

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
 Data File : VX044653.D
 Acq On : 15 Jan 2025 13:37
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 16 01:02:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 00:57:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Semsettin Yesilyurt 01/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	160078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	290219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	234362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100996	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	377212	156.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 312.220%#	
35) Dibromofluoromethane	5.379	113	289994	157.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 314.580%#	
50) Toluene-d8	8.647	98	961550	149.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 299.140%#	
62) 4-Bromofluorobenzene	11.079	95	366922	153.105	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 306.200%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	366593	170.185	ug/l	98
3) Chloromethane	1.300	50	342210	146.909	ug/l	97
4) Vinyl Chloride	1.374	62	359721	156.293	ug/l	99
5) Bromomethane	1.593	94	87716	159.609	ug/l	97
6) Chloroethane	1.660	64	71666	169.800	ug/l	98
7) Trichlorofluoromethane	1.855	101	398544	156.676	ug/l	97
8) Diethyl Ether	2.136	74	154291	150.299	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	302048	157.960	ug/l	99
10) Methyl Iodide	2.441	142	394541	151.126	ug/l	99
11) Tert butyl alcohol	3.062	59	387839m	711.783	ug/l	
12) 1,1-Dichloroethene	2.306	96	296987	158.449	ug/l	99
13) Acrolein	2.239	56	193280	762.485	ug/l	99
14) Allyl chloride	2.654	41	534150	146.366	ug/l	100
15) Acrylonitrile	3.068	53	783976	742.040	ug/l	99
16) Acetone	2.392	43	708100	740.713	ug/l	100
17) Carbon Disulfide	2.495	76	803379	157.079	ug/l	99
18) Methyl Acetate	2.703	43	483139	163.814	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1034710	152.410	ug/l	99
20) Methylene Chloride	2.782	84	325957	146.417	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	290671	148.536	ug/l	98
22) Diisopropyl ether	3.763	45	957045	150.864	ug/l	91
23) Vinyl Acetate	3.721	43	4101581	738.701	ug/l	100
24) 1,1-Dichloroethane	3.599	63	594429	158.014	ug/l	99
25) 2-Butanone	4.562	43	1079716	759.640	ug/l	100
26) 2,2-Dichloropropane	4.465	77	550106	150.882	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	370177	150.386	ug/l	99
28) Bromochloromethane	4.891	49	251238	142.922	ug/l	99
29) Tetrahydrofuran	5.007	42	689928	752.528	ug/l	99
30) Chloroform	5.086	83	579322	152.595	ug/l	99
31) Cyclohexane	5.458	56	476106	156.483	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	522062	149.582	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386304	150.517	ug/l	99
37) Ethyl Acetate	4.715	43	433924	158.764	ug/l	99
38) Carbon Tetrachloride	5.666	117	437442	151.528	ug/l	99
39) Methylcyclohexane	7.373	83	534976	157.021	ug/l	99
40) Benzene	6.031	78	1205057	151.523	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	238601	151.900	ug/l	98
42) 1,2-Dichloroethane	6.080	62	446380	153.782	ug/l	98
43) Isopropyl Acetate	6.336	43	761866	151.528	ug/l	100
44) Trichloroethene	7.117	130	309226	161.735	ug/l	96
45) 1,2-Dichloropropane	7.421	63	308641	154.175	ug/l	99
46) Dibromomethane	7.574	93	231674	152.021	ug/l	99
47) Bromodichloromethane	7.818	83	471682	150.924	ug/l	99
48) Methyl methacrylate	7.690	41	368626	157.946	ug/l	99
49) 1,4-Dioxane	7.671	88	146350	3005.585	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1994498	717.818	ug/l	100
52) Toluene	8.714	92	699585	143.719	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	490414	151.880	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	524796	149.891	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	279505	141.923	ug/l	99
56) Ethyl methacrylate	9.116	69	499842	147.609	ug/l	100
57) 1,3-Dichloropropane	9.305	76	485347	144.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	1178391	708.825	ug/l	99
59) 2-Hexanone	9.433	43	1482861	725.401	ug/l	99
60) Dibromochloromethane	9.519	129	335937	145.333	ug/l	99
61) 1,2-Dibromoethane	9.604	107	296982	143.893	ug/l	100
64) Tetrachloroethene	9.269	164	229004	155.612	ug/l	98
65) Chlorobenzene	10.079	112	750161	150.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	276991	153.108	ug/l	99
67) Ethyl Benzene	10.189	91	1315242	151.424	ug/l	99
68) m/p-Xylenes	10.299	106	941355	292.054	ug/l	100
69) o-Xylene	10.640	106	473907	145.386	ug/l	98
70) Styrene	10.652	104	792889	150.660	ug/l	100
71) Bromoform	10.799	173	232464	157.877	ug/l	99
73) Isopropylbenzene	10.957	105	1207427	146.343	ug/l	100
74) N-amyl acetate	10.841	43	622491	153.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	415068	145.660	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	356222m	149.343	ug/l	
77) Bromobenzene	11.195	156	288579	149.641	ug/l	100
78) n-propylbenzene	11.305	91	1375979	151.223	ug/l	100
79) 2-Chlorotoluene	11.366	91	857617	145.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	959600	142.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	171786	160.280	ug/l	99
82) 4-Chlorotoluene	11.451	91	957835	148.761	ug/l	100
83) tert-Butylbenzene	11.713	119	999760	142.356	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	991595	145.281	ug/l	100
85) sec-Butylbenzene	11.890	105	1214662	148.543	ug/l	100
86) p-Isopropyltoluene	12.006	119	1000632	148.902	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	521112	155.816	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	516467	155.532	ug/l	99
89) n-Butylbenzene	12.329	91	904589	156.724	ug/l	99
90) Hexachloroethane	12.536	117	222866	146.455	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	511280	148.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	107815	154.709	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	352298	171.582	ug/l	99
94) Hexachlorobutadiene	13.725	225	129218	160.216	ug/l	99
95) Naphthalene	13.774	128	1285749	162.361	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	350134	164.515	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC150

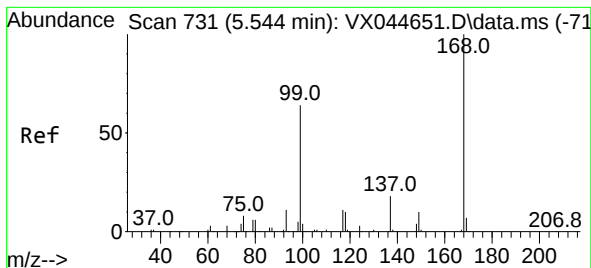
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/16/2025

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Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
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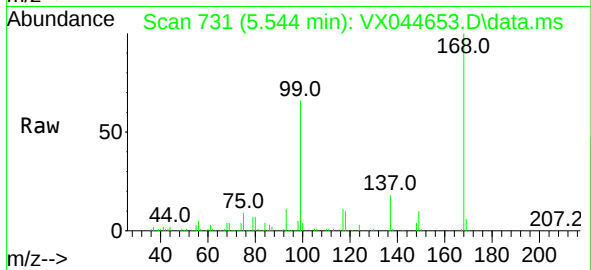
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044653.D
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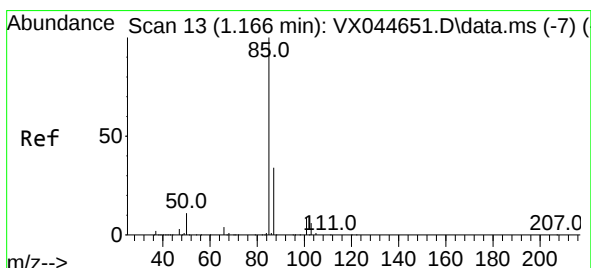
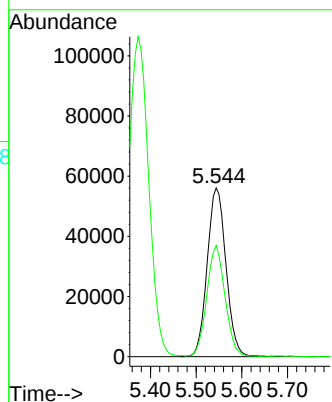
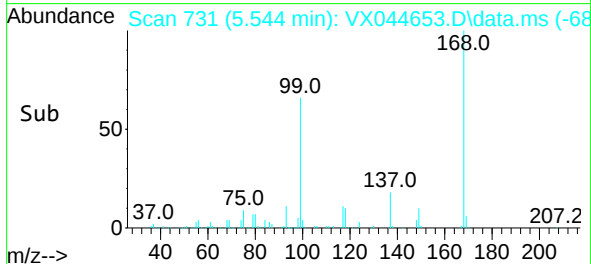
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



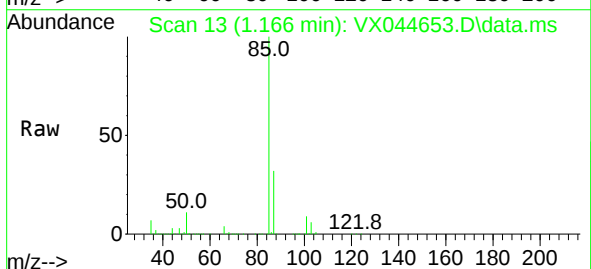
Tgt Ion:168 Resp: 160078
Ion Ratio Lower Upper
168 100
99 65.5 51.1 76.7

Manual Integrations
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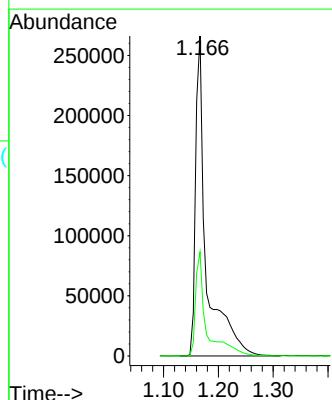
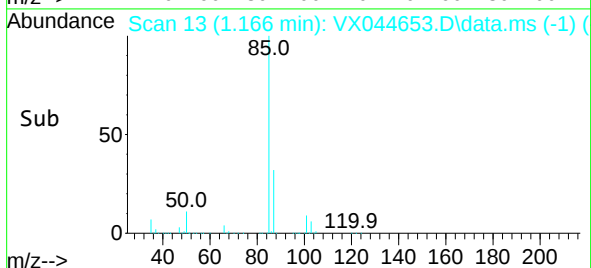
Reviewed By :John Carlone 01/15/2025
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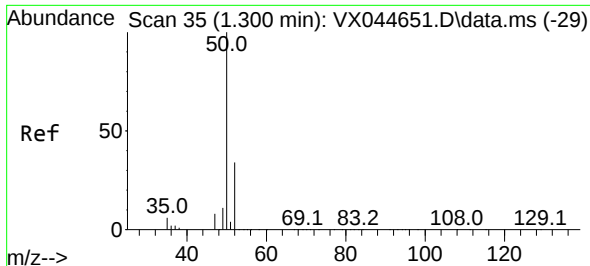


#2
Dichlorodifluoromethane
Concen: 170.185 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



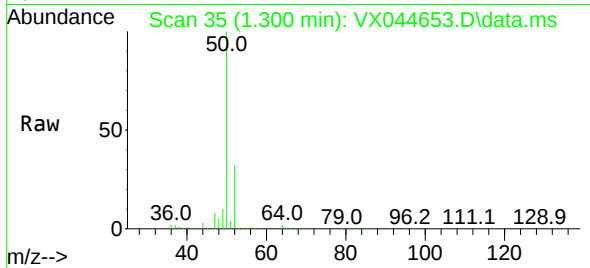
Tgt Ion: 85 Resp: 366593
Ion Ratio Lower Upper
85 100
87 32.5 16.8 50.4





#3
Chloromethane
Concen: 146.909 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

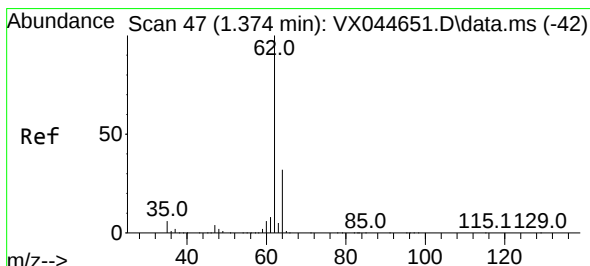
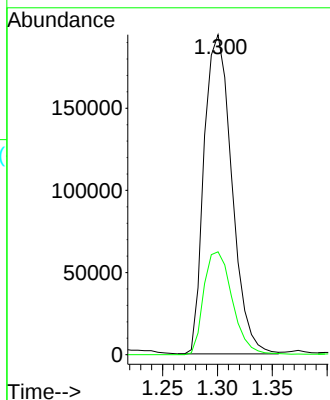
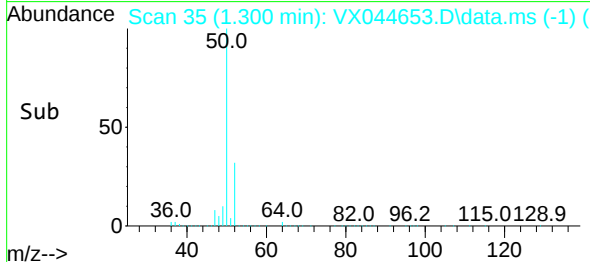
Instrument :
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ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 342210
Ion Ratio Lower Upper
50 100
52 32.2 27.0 40.4

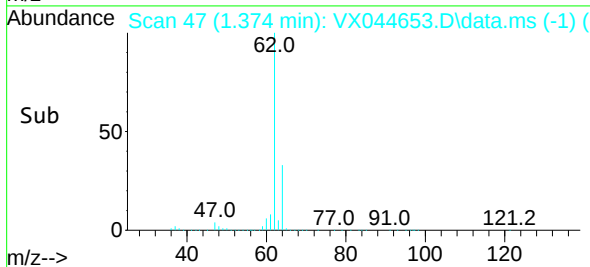
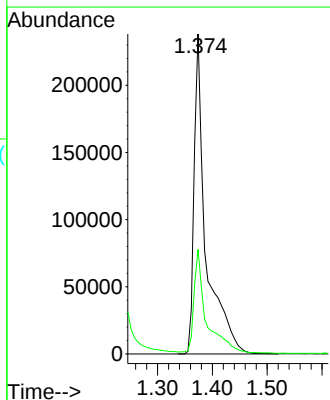
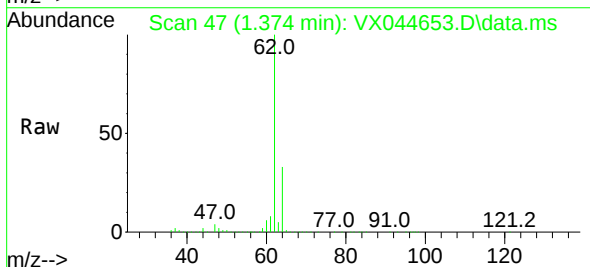
Manual Integrations
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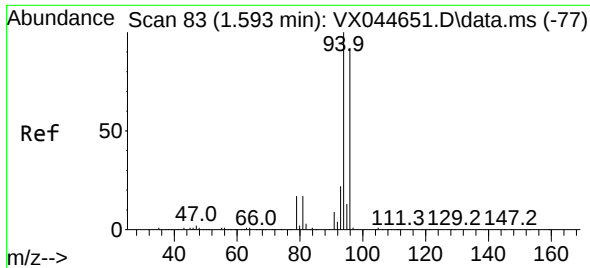
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#4
Vinyl Chloride
Concen: 156.293 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

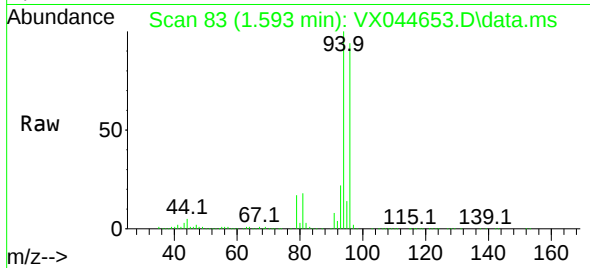
Tgt Ion: 62 Resp: 359721
Ion Ratio Lower Upper
62 100
64 32.5 26.6 39.8





#5
Bromomethane
Concen: 159.609 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

