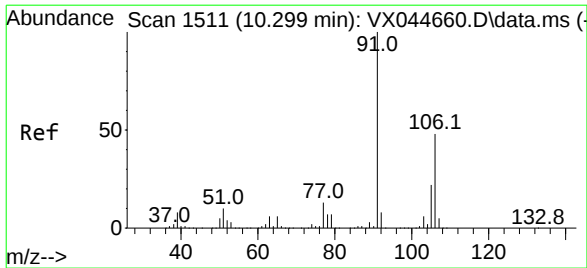
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 19.798 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 91 Resp: 215205
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





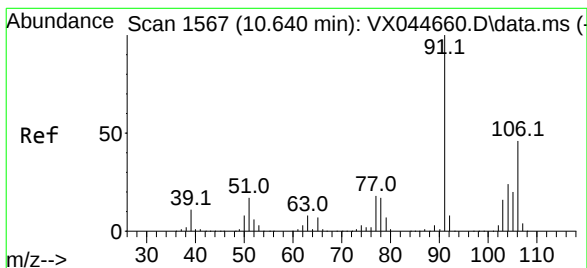
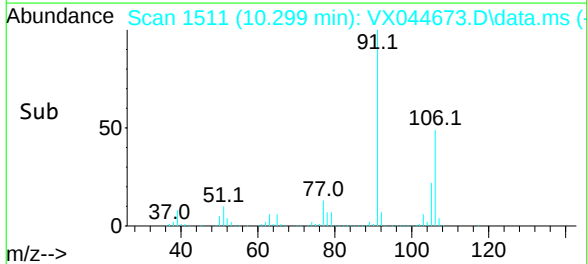
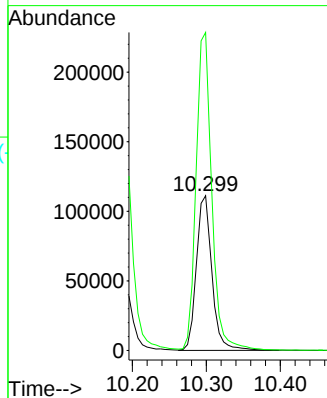
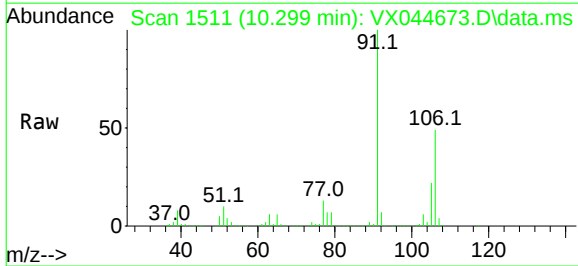
#67
m/p-Xylenes
Concen: 40.577 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 162129
Ion Ratio Lower Upper
106 100
91 207.7 166.8 250.2

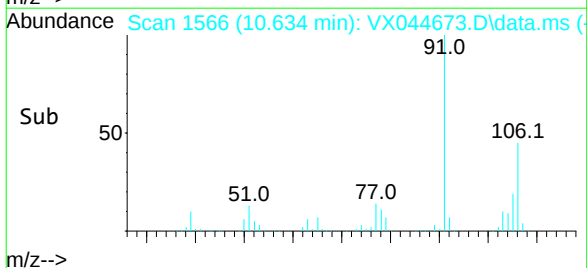
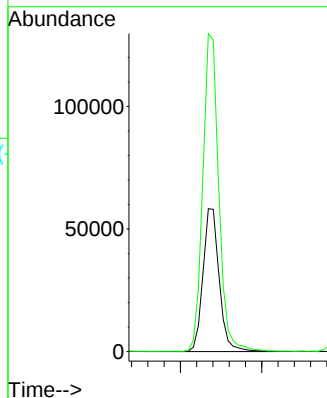
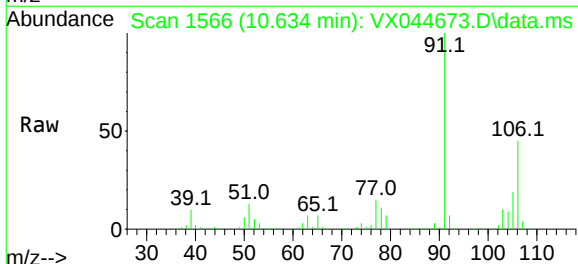
Manual Integrations
APPROVED

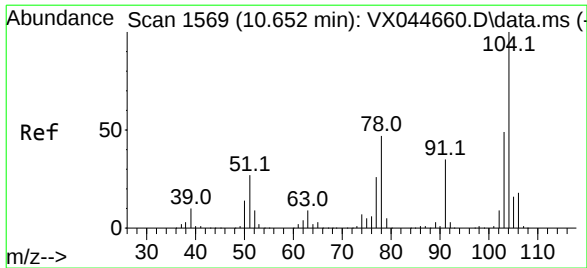
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#68
o-Xylene
Concen: 20.164 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:106 Resp: 80862
Ion Ratio Lower Upper
106 100
91 219.2 109.7 329.1





#69

Styrene

Concen: 20.220 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

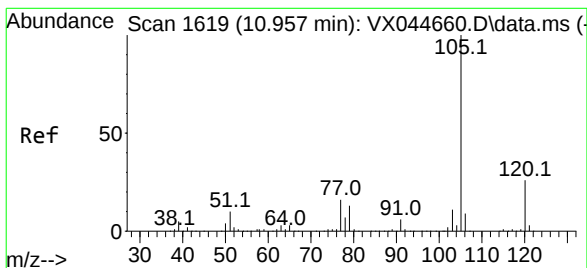
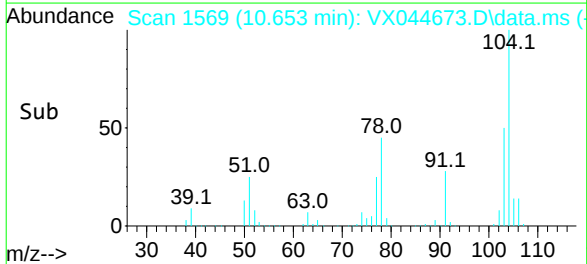
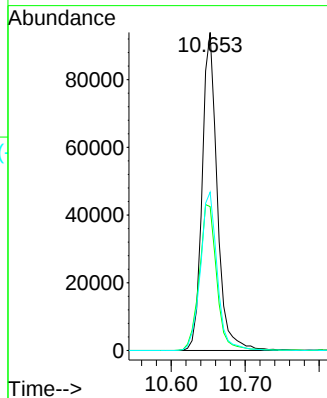
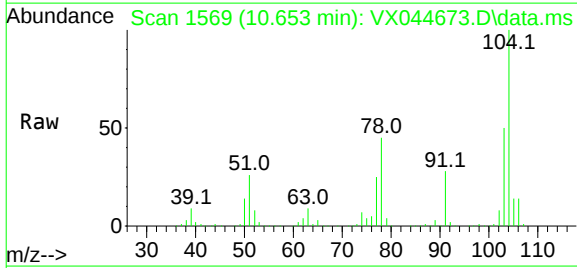
VSTDCCC020EC

