

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045784.D
 Acq On : 15 Apr 2025 09:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 01:37:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/16/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	100214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	171344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71425	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	89857	49.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.373	113	62111	51.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.641	98	208879	49.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	82134	53.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	74316	49.587	ug/l	100
3) Chloromethane	1.301	50	68177	44.280	ug/l	99
4) Vinyl Chloride	1.374	62	63786	45.269	ug/l	99
5) Bromomethane	1.593	94	28210	42.224	ug/l	98
6) Chloroethane	1.666	64	37751	50.498	ug/l	99
7) Trichlorofluoromethane	1.874	101	101939	48.516	ug/l	95
8) Diethyl Ether	2.130	74	32676	46.321	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	61929	50.299	ug/l	98
10) Methyl Iodide	2.441	142	71099	46.297	ug/l	98
11) Tert butyl alcohol	2.977	59	58010	235.532	ug/l	100
12) 1,1-Dichloroethene	2.307	96	54795	45.546	ug/l	98
13) Acrolein	2.233	56	57330	169.033	ug/l	99
14) Allyl chloride	2.654	41	110470	48.395	ug/l	99
15) Acrylonitrile	3.062	53	183879	236.512	ug/l	99
16) Acetone	2.380	43	181191	240.773	ug/l	99
17) Carbon Disulfide	2.502	76	120440	40.533	ug/l	98
18) Methyl Acetate	2.703	43	95900	55.350	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204670	48.632	ug/l	100
20) Methylene Chloride	2.782	84	64507	45.787	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	55510	45.163	ug/l	99
22) Diisopropyl ether	3.757	45	218039	48.490	ug/l	99
23) Vinyl Acetate	3.715	43	935403	240.774	ug/l	99
24) 1,1-Dichloroethane	3.599	63	118828	46.728	ug/l	99
25) 2-Butanone	4.550	43	266041	241.512	ug/l	99
26) 2,2-Dichloropropane	4.465	77	93789	57.084	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	68693	45.874	ug/l	96
28) Bromochloromethane	4.885	49	58413	47.534	ug/l	99
29) Tetrahydrofuran	4.995	42	165317	231.478	ug/l	99
30) Chloroform	5.080	83	124948	47.751	ug/l	98
31) Cyclohexane	5.458	56	99275	44.159	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	106656	48.171	ug/l	100
36) 1,1-Dichloropropene	5.678	75	78094	47.577	ug/l	99
37) Ethyl Acetate	4.708	43	98089	47.420	ug/l	99
38) Carbon Tetrachloride	5.666	117	91071	51.337	ug/l	98
39) Methylcyclohexane	7.373	83	99077	49.242	ug/l	95
40) Benzene	6.025	78	235840	47.045	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56564	51.826	ug/l	99
42) 1,2-Dichloroethane	6.074	62	102514	49.511	ug/l	100
43) Isopropyl Acetate	6.330	43	156006	49.761	ug/l	99
44) Trichloroethene	7.117	130	56911	47.763	ug/l	97
45) 1,2-Dichloropropane	7.421	63	60269	48.184	ug/l	100
46) Dibromomethane	7.574	93	47238	49.197	ug/l	99
47) Bromodichloromethane	7.812	83	96245	50.192	ug/l	95
48) Methyl methacrylate	7.690	41	81408	50.291	ug/l	99
49) 1,4-Dioxane	7.659	88	28183	962.303	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	531508	255.737	ug/l	100
52) Toluene	8.714	92	145799	48.064	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86350	46.973	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	94971	52.705	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	59331	49.084	ug/l	97
56) Ethyl methacrylate	9.110	69	97222	51.970	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102301	48.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	259471	274.183	ug/l	100
59) 2-Hexanone	9.427	43	387741	251.933	ug/l	100
60) Dibromochloromethane	9.519	129	68071	51.655	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61115	49.945	ug/l	98
64) Tetrachloroethene	9.269	164	52093	49.475	ug/l	99
65) Chlorobenzene	10.073	112	156966	49.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	56351	50.933	ug/l	98
67) Ethyl Benzene	10.189	91	286326	50.167	ug/l	99
68) m/p-Xylenes	10.299	106	207843	100.125	ug/l	98
69) o-Xylene	10.640	106	103768	50.745	ug/l	100
70) Styrene	10.653	104	174956	51.837	ug/l	100
71) Bromoform	10.799	173	43348	52.474	ug/l #	98
73) Isopropylbenzene	10.957	105	279500	48.853	ug/l	100
74) N-amyl acetate	10.842	43	134024	48.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90663	45.111	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82374m	47.281	ug/l	
77) Bromobenzene	11.195	156	62715	47.443	ug/l	99
78) n-propylbenzene	11.299	91	327653	49.721	ug/l	100
79) 2-Chlorotoluene	11.360	91	201468	47.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	233569	49.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25728	50.118	ug/l	100
82) 4-Chlorotoluene	11.451	91	233095	49.625	ug/l	99
83) tert-Butylbenzene	11.713	119	231289	49.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236125	49.727	ug/l	100
85) sec-Butylbenzene	11.890	105	294337	51.164	ug/l	100
86) p-Isopropyltoluene	12.006	119	241665	50.954	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117388	48.784	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	117645	48.226	ug/l	100
89) n-Butylbenzene	12.329	91	219711	53.421	ug/l	99
90) Hexachloroethane	12.536	117	42948	52.691	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	114681	47.937	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22394	53.279	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	67795	50.910	ug/l	99
94) Hexachlorobutadiene	13.725	225	30477	53.112	ug/l	98
95) Naphthalene	13.774	128	246946	49.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70697	50.700	ug/l	99

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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

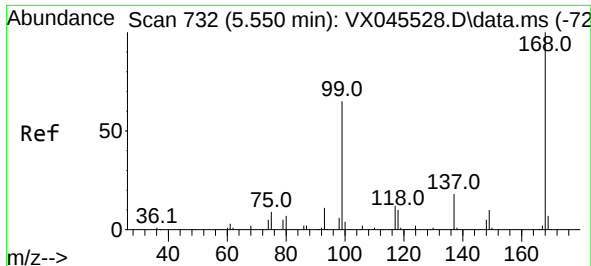
Reviewed By :John
Carlone

04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025

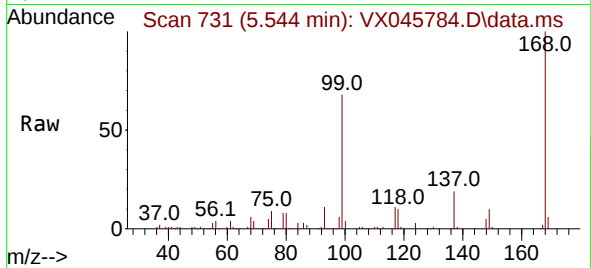
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045784.D
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VSTDCCC050



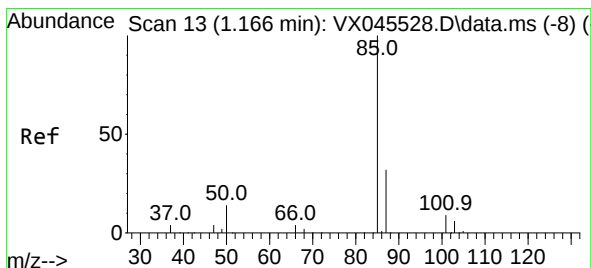
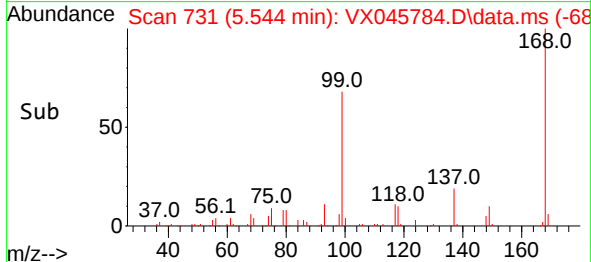
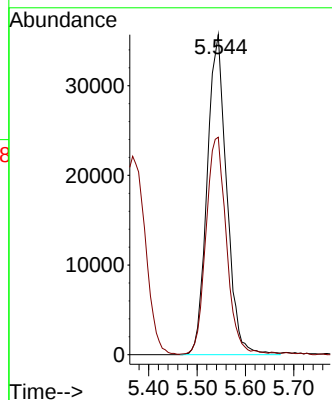
Tgt Ion:168 Resp: 100214
Ion Ratio Lower Upper
168 100
99 67.8 52.3 78.5

Manual Integrations
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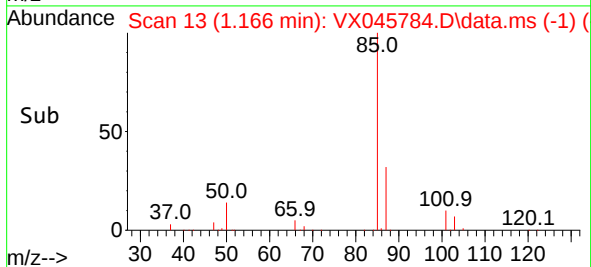
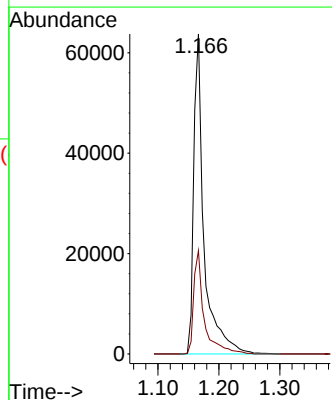
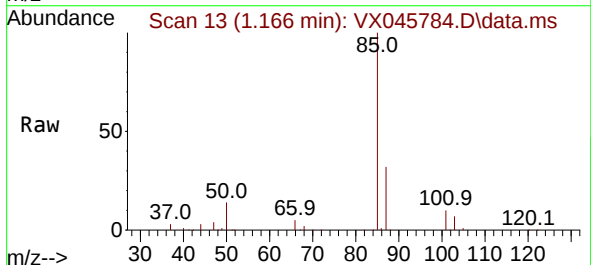
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#2
Dichlorodifluoromethane
Concen: 49.587 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 85 Resp: 74316
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2





#3
Chloromethane
Concen: 44.280 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

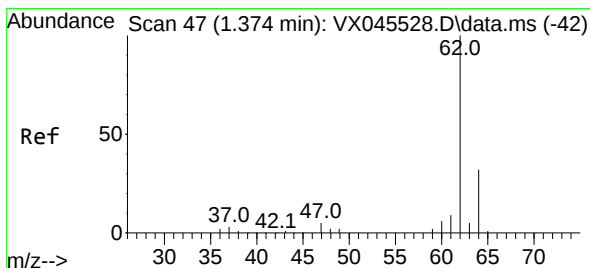
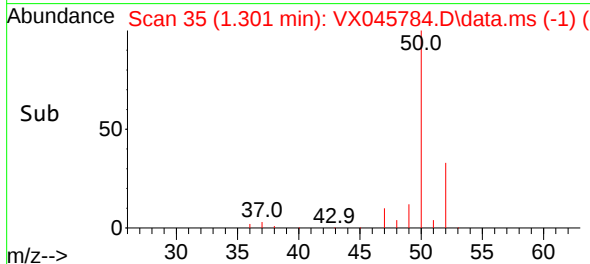
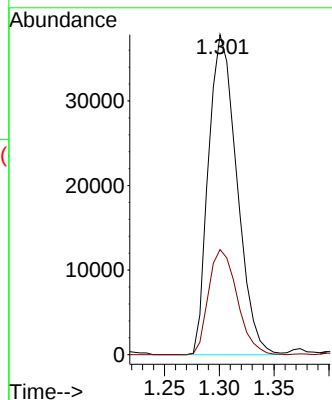
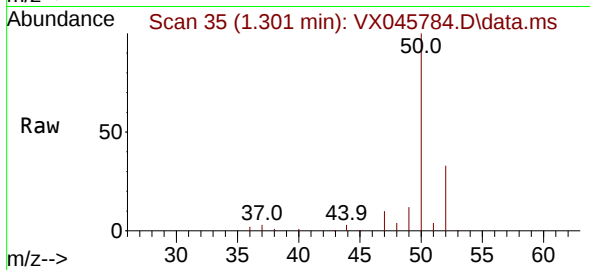
Tgt Ion: 50 Resp: 6817
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

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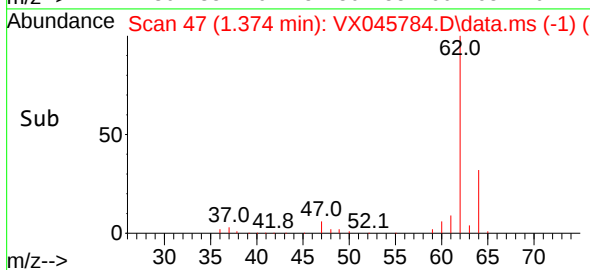
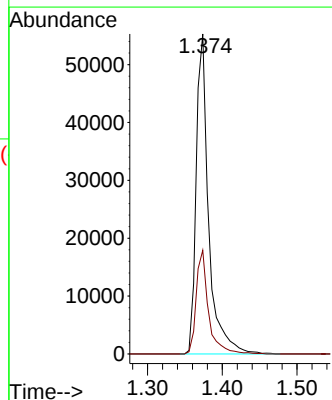
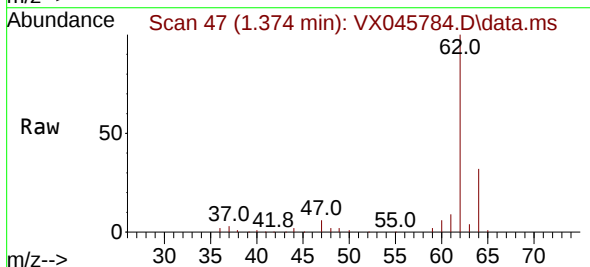
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Supervised By :Semsettin
Yesilyurt

04/16/2025



#4
Vinyl Chloride
Concen: 45.269 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 62 Resp: 63786
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 42.224 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

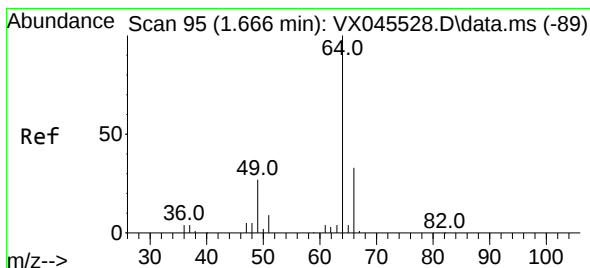
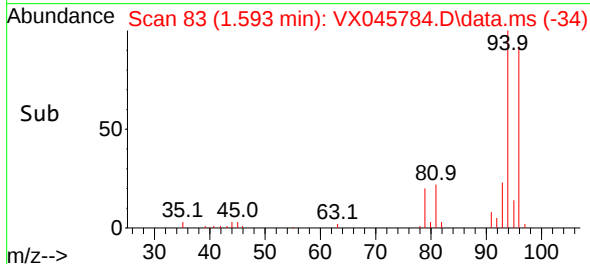
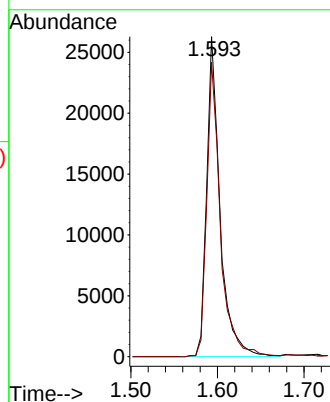
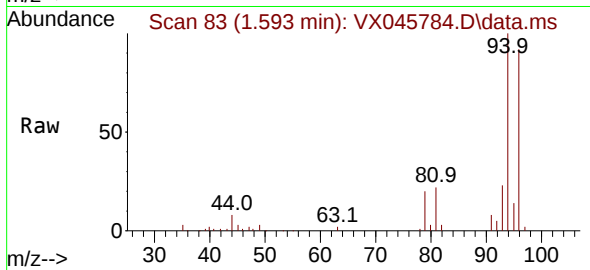
Tgt Ion: 94 Resp: 28210
Ion Ratio Lower Upper
94 100
96 92.0 74.8 112.2

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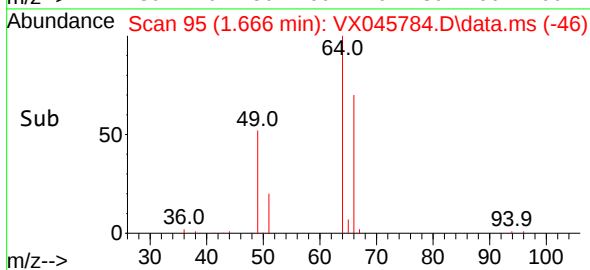
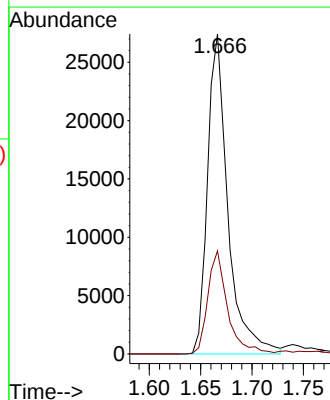
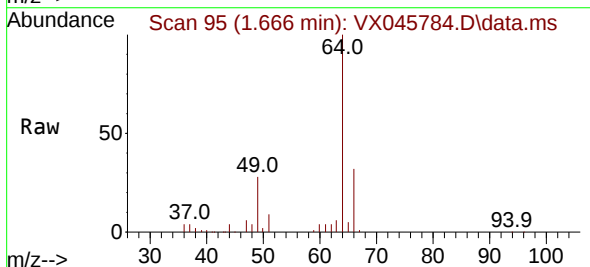
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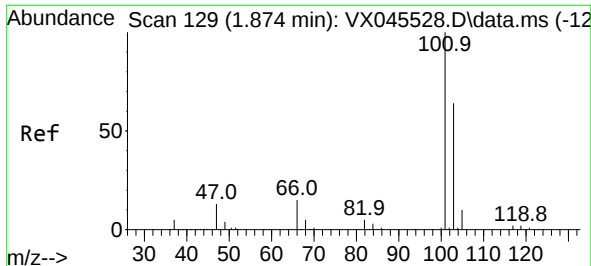
04/16/2025



#6
Chloroethane
Concen: 50.498 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

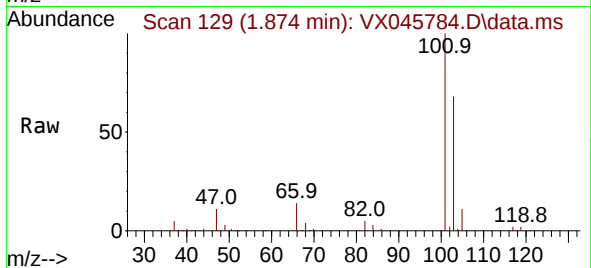
Tgt Ion: 64 Resp: 37751
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 48.516 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
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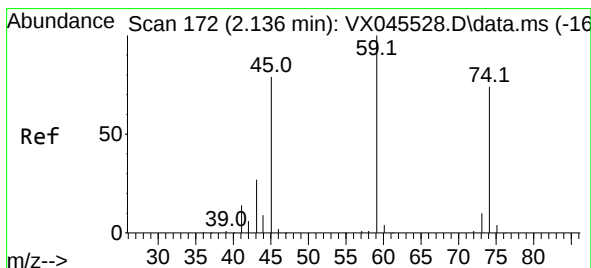
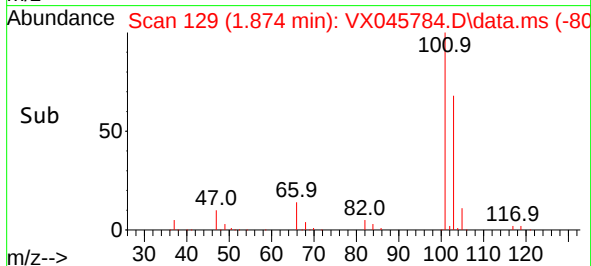
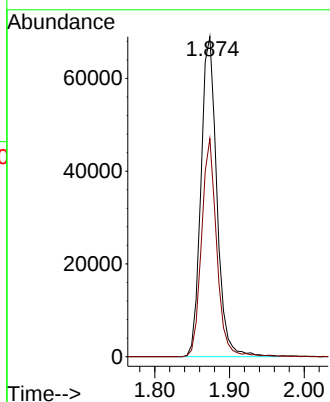
Tgt Ion:101 Resp: 101939
Ion Ratio Lower Upper
101 100
103 68.2 51.1 76.7

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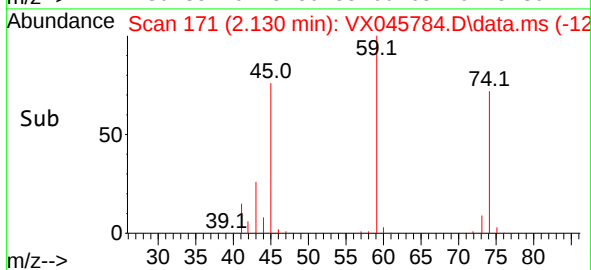
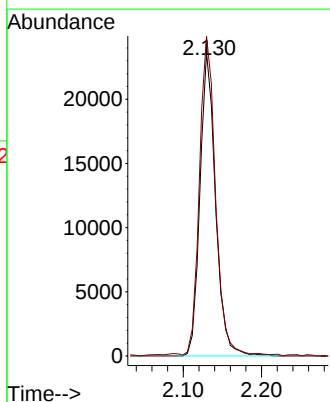
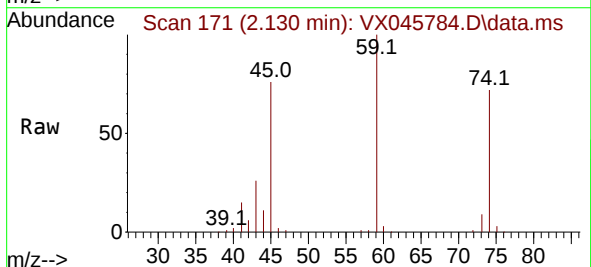
04/16/2025
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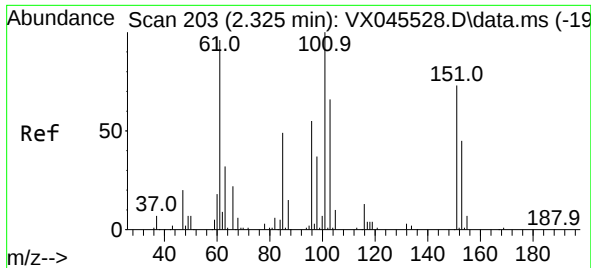
04/16/2025



#8
Diethyl Ether
Concen: 46.321 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 74 Resp: 32676
Ion Ratio Lower Upper
74 100
45 109.7 53.0 159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.299 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
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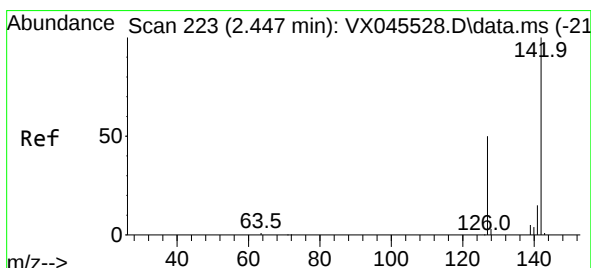
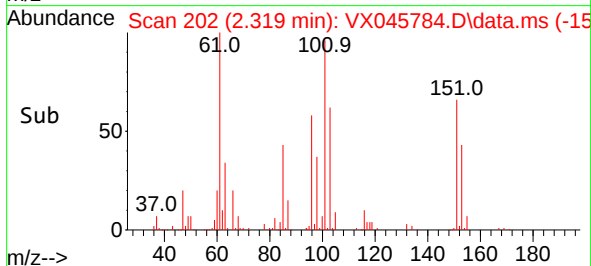
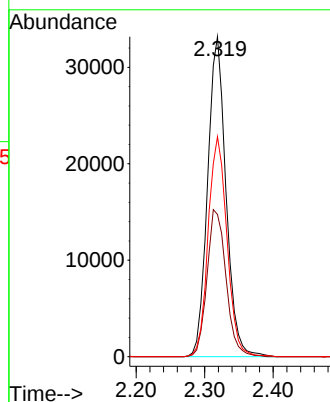
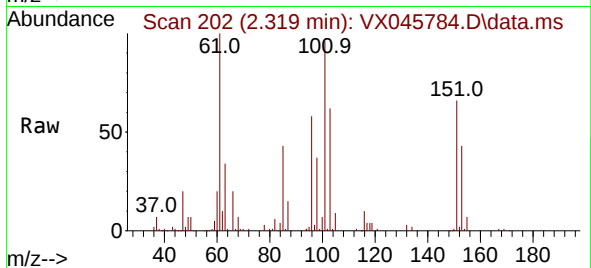
Tgt Ion:101 Resp: 61929
Ion Ratio Lower Upper
101 100
85 47.6 38.9 58.3
151 70.3 57.5 86.3

Manual Integrations
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Reviewed By :John
Carlone

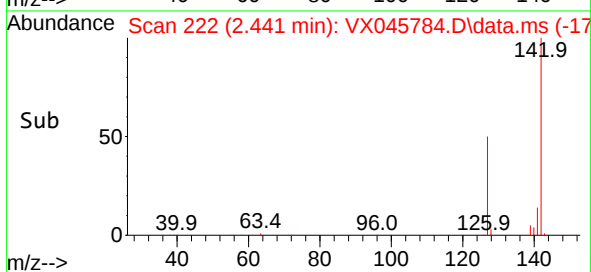
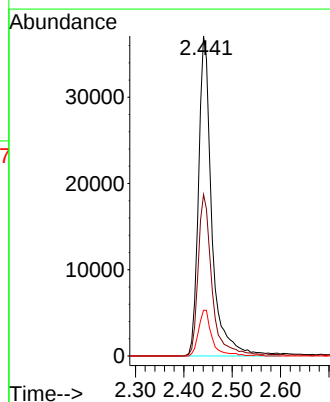
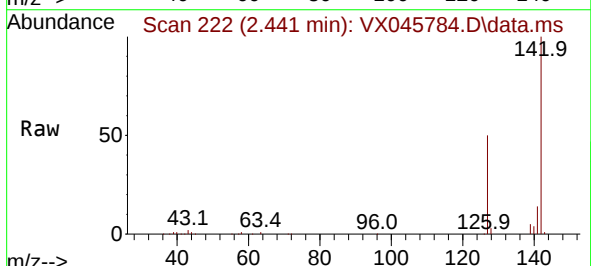
04/16/2025
Supervised By :Semsettin
Yesilyurt