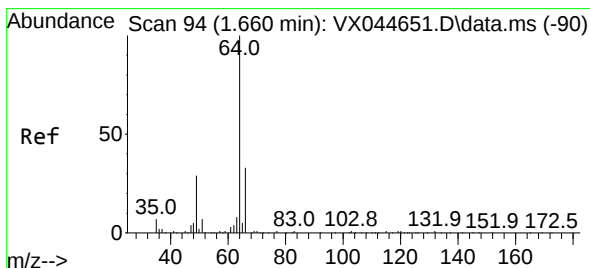
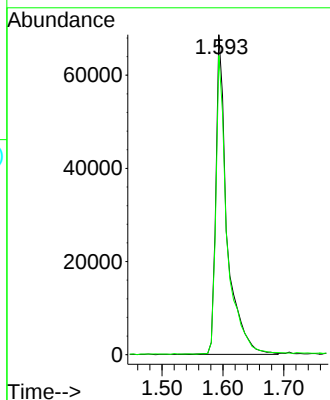
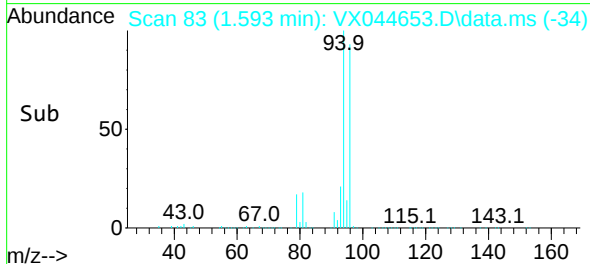
Instrument :
MSVOA_X
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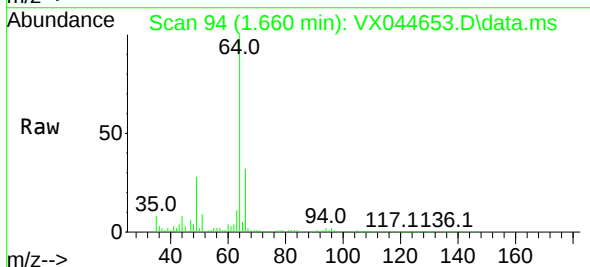
Tgt Ion: 94 Resp: 87710
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2

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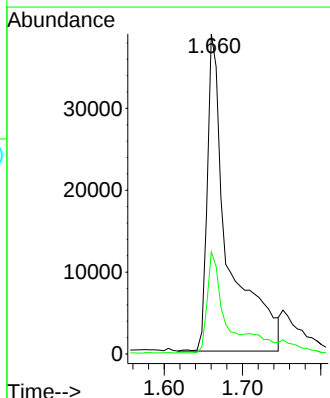
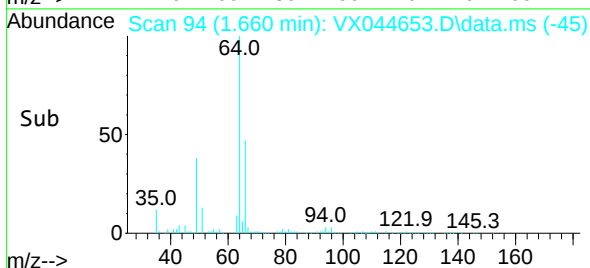
Reviewed By :John Carlone 01/15/2025
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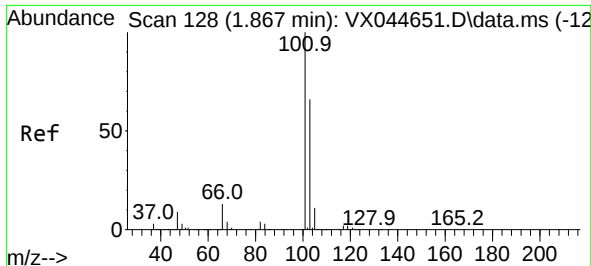


#6
Chloroethane
Concen: 169.800 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



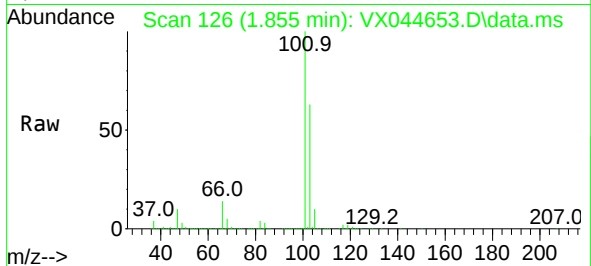
Tgt Ion: 64 Resp: 71666
Ion Ratio Lower Upper
64 100
66 31.8 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 156.676 ug/l
 RT: 1.855 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

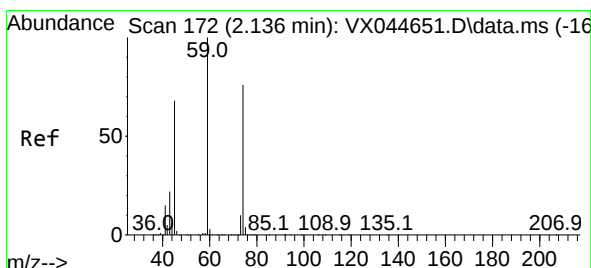
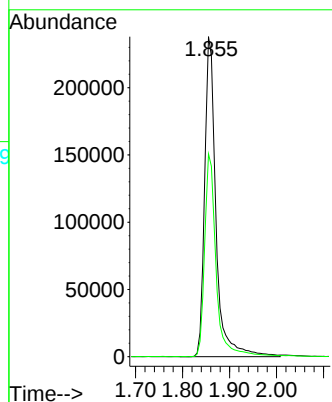
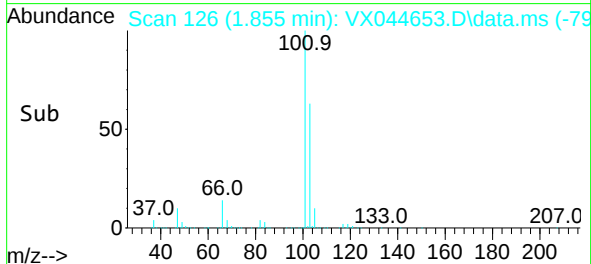
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 398544
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.5 78.7

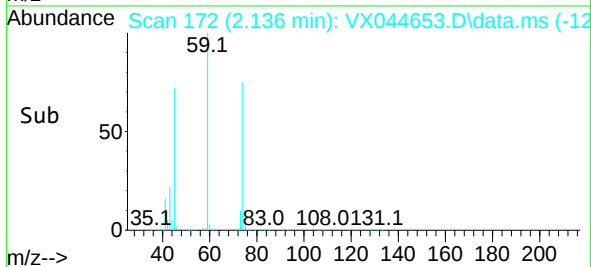
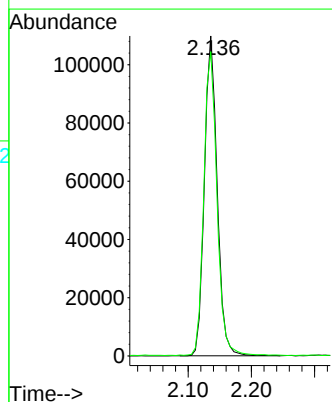
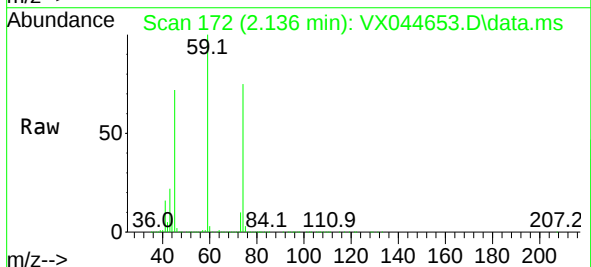
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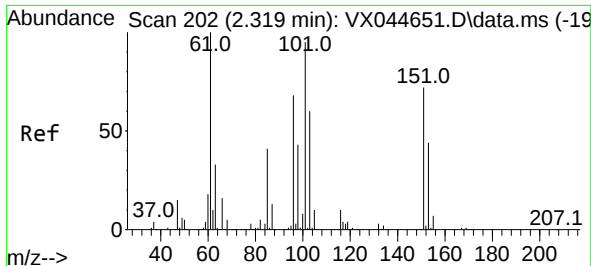
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#8
 Diethyl Ether
 Concen: 150.299 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044653.D
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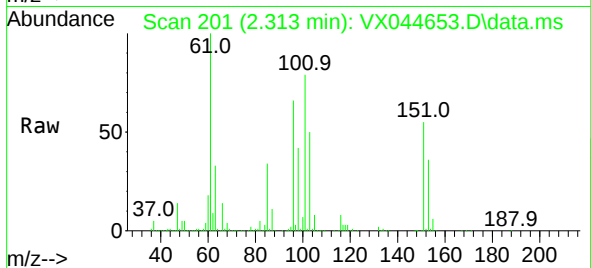
Tgt Ion: 74 Resp: 154291
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.1 141.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 157.960 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

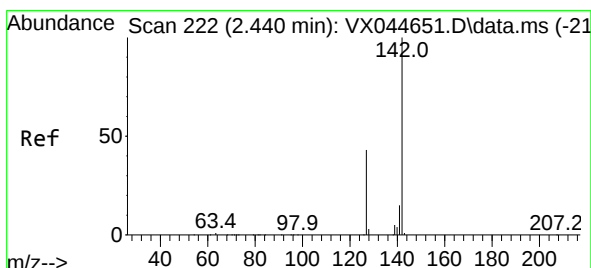
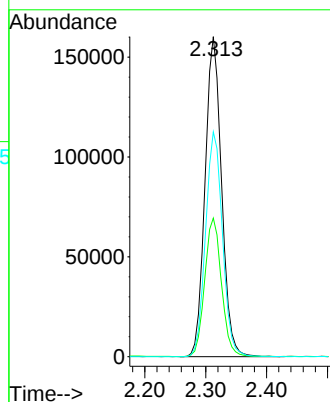
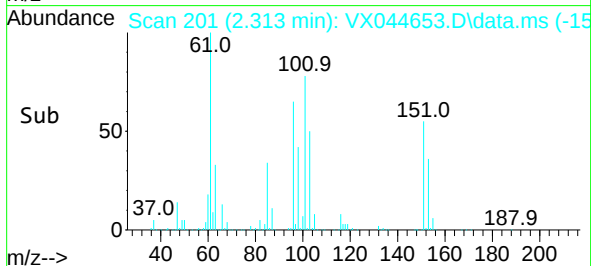
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 302048
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 72.0 58.2 87.4

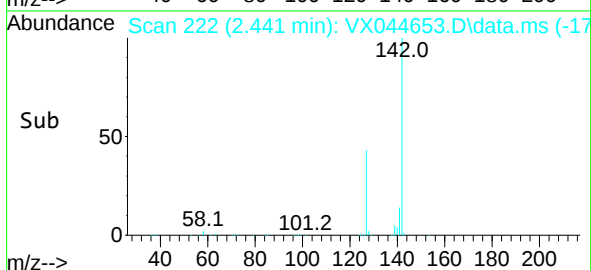
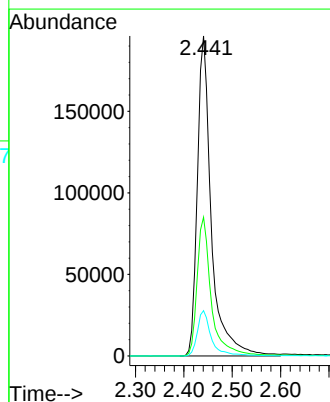
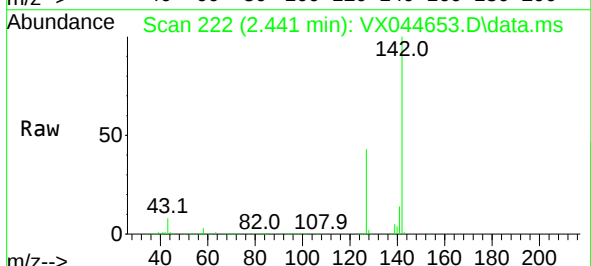
Manual Integrations
APPROVED

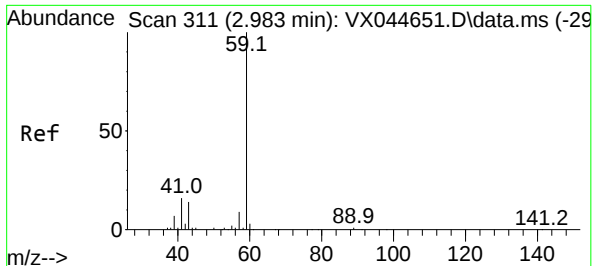
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#10
Methyl Iodide
Concen: 151.126 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

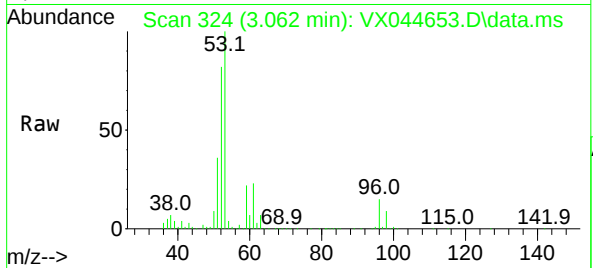
Tgt Ion:142 Resp: 394541
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 711.783 ug/l m
RT: 3.062 min Scan# 311
Delta R.T. 0.079 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

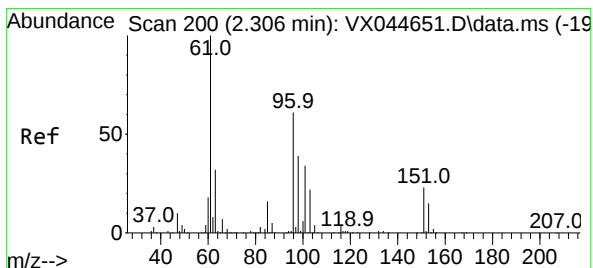
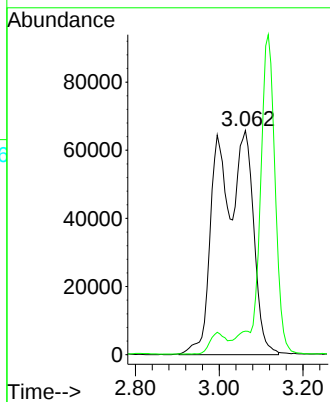
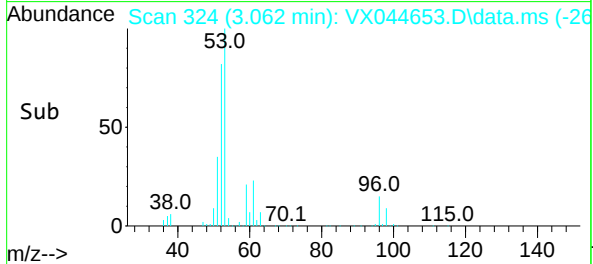
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 387839
Ion Ratio Lower Upper
59 100
57 4.5 3.9 5.9

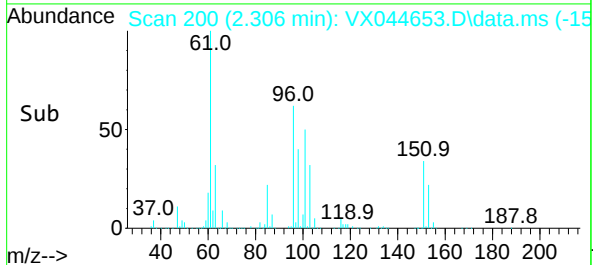
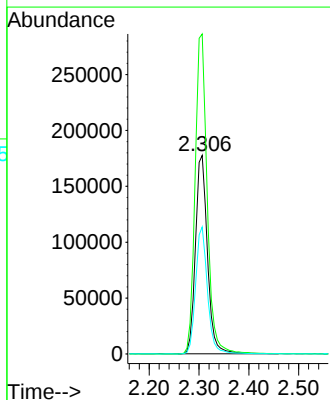
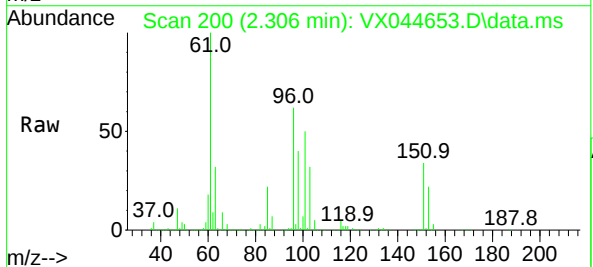
Manual Integrations
APPROVED

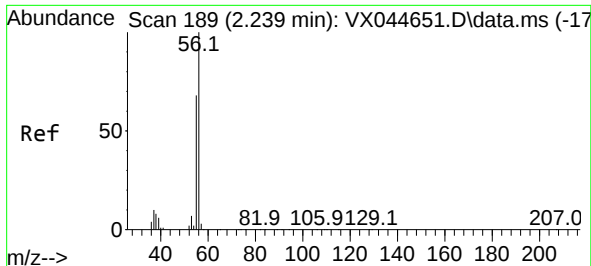
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#12
1,1-Dichloroethene
Concen: 158.449 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