Tgt Ion:	104	Resp:	133131
Ion Ratio	Lower	Upper	
104	100		
78	52.9	42.0	63.0
103	55.4	43.1	64.7

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 20.143 ug/l

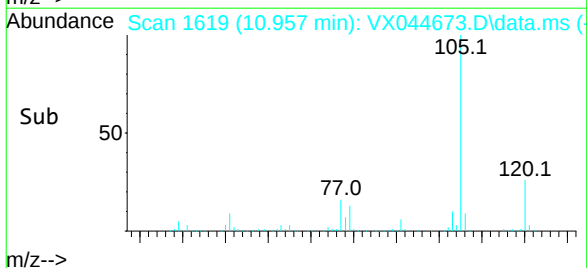
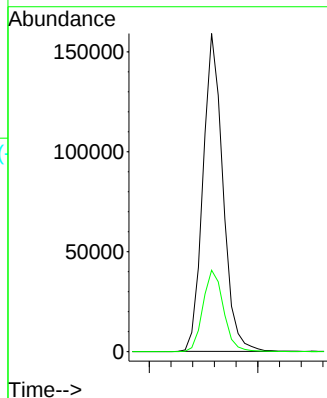
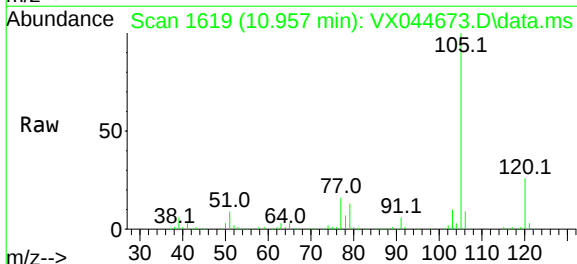
RT: 10.957 min Scan# 1619

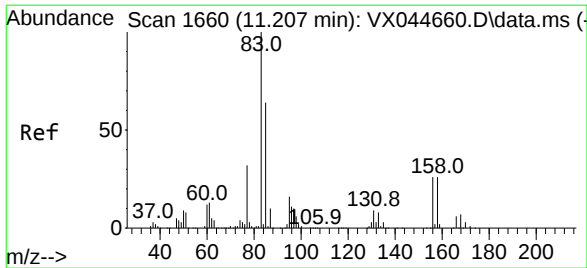
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:	105	Resp:	203065
Ion Ratio	Lower	Upper	
105	100		
120	26.4	18.6	34.6





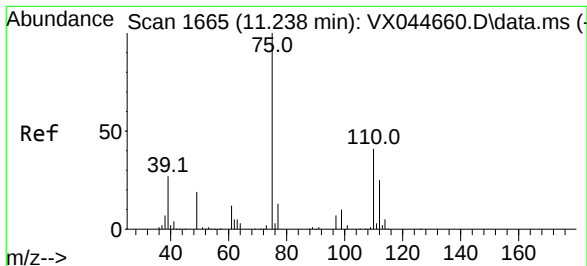
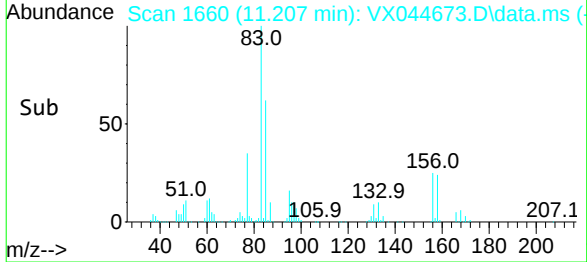
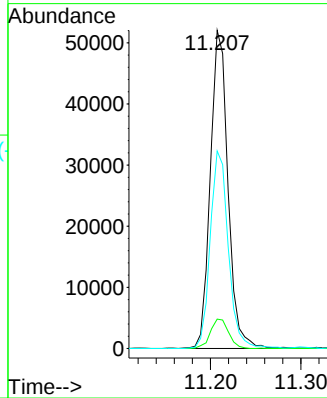
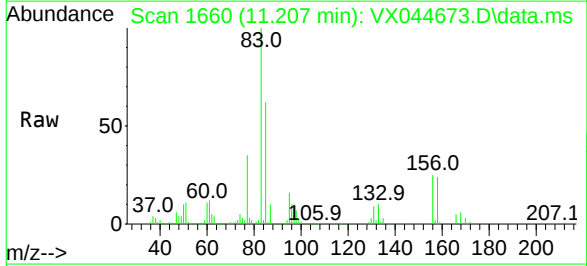
#71
1,1,2,2-Tetrachloroethane
Concen: 20.841 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.8	33.0	99.0

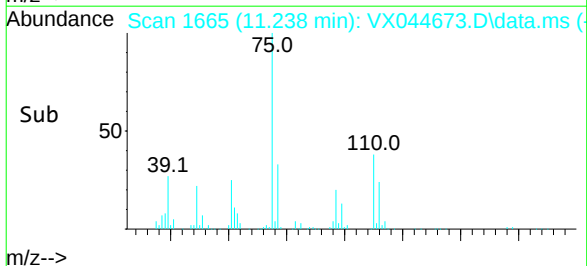
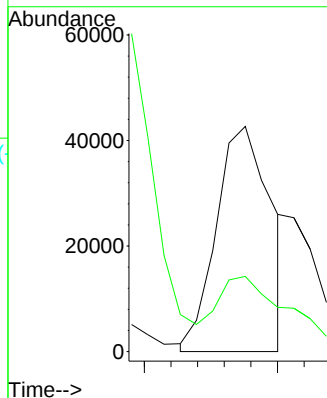
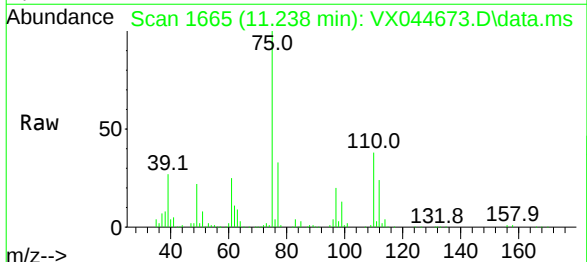
Manual Integrations
APPROVED

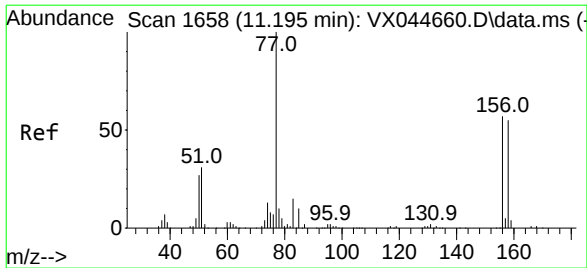
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#72
1,2,3-Trichloropropane
Concen: 21.255 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.9	0.0	83.0