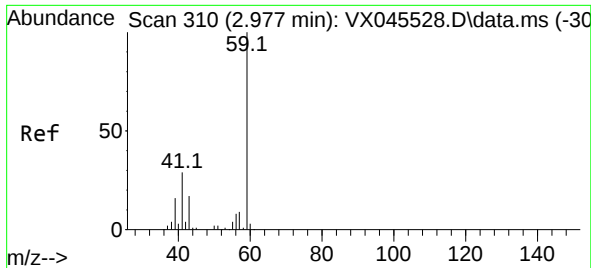
04/16/2025



#10
Methyl Iodide
Concen: 46.297 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

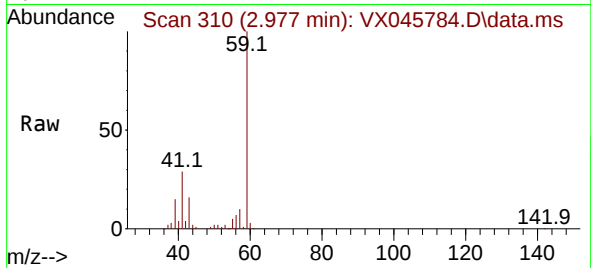
Tgt Ion:142 Resp: 71099
Ion Ratio Lower Upper
142 100
127 52.2 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 235.532 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



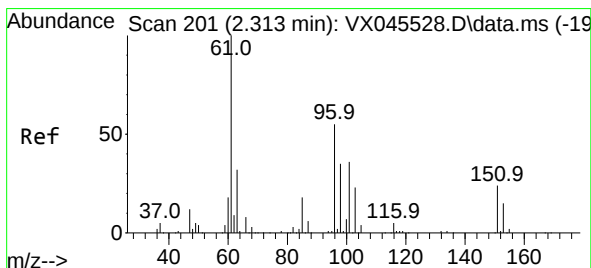
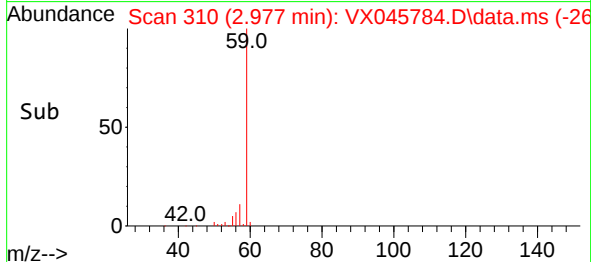
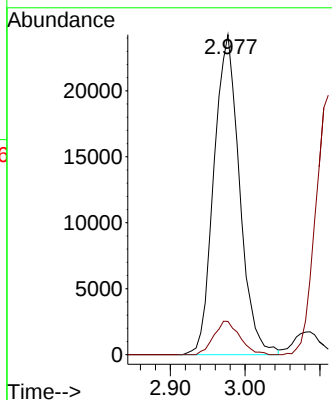
Tgt Ion: 59 Resp: 58010
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

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Reviewed By :John
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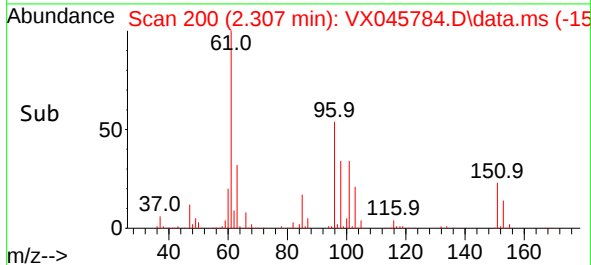
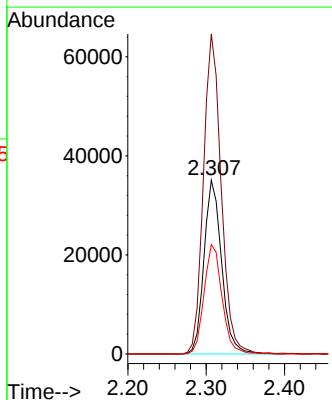
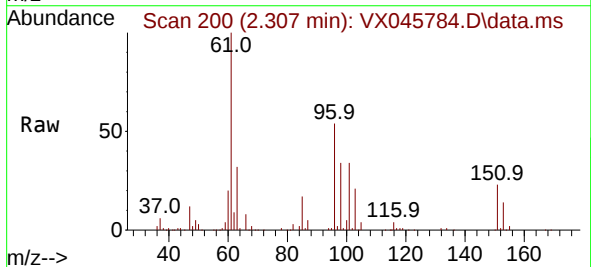
04/16/2025
Supervised By :Semsettin
Yesilyurt

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#12
1,1-Dichloroethene
Concen: 45.546 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 96 Resp: 54795
Ion Ratio Lower Upper
96 100
61 184.1 145.7 218.5
98 63.0 51.6 77.4





#13
Acrolein
Concen: 169.033 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

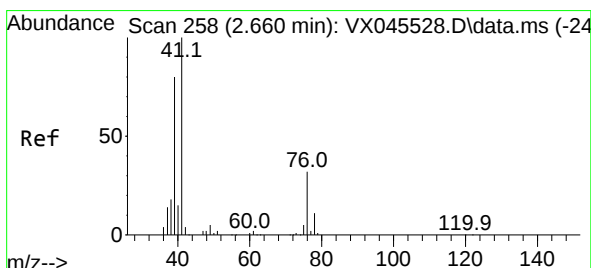
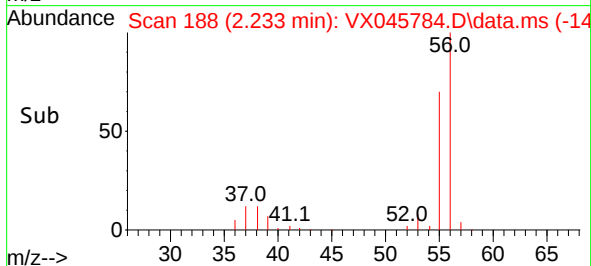
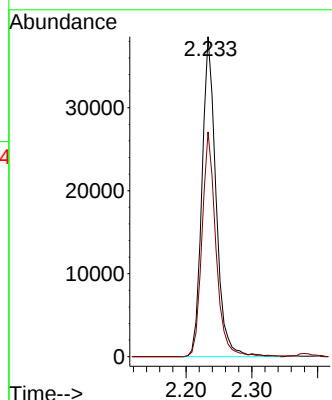
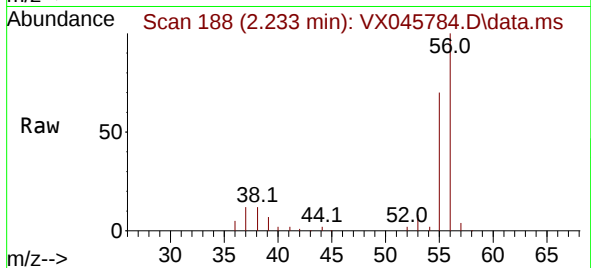
Tgt Ion: 56 Resp: 57330
Ion Ratio Lower Upper
56 100
55 69.7 56.2 84.2

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Reviewed By :John
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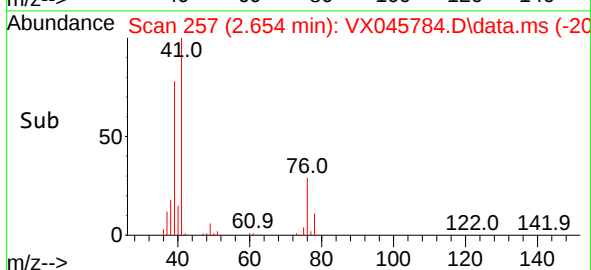
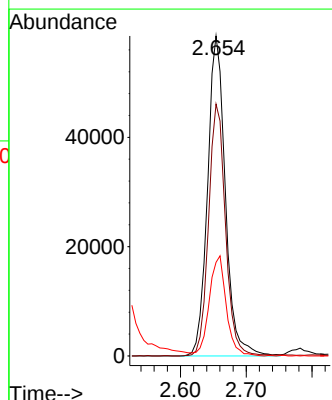
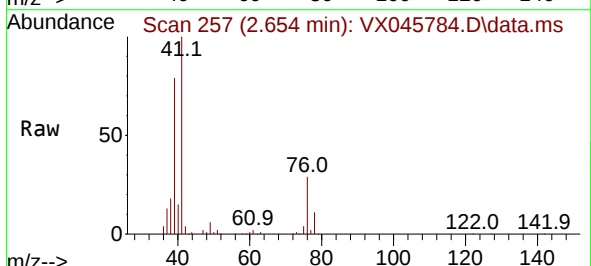
04/16/2025
Supervised By :Semsettin
Yesilyurt

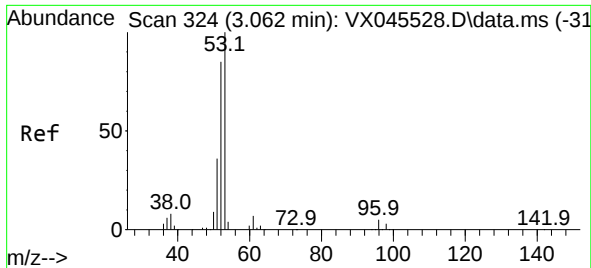
04/16/2025



#14
Allyl chloride
Concen: 48.395 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

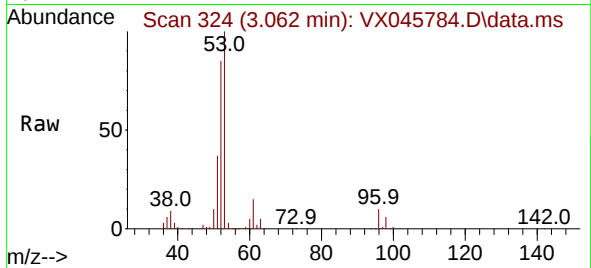
Tgt Ion: 41 Resp: 110470
Ion Ratio Lower Upper
41 100
39 74.7 60.2 90.2
76 29.9 24.6 36.8





#15
Acrylonitrile
Concen: 236.512 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



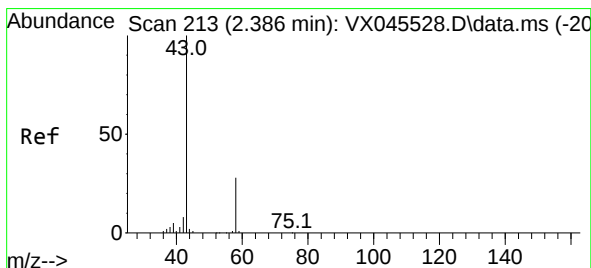
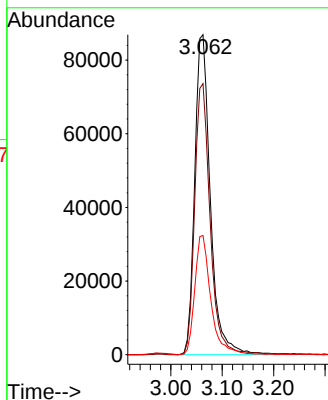
Tgt Ion: 53 Resp: 183879
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 38.2 29.9 44.9

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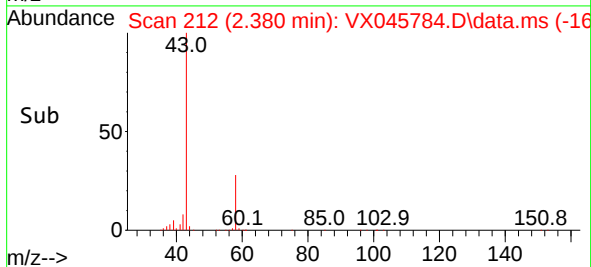
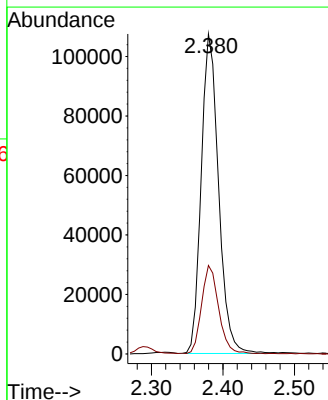
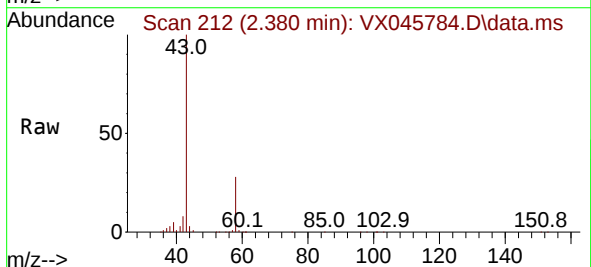
04/16/2025
Supervised By :Semsettin
Yesilyurt

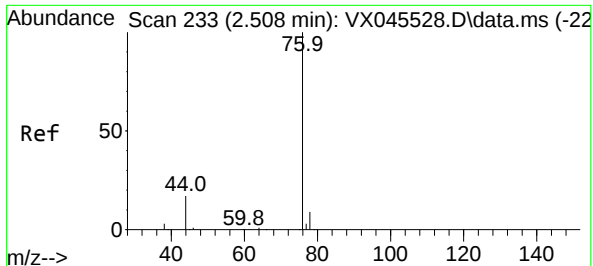
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#16
Acetone
Concen: 240.773 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 43 Resp: 181191
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5





#17
Carbon Disulfide
Concen: 40.533 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

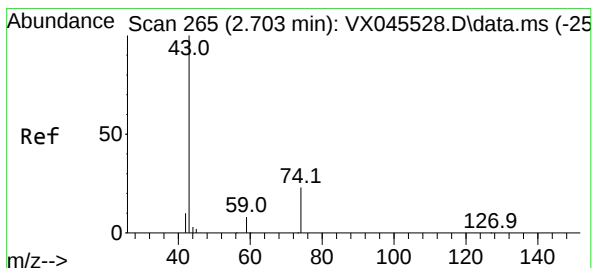
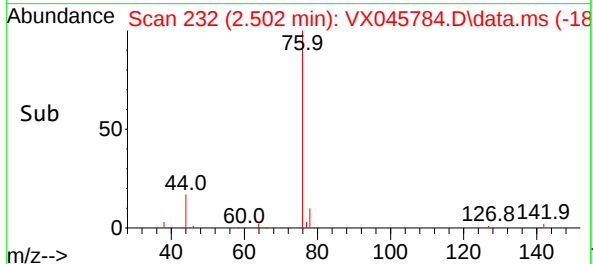
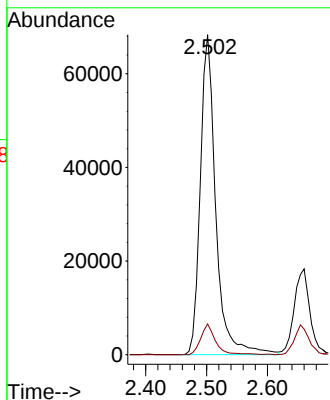
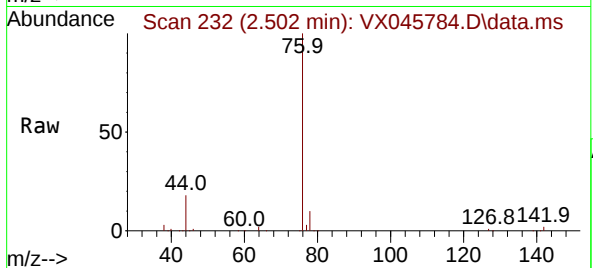
Tgt Ion: 76 Resp: 120440
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

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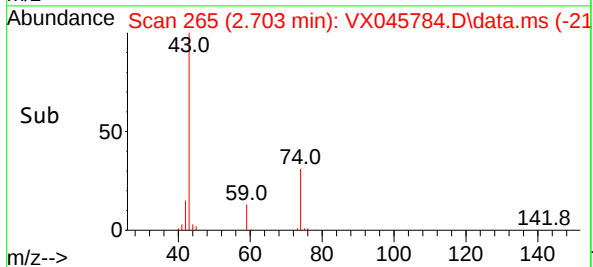
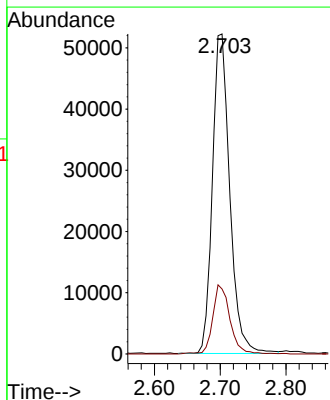
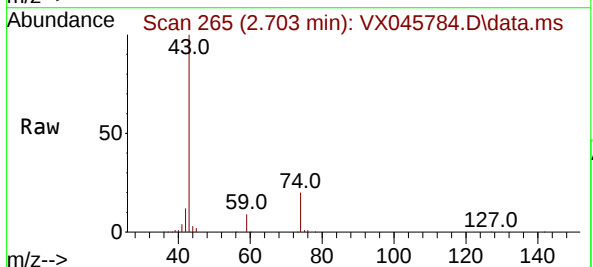
04/16/2025
Supervised By :Semsettin
Yesilyurt

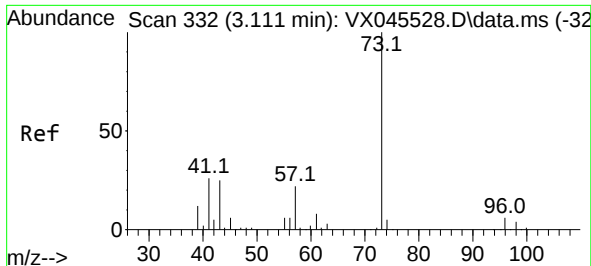
04/16/2025



#18
Methyl Acetate
Concen: 55.350 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

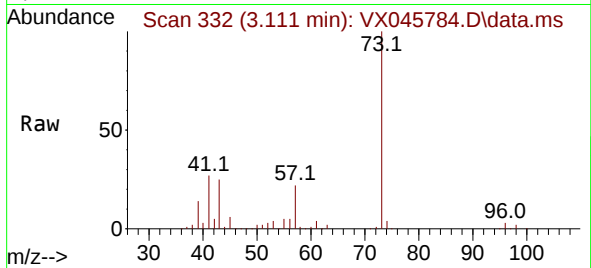
Tgt Ion: 43 Resp: 95900
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 48.632 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



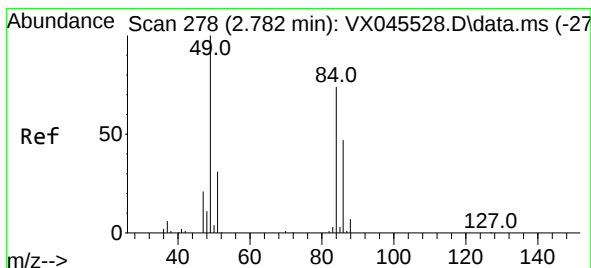
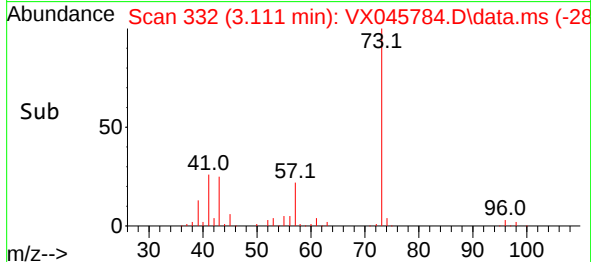
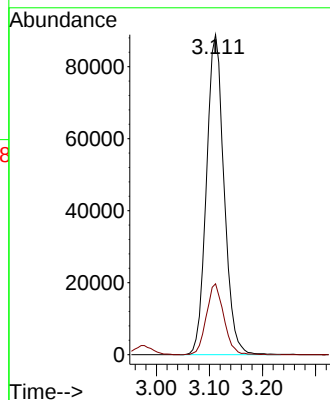
Tgt Ion: 73 Resp: 204670
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

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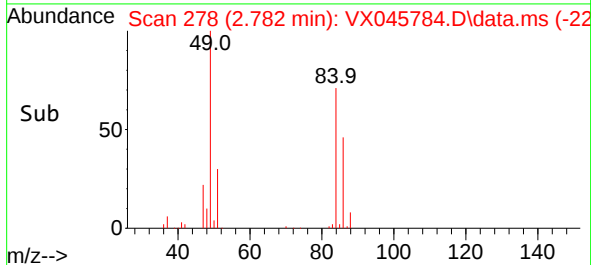
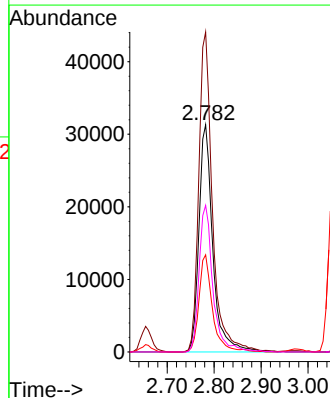
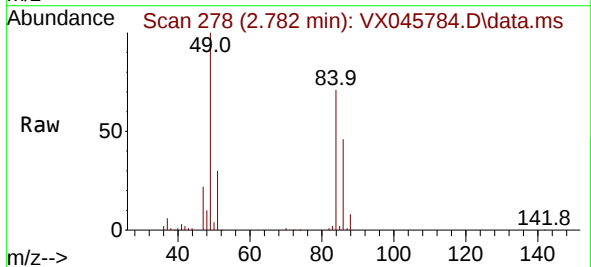
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Supervised By :Semsettin
Yesilyurt

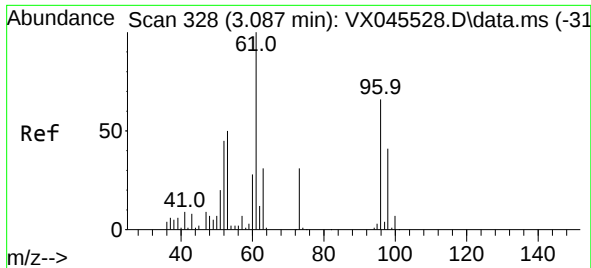
04/16/2025



#20
Methylene Chloride
Concen: 45.787 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

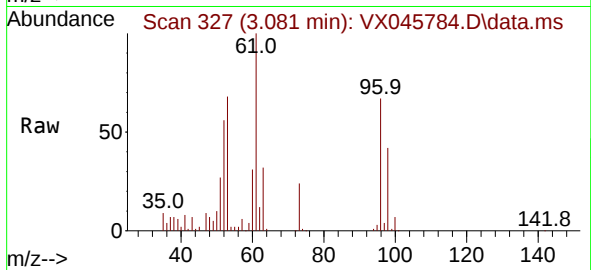
Tgt Ion: 84 Resp: 64507
Ion Ratio Lower Upper
84 100
49 140.8 107.5 161.3
51 42.7 33.0 49.6
86 64.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 45.163 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



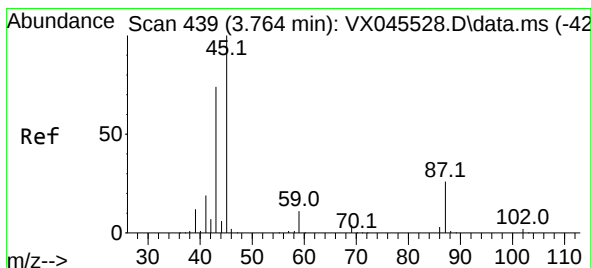
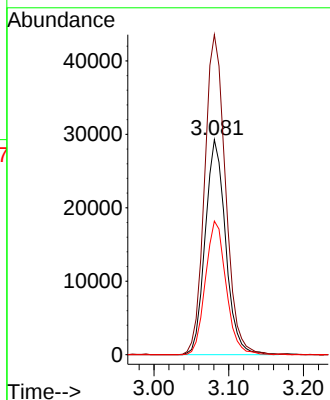
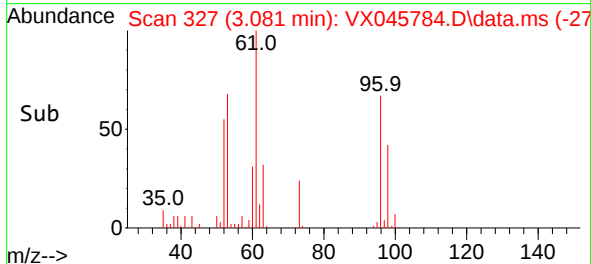
Tgt Ion: 96 Resp: 55510
Ion Ratio Lower Upper
96 100
61 148.8 121.0 181.6
98 62.1 49.7 74.5

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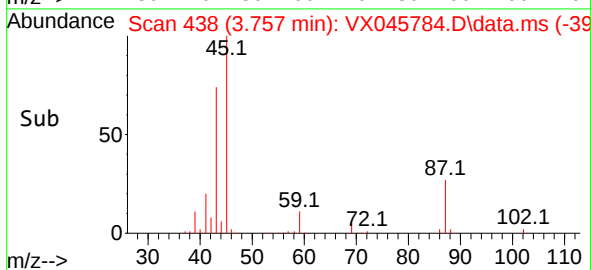
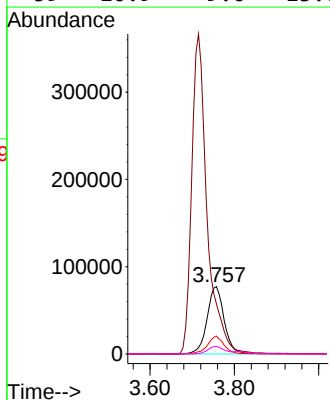
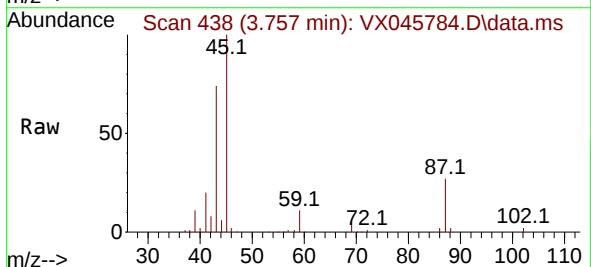
04/16/2025
Supervised By :Semsettin
Yesilyurt