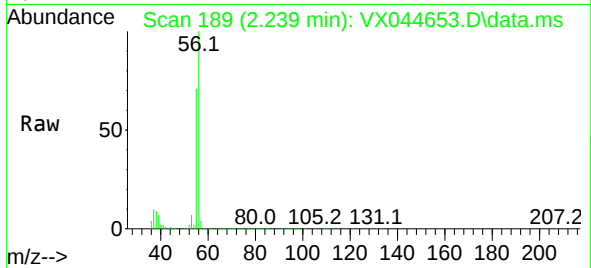
Tgt Ion: 96 Resp: 296987
Ion Ratio Lower Upper
96 100
61 161.3 131.1 196.7
98 64.0 51.2 76.8





#13
Acrolein
Concen: 762.485 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

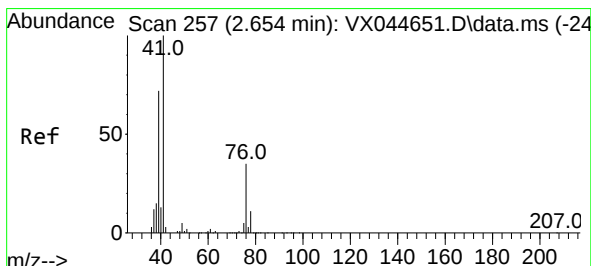
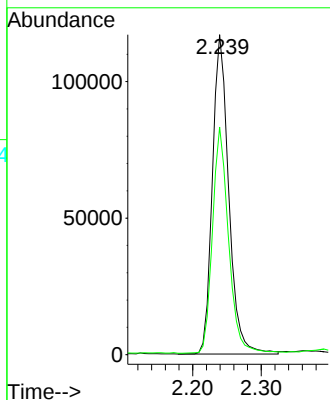
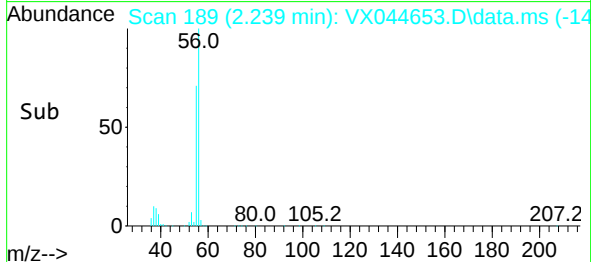
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 193280
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7

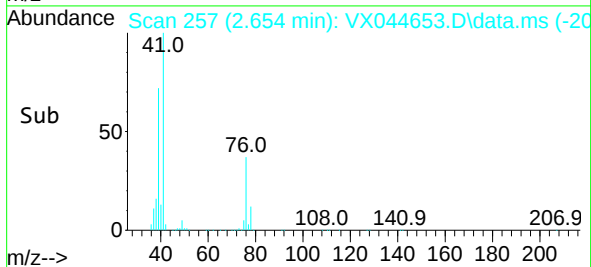
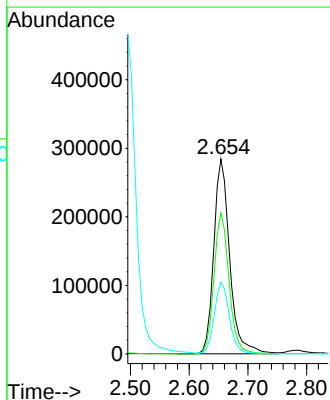
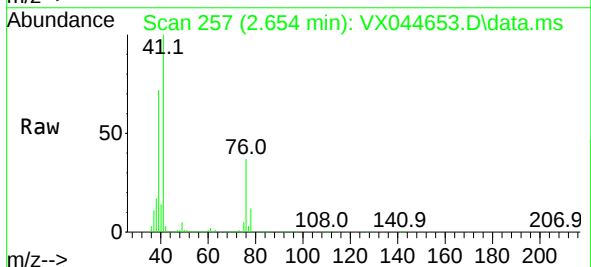
Manual Integrations
APPROVED

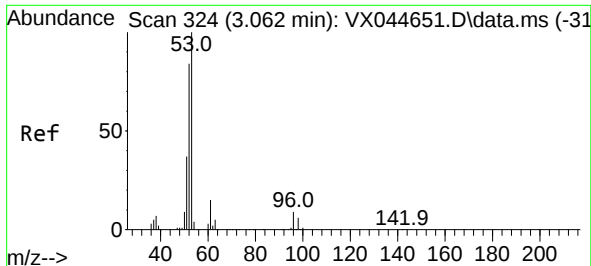
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 146.366 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

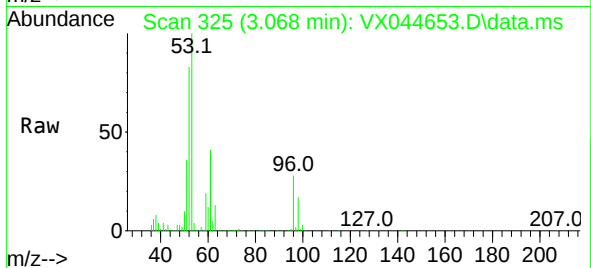
Tgt Ion: 41 Resp: 534150
Ion Ratio Lower Upper
41 100
39 68.7 54.9 82.3
76 34.9 28.4 42.6





#15
Acrylonitrile
Concen: 742.040 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

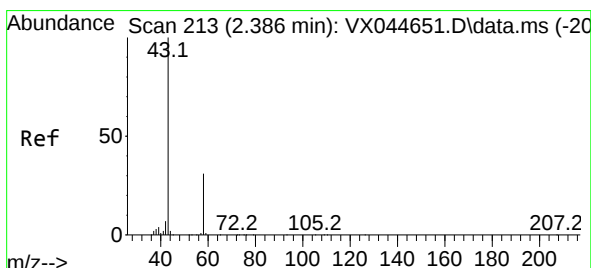
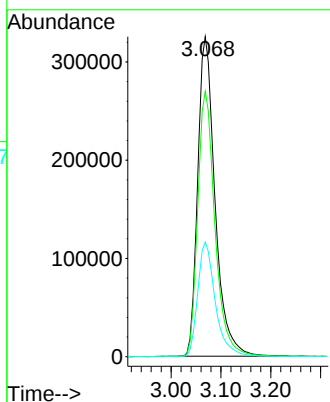
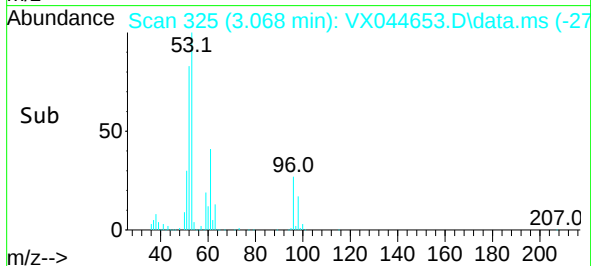
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 783970
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.2 28.9 43.3

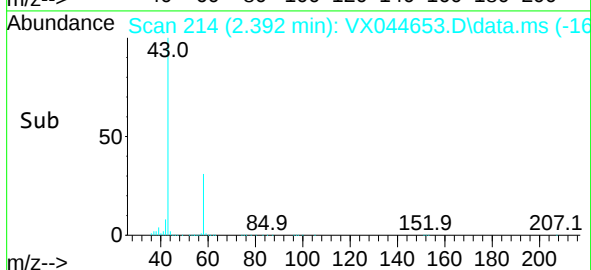
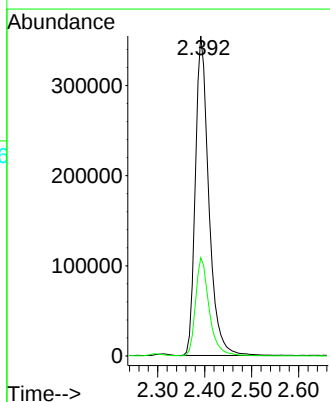
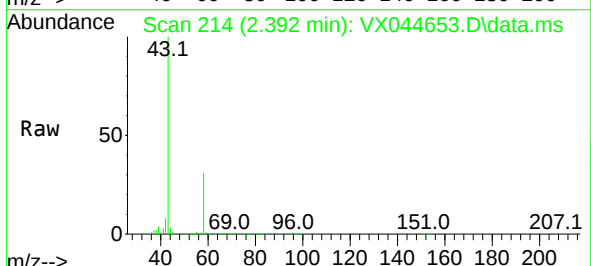
Manual Integrations
APPROVED

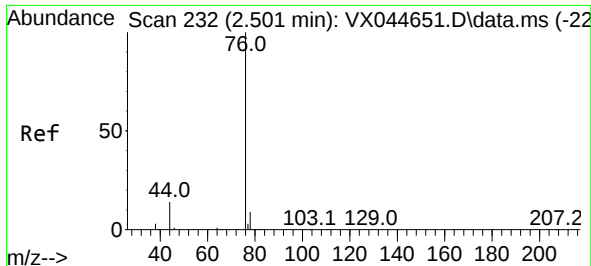
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#16
Acetone
Concen: 740.713 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

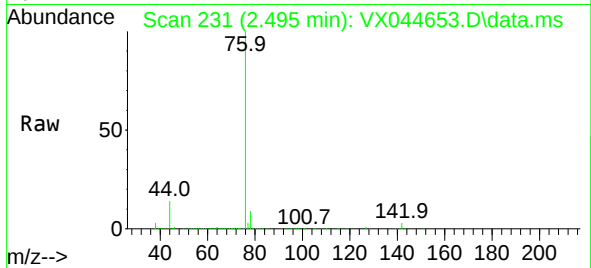
Tgt Ion: 43 Resp: 708100
Ion Ratio Lower Upper
43 100
58 30.7 24.6 37.0





#17
Carbon Disulfide
Concen: 157.079 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

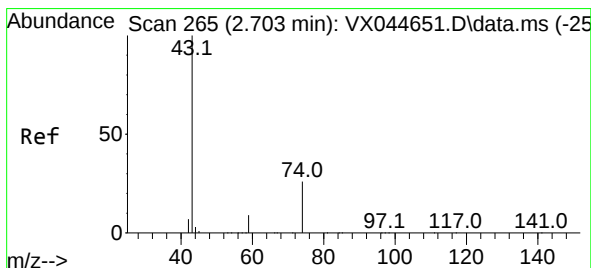
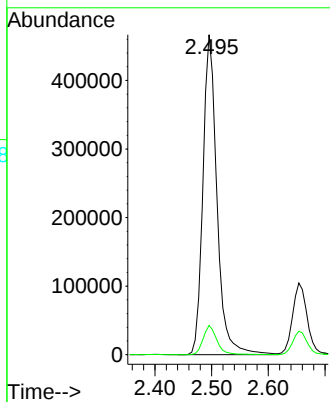
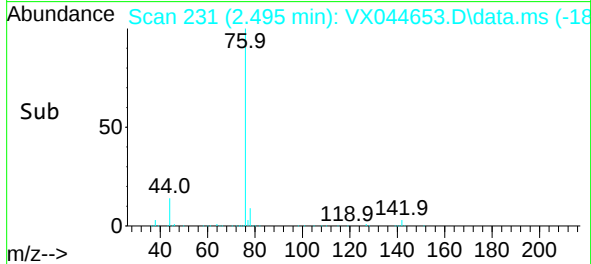
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 803379
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

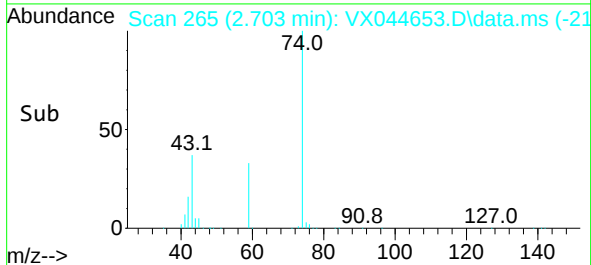
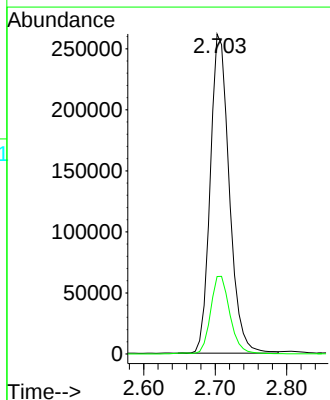
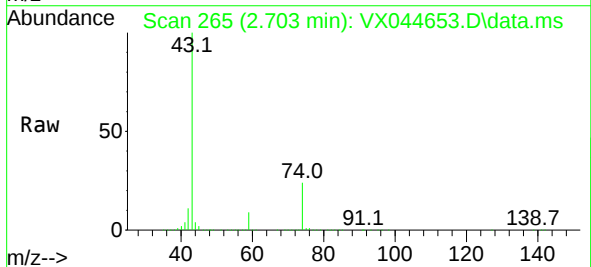
Manual Integrations
APPROVED

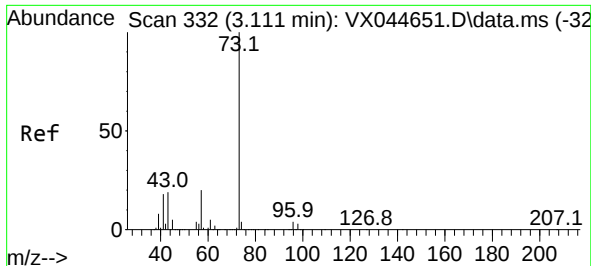
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#18
Methyl Acetate
Concen: 163.814 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

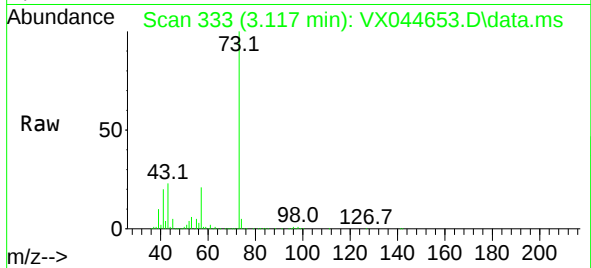
Tgt Ion: 43 Resp: 483139
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 152.410 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

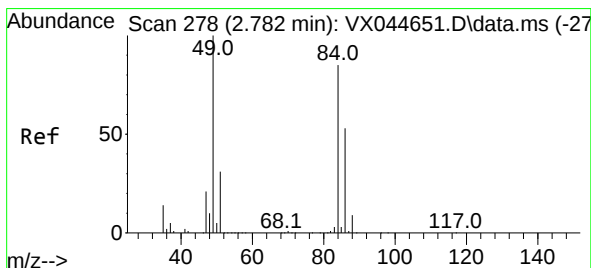
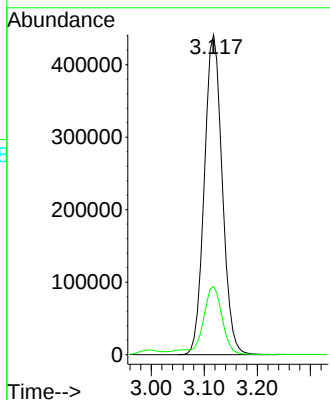
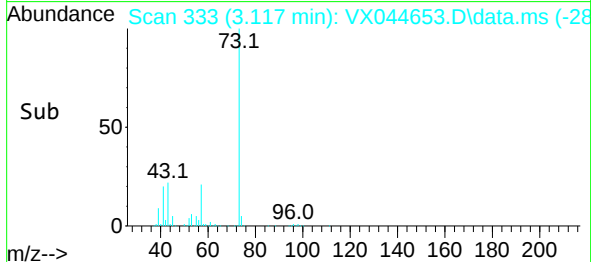
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 1034710
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