#73

Bromobenzene

Concen: 19.780 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

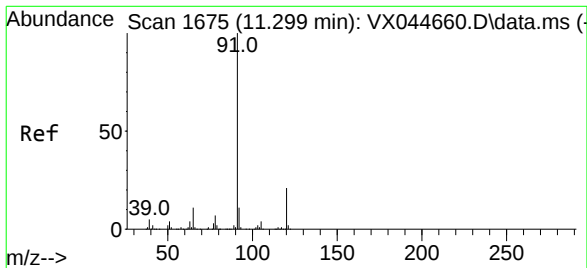
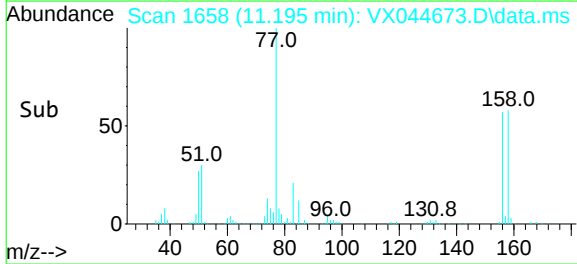
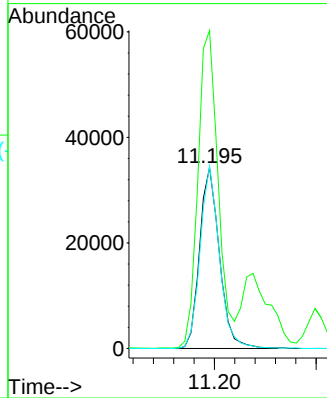
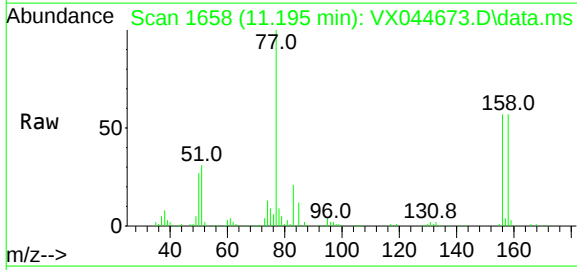
VSTDCCC020EC

Tgt Ion:	156	Resp:	46455
Ion Ratio	Lower	Upper	
156	100		
77	179.1	0.0	354.6
158	97.5	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: 20.382 ug/l

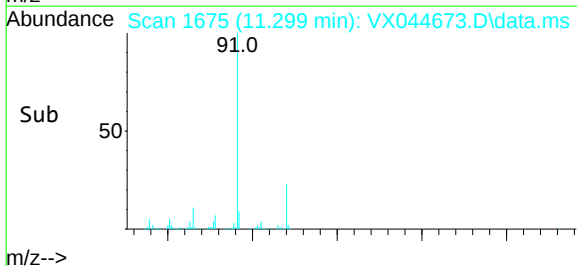
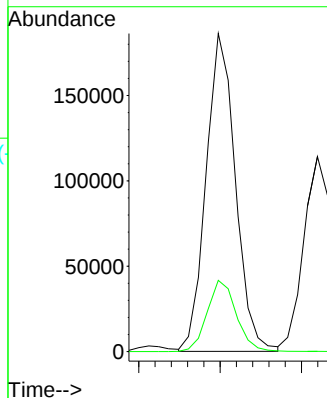
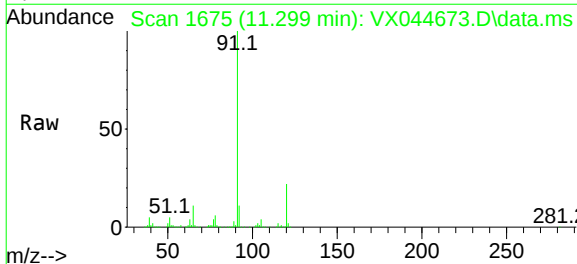
RT: 11.299 min Scan# 1675

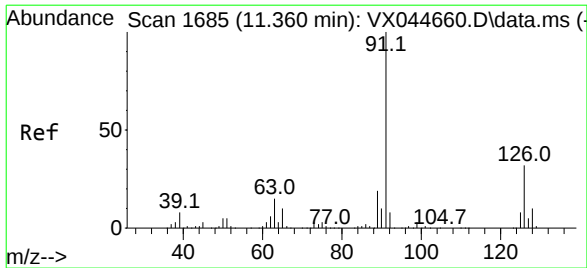
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:	91	Resp:	233390
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	45.0





#75

2-Chlorotoluene

Concen: 20.507 ug/l

RT: 11.360 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 147629

Ion Ratio Lower Upper

91 100

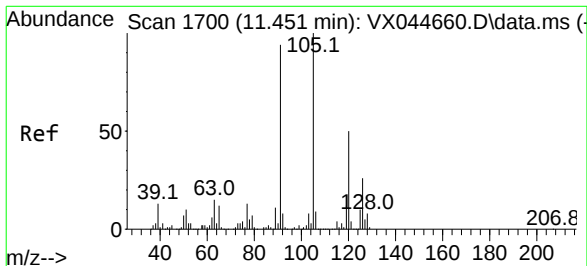
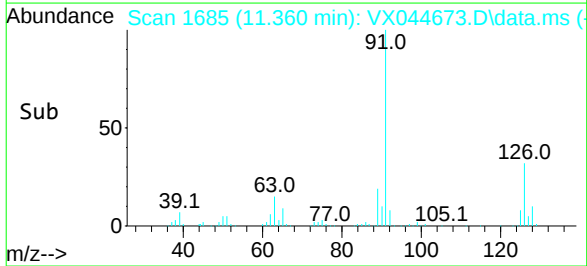
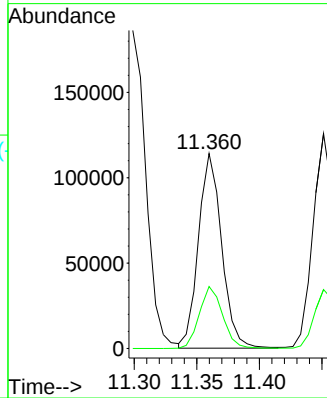
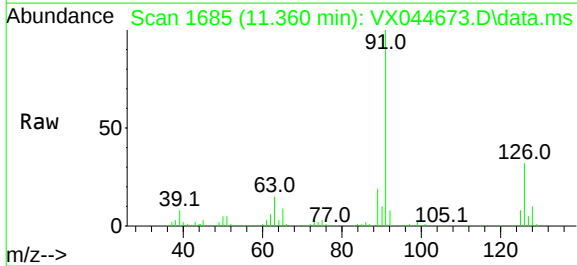
126 32.0 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#76

1,3,5-Trimethylbenzene

Concen: 20.650 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044673.D

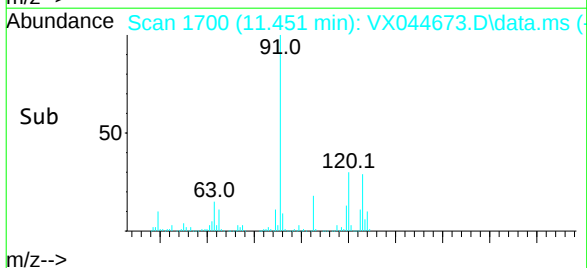
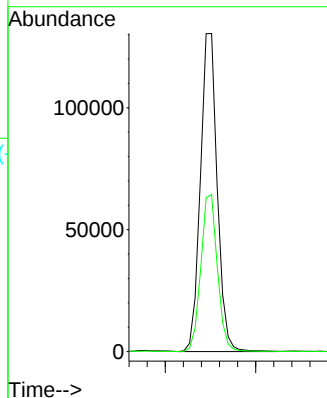
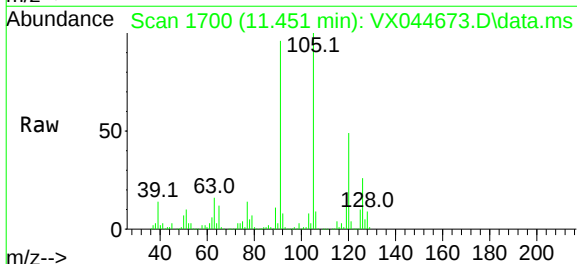
Acq: 16 Jan 2025 16:04