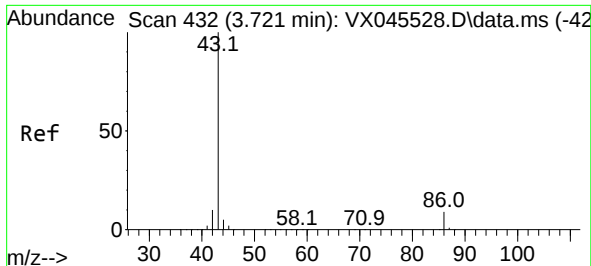
04/16/2025



#22
Diisopropyl ether
Concen: 48.490 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 45 Resp: 218039
Ion Ratio Lower Upper
45 100
43 74.2 59.3 88.9
87 26.7 20.4 30.6
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 240.774 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

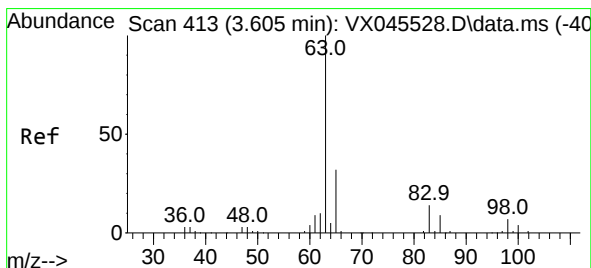
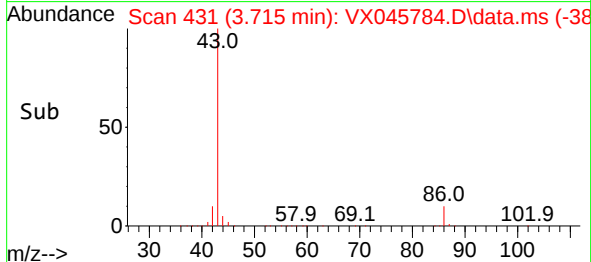
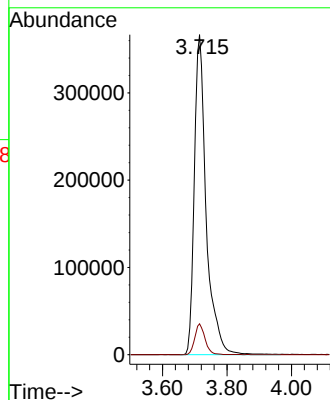
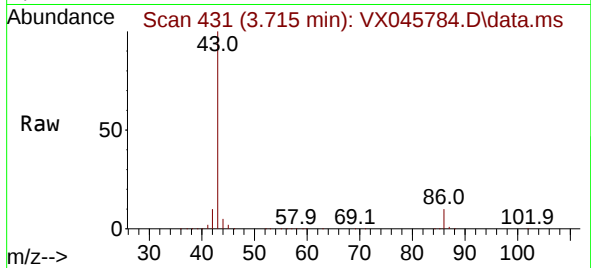
Tgt Ion: 43 Resp: 93540
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

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Reviewed By :John
 Carlone

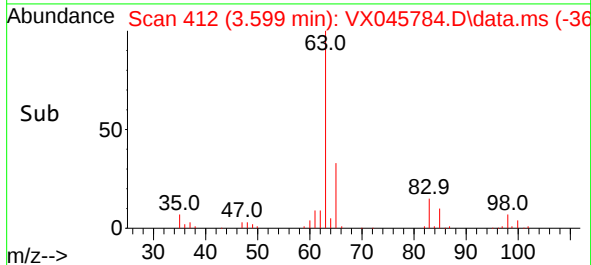
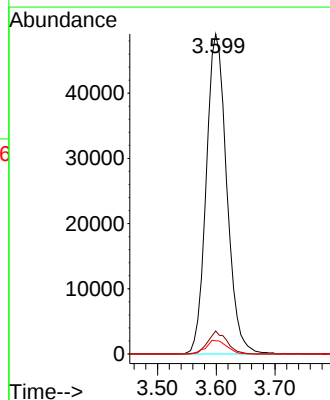
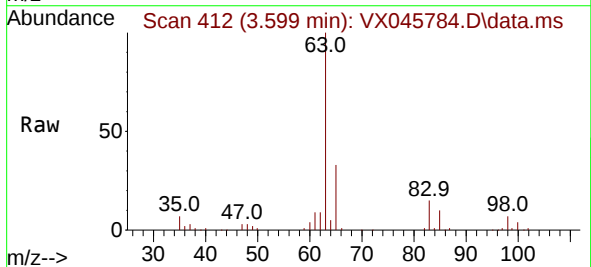
04/16/2025
 Supervised By :Semsettin
 Yesilyurt

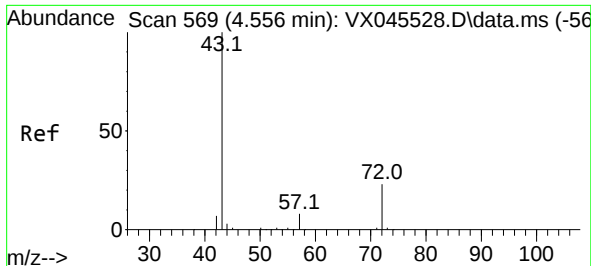
04/16/2025



#24
 1,1-Dichloroethane
 Concen: 46.728 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Tgt Ion: 63 Resp: 118828
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.1 2.2 6.6





#25
2-Butanone
Concen: 241.512 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

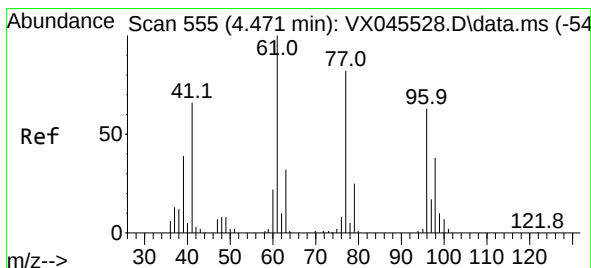
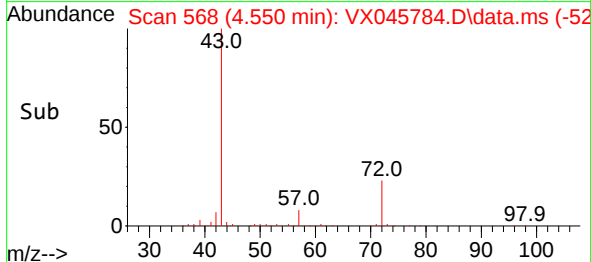
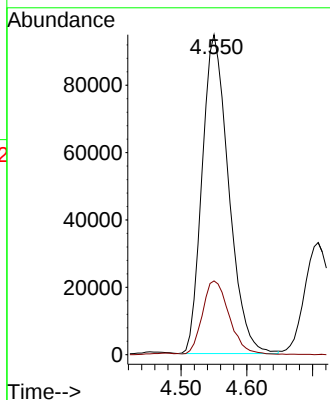
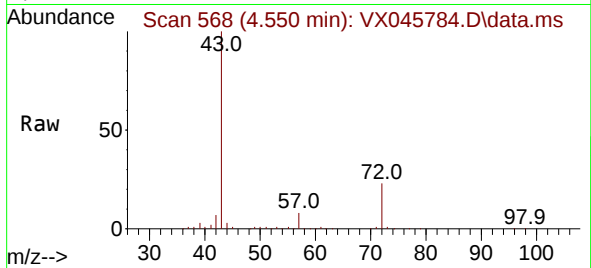
Tgt Ion: 43 Resp: 26604
Ion Ratio Lower Upper
43 100
72 23.0 18.6 28.0

Manual Integrations
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Reviewed By :John
Carlone

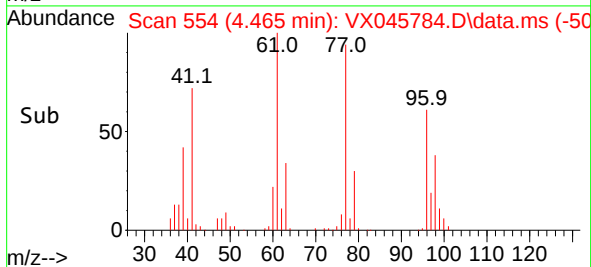
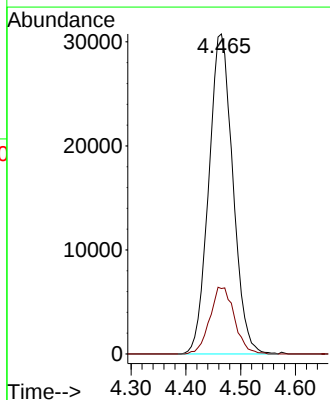
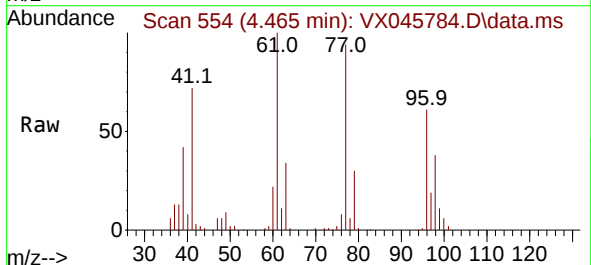
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#26
2,2-Dichloropropane
Concen: 57.084 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 77 Resp: 93789
Ion Ratio Lower Upper
77 100
97 21.3 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 45.874 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6869
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 313.2
 98 64.6 0.0 126.4

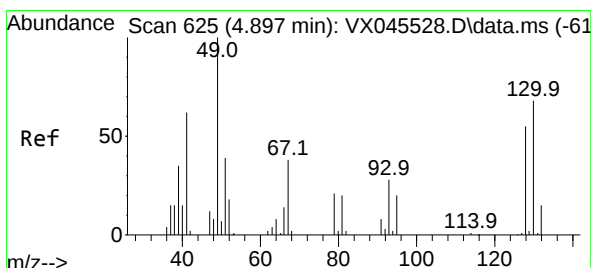
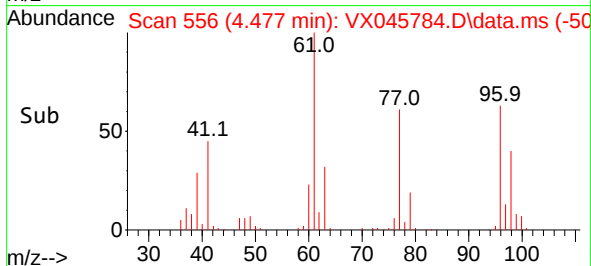
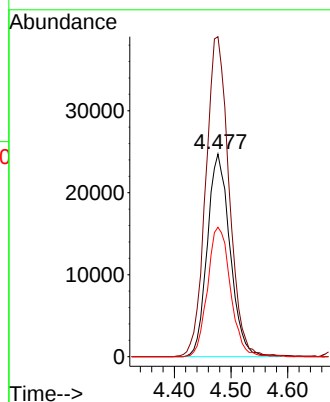
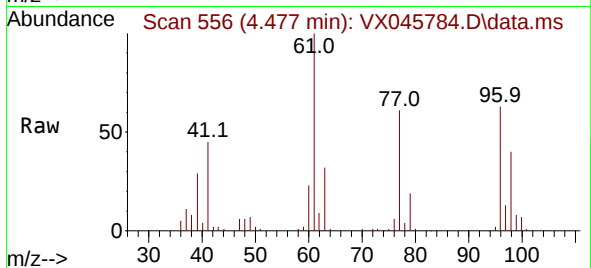
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/16/2025

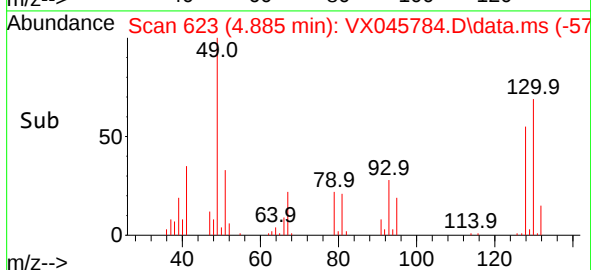
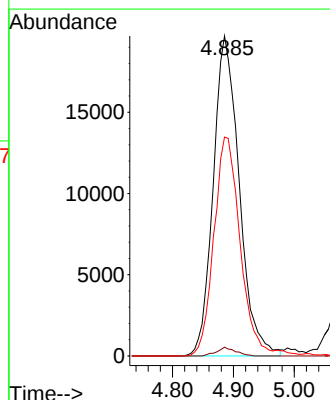
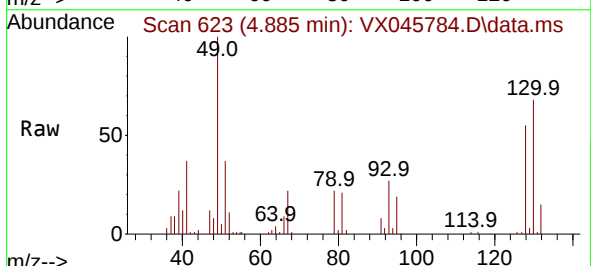
Supervised By :Semsettin
 Yesilyurt

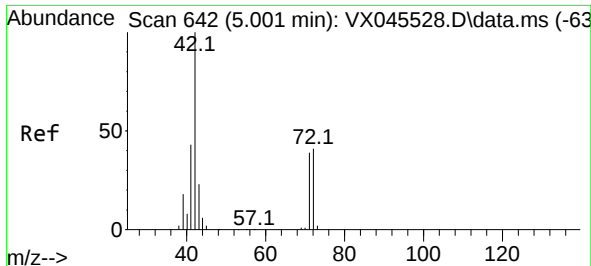
04/16/2025



#28
 Bromochloromethane
 Concen: 47.534 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Tgt Ion: 49 Resp: 58413
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 69.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 231.478 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	16531
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.4	50.0
71	38.3	31.4	47.0

Manual Integrations

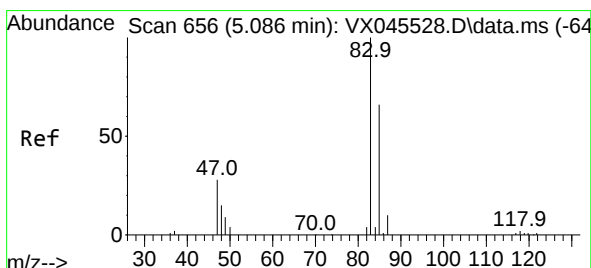
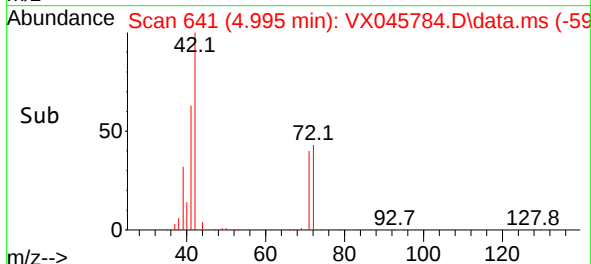
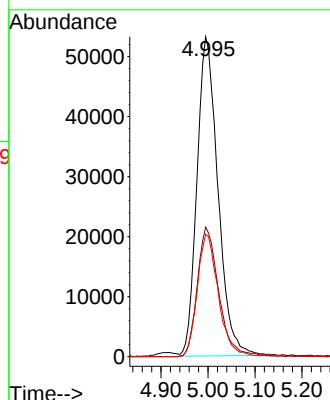
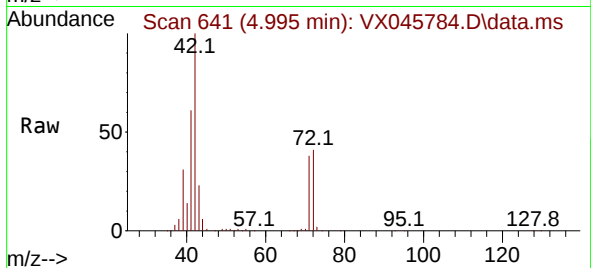
APPROVED

Reviewed By :John
Carlone

04/16/2025

Supervised By :Semsettin
Yesilyurt

04/16/2025



#30

Chloroform

Concen: 47.751 ug/l

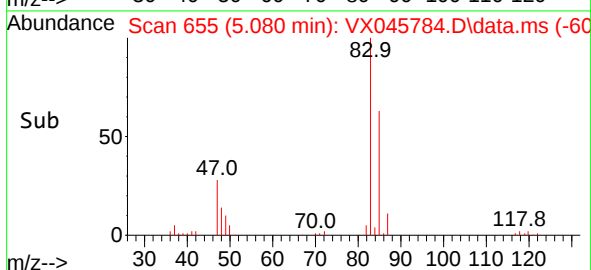
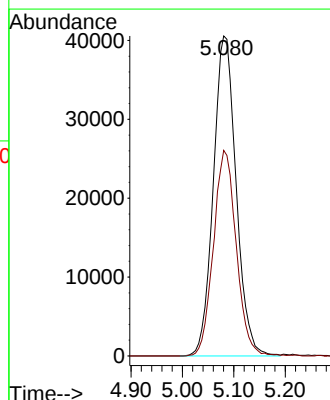
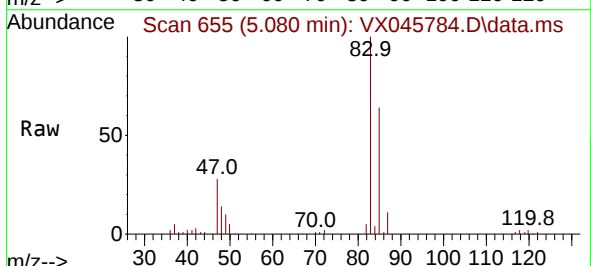
RT: 5.080 min Scan# 655

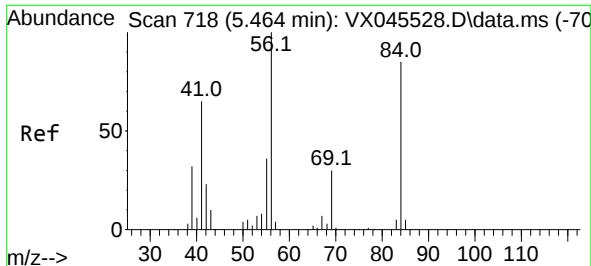
Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

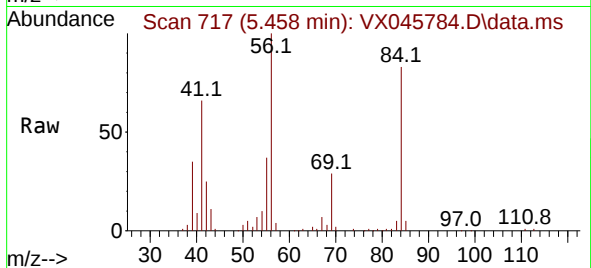
Tgt Ion:	83	Resp:	124948
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.8	79.2





#31
Cyclohexane
Concen: 44.159 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



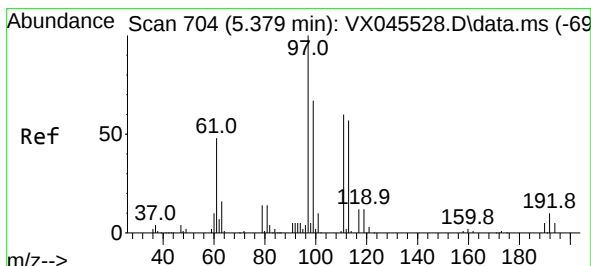
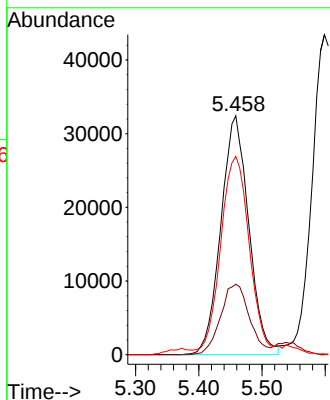
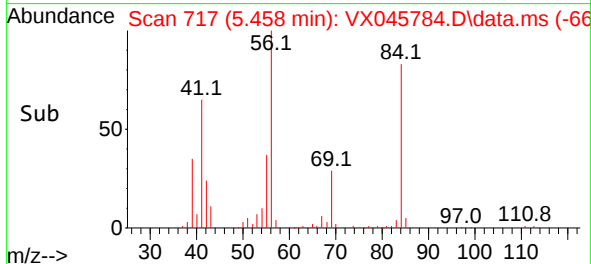
Tgt Ion: 56 Resp: 99275
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 80.9 67.7 101.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

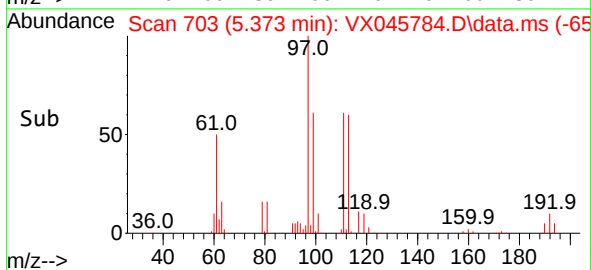
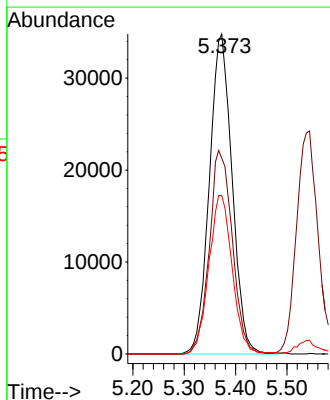
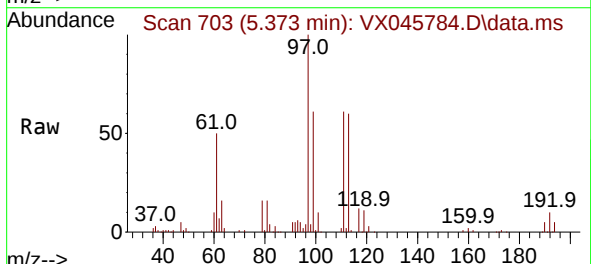
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#32
1,1,1-Trichloroethane
Concen: 48.171 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 97 Resp: 106656
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 50.9 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 49.031 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8985
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0

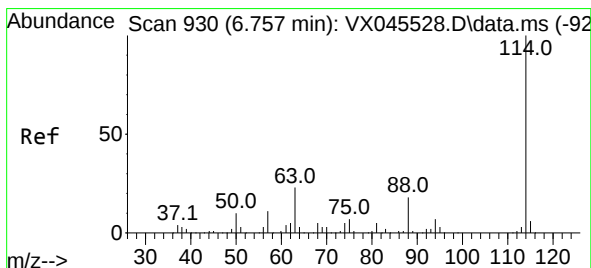
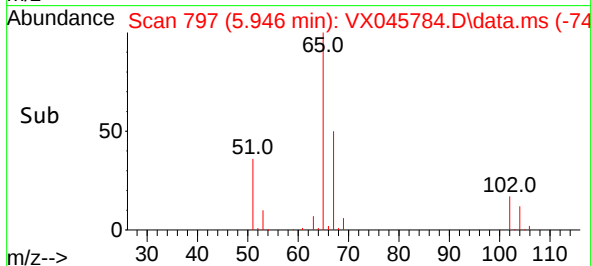
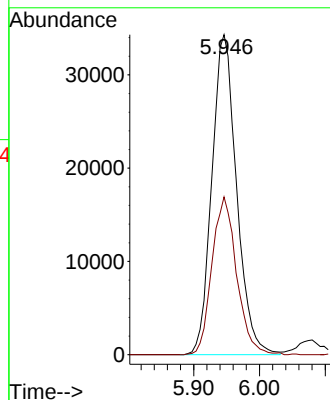
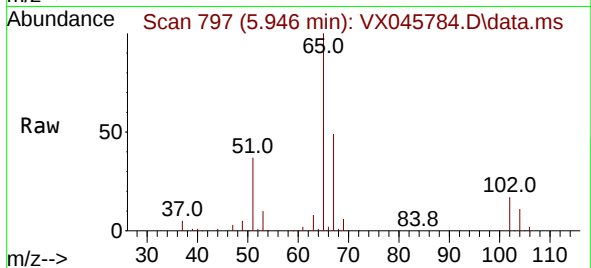
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/16/2025

Supervised By :Semsettin
 Yesilyurt

04/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

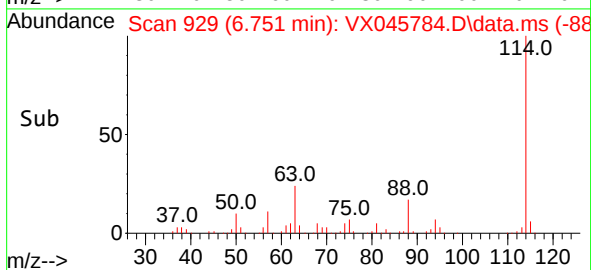
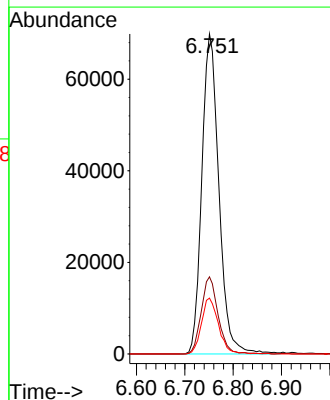
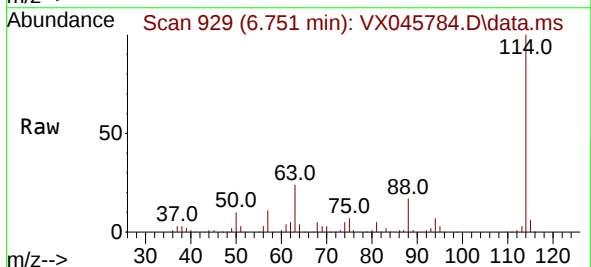
RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Tgt Ion:114 Resp: 171344
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.8
 88 17.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	6211
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	16.3	13.8	20.6