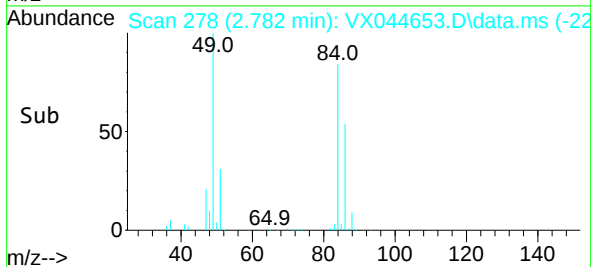
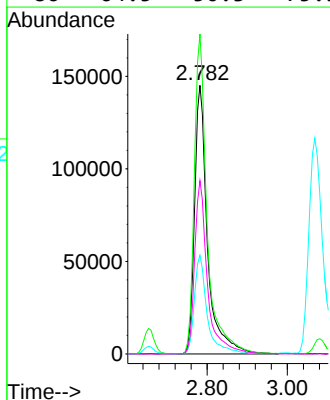
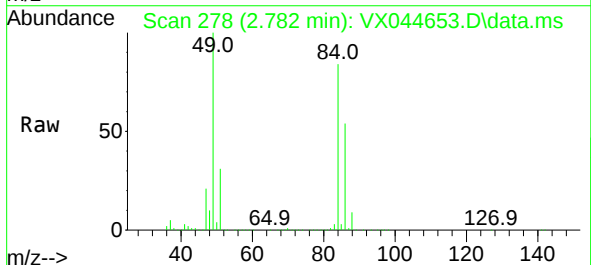
Manual Integrations
APPROVED

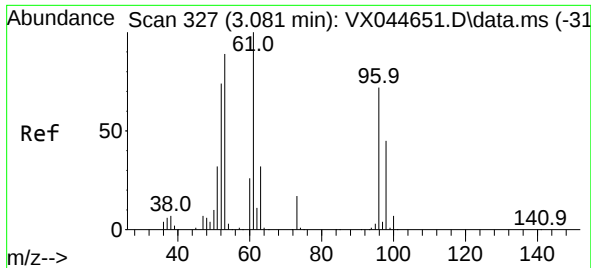
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 146.417 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

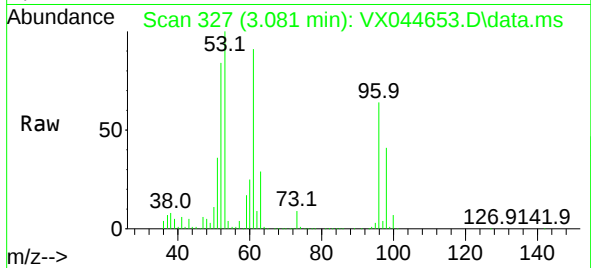
Tgt Ion: 84 Resp: 325957
Ion Ratio Lower Upper
84 100
49 119.1 94.2 141.4
51 36.7 28.8 43.2
86 64.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 148.536 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

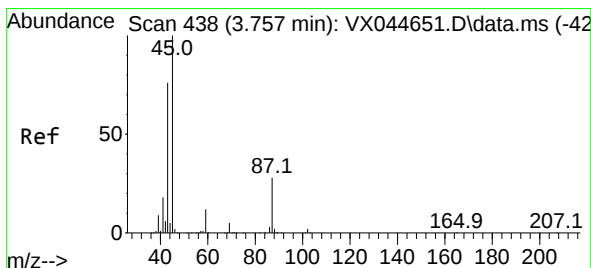
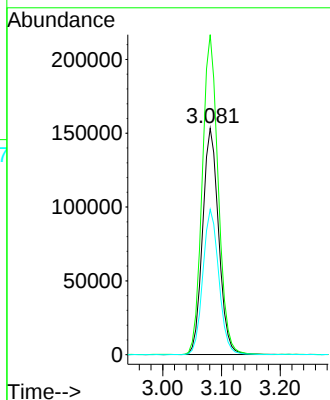
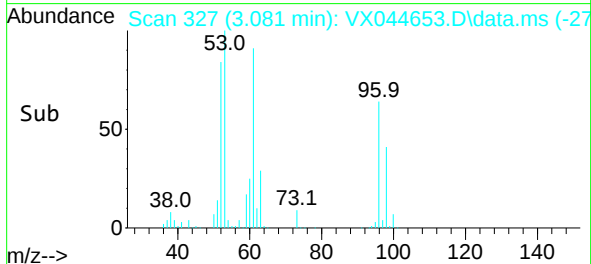
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



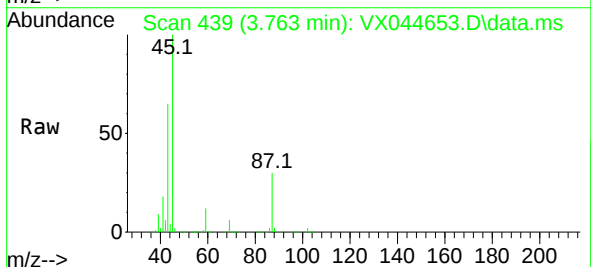
Tgt Ion: 96 Resp: 29067
Ion Ratio Lower Upper
96 100
61 141.3 111.0 166.6
98 64.2 50.2 75.2

Manual Integrations
APPROVED

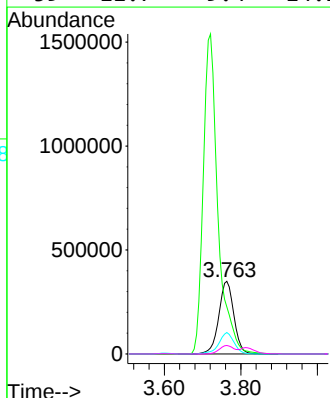
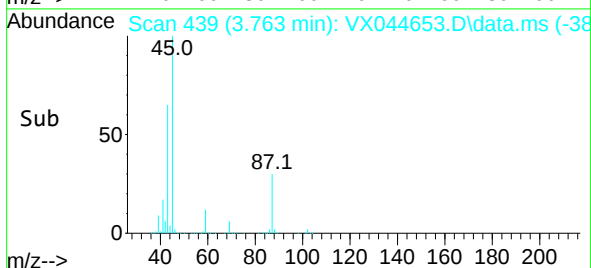
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

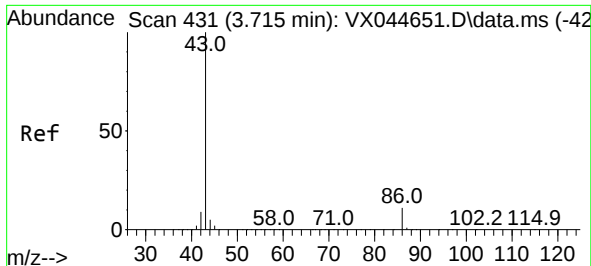


#22
Diisopropyl ether
Concen: 150.864 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



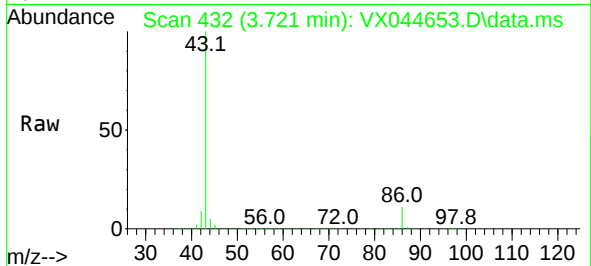
Tgt Ion: 45 Resp: 957045
Ion Ratio Lower Upper
45 100
43 64.8 61.0 91.6
87 29.6 22.7 34.1
59 11.7 9.4 14.2





#23
 Vinyl Acetate
 Concen: 738.701 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

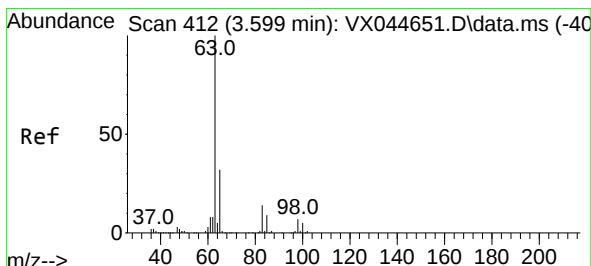
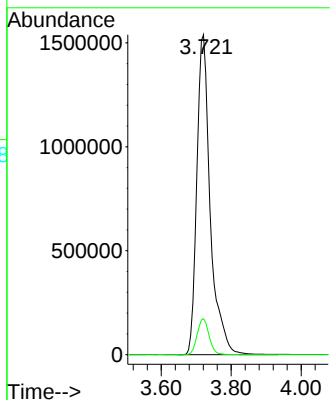
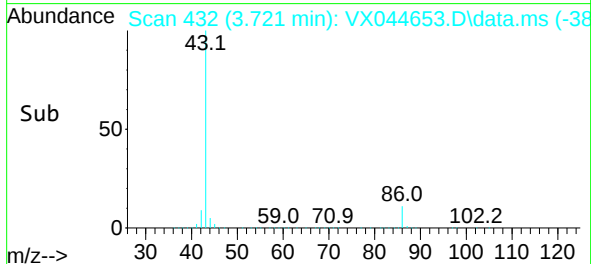
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



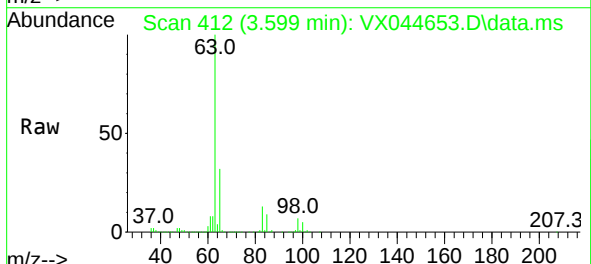
Tgt Ion: 43 Resp: 410158
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

Manual Integrations
 APPROVED

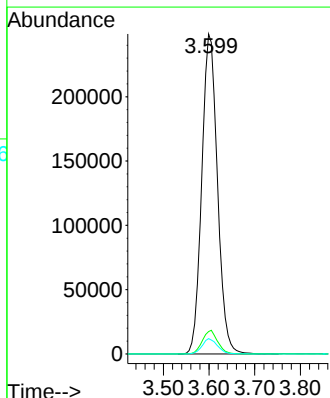
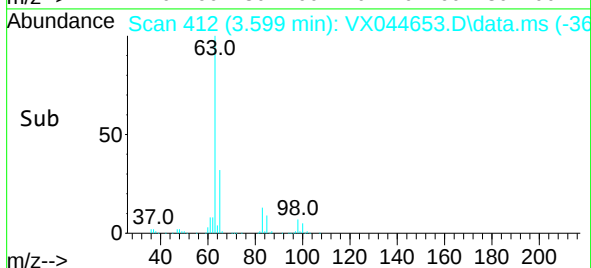
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

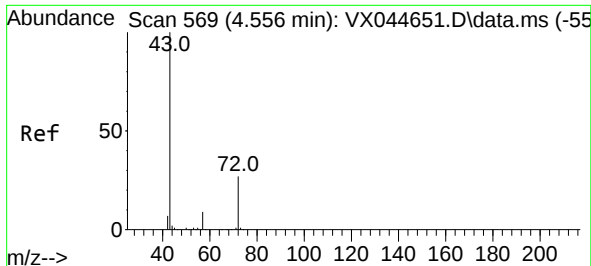


#24
 1,1-Dichloroethane
 Concen: 158.014 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37



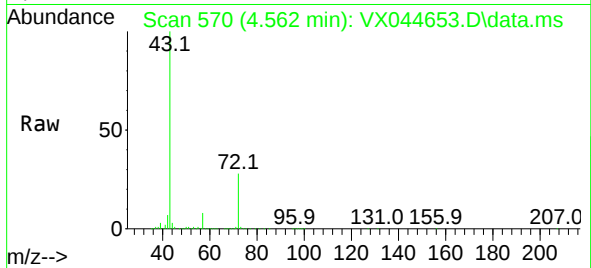
Tgt Ion: 63 Resp: 594429
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.8 2.5 7.5





#25
2-Butanone
Concen: 759.640 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

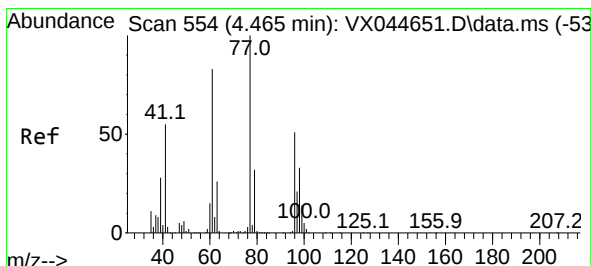
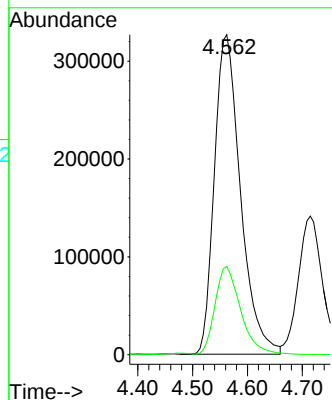
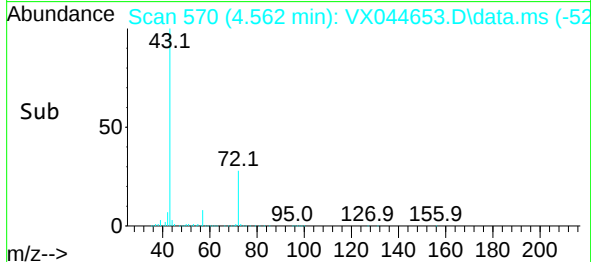
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1079710
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5

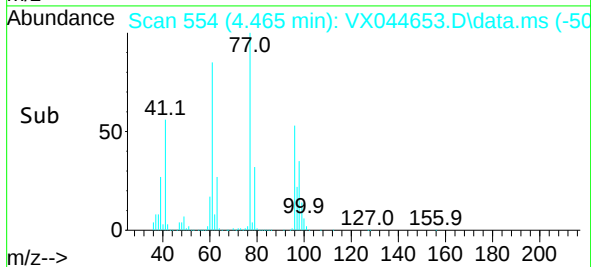
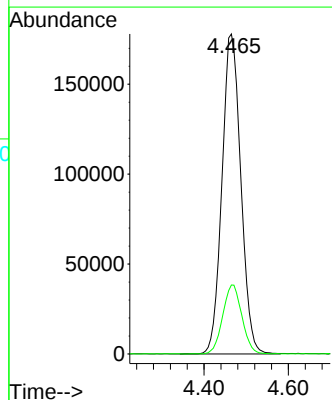
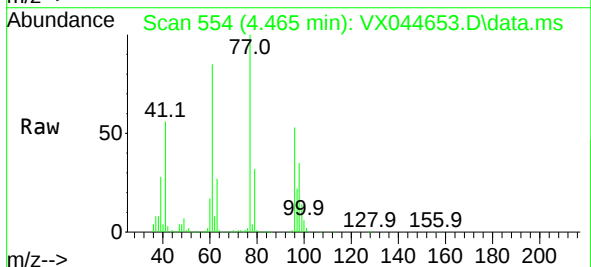
Manual Integrations
APPROVED

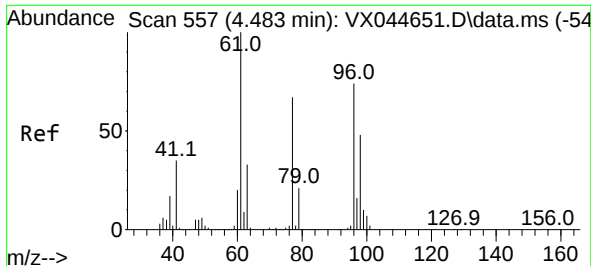
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 150.882 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion: 77 Resp: 550106
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 150.386 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 37017

Ion Ratio Lower Upper

96 100

61 147.0 0.0 296.0

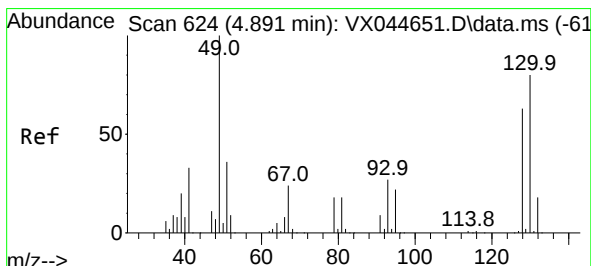
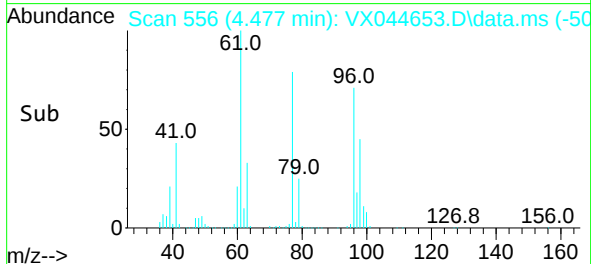
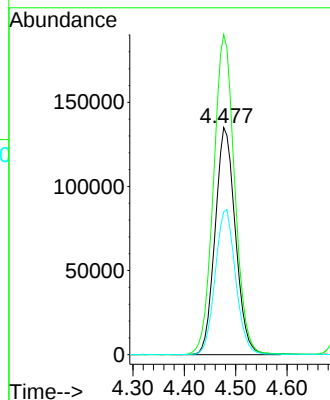
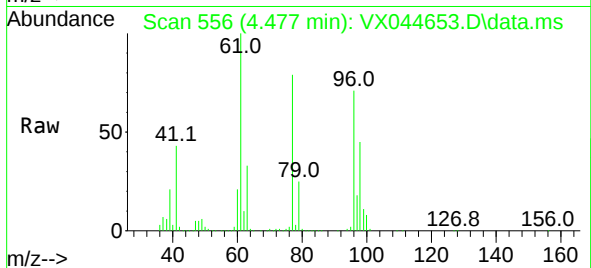
98 64.4 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#28