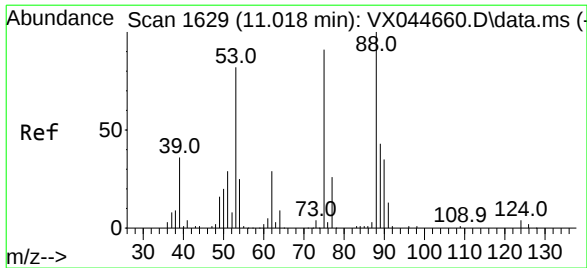
Tgt Ion:105 Resp: 169063

Ion Ratio Lower Upper

105 100

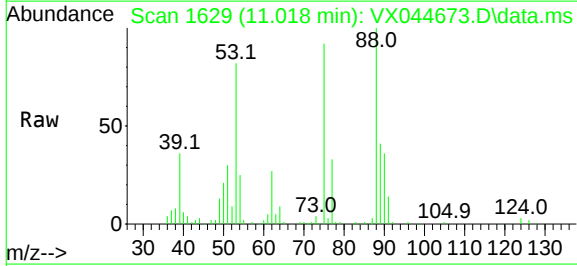
120 48.7 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.376 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

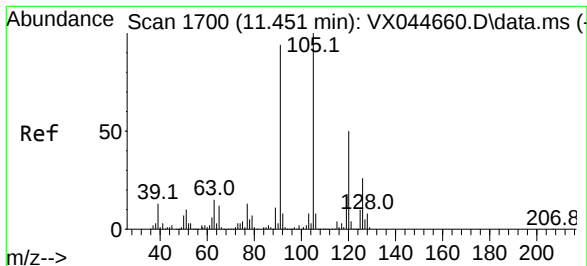
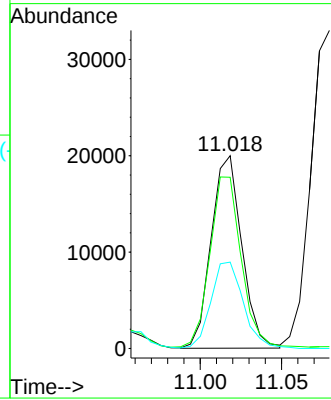
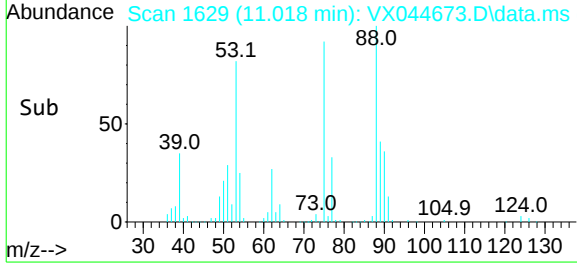
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 26136
Ion Ratio Lower Upper
75 100
53 88.2 45.3 135.9
89 44.6 23.8 71.2

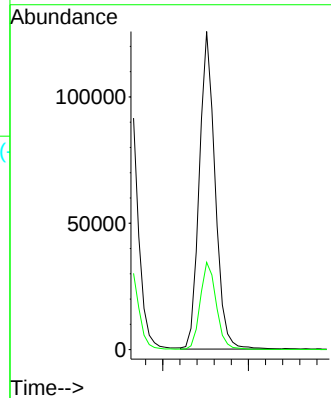
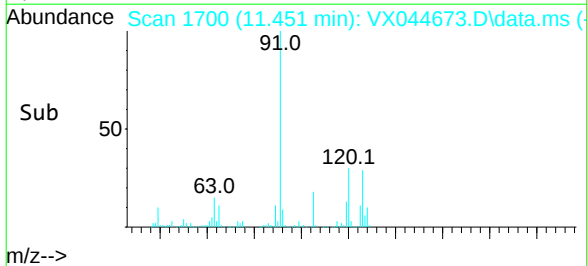
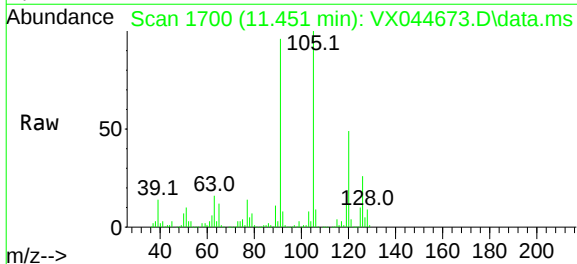
Manual Integrations
APPROVED

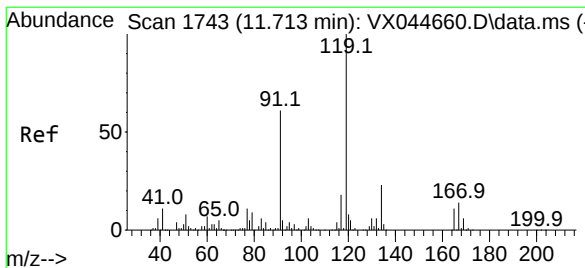
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#78
4-Chlorotoluene
Concen: 20.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 91 Resp: 160564
Ion Ratio Lower Upper
91 100
126 28.0 0.0 55.4





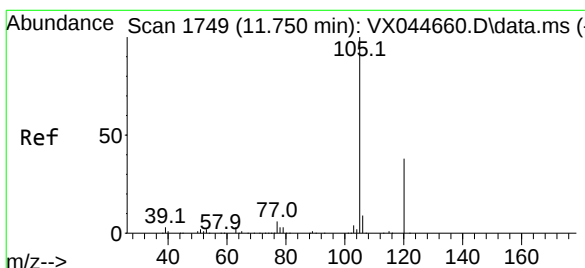
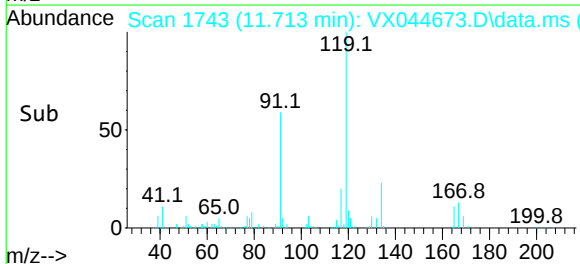
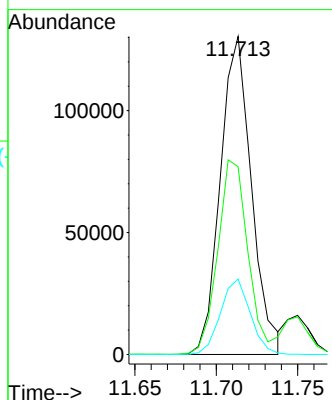
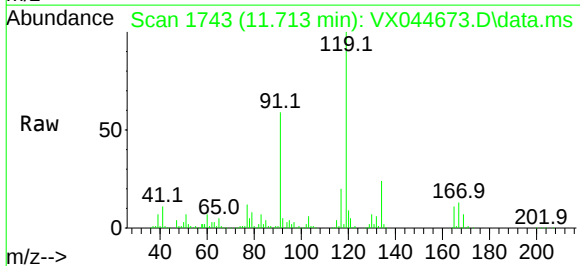
#79
tert-butylbenzene
Concen: 20.675 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 173889
Ion Ratio Lower Upper
119 100
91 58.7 0.0 119.0
134 22.7 0.0 44.8