Manual Integrations

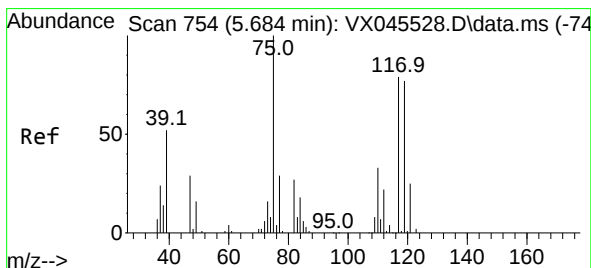
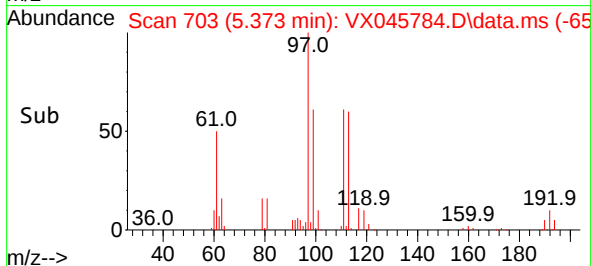
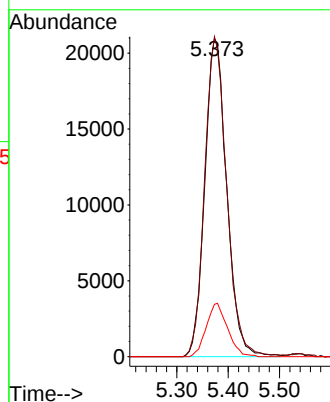
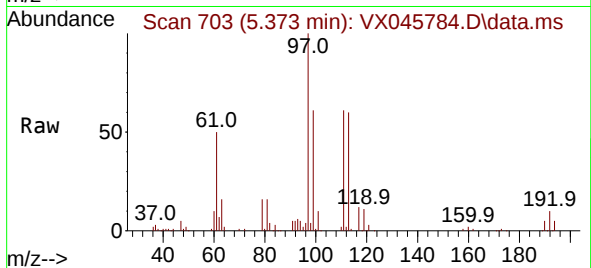
APPROVED

Reviewed By :John
Carlone

04/16/2025

Supervised By :Semsettin
Yesilyurt

04/16/2025



#36

1,1-Dichloropropene

Concen: 47.577 ug/l

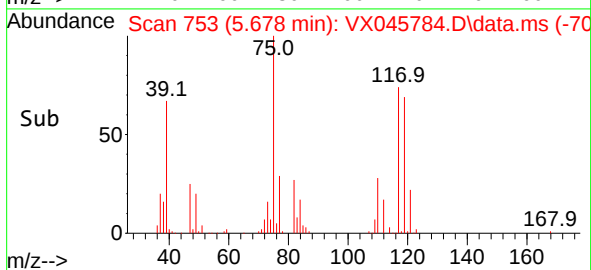
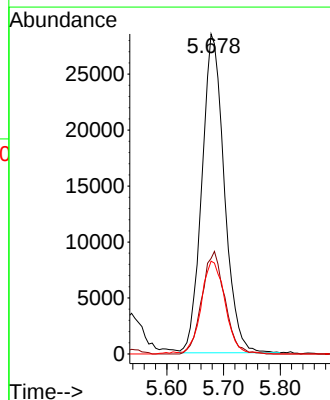
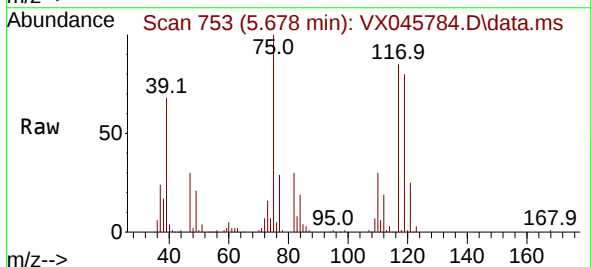
RT: 5.678 min Scan# 753

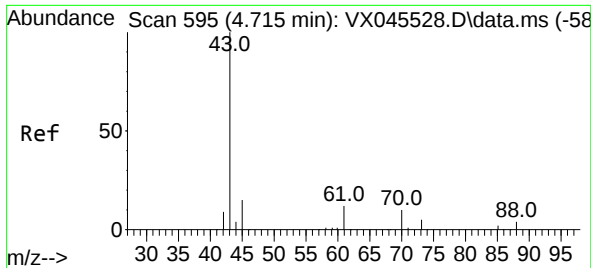
Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Tgt Ion:	75	Resp:	78094
Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.9	50.6
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 47.420 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 98089

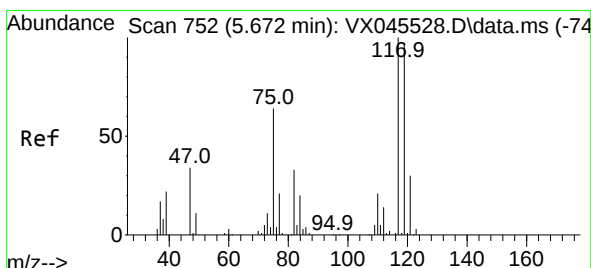
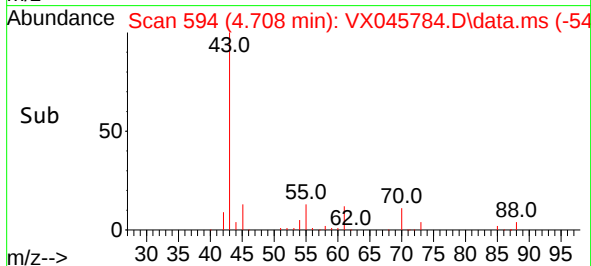
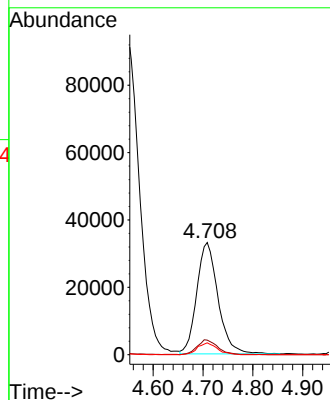
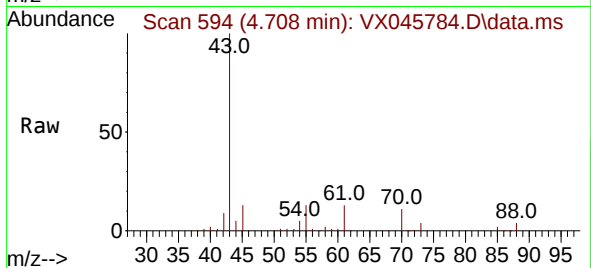
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	9.7	7.5	11.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#38

Carbon Tetrachloride

Concen: 51.337 ug/l

RT: 5.666 min Scan# 751

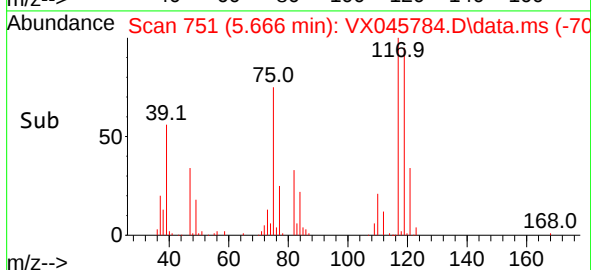
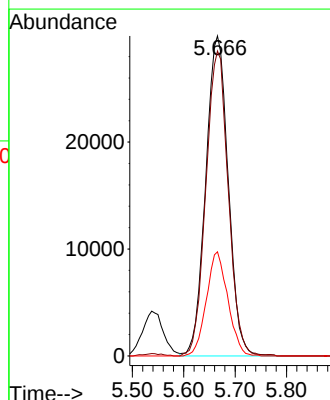
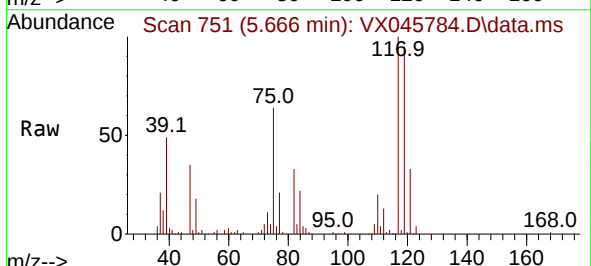
Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Tgt Ion:117 Resp: 91071

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3
121	32.6	24.2	36.2





#39

Methylcyclohexane

Concen: 49.242 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83	Resp: 9907
Ion Ratio	Lower Upper
83 100	
55 86.2	64.9 97.3
98 49.7	37.4 56.0

Manual Integrations

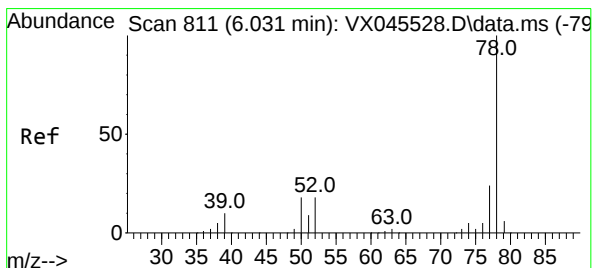
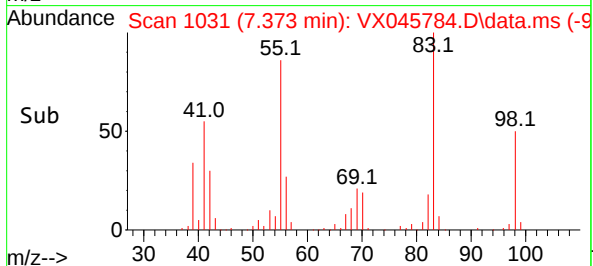
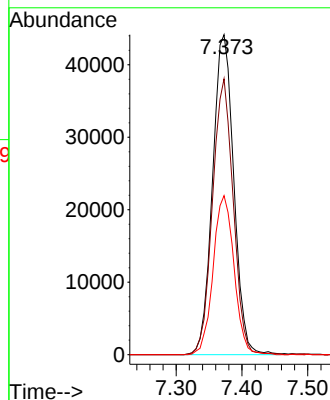
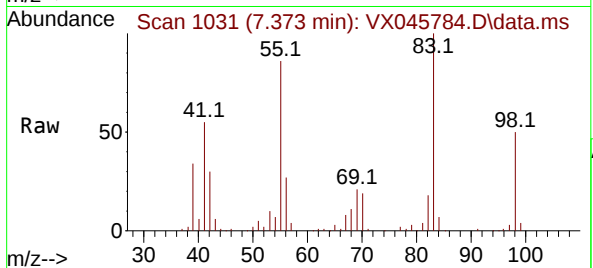
APPROVED

Reviewed By :John
Carlone

04/16/2025

Supervised By :Semsettin
Yesilyurt

04/16/2025



#40

Benzene

Concen: 47.045 ug/l

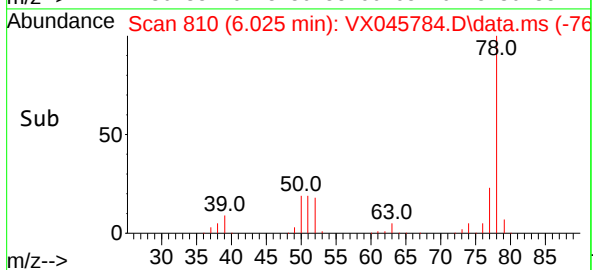
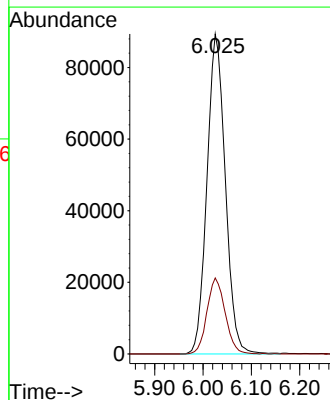
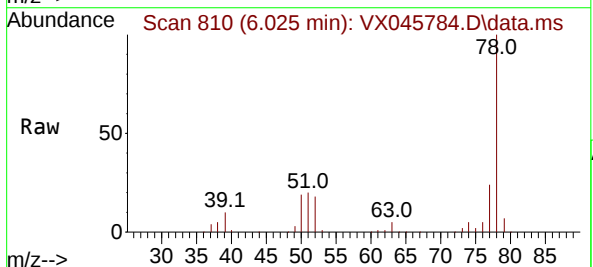
RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

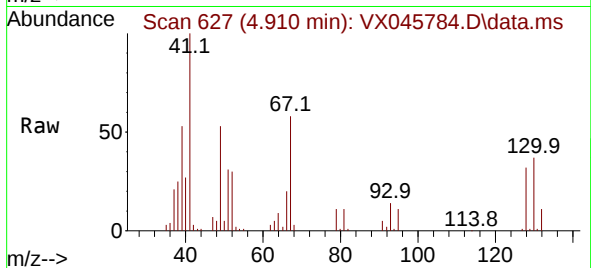
Tgt Ion: 78	Resp: 235840
Ion Ratio	Lower Upper
78 100	
77 23.8	19.0 28.6





#41
Methacrylonitrile
Concen: 51.826 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



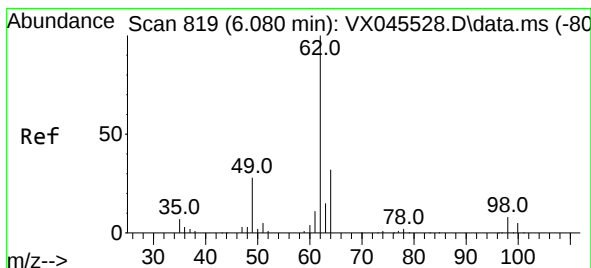
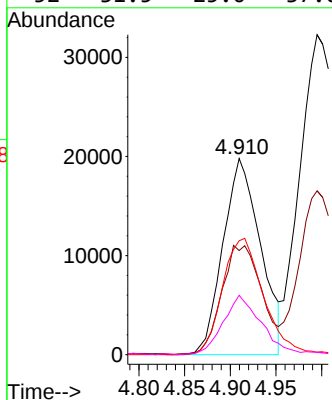
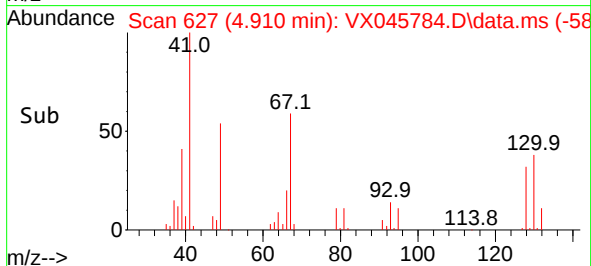
Tgt Ion: 41 Resp: 56564
Ion Ratio Lower Upper
41 100
39 59.6 47.0 70.6
67 65.1 53.2 79.8
52 31.5 25.0 37.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

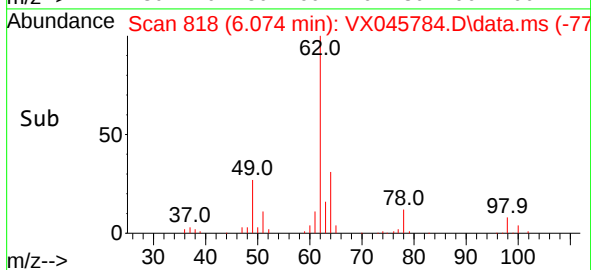
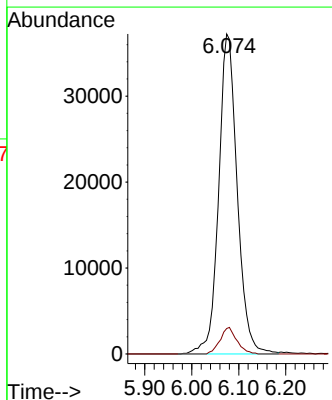
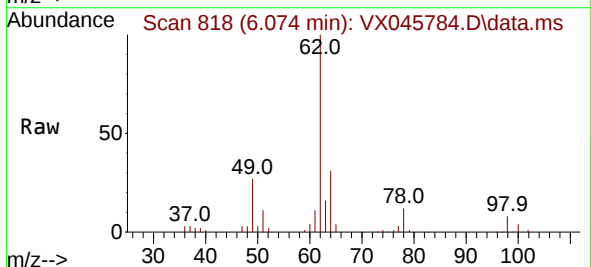
04/16/2025
Supervised By :Semsettin
Yesilyurt

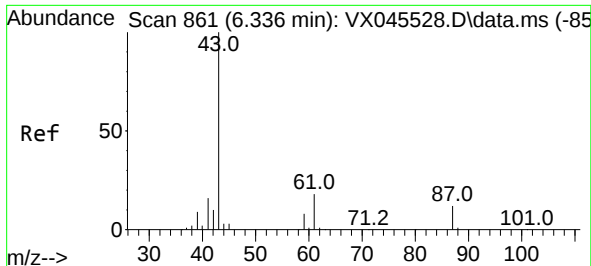
04/16/2025



#42
1,2-Dichloroethane
Concen: 49.511 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

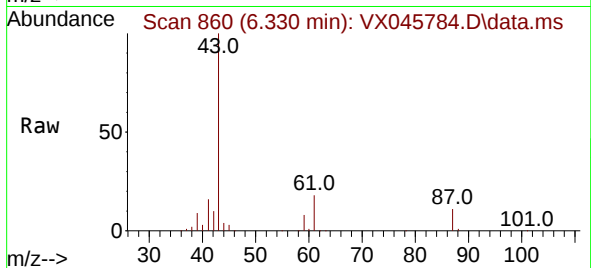
Tgt Ion: 62 Resp: 102514
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 49.761 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



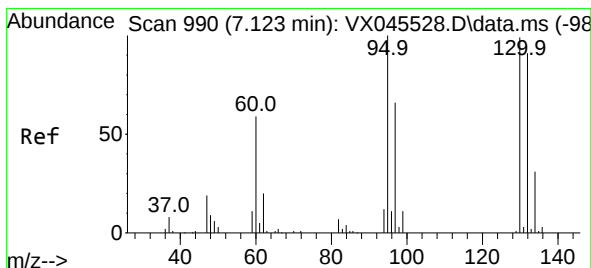
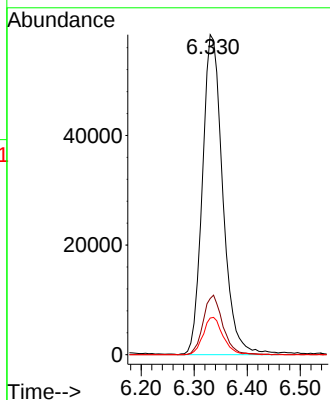
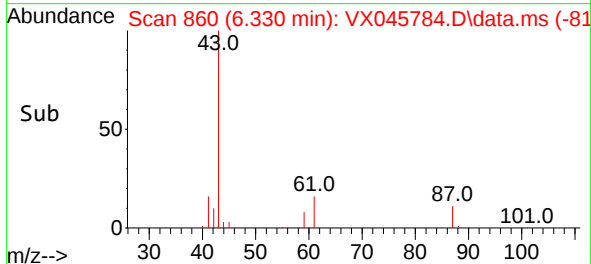
Tgt Ion: 43 Resp: 156000
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.4 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

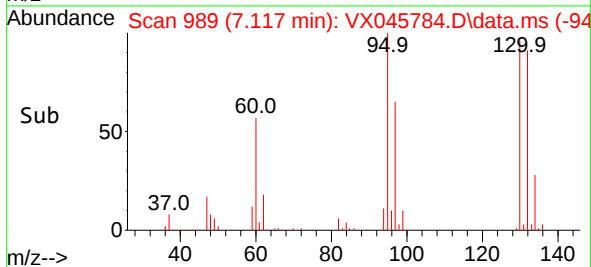
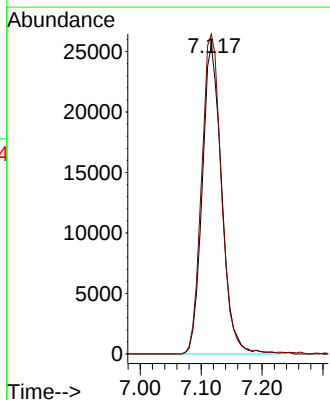
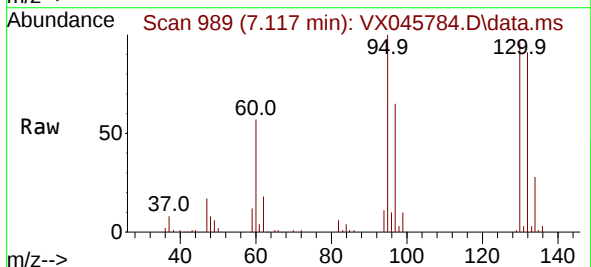
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#44
Trichloroethene
Concen: 47.763 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion:130 Resp: 56911
Ion Ratio Lower Upper
130 100
95 103.7 0.0 202.0





#45

1,2-Dichloropropane

Concen: 48.184 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 60269

Ion Ratio Lower Upper

63 100

65 32.5 25.8 38.6

Manual Integrations

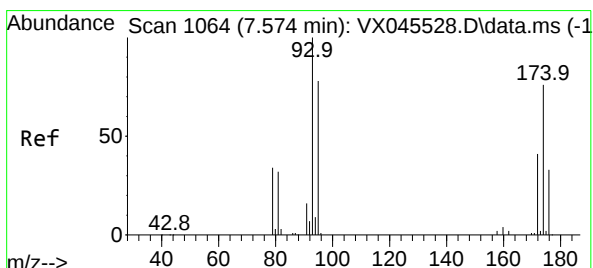
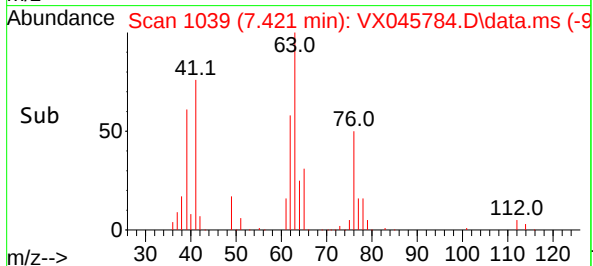
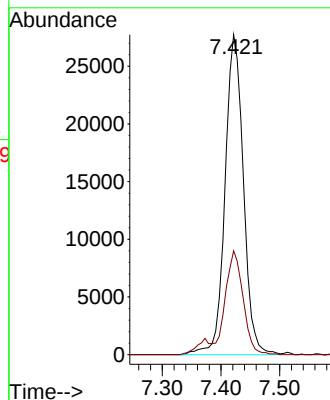
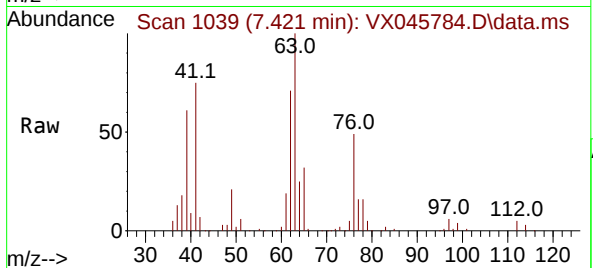
APPROVED

Reviewed By :John
Carlone

04/16/2025

Supervised By :Semsettin
Yesilyurt

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#46

Dibromomethane

Concen: 49.197 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

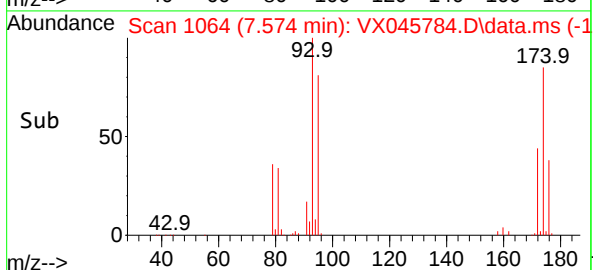
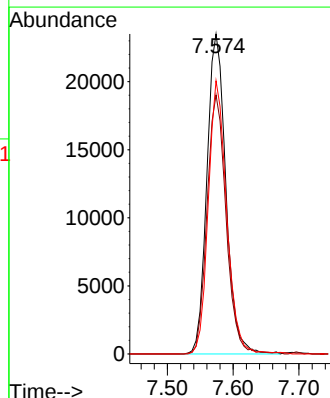
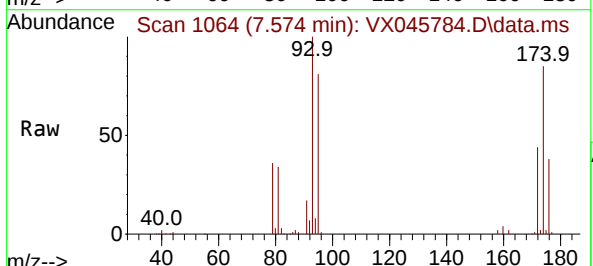
Tgt Ion: 93 Resp: 47238

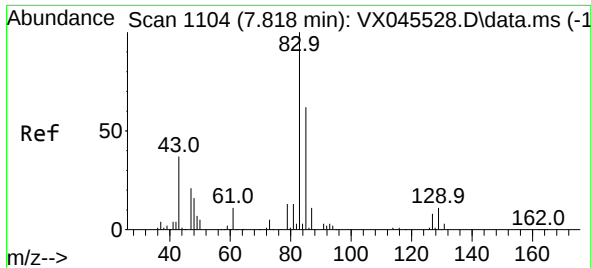
Ion Ratio Lower Upper

93 100

95 81.4 64.8 97.2

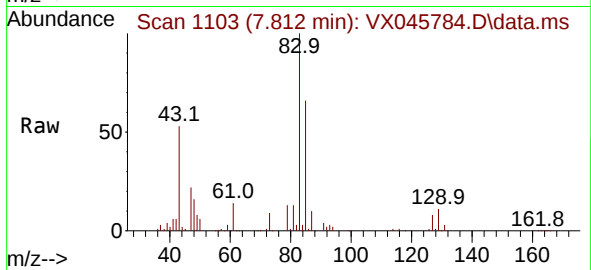
174 83.0 65.4 98.0





#47
Bromodichloromethane
Concen: 50.192 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



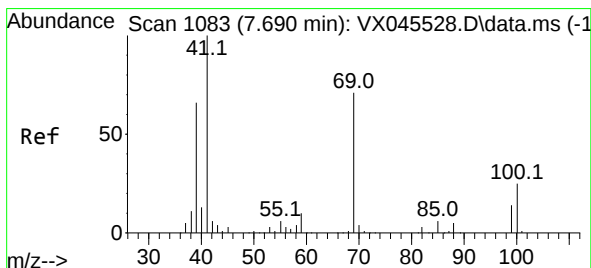
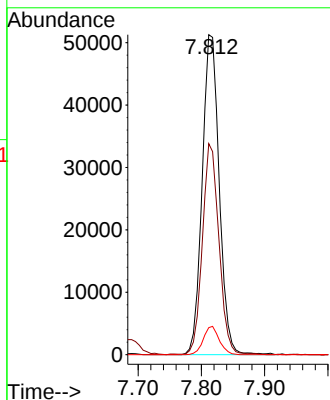
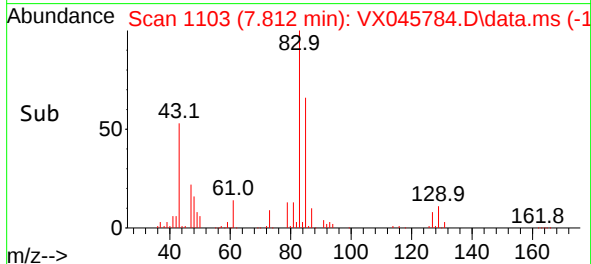
Tgt Ion: 83 Resp: 9624
Ion Ratio Lower Upper
83 100
85 65.8 49.7 74.5
127 8.5 6.1 9.1