Bromochloromethane

Concen: 142.922 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

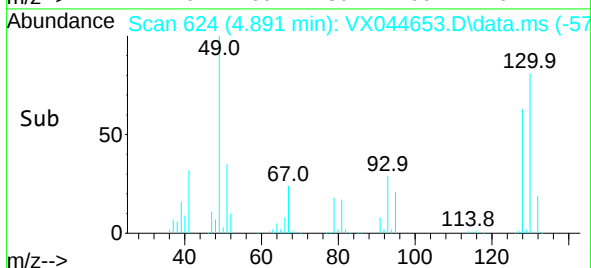
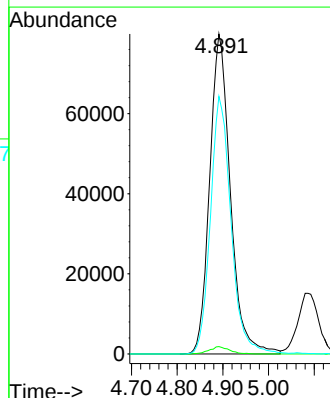
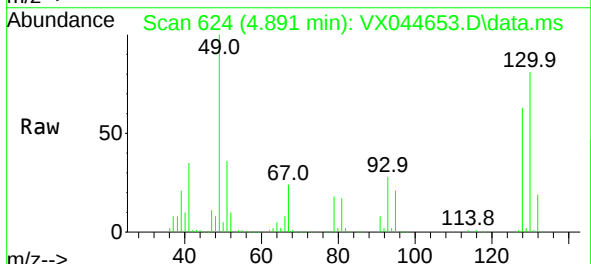
Tgt Ion: 49 Resp: 251238

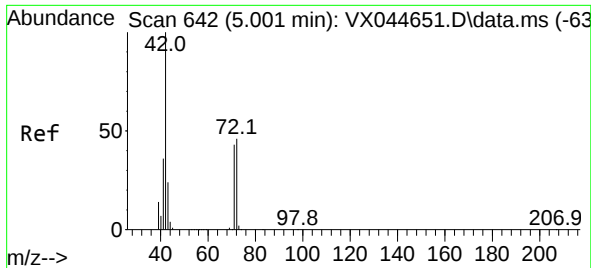
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

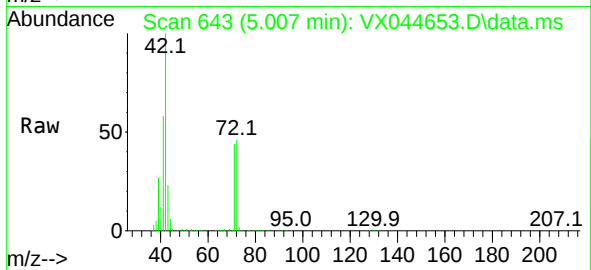
130 80.2 63.4 95.2





#29
Tetrahydrofuran
Concen: 752.528 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

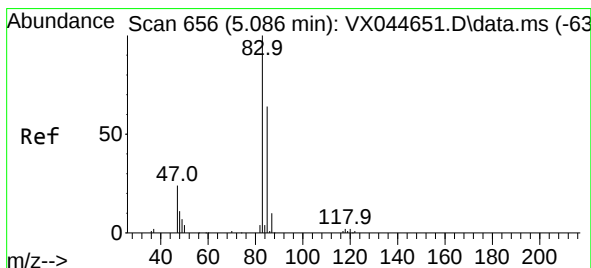
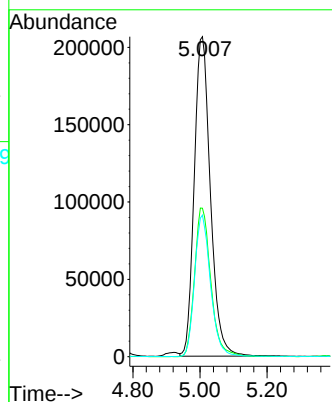
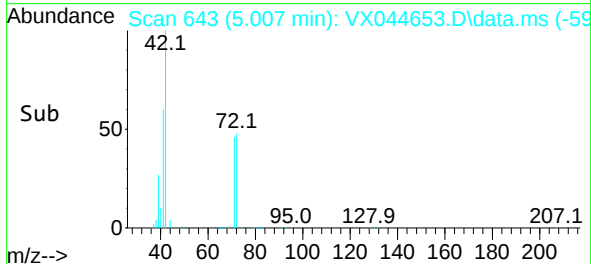
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 689928
Ion Ratio Lower Upper
42 100
72 47.0 38.2 57.4
71 43.6 35.3 52.9

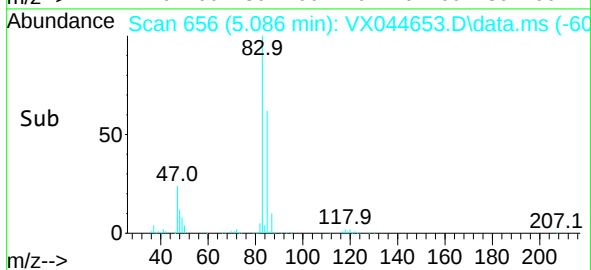
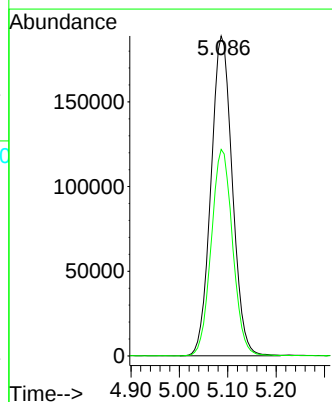
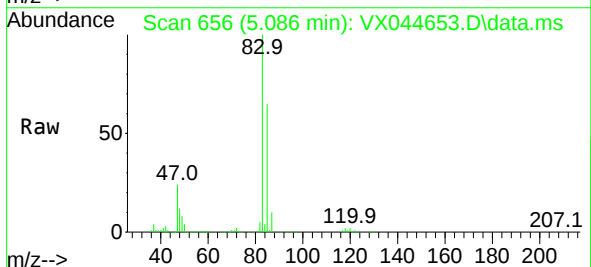
Manual Integrations
APPROVED

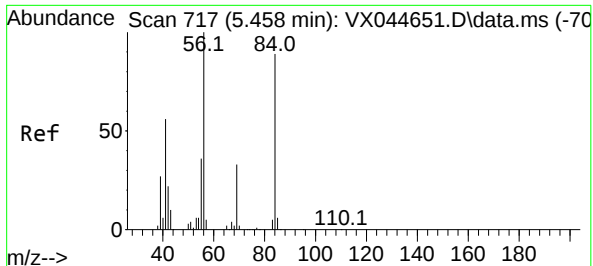
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#30
Chloroform
Concen: 152.595 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

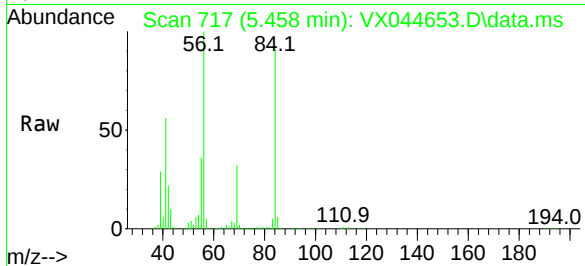
Tgt Ion: 83 Resp: 579322
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8





#31
Cyclohexane
Concen: 156.483 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

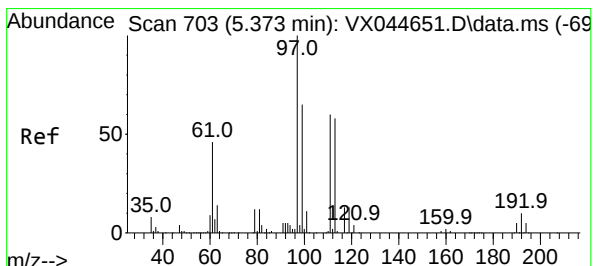
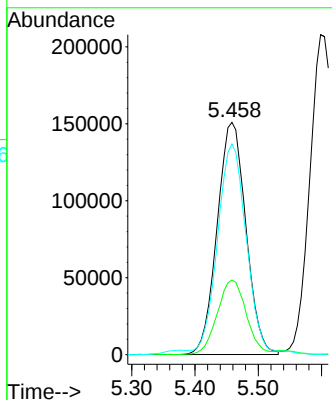
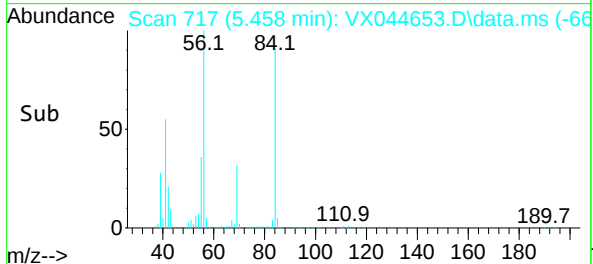
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



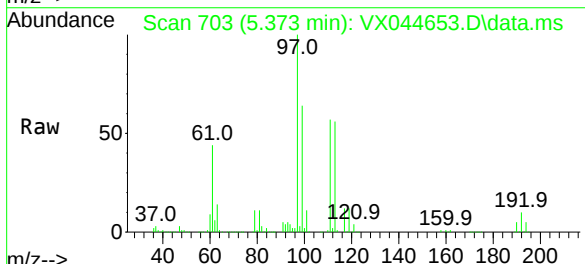
Tgt Ion: 56 Resp: 476100
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 89.3 71.0 106.4

Manual Integrations
APPROVED

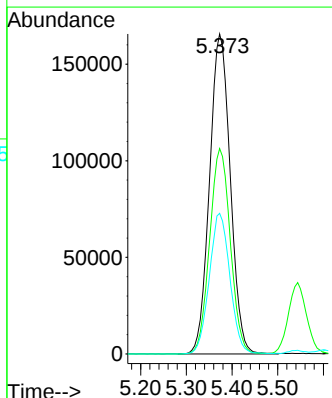
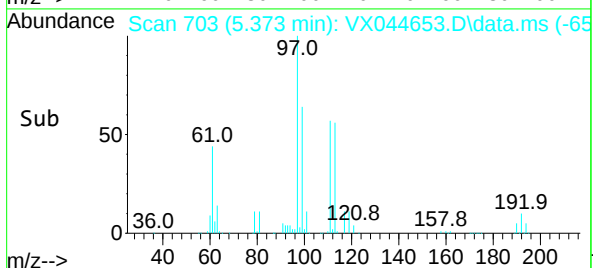
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

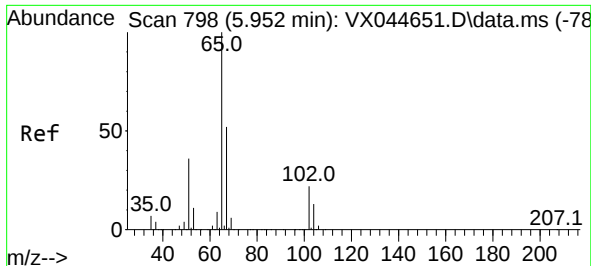


#32
1,1,1-Trichloroethane
Concen: 149.582 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



Tgt Ion: 97 Resp: 522062
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 43.9 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 156.114 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044653.D

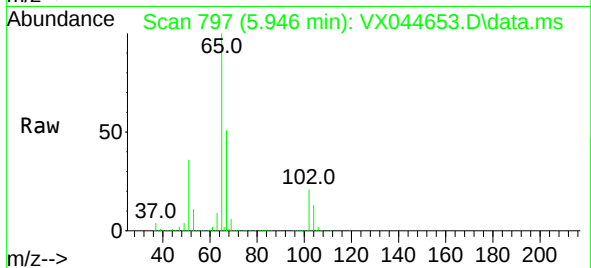
Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion: 65 Resp: 37721

Ion Ratio Lower Upper

65 100

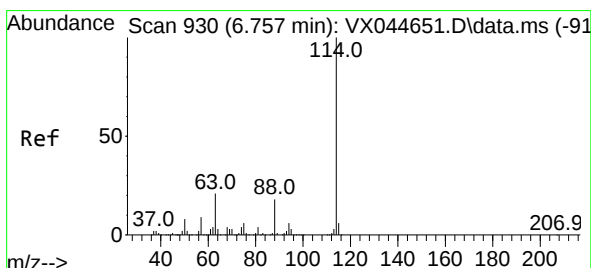
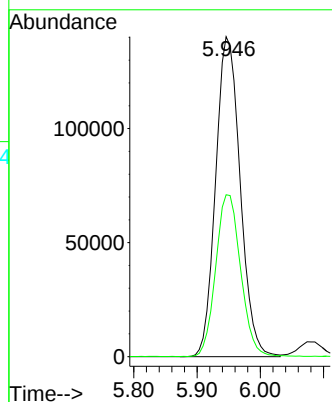
67 51.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

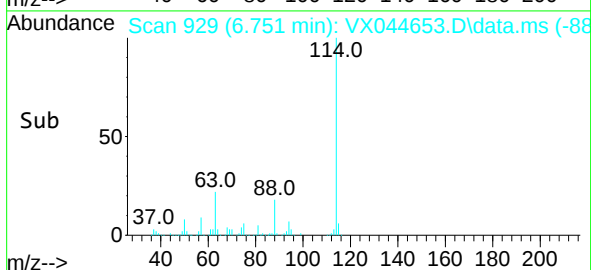
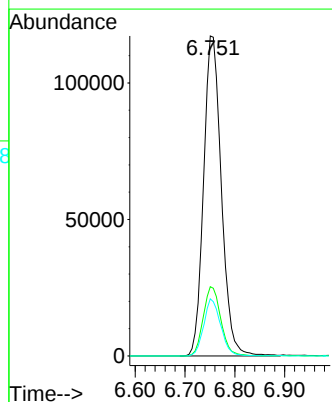
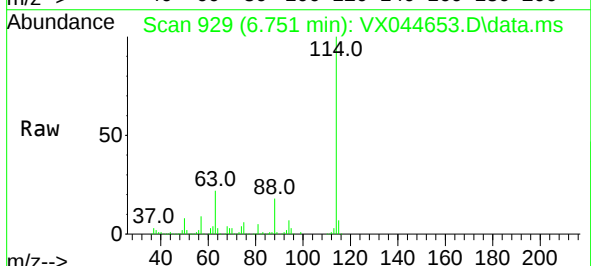
Tgt Ion:114 Resp: 290219

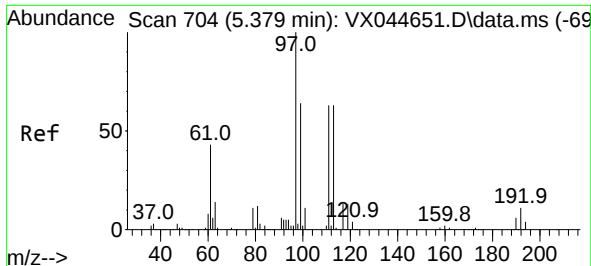
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

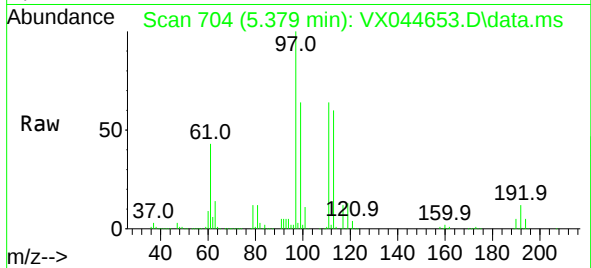
88 17.8 0.0 35.4





#35
Dibromofluoromethane
Concen: 157.288 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