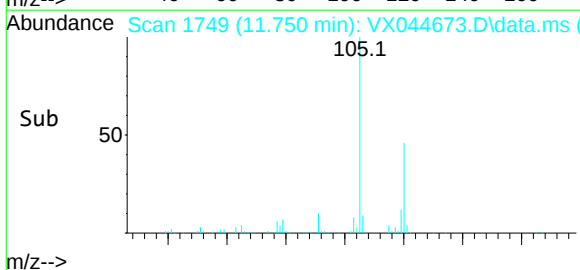
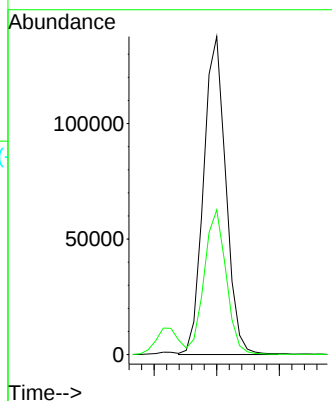
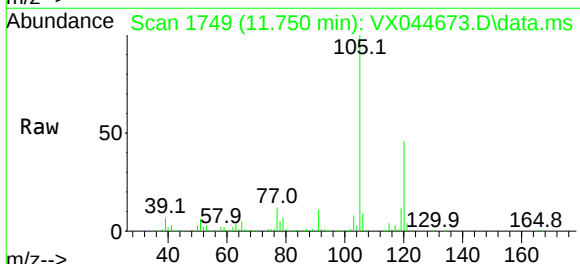
Manual Integrations
APPROVED

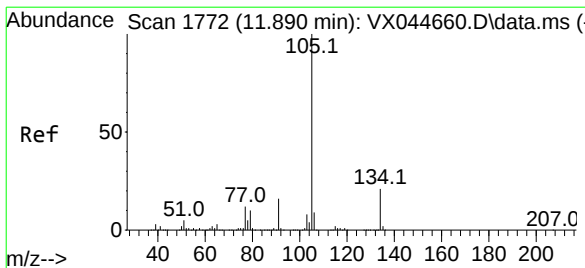
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.596 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

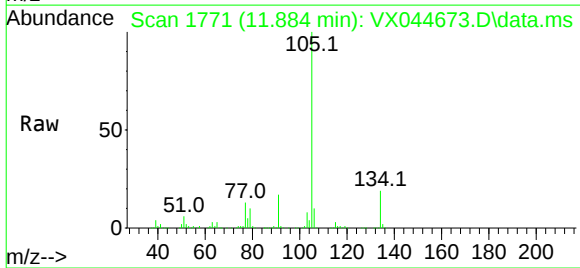
Tgt Ion:105 Resp: 170127
Ion Ratio Lower Upper
105 100
120 44.9 0.0 88.4





#81
sec-Butylbenzene
Concen: 20.694 ug/l
RT: 11.884 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

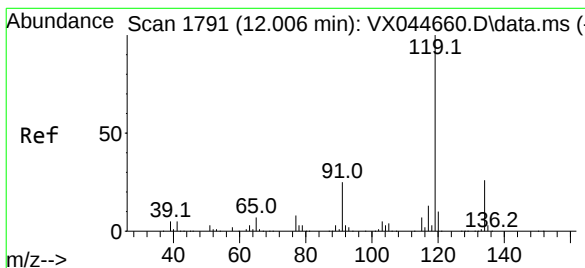
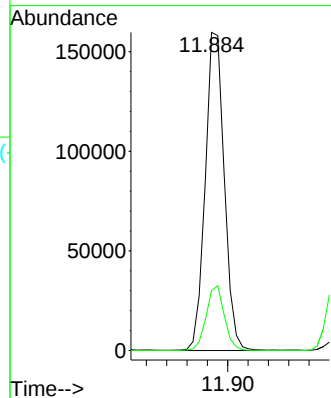
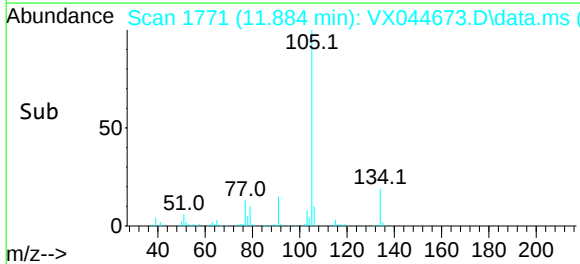
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:105 Resp: 207829
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.6

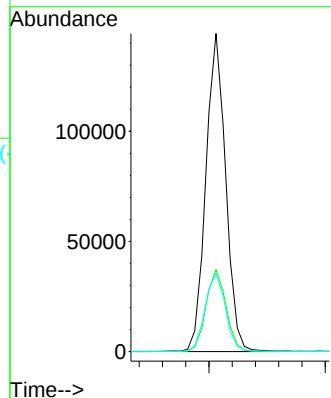
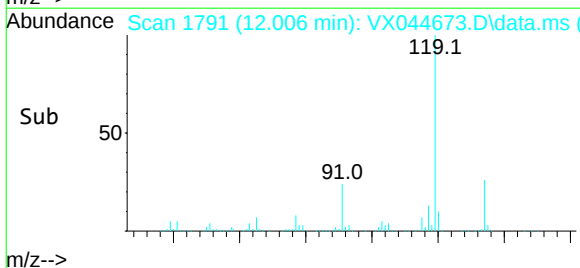
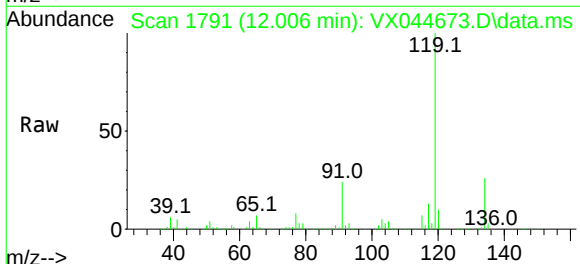
Manual Integrations
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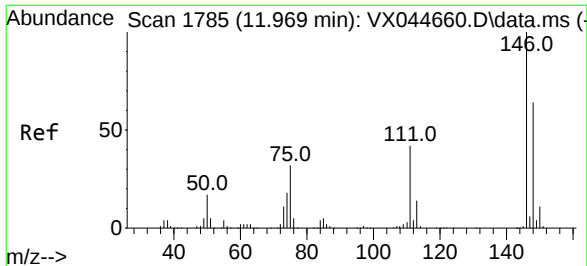
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
p-Isopropyltoluene
Concen: 20.684 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