Manual Integrations
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Reviewed By :John
Carlone

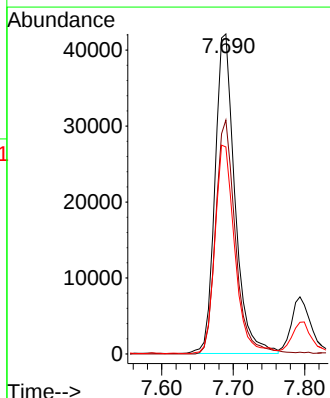
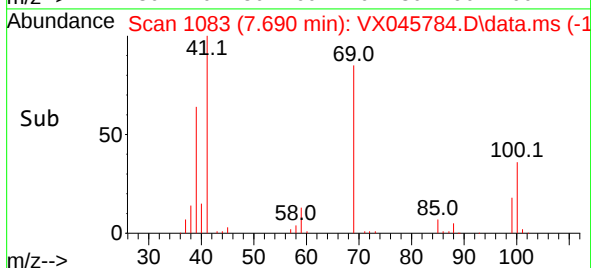
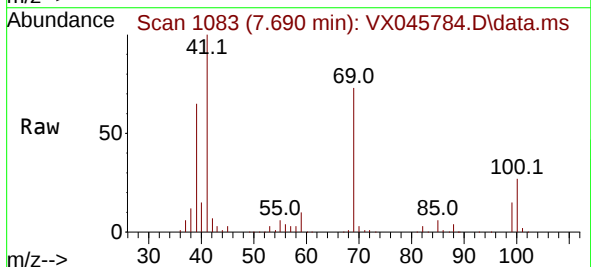
04/16/2025
Supervised By :Semsettin
Yesilyurt

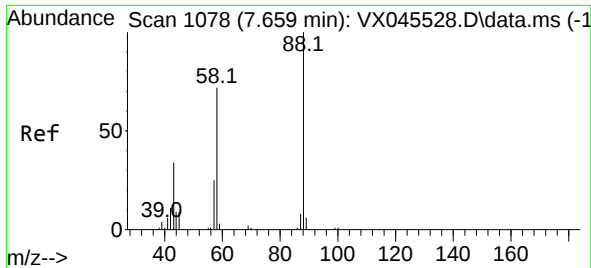
04/16/2025



#48
Methyl methacrylate
Concen: 50.291 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 41 Resp: 81408
Ion Ratio Lower Upper
41 100
69 72.8 58.2 87.2
39 65.0 53.6 80.4





#49
1,4-Dioxane
Concen: 962.303 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

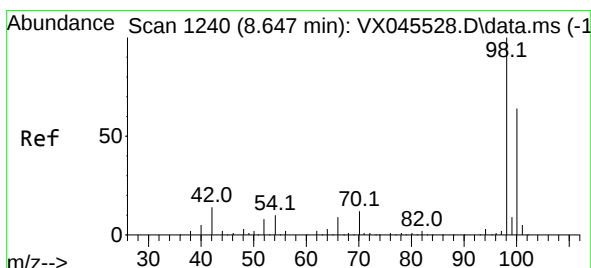
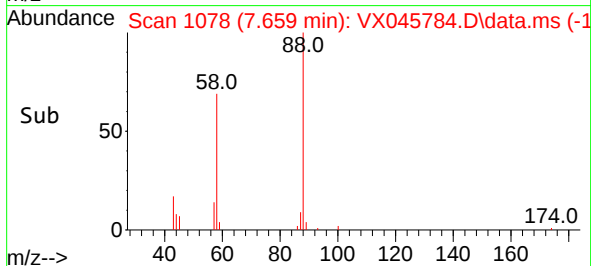
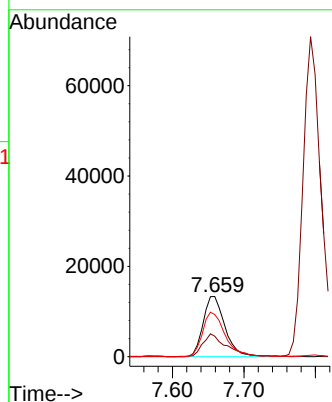
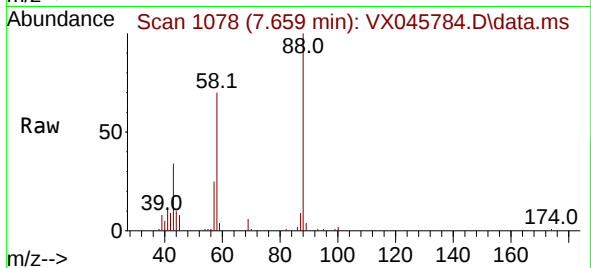
Tgt Ion: 88 Resp: 2818
Ion Ratio Lower Upper
88 100
43 42.4 32.2 48.4
58 76.0 58.6 88.0

Manual Integrations
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Reviewed By :John
Carlone

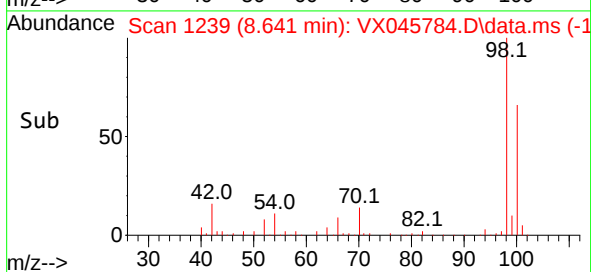
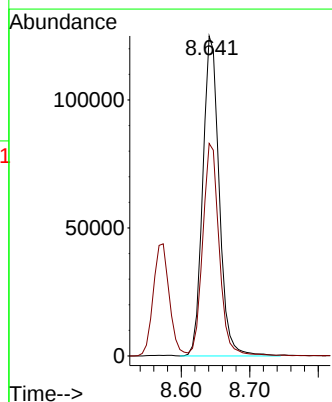
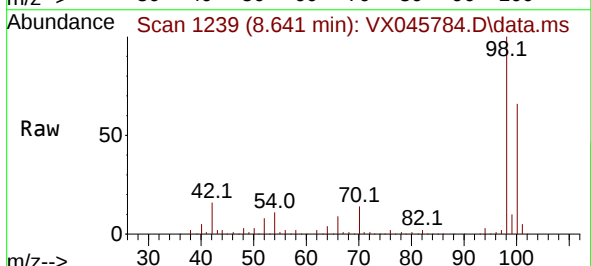
04/16/2025
Supervised By :Semsettin
Yesilyurt

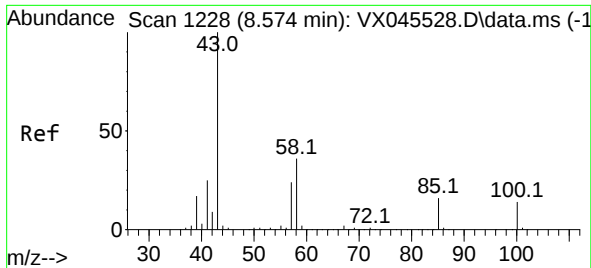
04/16/2025



#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 98 Resp: 208879
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 255.737 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

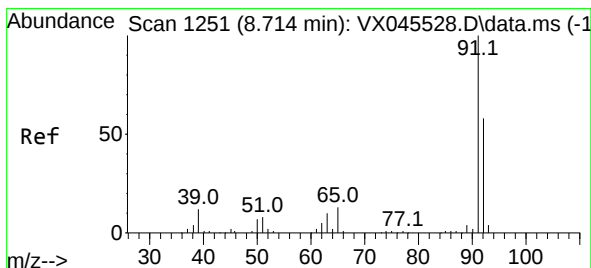
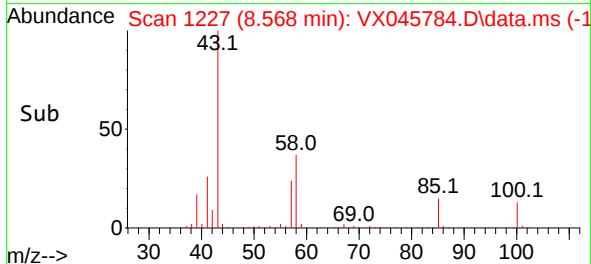
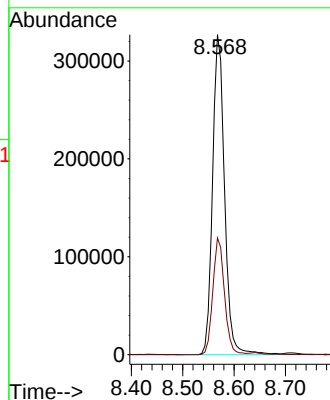
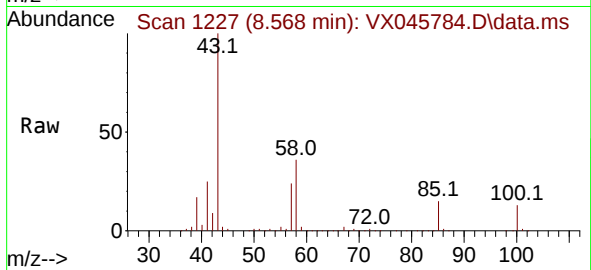
Tgt Ion: 43 Resp: 531508
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

Manual Integrations
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Reviewed By :John
Carlone

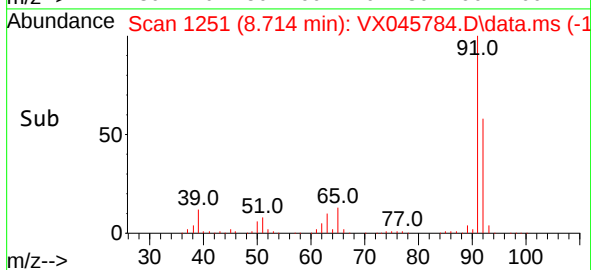
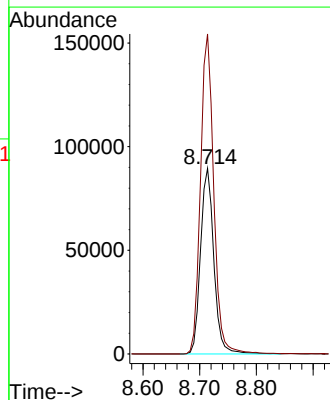
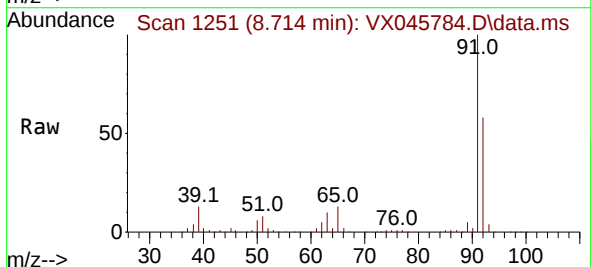
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#52
Toluene
Concen: 48.064 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 92 Resp: 145799
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 46.973 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 86350

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

Manual Integrations

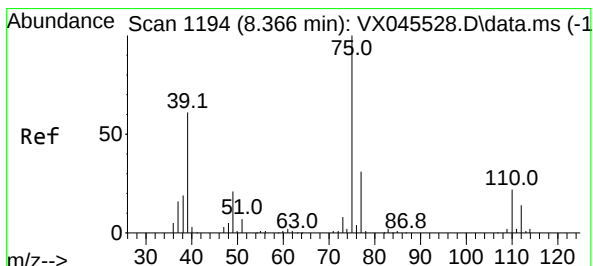
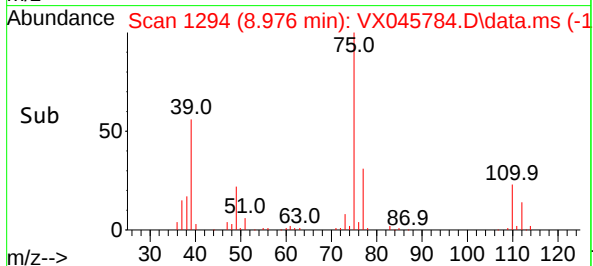
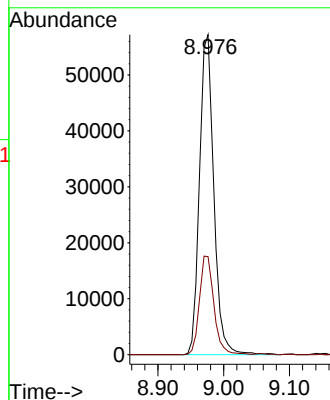
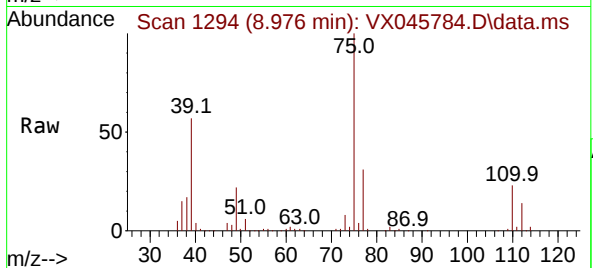
APPROVED

Reviewed By :John
Carlone

04/16/2025

Supervised By :Semsettin
Yesilyurt

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#54

cis-1,3-Dichloropropene

Concen: 52.705 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

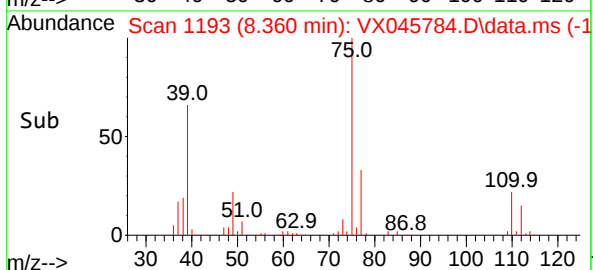
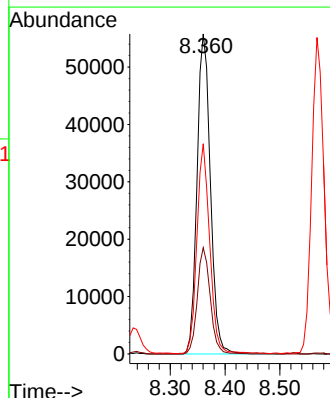
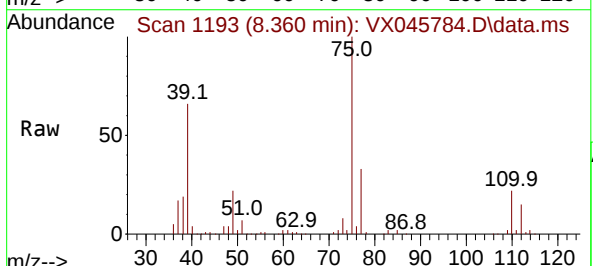
Tgt Ion: 75 Resp: 94971

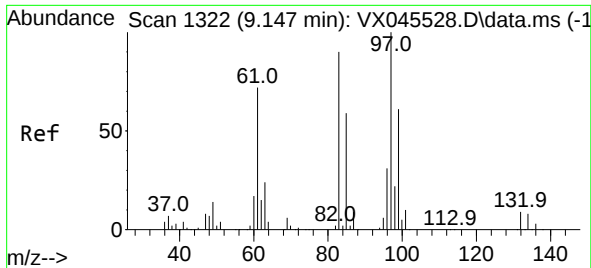
Ion Ratio Lower Upper

75 100

77 33.2 24.6 36.8

39 65.6 48.4 72.6





#55
 1,1,2-Trichloroethane
 Concen: 49.084 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

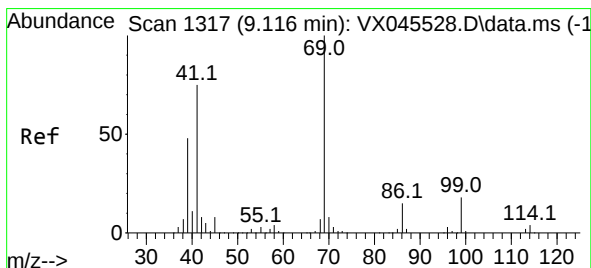
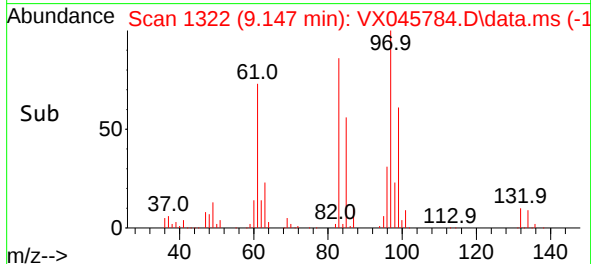
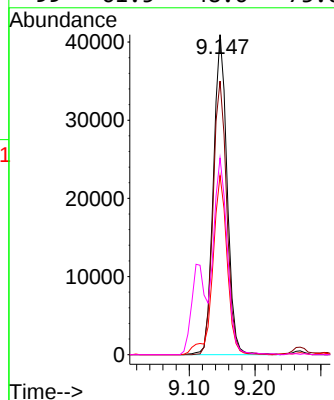
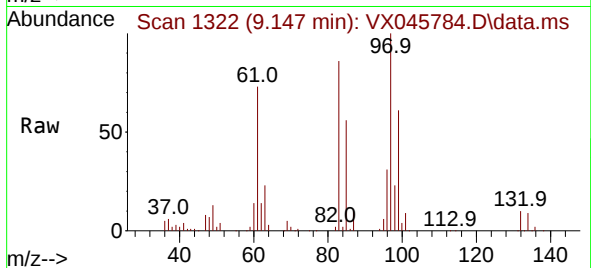
Tgt Ion: 97 Resp: 5933
 Ion Ratio Lower Upper
 97 100
 83 85.5 71.8 107.8
 85 56.0 47.0 70.6
 99 61.5 48.6 73.0

Manual Integrations
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Reviewed By :John
 Carlone

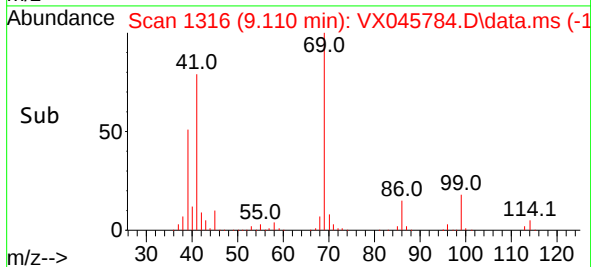
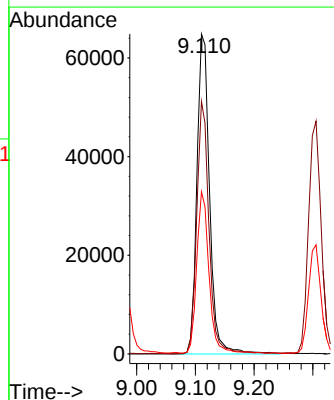
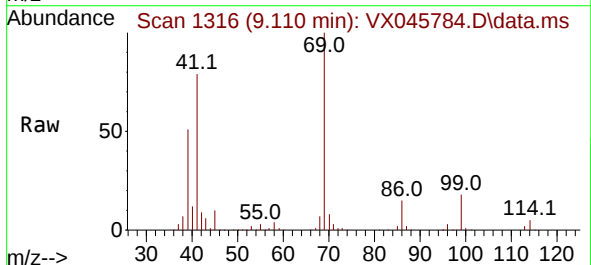
04/16/2025
 Supervised By :Semsettin
 Yesilyurt

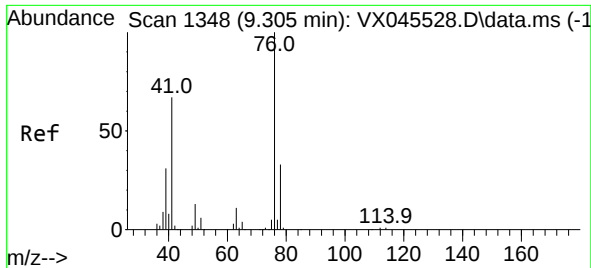
04/16/2025



#56
 Ethyl methacrylate
 Concen: 51.970 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

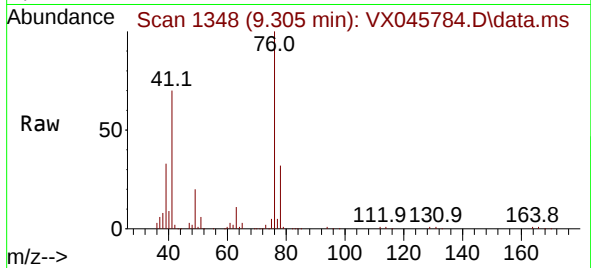
Tgt Ion: 69 Resp: 97222
 Ion Ratio Lower Upper
 69 100
 41 77.2 61.3 91.9
 39 48.9 40.2 60.2





#57
1,3-Dichloropropane
Concen: 48.601 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



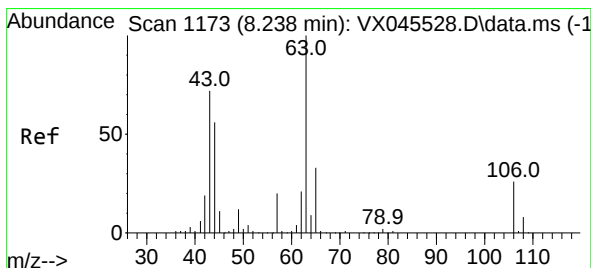
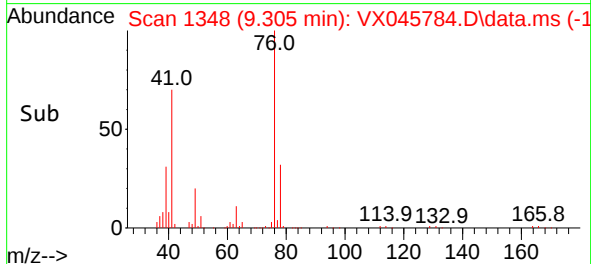
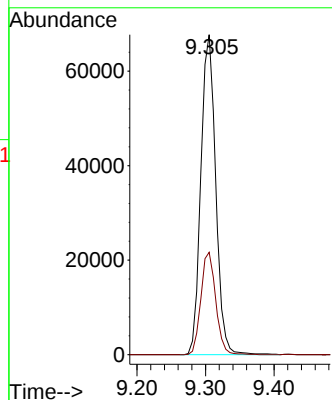
Tgt Ion: 76 Resp: 10230
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

Manual Integrations
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Reviewed By :John
Carlone

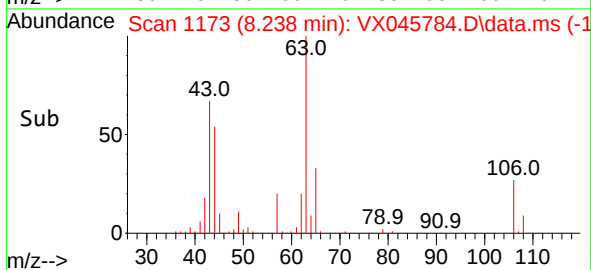
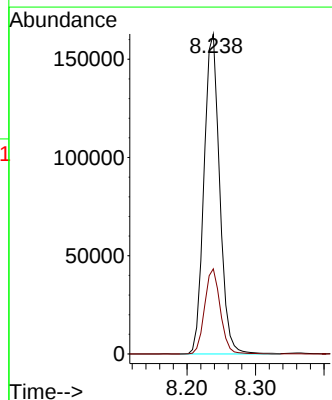
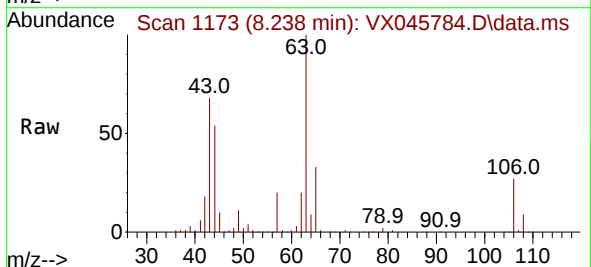
04/16/2025
Supervised By :Semsettin
Yesilyurt

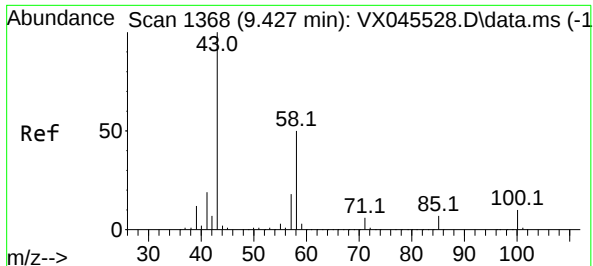
04/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 274.183 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 63 Resp: 259471
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6





#59
2-Hexanone
Concen: 251.933 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