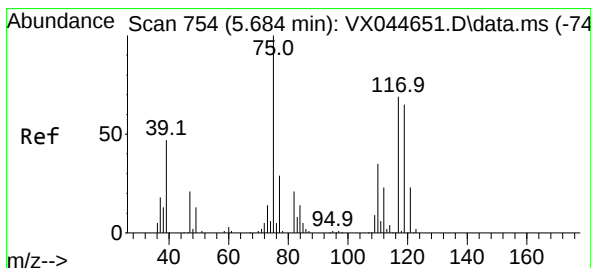
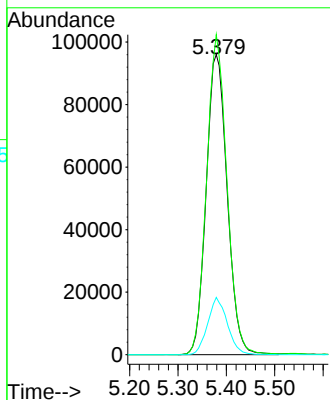
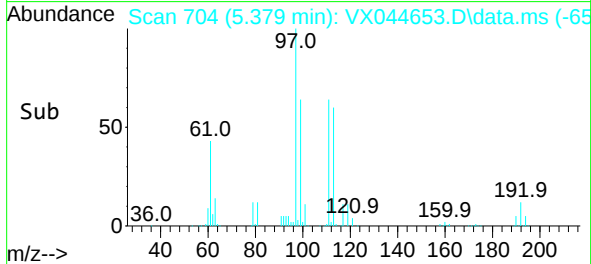
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 289994
Ion Ratio Lower Upper
113 100
111 103.2 81.6 122.4
192 17.9 14.4 21.6

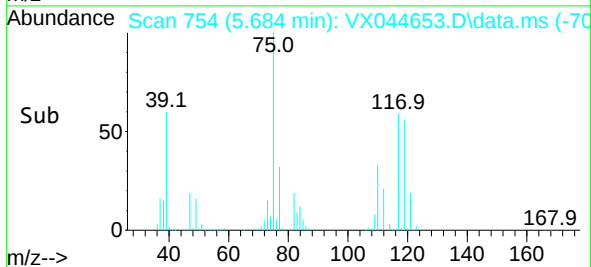
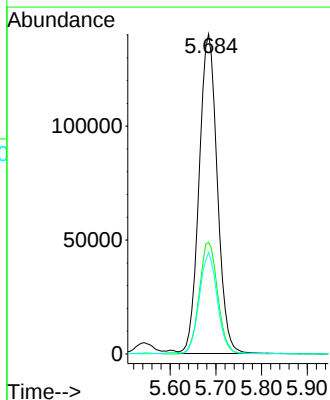
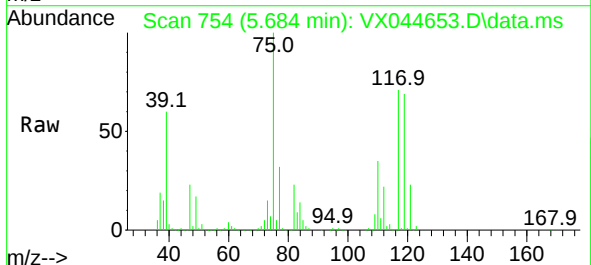
Manual Integrations
APPROVED

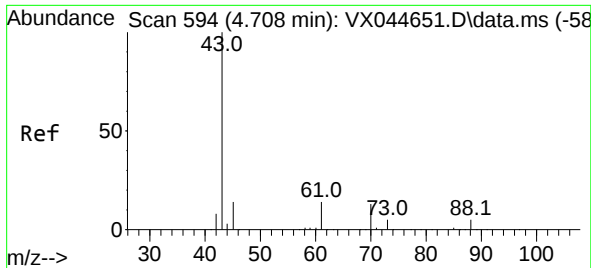
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#36
1,1-Dichloropropene
Concen: 150.517 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

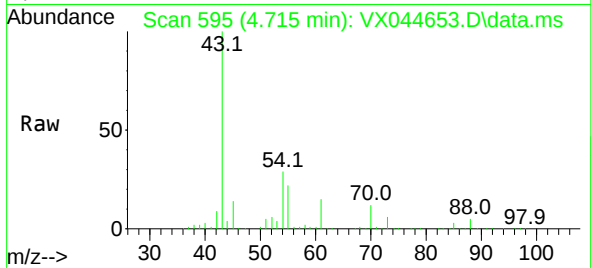
Tgt Ion: 75 Resp: 386304
Ion Ratio Lower Upper
75 100
110 35.5 17.9 53.8
77 31.1 24.5 36.7





#37
Ethyl Acetate
Concen: 158.764 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

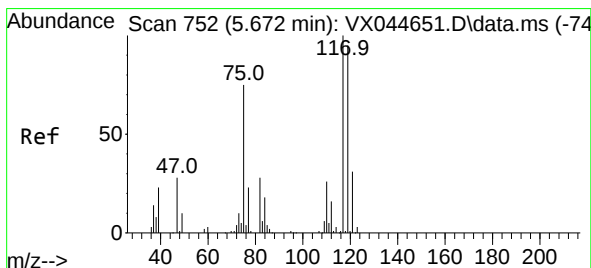
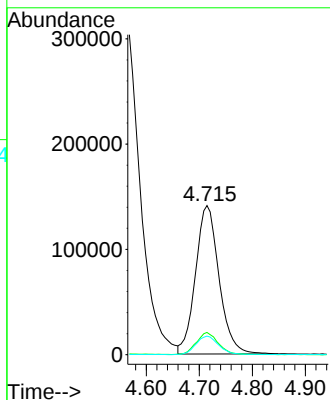
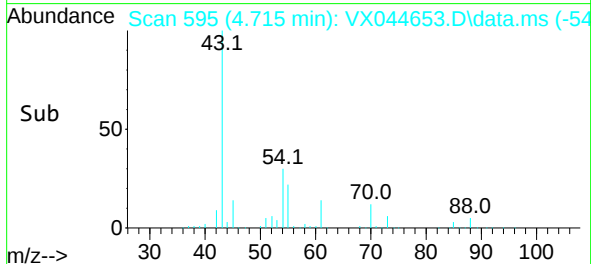
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 433924
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 12.3 10.1 15.1

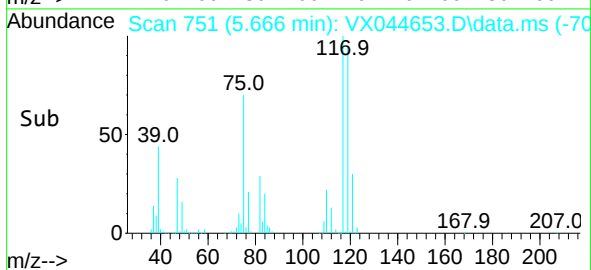
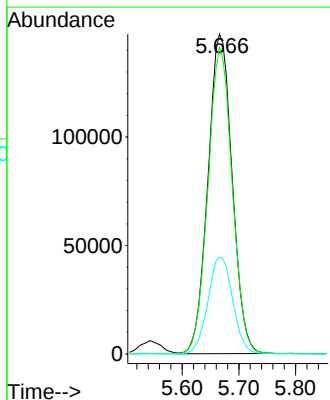
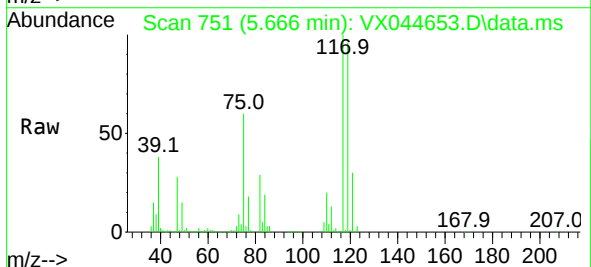
Manual Integrations
APPROVED

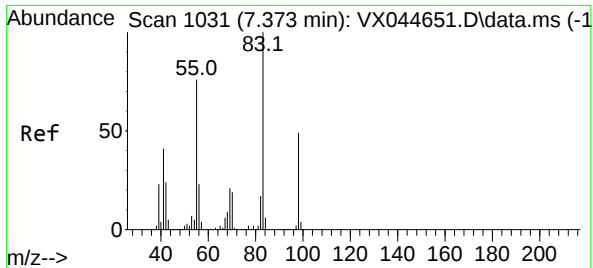
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 151.528 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion:117 Resp: 437442
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0
121 30.3 24.6 36.8





#39

Methylcyclohexane

Concen: 157.021 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

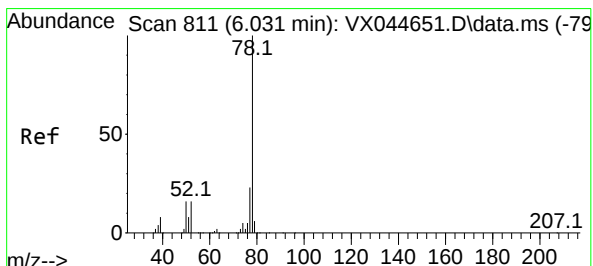
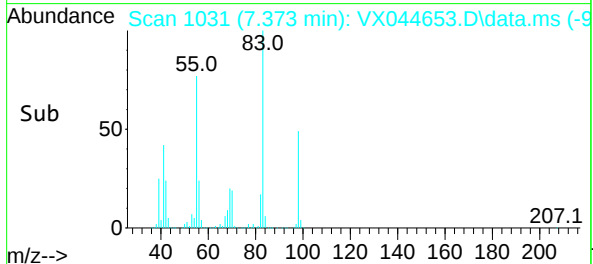
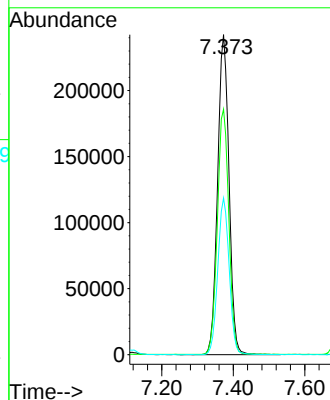
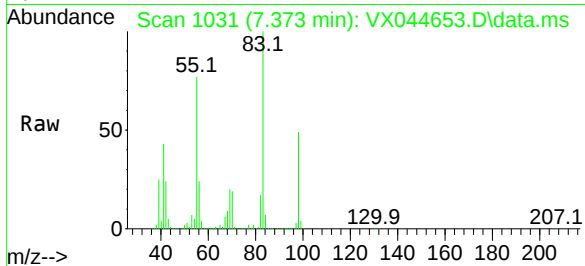
Tgt Ion: 83 Resp: 534970
 Ion Ratio Lower Upper
 83 100
 55 76.6 60.5 90.7
 98 49.0 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#40

Benzene

Concen: 151.523 ug/l

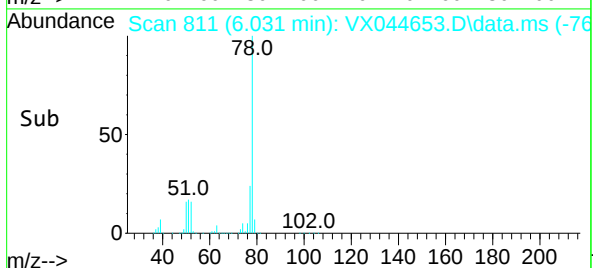
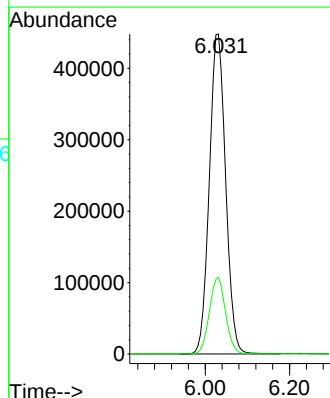
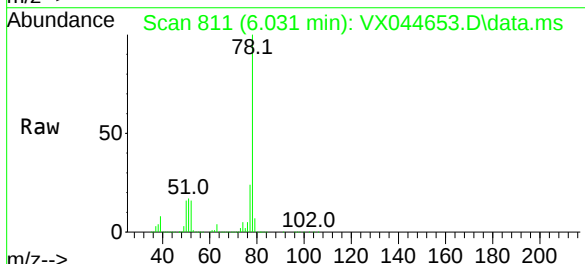
RT: 6.031 min Scan# 811

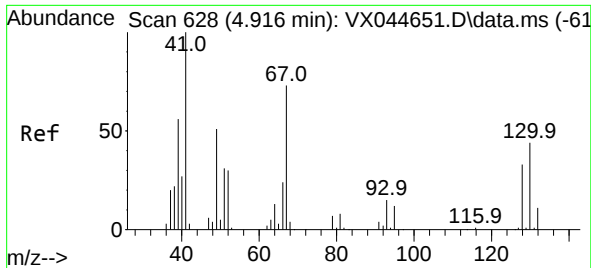
Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

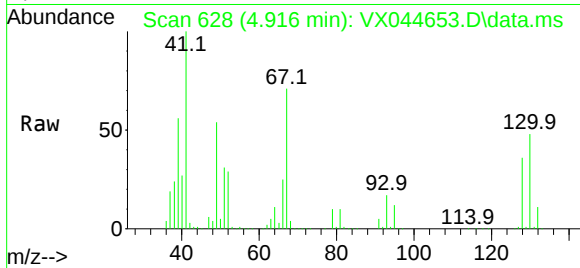
Tgt Ion: 78 Resp: 1205057
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.7 28.1





#41
Methacrylonitrile
Concen: 151.900 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

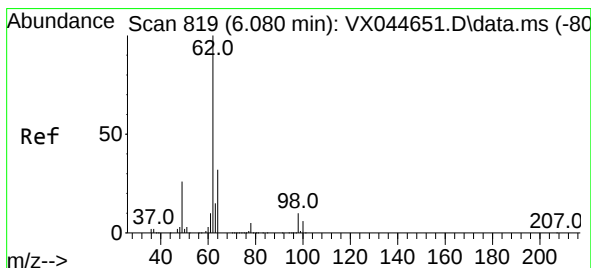
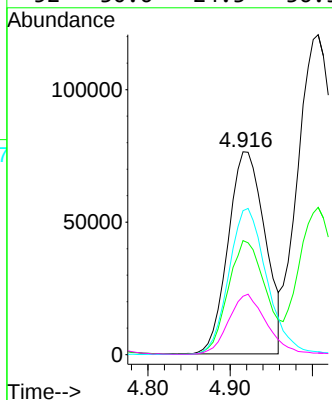
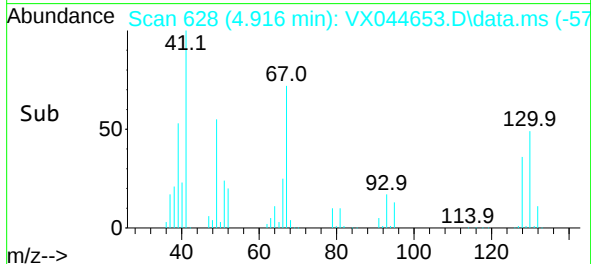
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



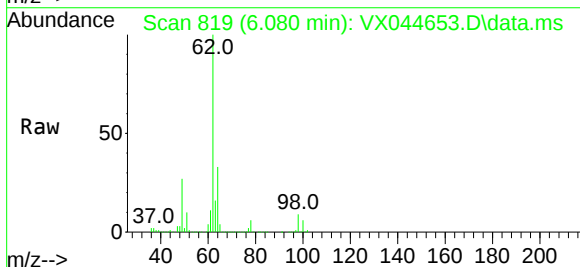
Tgt Ion: 41 Resp: 23860
Ion Ratio Lower Upper
41 100
39 57.9 44.4 66.6
67 74.8 60.6 90.8
52 30.6 24.3 36.5

Manual Integrations
APPROVED

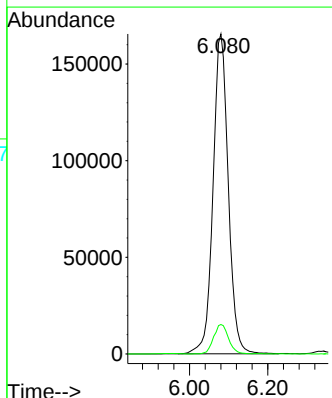
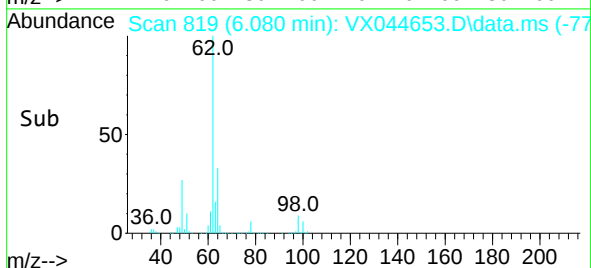
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