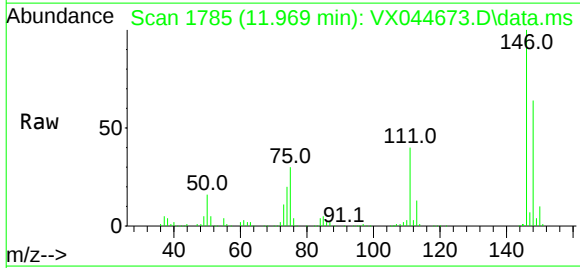
Tgt Ion:119 Resp: 170965
Ion Ratio Lower Upper
119 100
134 26.0 0.0 52.2
91 25.0 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.156 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

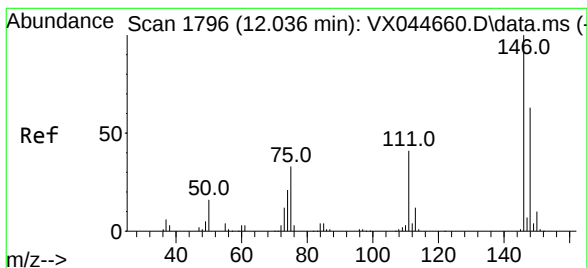
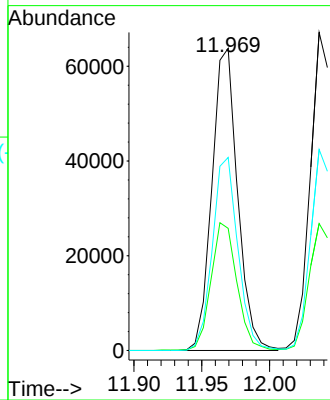
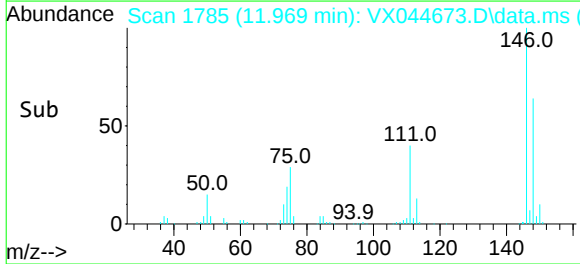
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 84078
Ion Ratio Lower Upper
146 100
111 42.3 21.6 64.6
148 63.9 31.6 94.7

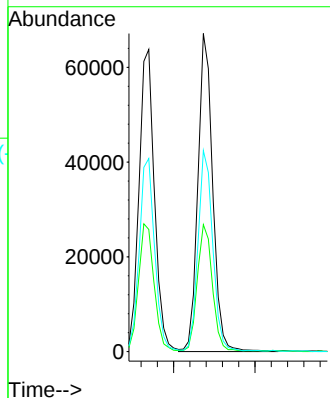
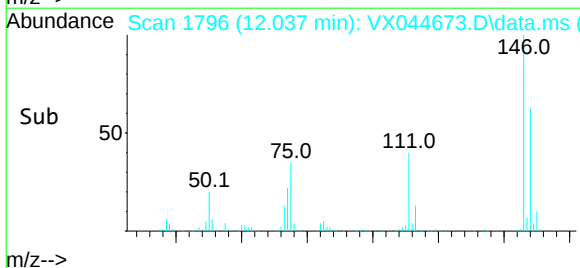
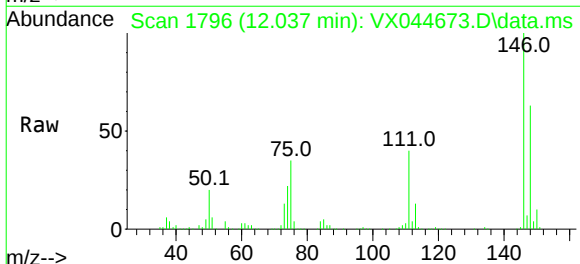
Manual Integrations
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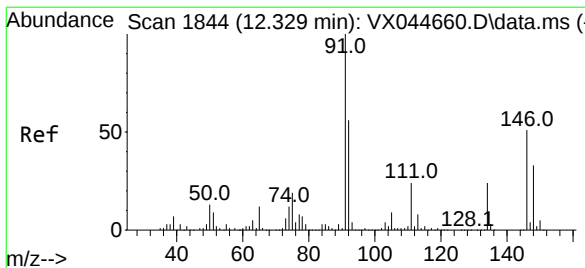
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#84
1,4-Dichlorobenzene
Concen: 20.694 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

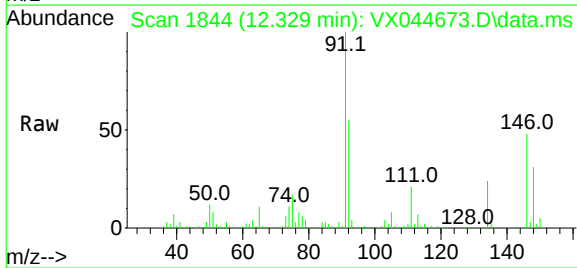
Tgt Ion:146 Resp: 84625
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.5
148 62.9 32.1 96.5





#85
n-Butylbenzene
Concen: 20.857 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

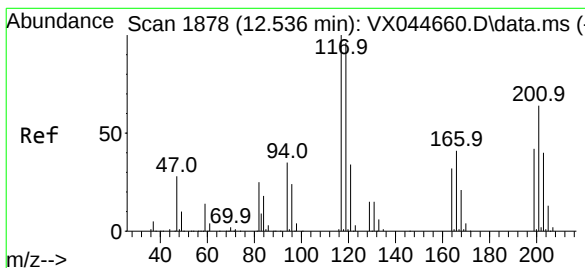
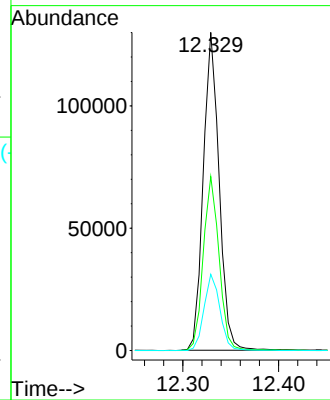
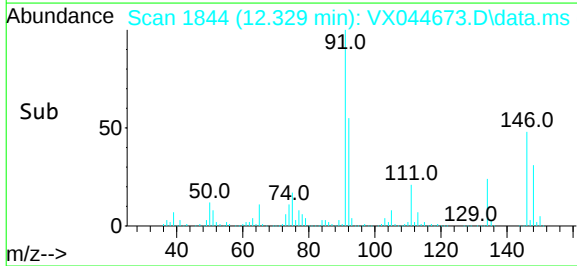
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 149438
Ion Ratio Lower Upper
91 100
92 54.4 0.0 109.4
134 24.2 0.0 49.2