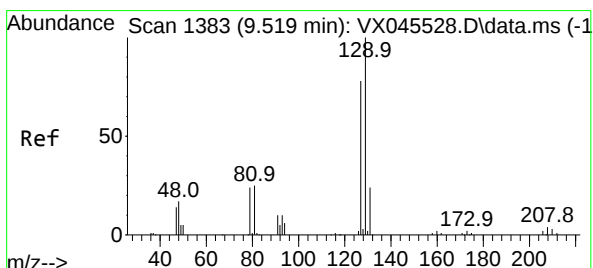
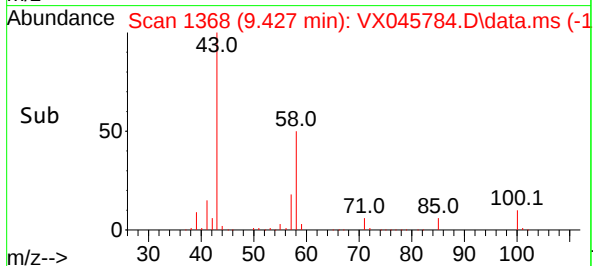
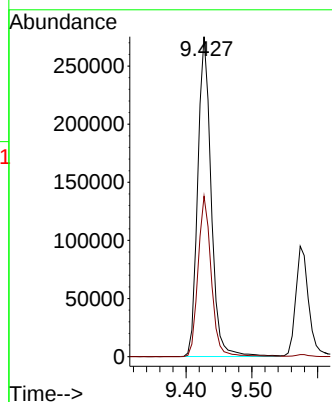
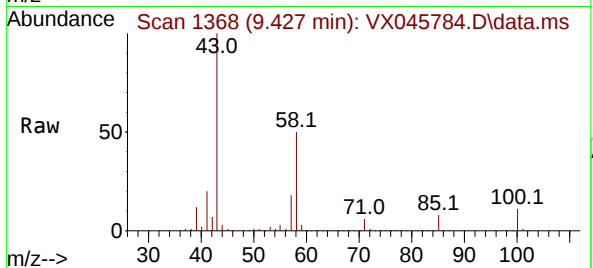
Tgt Ion: 43 Resp: 38774
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

Manual Integrations
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Reviewed By :John
Carlone

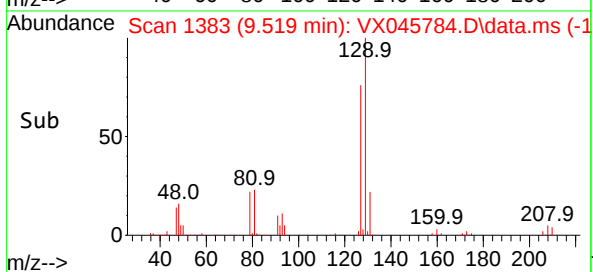
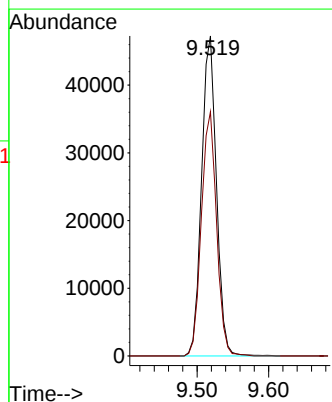
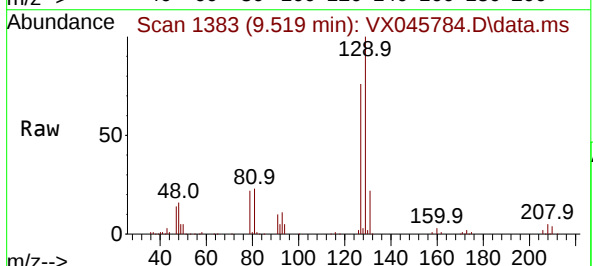
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#60
Dibromochloromethane
Concen: 51.655 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion:129 Resp: 68071
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 49.945 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

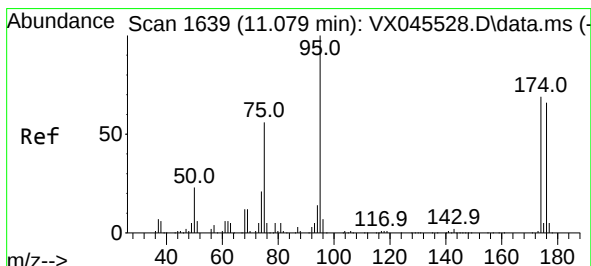
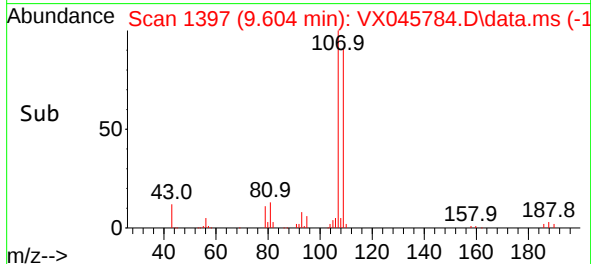
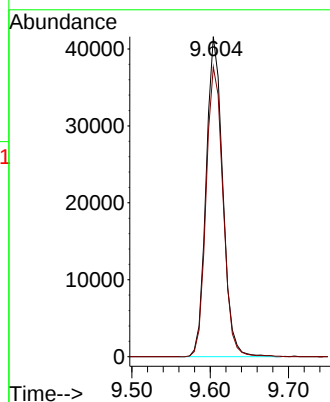
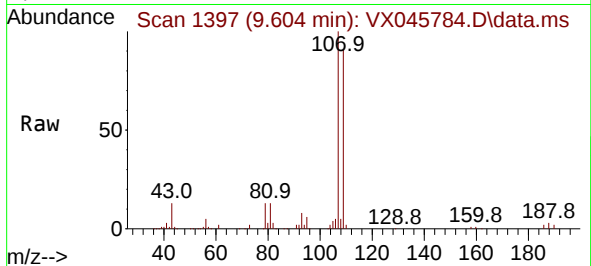
Tgt Ion:107 Resp: 61115
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

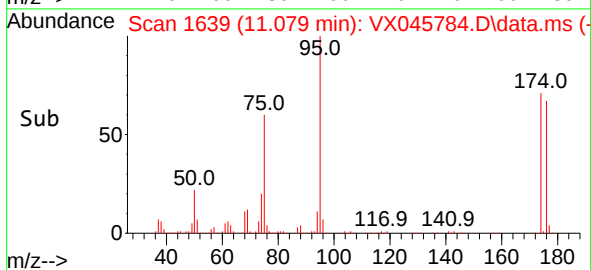
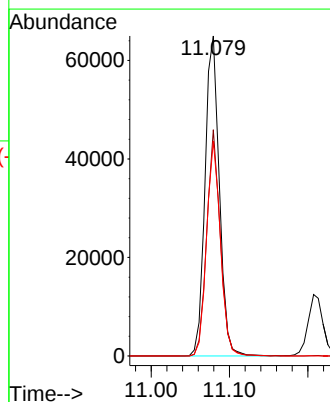
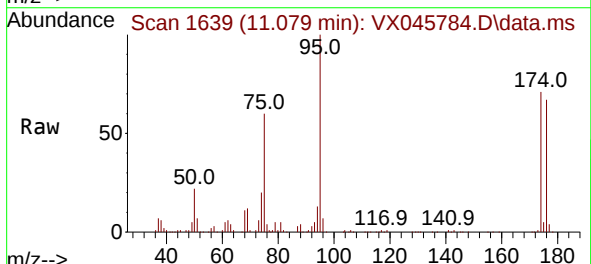
04/16/2025
Supervised By :Semsettin
Yesilyurt

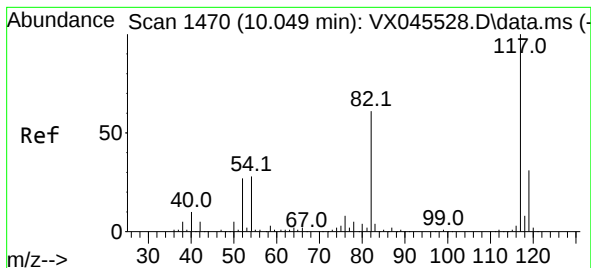
04/16/2025



#62
4-Bromofluorobenzene
Concen: 53.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

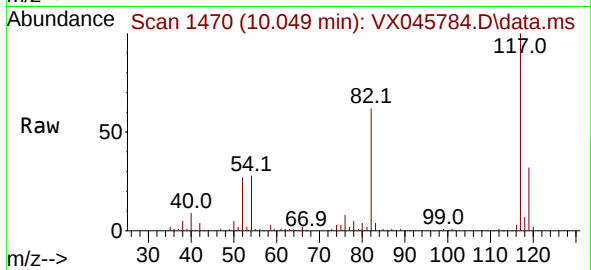
Tgt Ion: 95 Resp: 82134
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



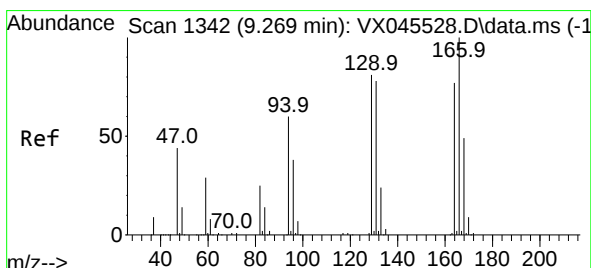
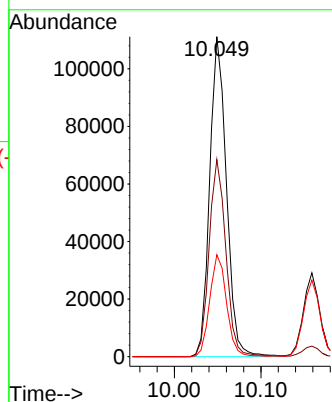
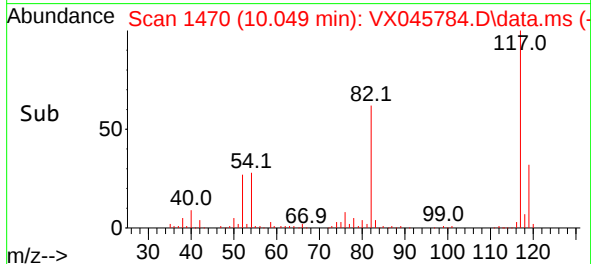
Tgt Ion:117 Resp: 149132
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.9 25.1 37.7

Manual Integrations
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Reviewed By :John
Carlone

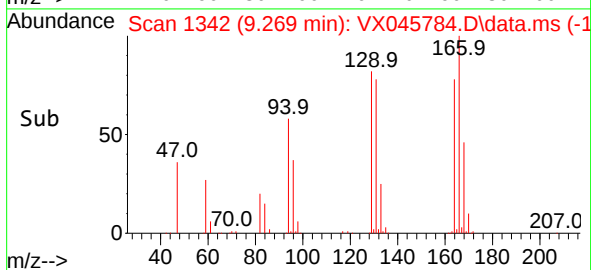
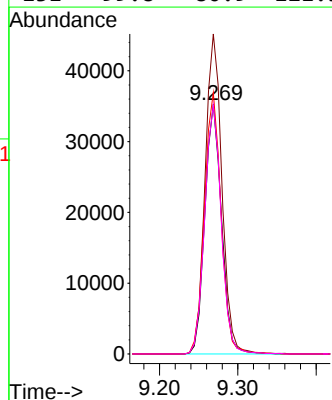
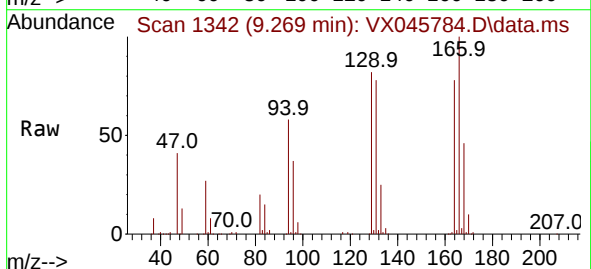
04/16/2025
Supervised By :Semsettin
Yesilyurt

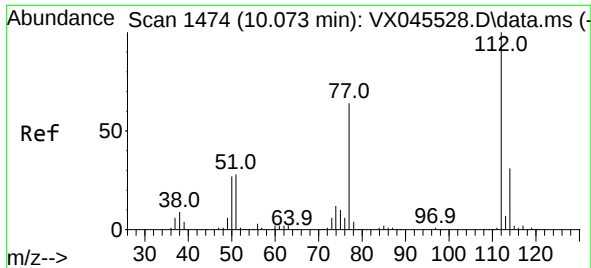
04/16/2025



#64
Tetrachloroethene
Concen: 49.475 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

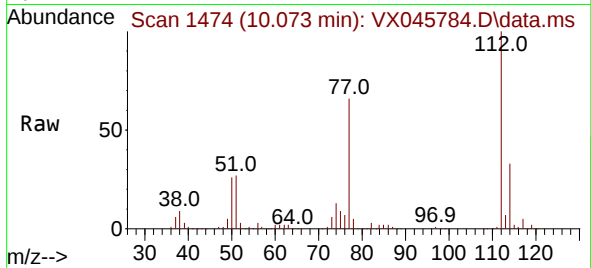
Tgt Ion:164 Resp: 52093
Ion Ratio Lower Upper
164 100
166 128.2 103.8 155.8
129 104.7 84.3 126.5
131 99.8 80.9 121.3





#65
Chlorobenzene
Concen: 49.256 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



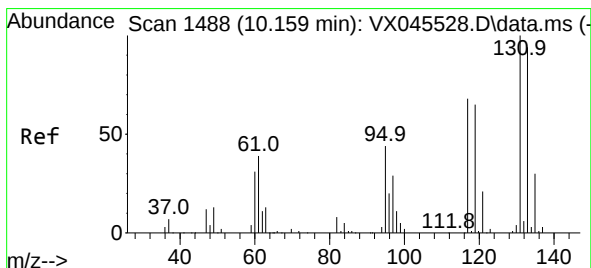
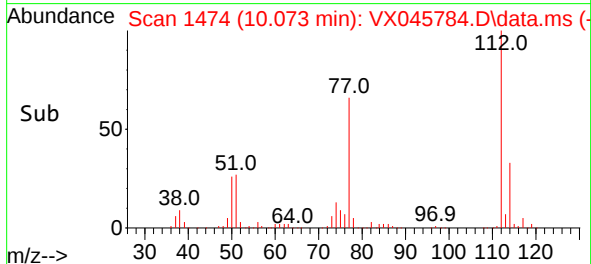
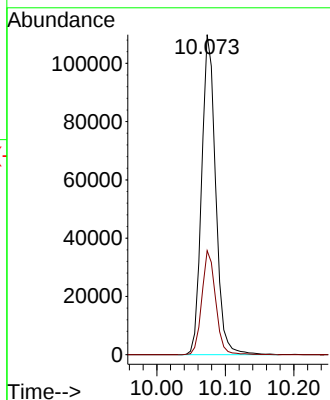
Tgt Ion:112 Resp: 156960
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

Manual Integrations
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Reviewed By :John
Carlone

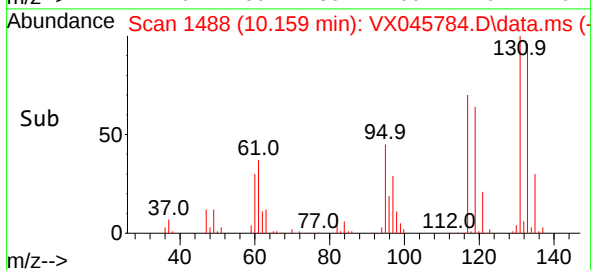
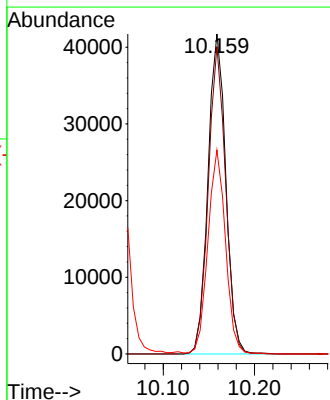
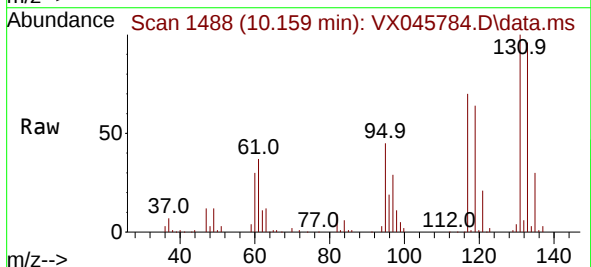
04/16/2025
Supervised By :Semsettin
Yesilyurt

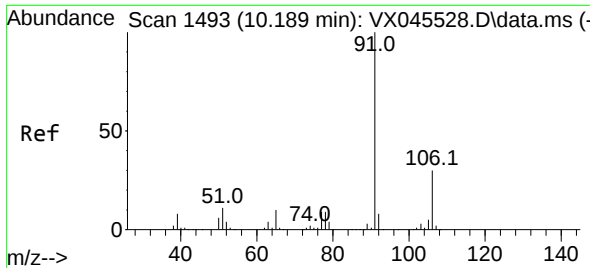
04/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.933 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

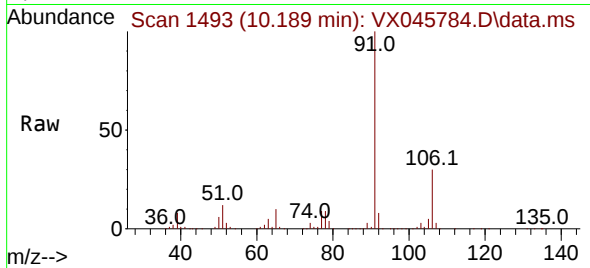
Tgt Ion:131 Resp: 56351
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 62.9 32.9 98.6





#67
Ethyl Benzene
Concen: 50.167 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



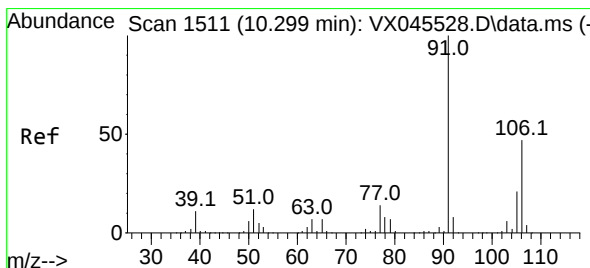
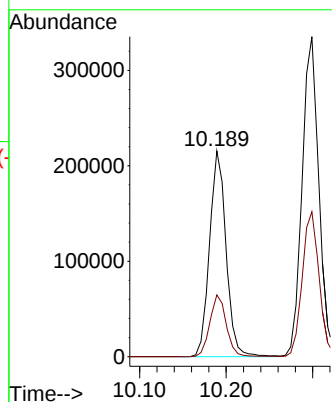
Tgt Ion: 91 Resp: 286320
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

Manual Integrations
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Reviewed By :John
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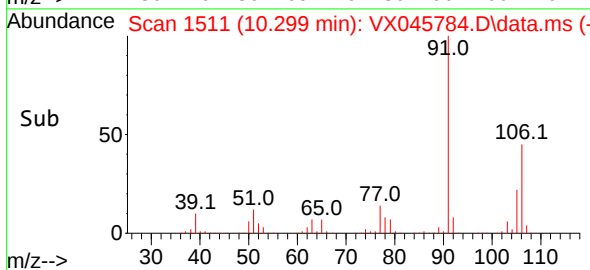
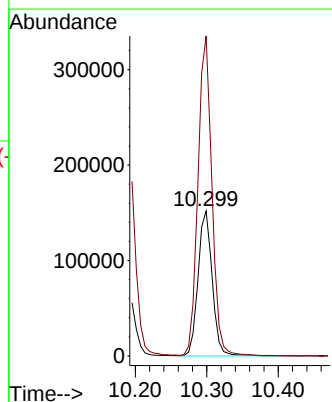
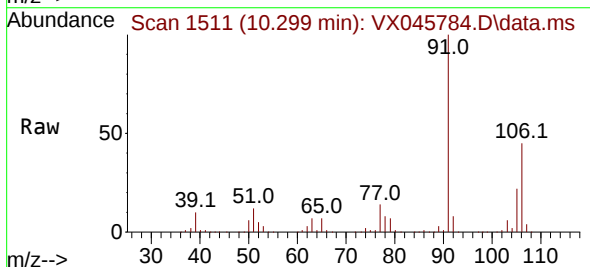
04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#68
m/p-Xylenes
Concen: 100.125 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion:106 Resp: 207843
Ion Ratio Lower Upper
106 100
91 218.3 172.6 258.8





#69
o-Xylene
Concen: 50.745 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

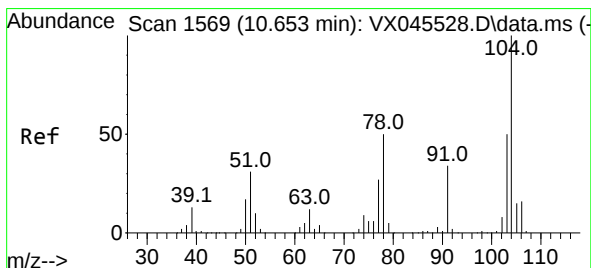
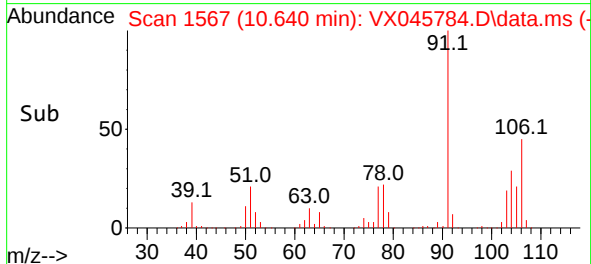
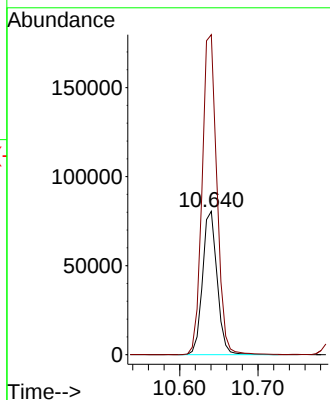
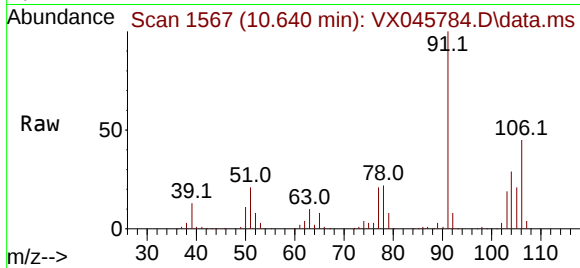
Tgt Ion:106 Resp: 103768
Ion Ratio Lower Upper
106 100
91 227.1 113.6 340.6

Manual Integrations
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Reviewed By :John
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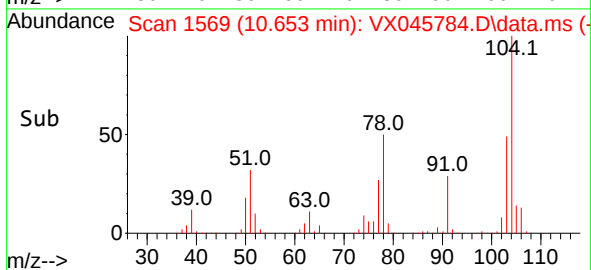
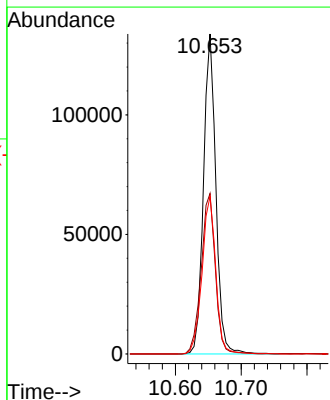
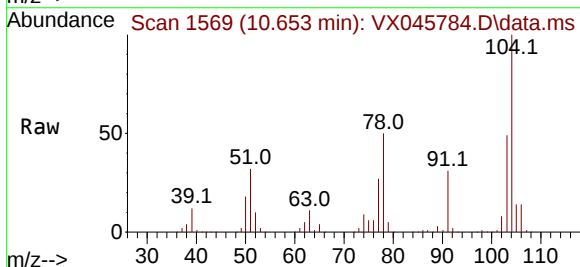
04/16/2025
Supervised By :Semsettin
Yesilyurt

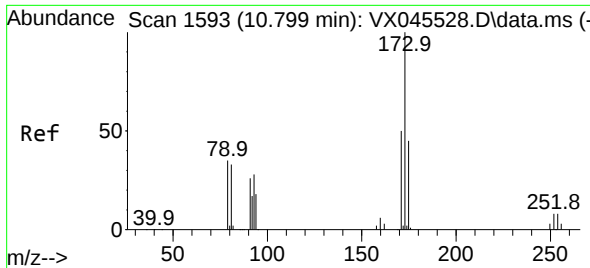
04/16/2025



#70
Styrene
Concen: 51.837 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

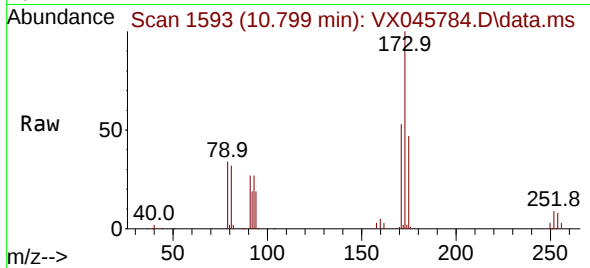
Tgt Ion:104 Resp: 174956
Ion Ratio Lower Upper
104 100
78 57.4 45.4 68.2
103 54.8 43.8 65.8





#71
Bromoform
Concen: 52.474 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



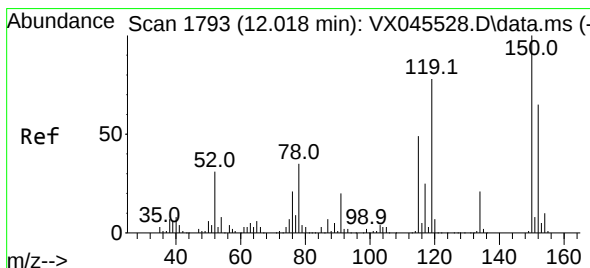
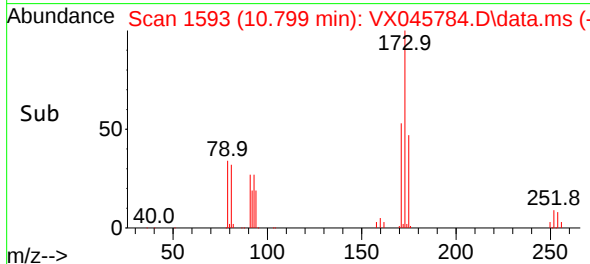
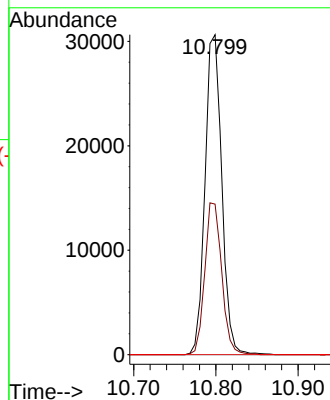
Tgt Ion:173 Resp: 43348
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