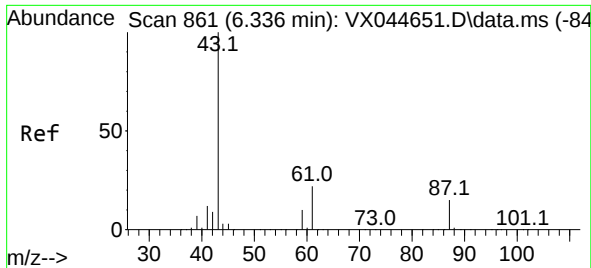


#42
1,2-Dichloroethane
Concen: 153.782 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



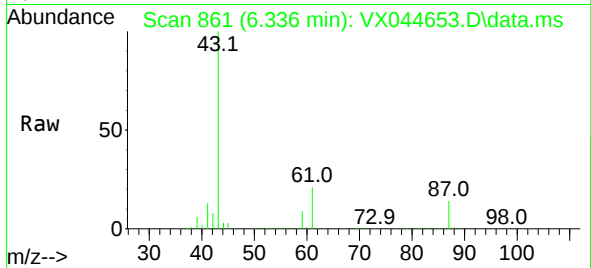
Tgt Ion: 62 Resp: 446380
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 151.528 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

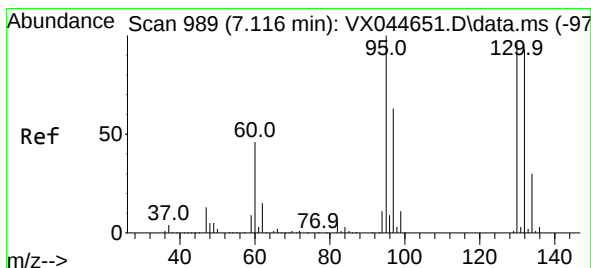
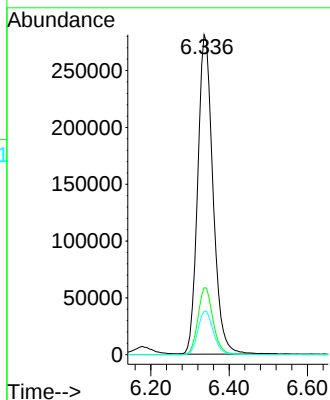
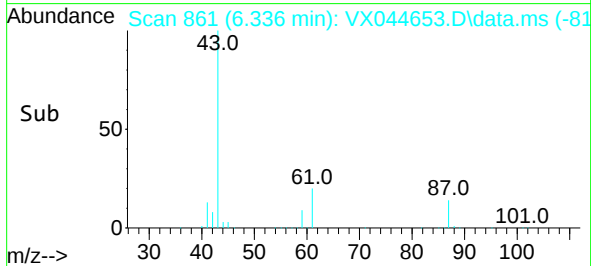
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 761860
Ion Ratio Lower Upper
43 100
61 20.8 16.6 24.8
87 14.0 11.0 16.6

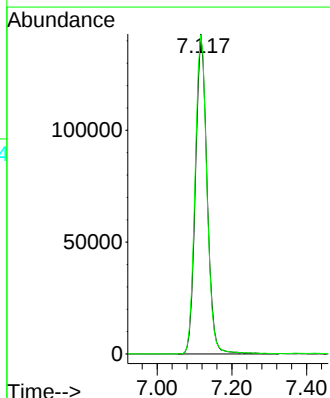
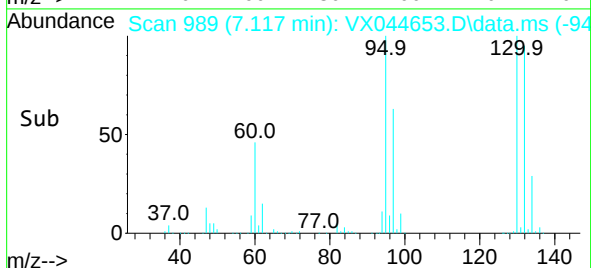
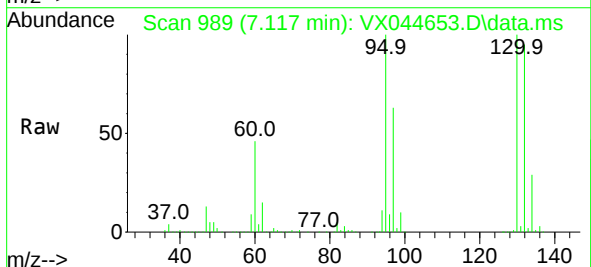
Manual Integrations
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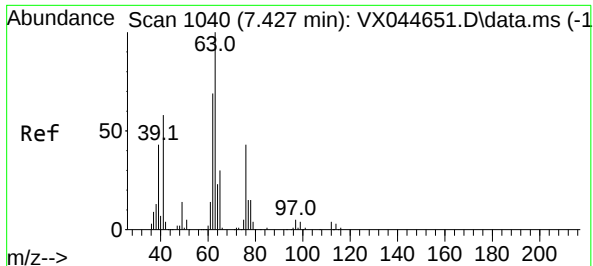
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#44
Trichloroethene
Concen: 161.735 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion:130 Resp: 309226
Ion Ratio Lower Upper
130 100
95 99.7 0.0 208.2





#45

1,2-Dichloropropane

Concen: 154.175 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 30864

Ion Ratio Lower Upper

63 100

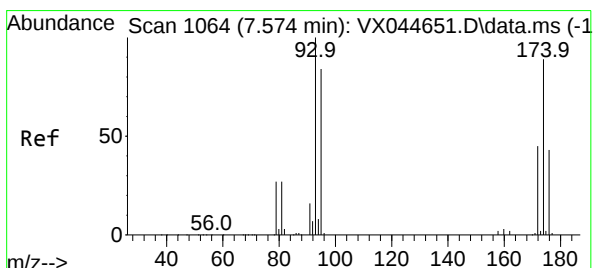
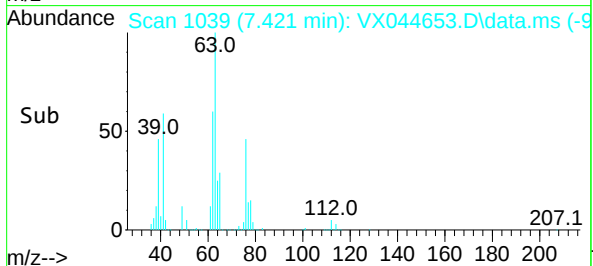
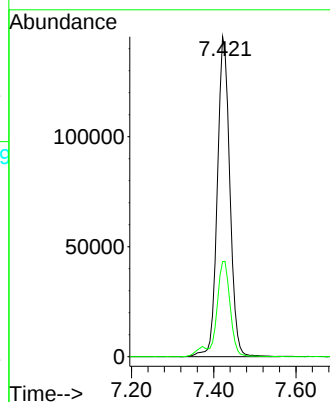
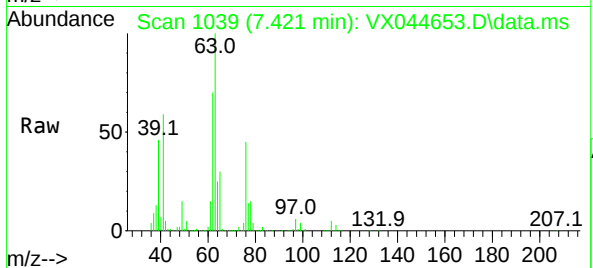
65 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#46

Dibromomethane

Concen: 152.021 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

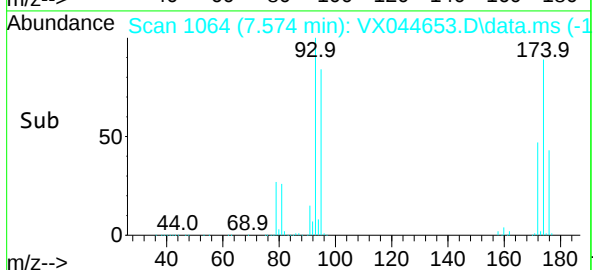
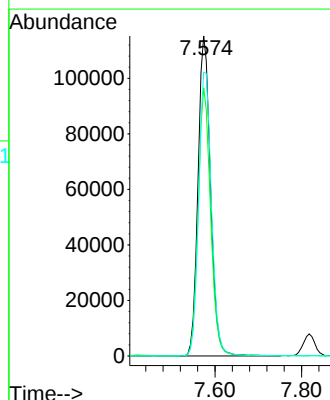
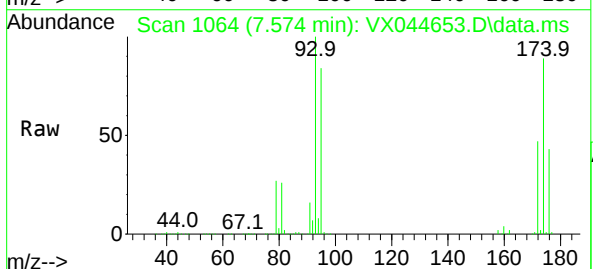
Tgt Ion: 93 Resp: 231674

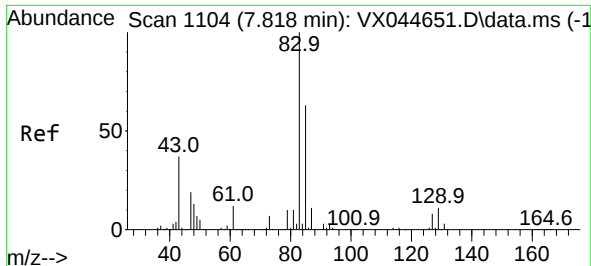
Ion Ratio Lower Upper

93 100

95 82.6 66.4 99.6

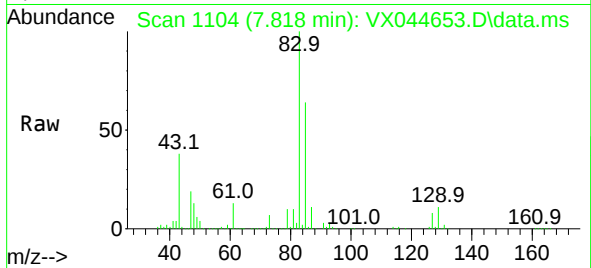
174 91.2 72.0 108.0





#47
Bromodichloromethane
Concen: 150.924 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

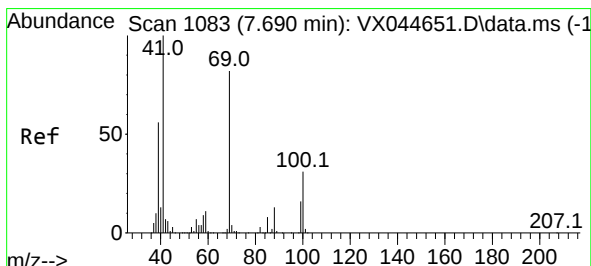
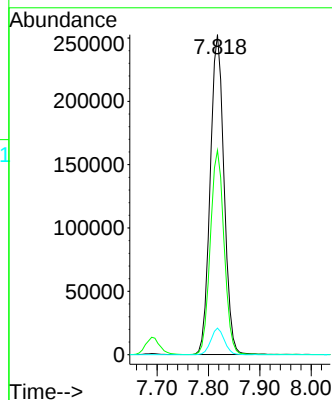
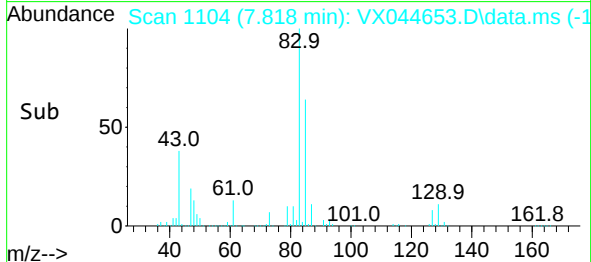
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



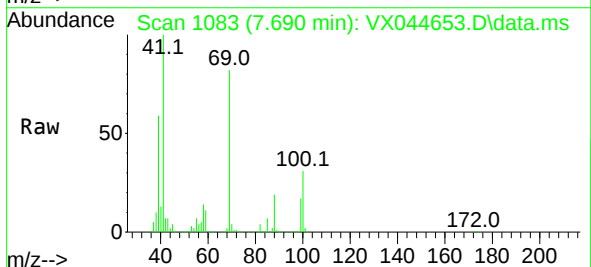
Tgt Ion: 83 Resp: 47168
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 6.5 9.7

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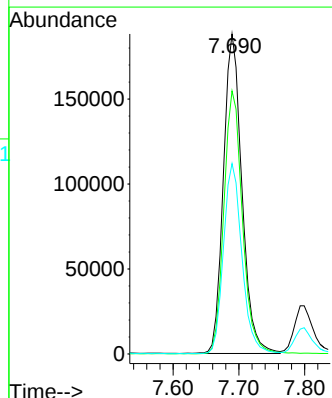
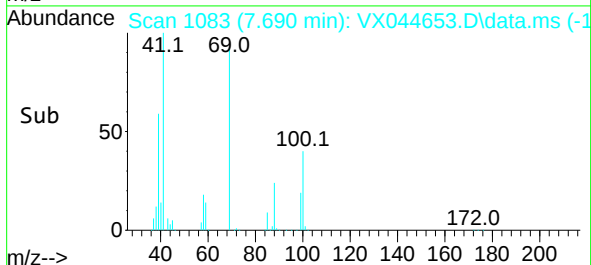
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

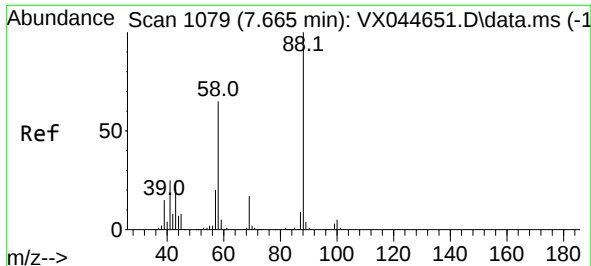


#48
Methyl methacrylate
Concen: 157.946 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



Tgt Ion: 41 Resp: 368626
Ion Ratio Lower Upper
41 100
69 82.4 66.8 100.2
39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 3005.585 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 146350

Ion Ratio Lower Upper

88 100

43 33.0 27.0 40.4

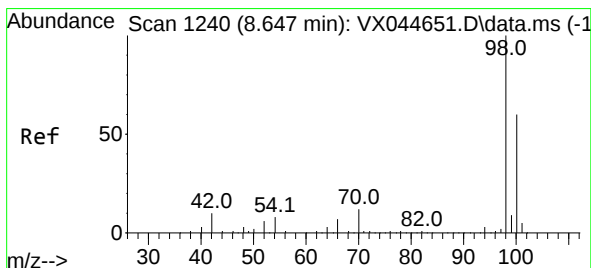
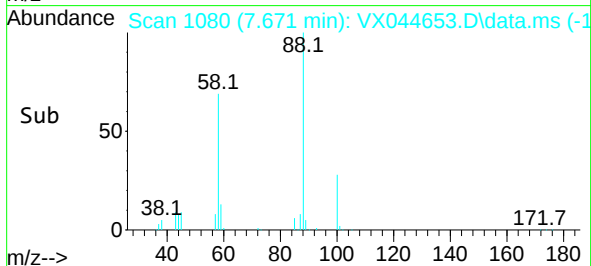
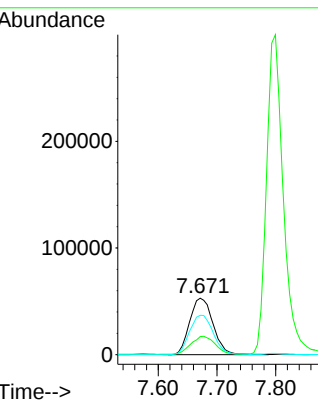
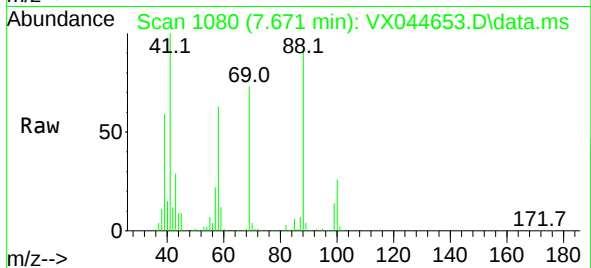
58 70.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#50