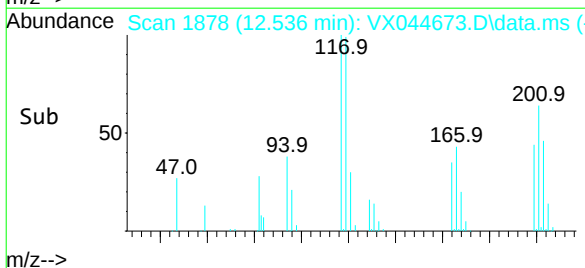
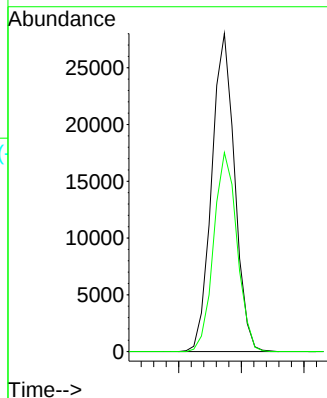
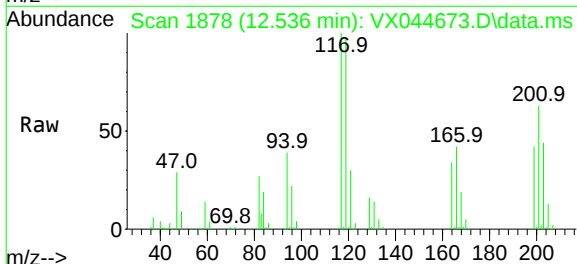
Manual Integrations
APPROVED

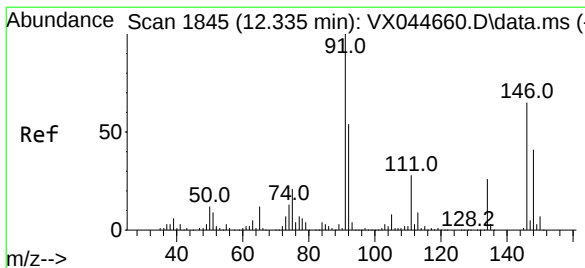
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#86
Hexachloroethane
Concen: 19.660 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:117 Resp: 35748
Ion Ratio Lower Upper
117 100
201 63.7 33.0 98.9





#87

1,2-Dichlorobenzene

Concen: 20.516 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

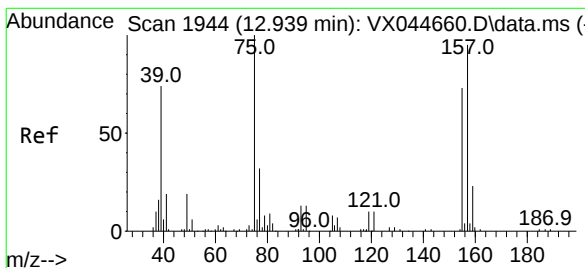
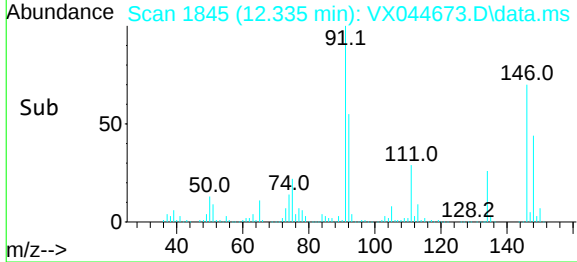
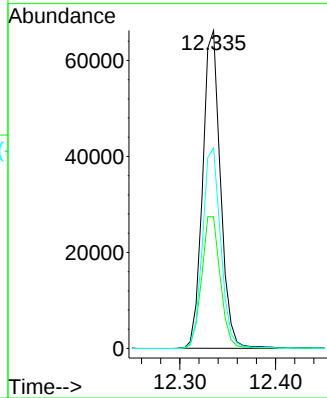
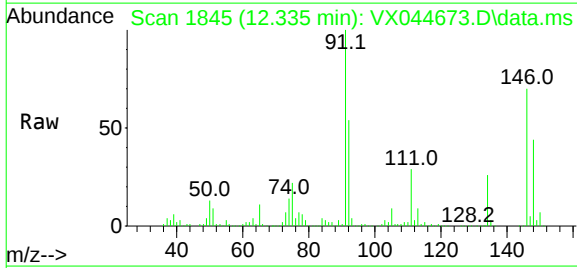
VSTDCCC020EC

Tgt Ion:	146	Resp:	85460
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.2	66.6
148	64.3	32.1	96.3

Manual Integrations

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



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.783 ug/l

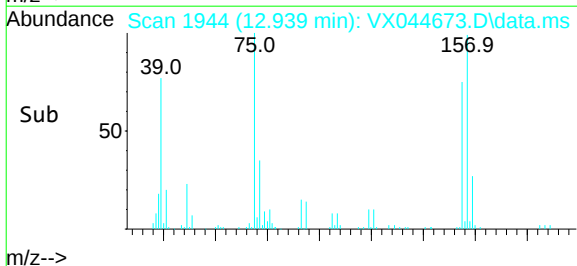
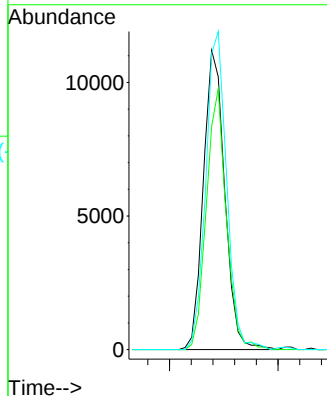
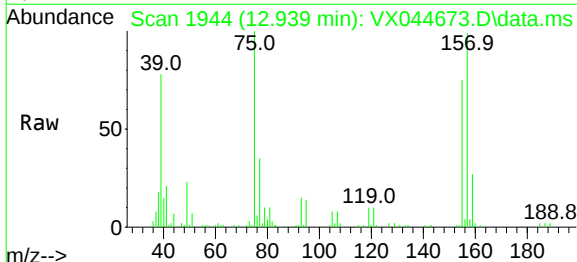
RT: 12.939 min Scan# 1944

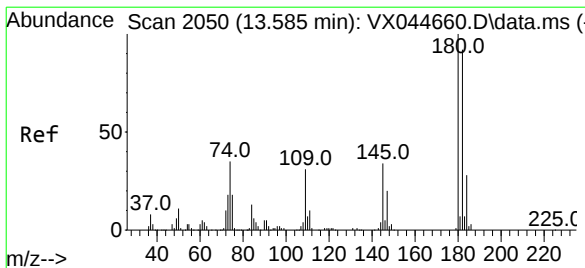
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:	75	Resp:	15332
Ion Ratio	Lower	Upper	
75	100		
155	81.4	62.3	93.5
157	103.0	79.9	119.9