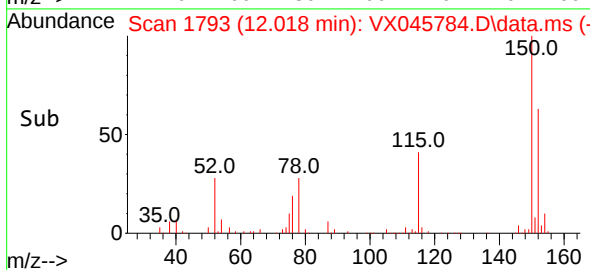
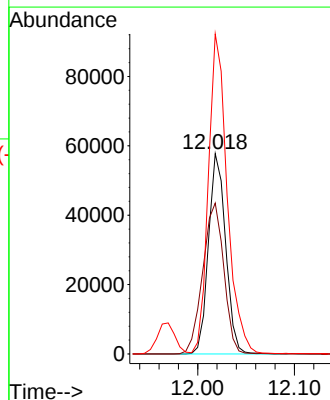
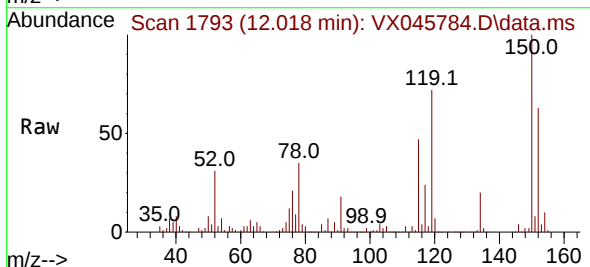
04/16/2025
Supervised By :Semsettin
Yesilyurt

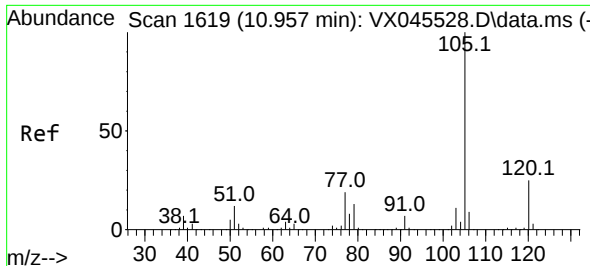
04/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

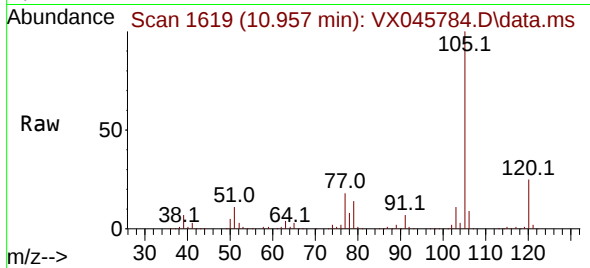
Tgt Ion:152 Resp: 71425
Ion Ratio Lower Upper
152 100
115 92.5 46.9 140.7
150 174.4 0.0 349.4





#73
Isopropylbenzene
Concen: 48.853 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



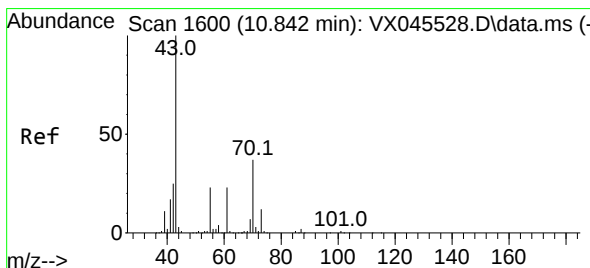
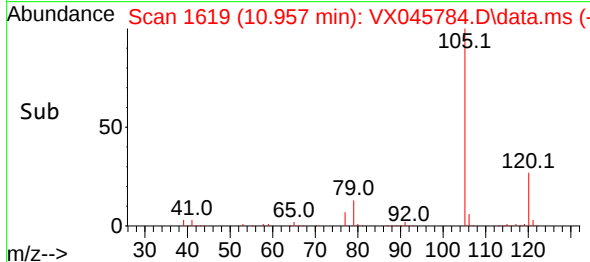
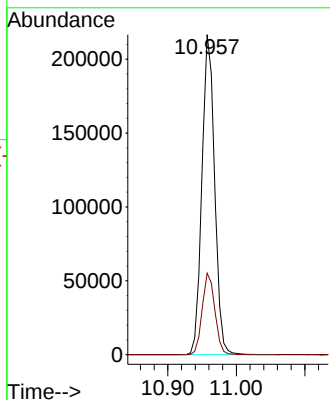
Tgt Ion:105 Resp: 279500
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

Manual Integrations
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Reviewed By :John
Carlone

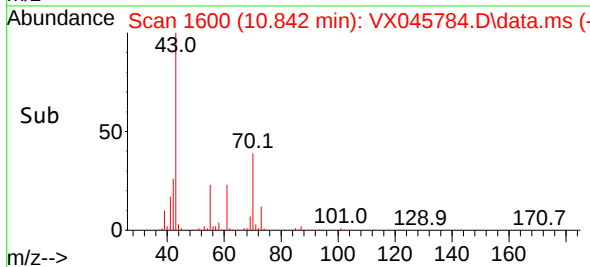
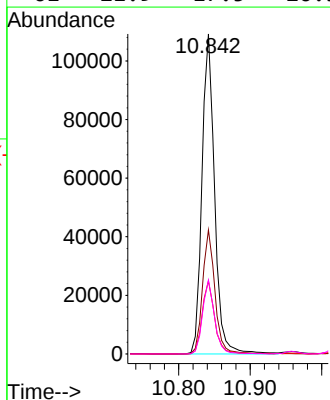
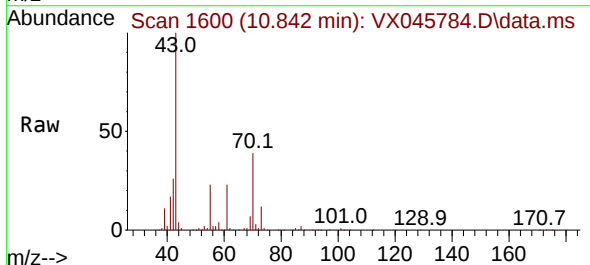
04/16/2025
Supervised By :Semsettin
Yesilyurt

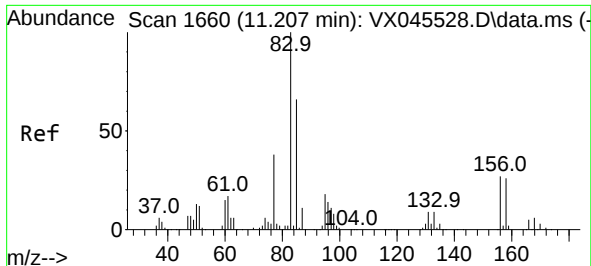
04/16/2025



#74
N-ethyl acetate
Concen: 48.972 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion: 43 Resp: 134024
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.5 18.3 27.5
61 21.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.111 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

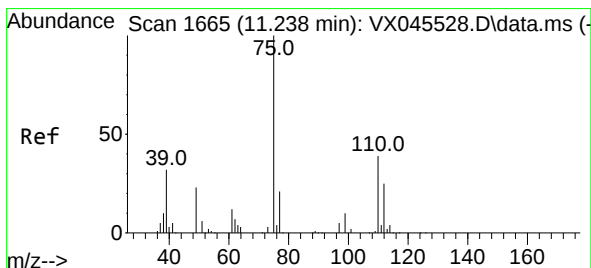
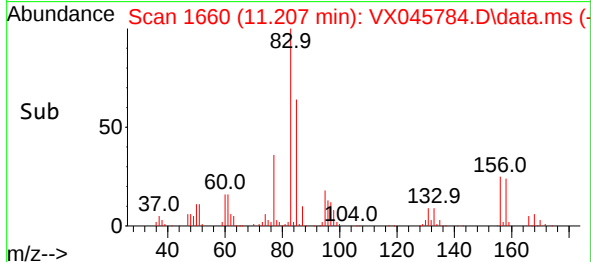
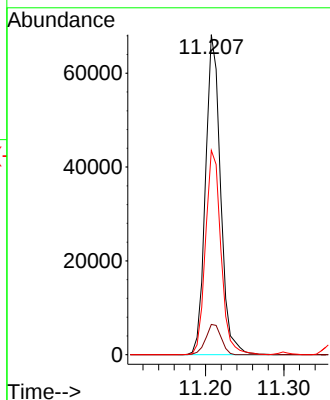
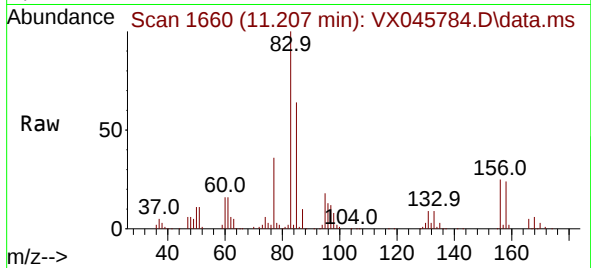
Tgt Ion: 83 Resp: 9066
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 65.5 32.4 97.2

Manual Integrations
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Reviewed By :John
Carlone

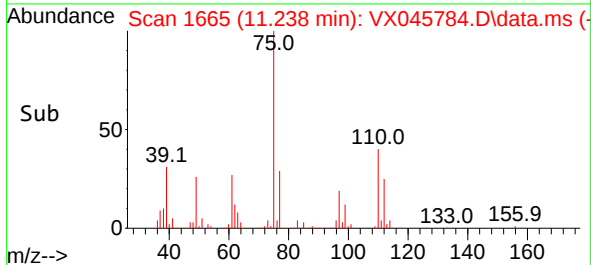
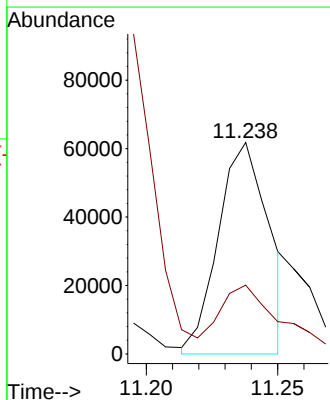
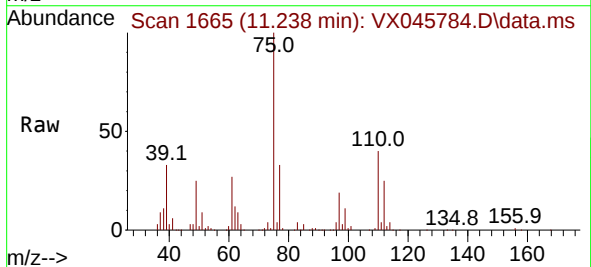
04/16/2025
Supervised By :Semsettin
Yesilyurt

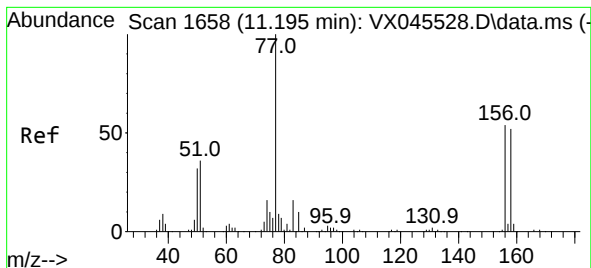
04/16/2025



#76
1,2,3-Trichloropropane
Concen: 47.281 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

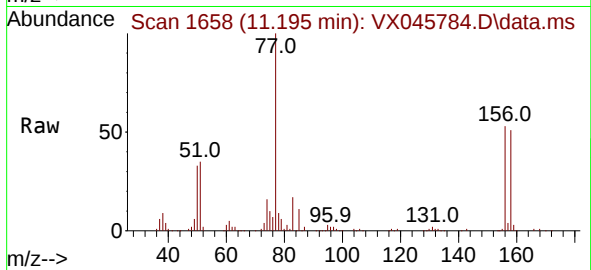
Tgt Ion: 75 Resp: 82374
Ion Ratio Lower Upper
75 100
77 40.2 20.0 59.9





#77
Bromobenzene
Concen: 47.443 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



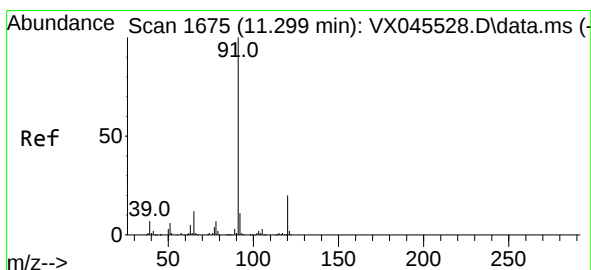
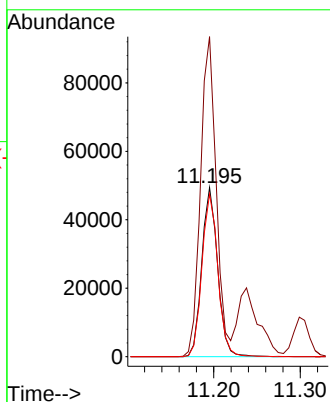
Tgt Ion:156 Resp: 62711
Ion Ratio Lower Upper
156 100
77 187.8 92.6 277.8
158 97.1 48.1 144.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

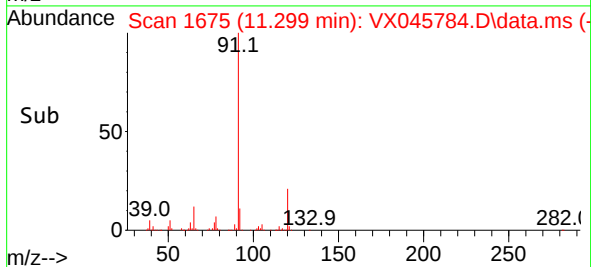
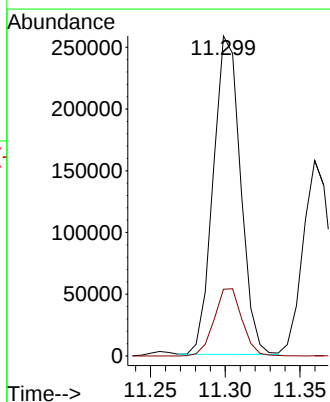
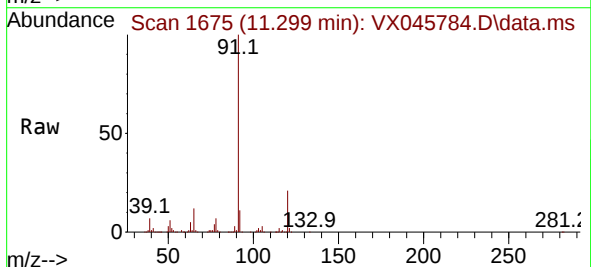
04/16/2025
Supervised By :Semsettin
Yesilyurt

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#78
n-propylbenzene
Concen: 49.721 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

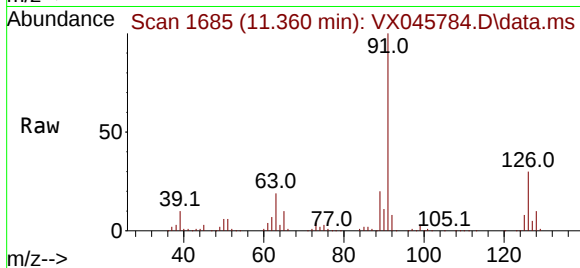
Tgt Ion: 91 Resp: 327653
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





#79
2-Chlorotoluene
Concen: 47.822 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



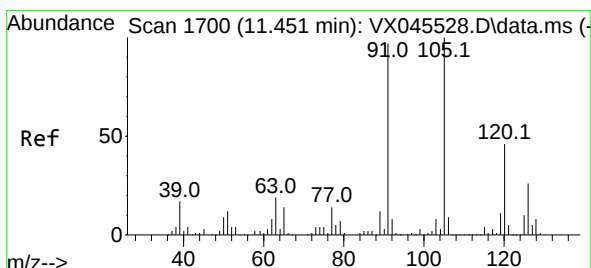
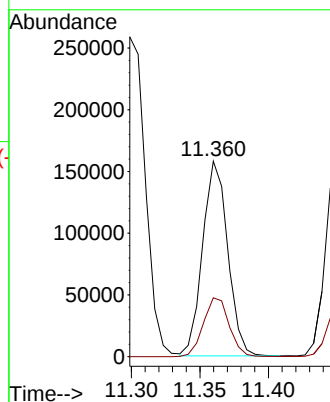
Tgt Ion: 91 Resp: 201468
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

Manual Integrations
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Reviewed By :John
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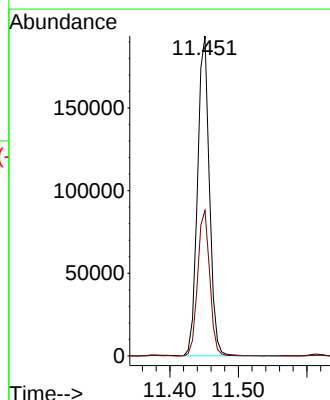
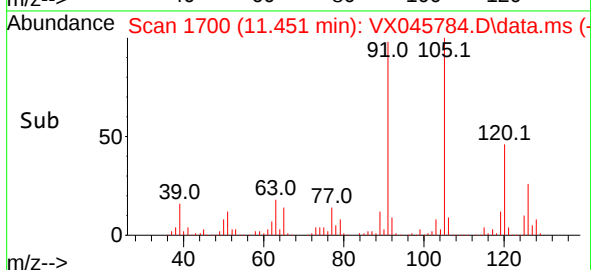
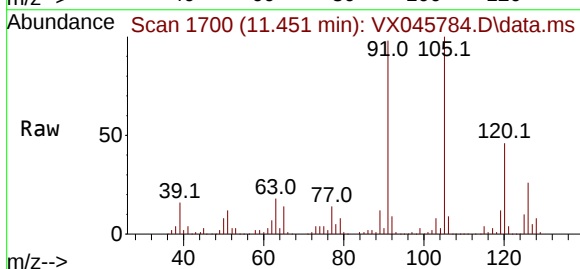
04/16/2025
Supervised By :Semsettin
Yesilyurt

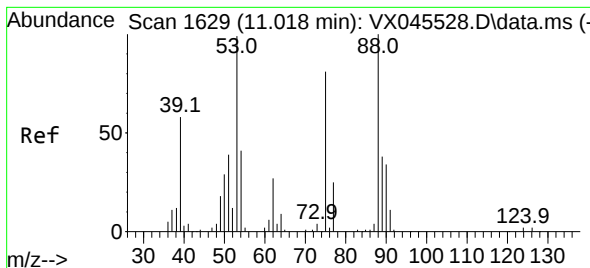
04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.370 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion:105 Resp: 233569
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.118 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

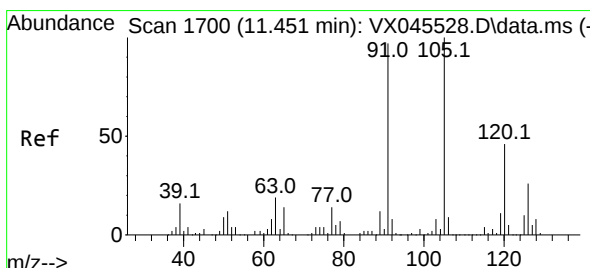
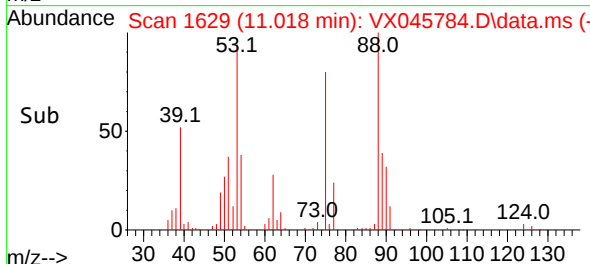
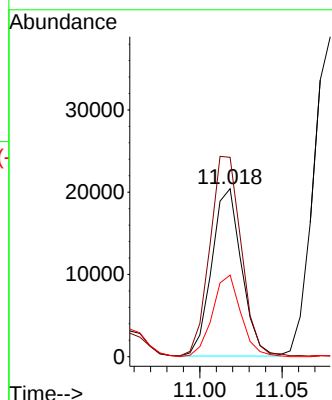
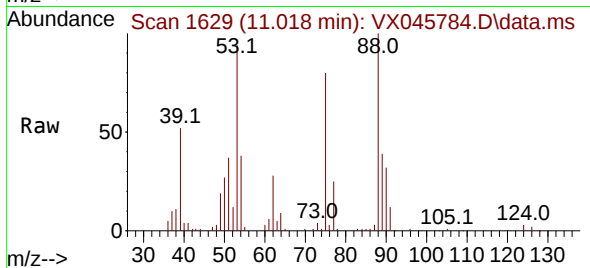
Tgt Ion: 75 Resp: 25728
Ion Ratio Lower Upper
75 100
53 127.1 101.8 152.6
89 46.6 37.2 55.8

Manual Integrations
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Reviewed By :John
Carlone

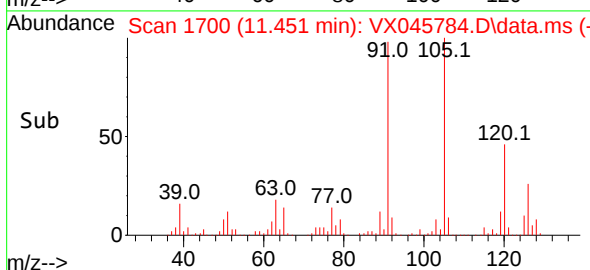
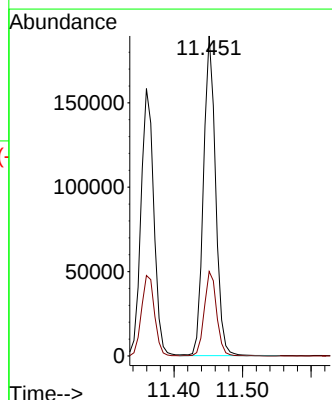
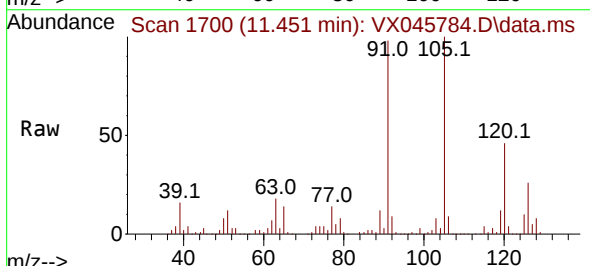
04/16/2025
Supervised By :Semsettin
Yesilyurt

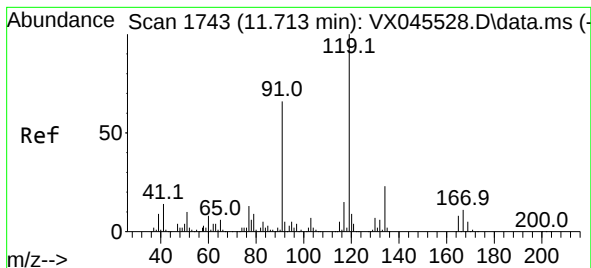
04/16/2025



#82
4-Chlorotoluene
Concen: 49.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

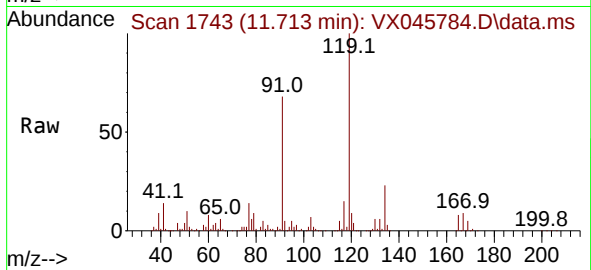
Tgt Ion: 91 Resp: 233095
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.9





#83
tert-Butylbenzene
Concen: 49.381 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



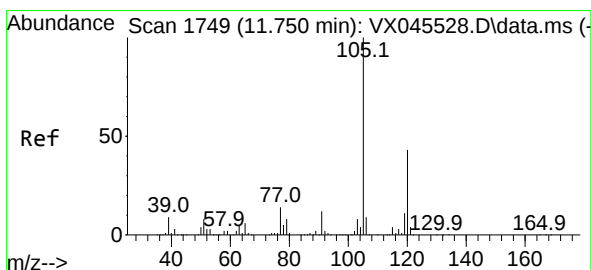
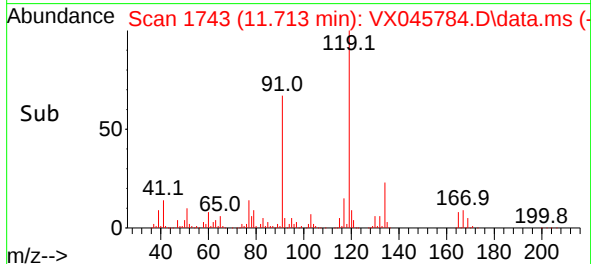
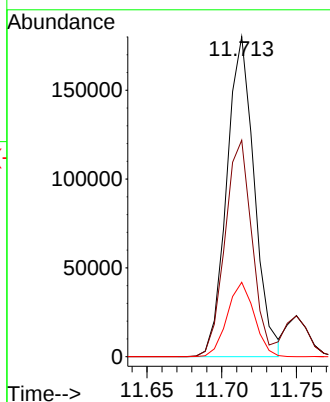
Tgt Ion:119 Resp: 231289
Ion Ratio Lower Upper
119 100
91 65.9 32.4 97.2
134 22.8 11.5 34.5