#89

1,2,4-Trichlorobenzene

Concen: 19.682 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

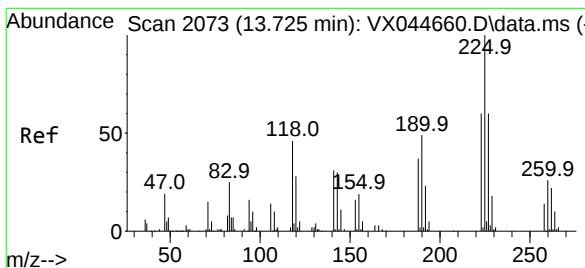
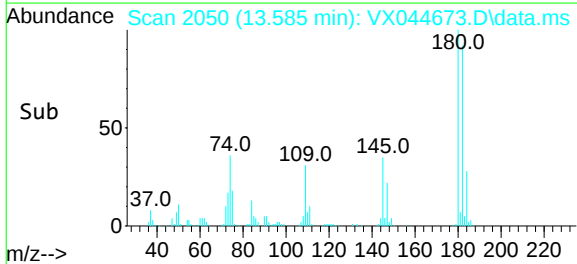
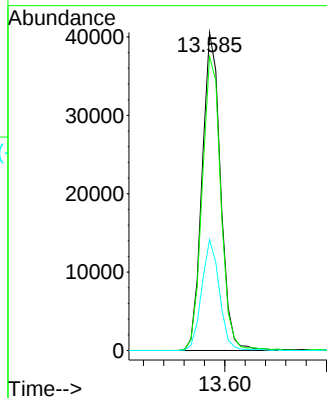
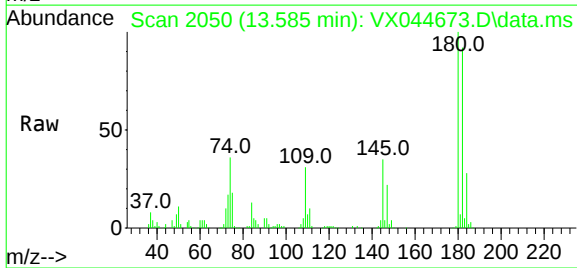
VSTDCCC020EC

Tgt Ion:	180	Resp:	50951
Ion Ratio	Lower	Upper	
180	100		
182	92.7	75.6	113.4
145	33.4	26.6	40.0

Manual Integrations

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



#90

Hexachlorobutadiene

Concen: 19.451 ug/l

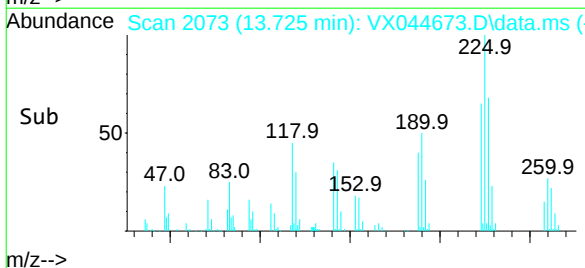
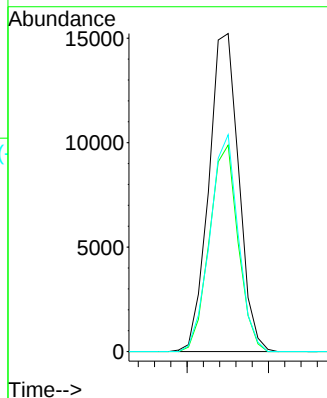
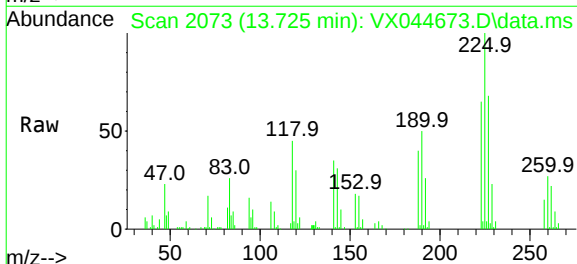
RT: 13.725 min Scan# 2073

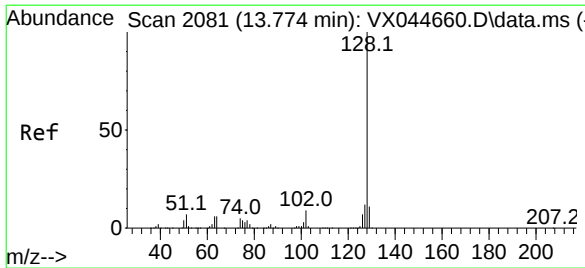
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

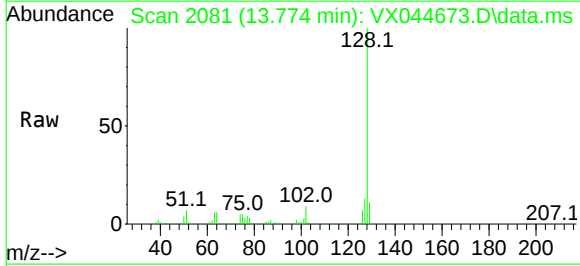
Tgt Ion:	225	Resp:	19476
Ion Ratio	Lower	Upper	
225	100		
223	62.1	0.0	123.0
227	64.6	0.0	124.2





#91
Naphthalene
Concen: 20.484 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

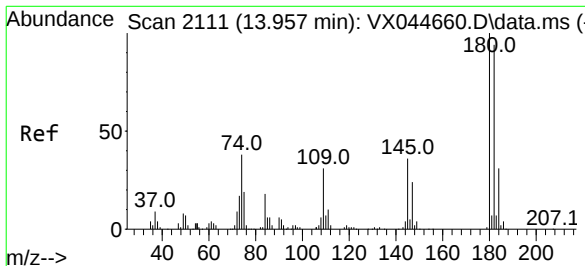
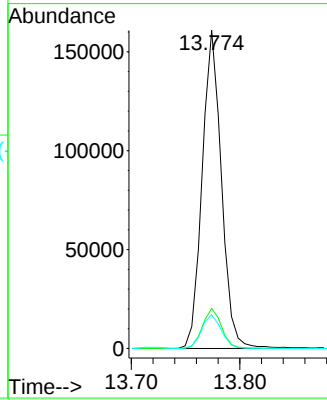
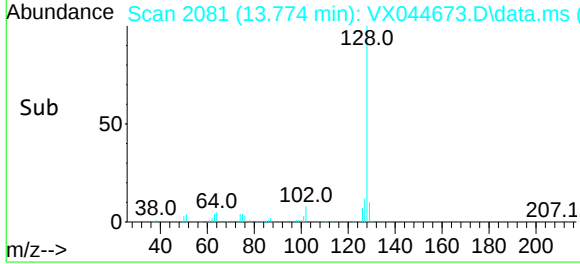
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



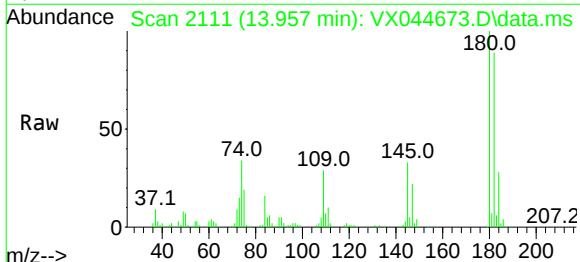
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	9.0	13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	0.0	187.8
145	34.1	0.0	69.8