Manual Integrations
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Reviewed By :John
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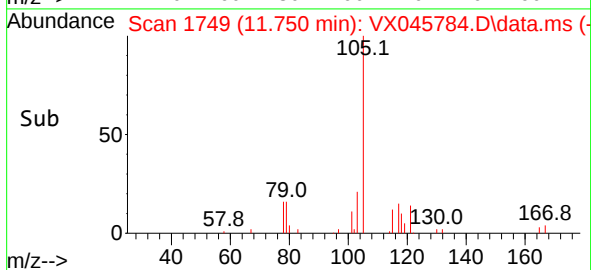
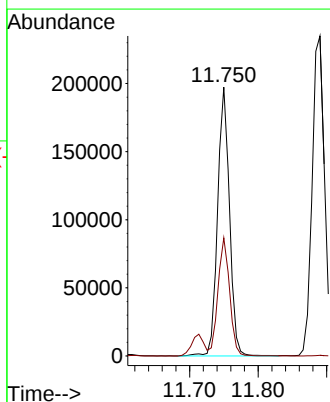
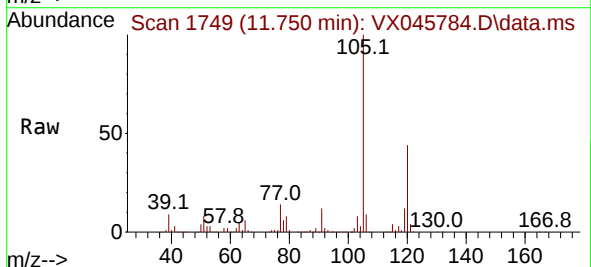
04/16/2025
Supervised By :Semsettin
Yesilyurt

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#84
1,2,4-Trimethylbenzene
Concen: 49.727 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

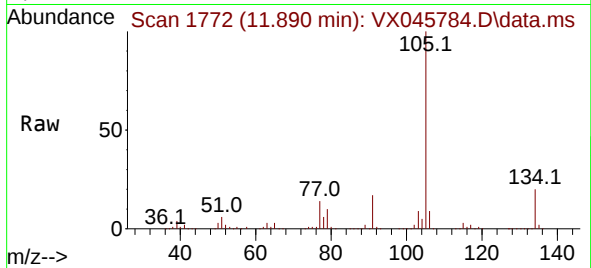
Tgt Ion:105 Resp: 236125
Ion Ratio Lower Upper
105 100
120 43.1 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 51.164 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



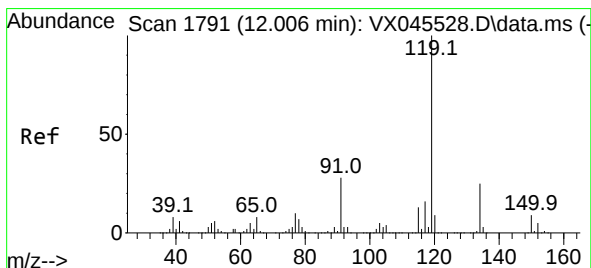
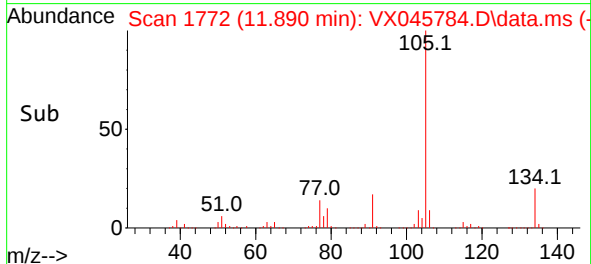
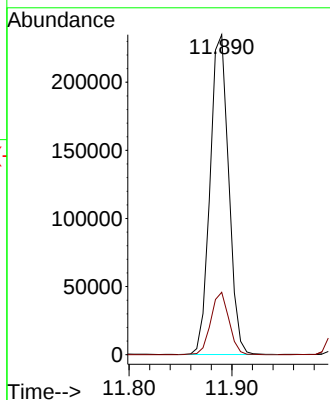
Tgt Ion:105 Resp: 29433
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
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Reviewed By :John
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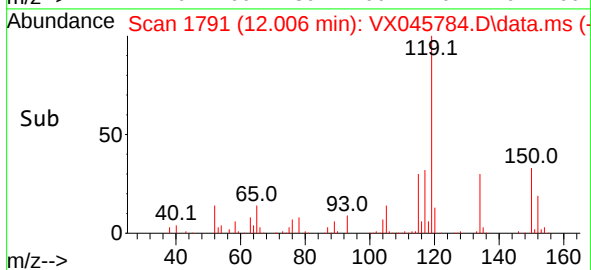
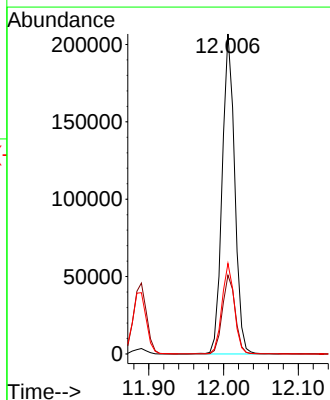
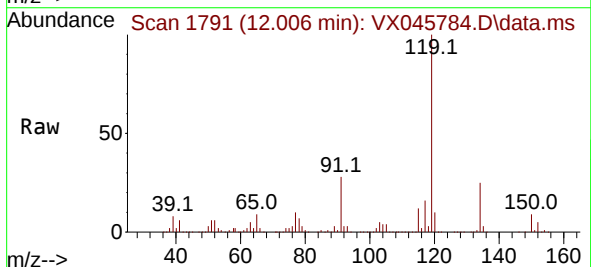
04/16/2025
 Supervised By :Semsettin
 Yesilyurt

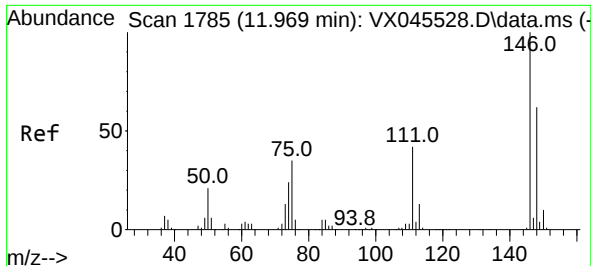
04/16/2025



#86
 p-Isopropyltoluene
 Concen: 50.954 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Tgt Ion:119 Resp: 241665
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.6 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 48.784 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 117388

Ion Ratio Lower Upper

146 100

111 44.2 22.2 66.6

148 63.1 31.9 95.7

Manual Integrations

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Reviewed By :John

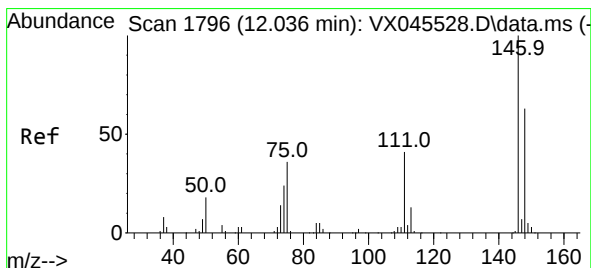
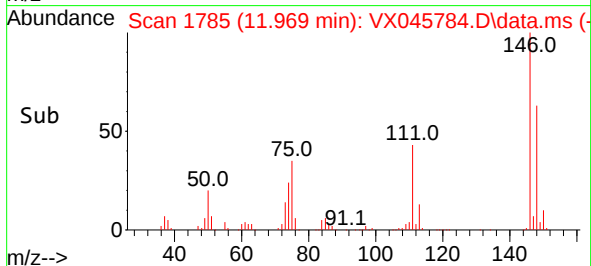
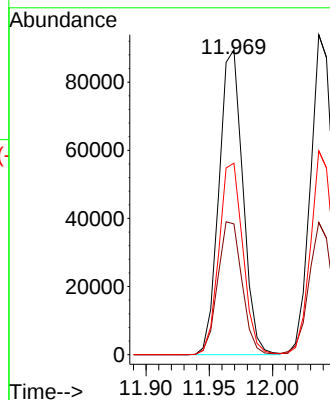
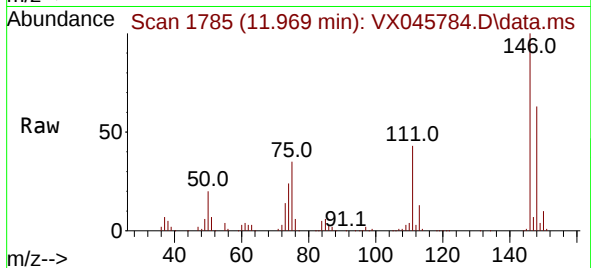
Carlone

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Supervised By :Semsettin

Yesilyurt

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#88

1,4-Dichlorobenzene

Concen: 48.226 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045784.D

Acq: 15 Apr 2025 09:08

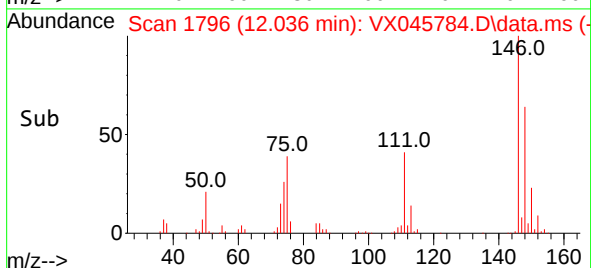
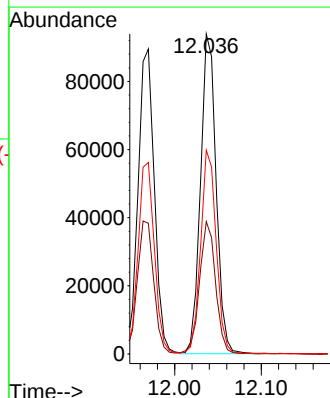
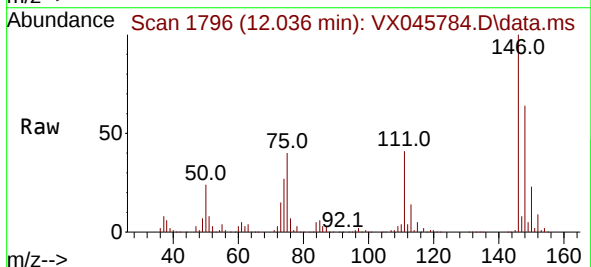
Tgt Ion:146 Resp: 117645

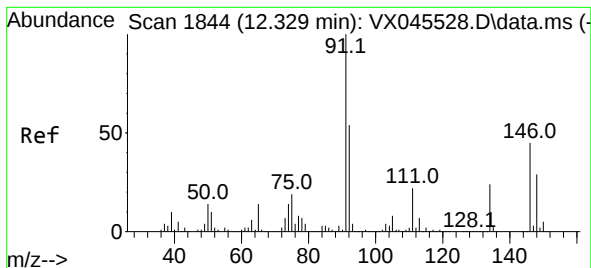
Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

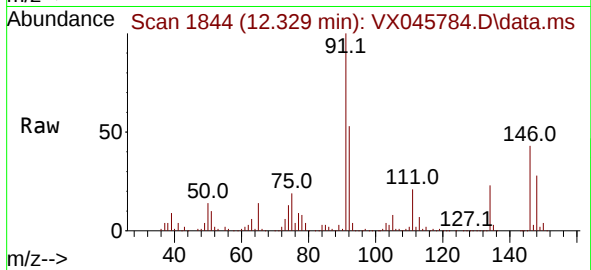
148 63.2 31.5 94.5





#89
n-Butylbenzene
Concen: 53.421 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



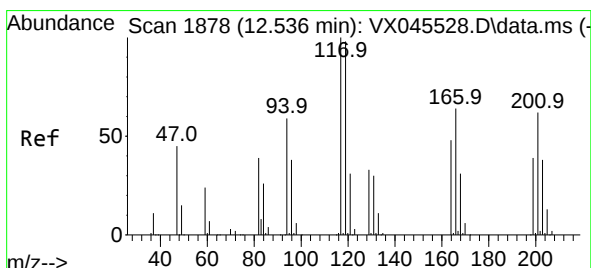
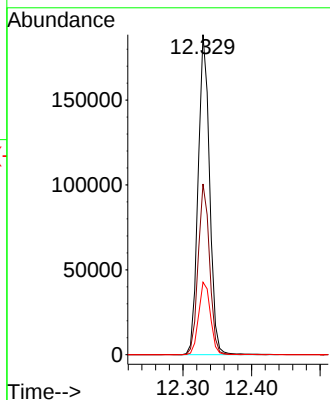
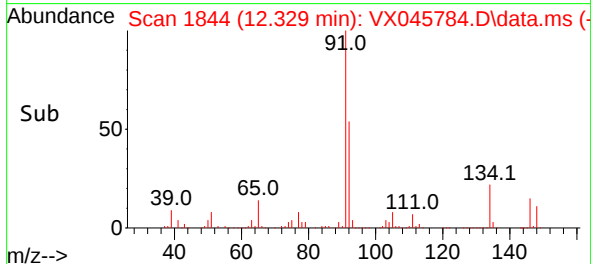
Tgt Ion: 91 Resp: 21971
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.3 11.9 35.7

Manual Integrations
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Reviewed By :John
Carlone

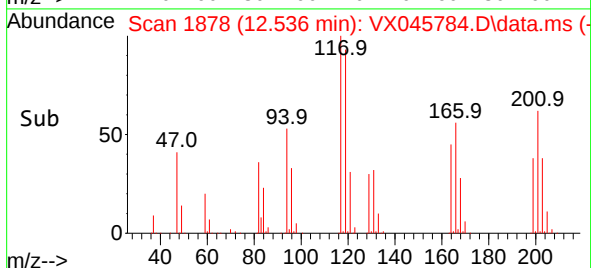
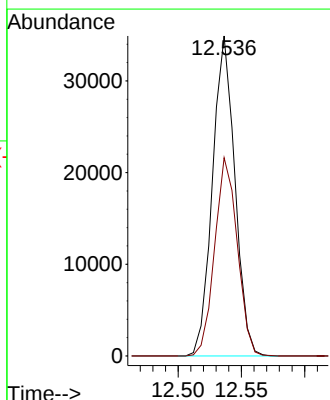
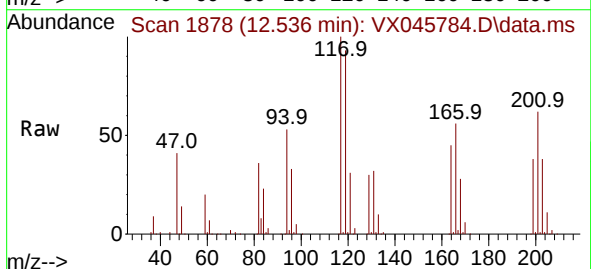
04/16/2025
Supervised By :Semsettin
Yesilyurt

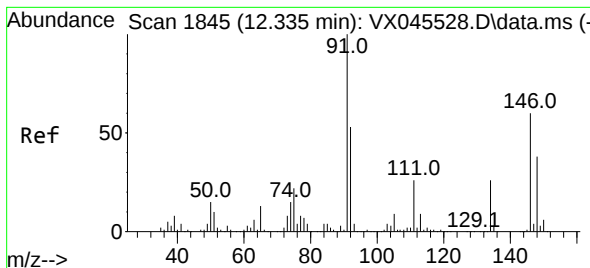
04/16/2025



#90
Hexachloroethane
Concen: 52.691 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

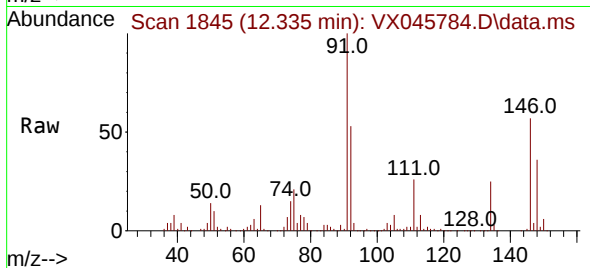
Tgt Ion:117 Resp: 42948
Ion Ratio Lower Upper
117 100
201 62.5 31.2 93.6





#91
 1,2-Dichlorobenzene
 Concen: 47.937 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



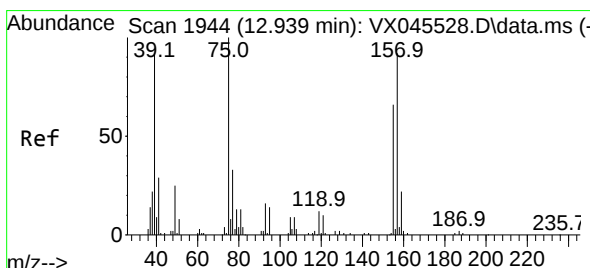
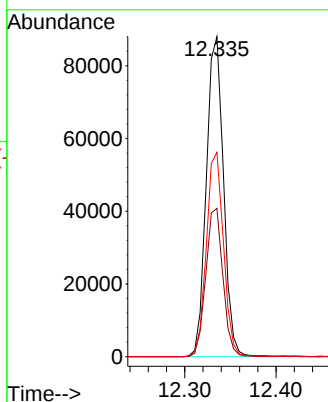
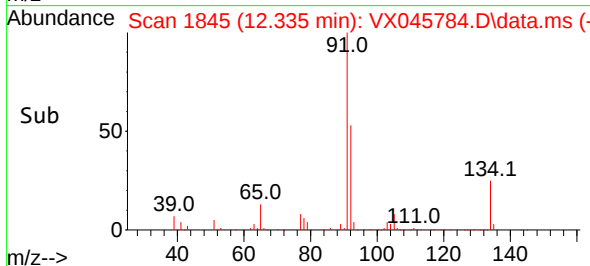
Tgt Ion:146 Resp: 11468
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.9 68.8
 148 63.8 31.9 95.5

Manual Integrations
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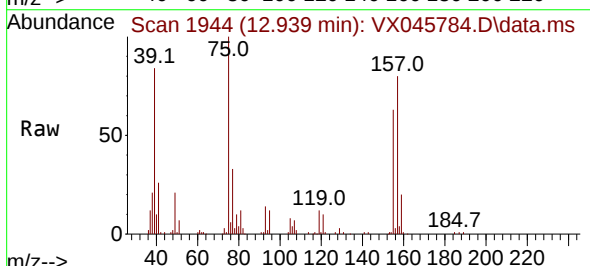
Reviewed By :John
 Carlone

04/16/2025
 Supervised By :Semsettin
 Yesilyurt

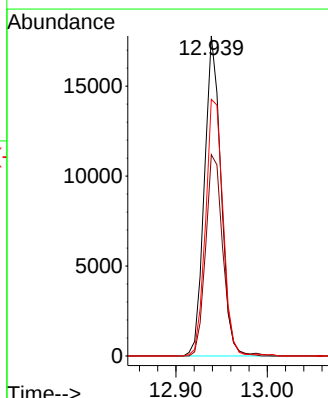
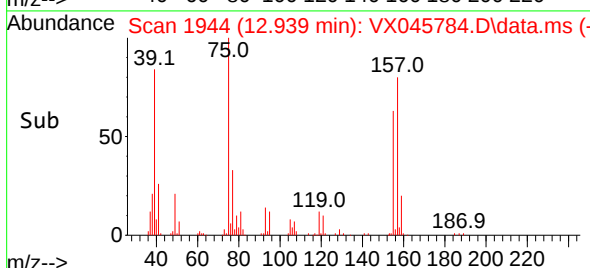
04/16/2025

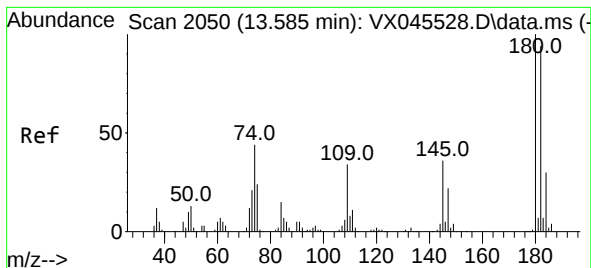


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.279 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX045784.D
 Acq: 15 Apr 2025 09:08



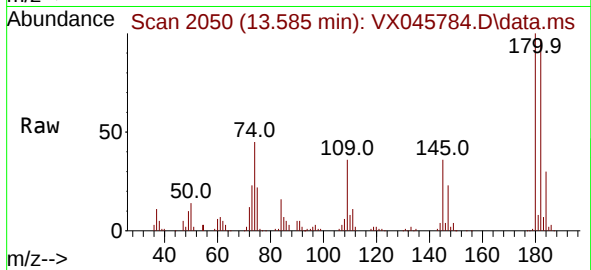
Tgt Ion: 75 Resp: 22394
 Ion Ratio Lower Upper
 75 100
 155 65.1 34.9 104.7
 157 84.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.910 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



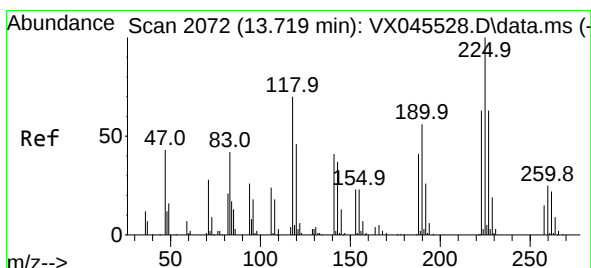
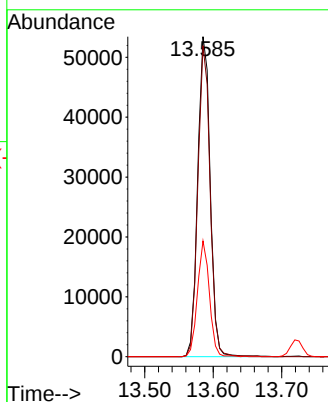
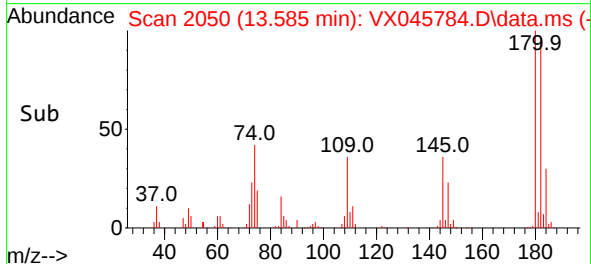
Tgt Ion:180 Resp: 6779
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 34.6 17.9 53.8

Manual Integrations
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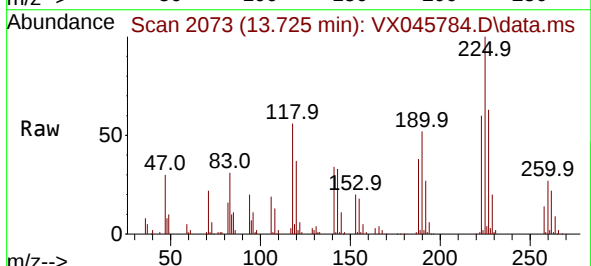
Reviewed By :John
Carlone

04/16/2025
Supervised By :Semsettin
Yesilyurt

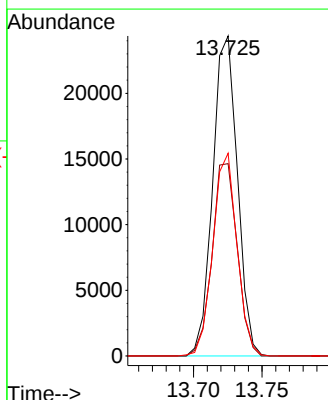
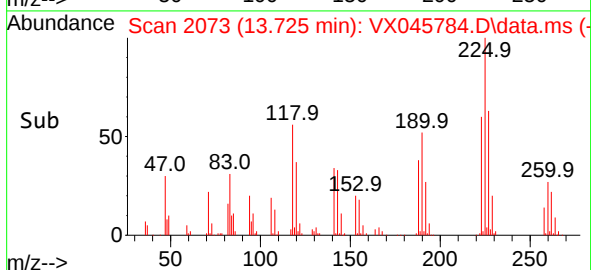
04/16/2025

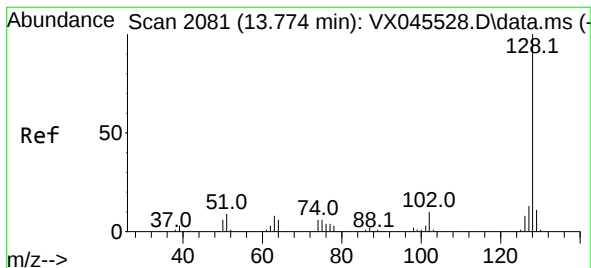


#94
Hexachlorobutadiene
Concen: 53.112 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08



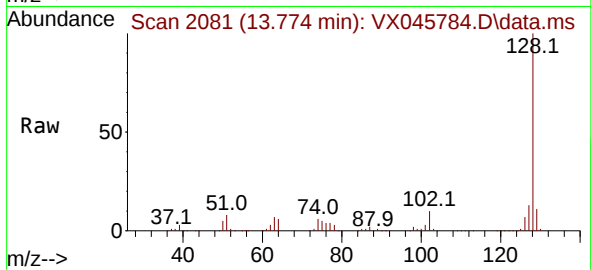
Tgt Ion:225 Resp: 30477
Ion Ratio Lower Upper
225 100
223 61.5 31.1 93.3
227 61.8 32.2 96.6





#95
Naphthalene
Concen: 49.832 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



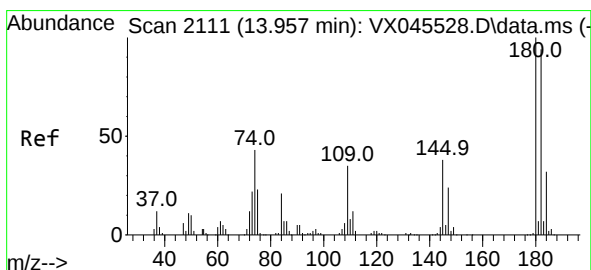
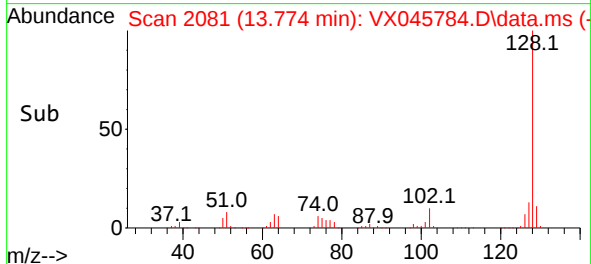
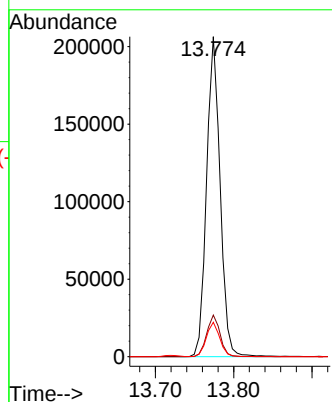
Tgt Ion:128 Resp: 246940
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/16/2025
Supervised By :Semsettin
Yesilyurt

04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.700 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045784.D
Acq: 15 Apr 2025 09:08

Tgt Ion:180 Resp: 70697
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 35.8 18.2 54.6