Toluene-d8

Concen: 149.572 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044653.D

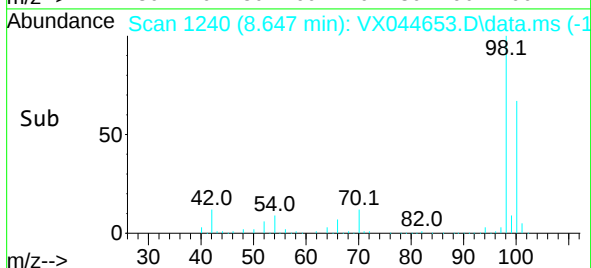
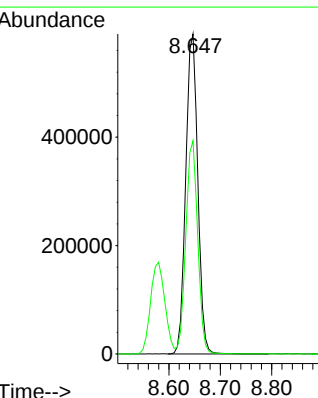
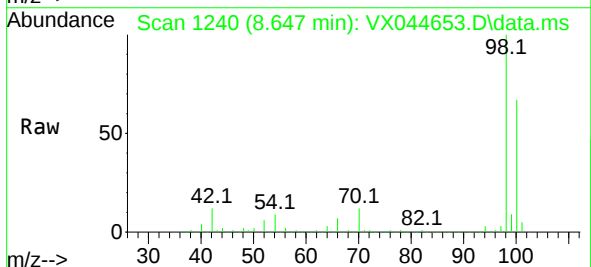
Acq: 15 Jan 2025 13:37

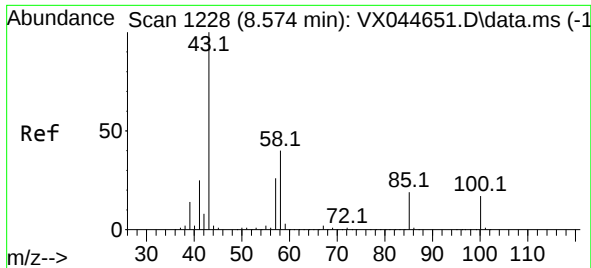
Tgt Ion: 98 Resp: 961550

Ion Ratio Lower Upper

98 100

100 66.1 53.2 79.8





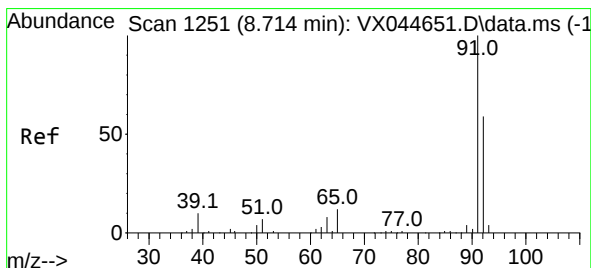
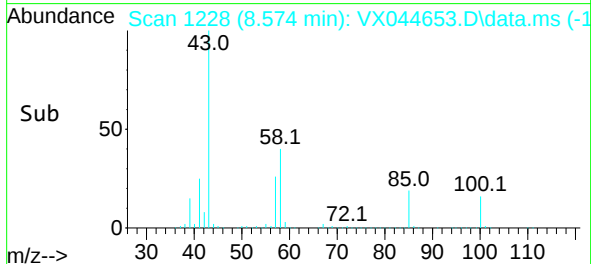
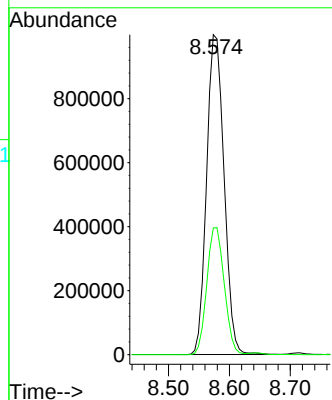
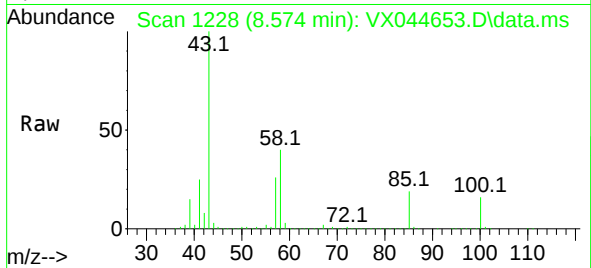
#51
4-Methyl-2-Pentanone
Concen: 717.818 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1994498
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9

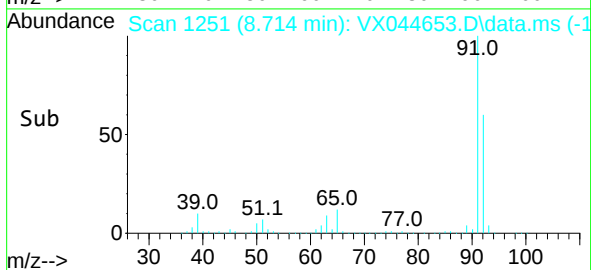
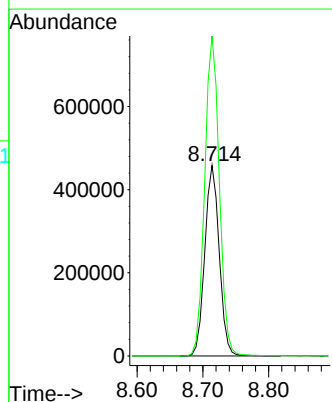
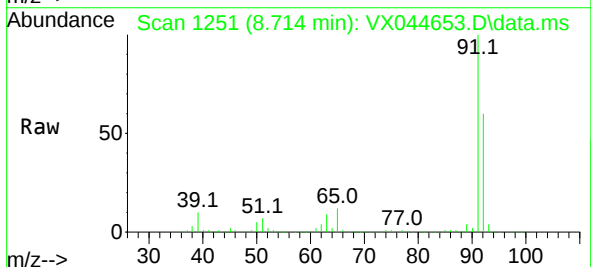
Manual Integrations
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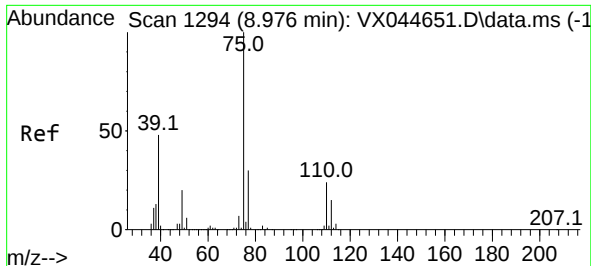
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#52
Toluene
Concen: 143.719 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion: 92 Resp: 699585
Ion Ratio Lower Upper
92 100
91 169.9 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 151.880 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 490414

Ion Ratio Lower Upper

75 100

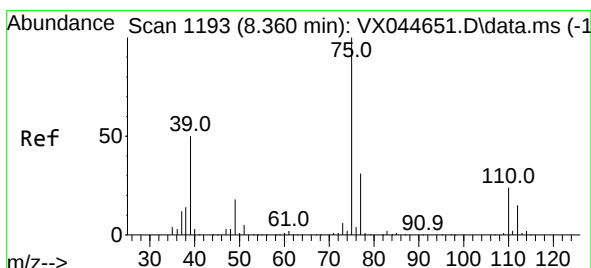
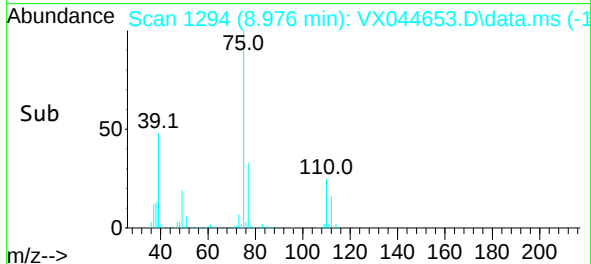
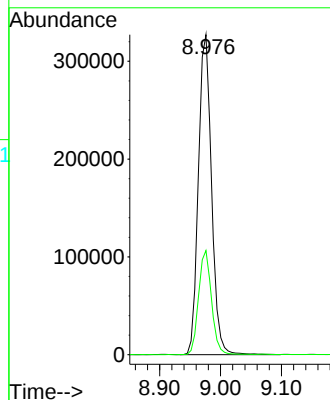
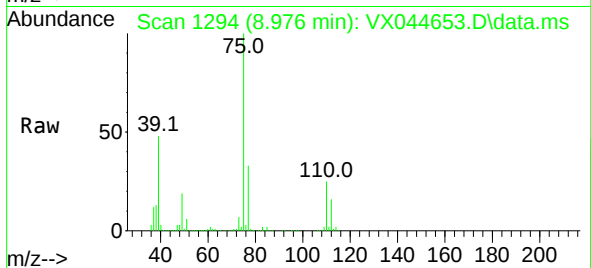
77 32.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#54

cis-1,3-Dichloropropene

Concen: 149.891 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

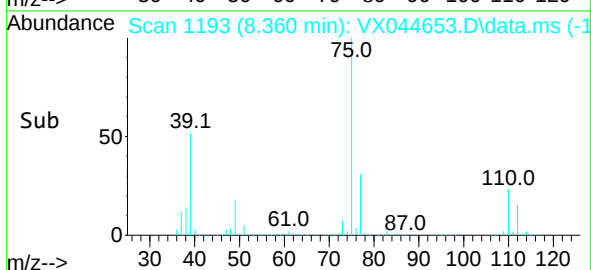
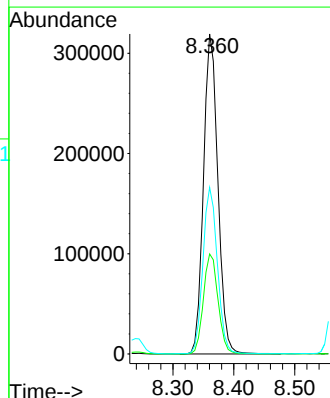
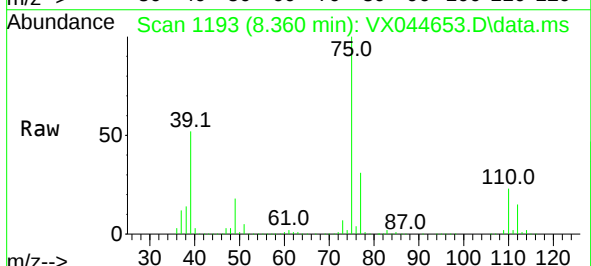
Tgt Ion: 75 Resp: 524796

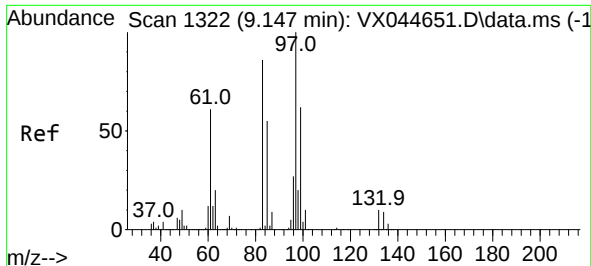
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

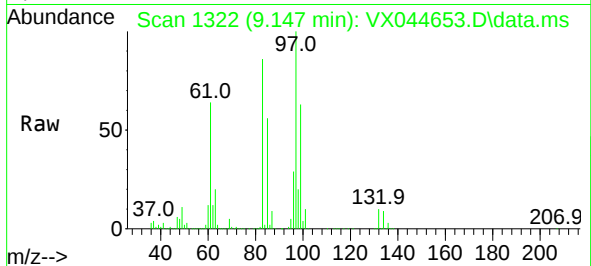
39 52.0 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 141.923 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

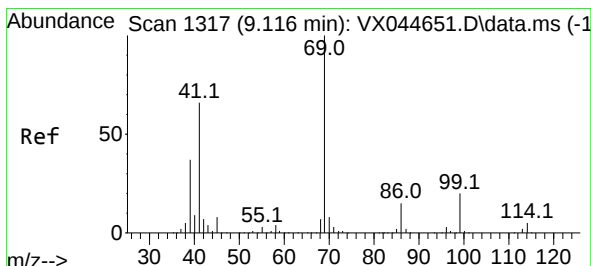
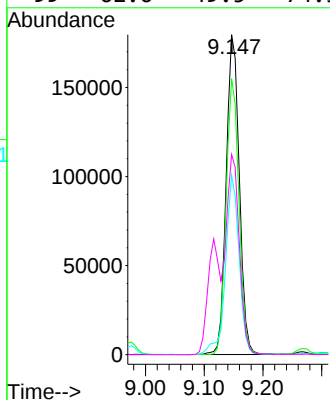
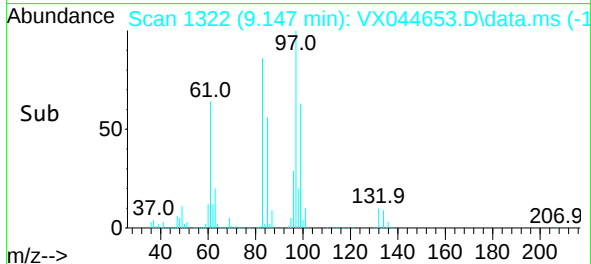
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



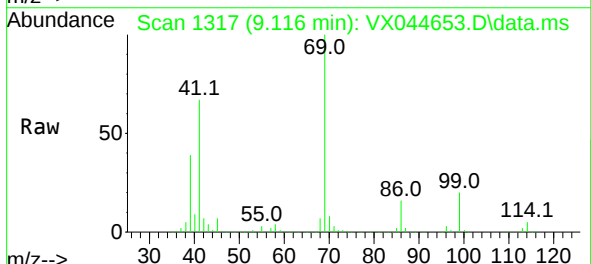
Tgt Ion: 97 Resp: 279509
Ion Ratio Lower Upper
97 100
83 86.2 68.8 103.2
85 56.0 43.7 65.5
99 62.6 49.5 74.3

Manual Integrations
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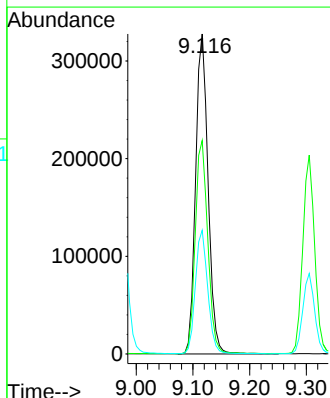
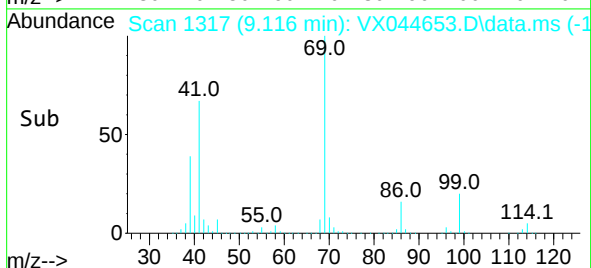
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

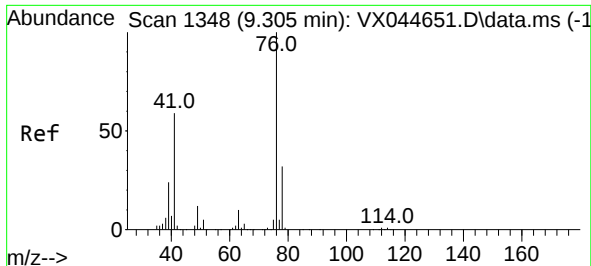


#56
Ethyl methacrylate
Concen: 147.609 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



Tgt Ion: 69 Resp: 499842
Ion Ratio Lower Upper
69 100
41 66.9 53.2 79.8
39 38.0 30.2 45.2





#57

1,3-Dichloropropane

Concen: 144.720 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 48534

Ion Ratio Lower Upper

76 100

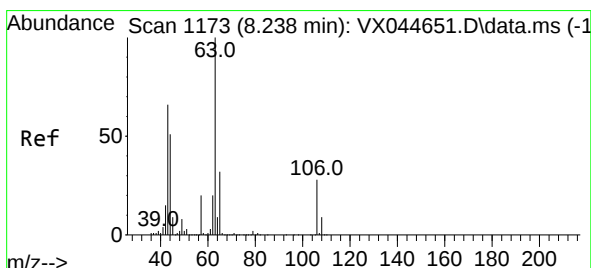
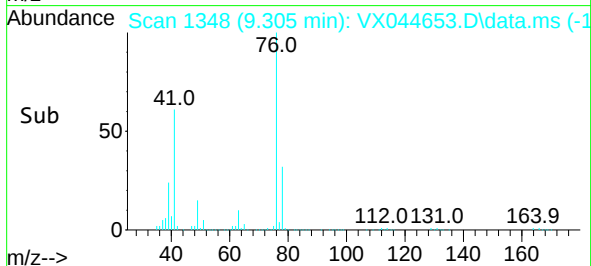
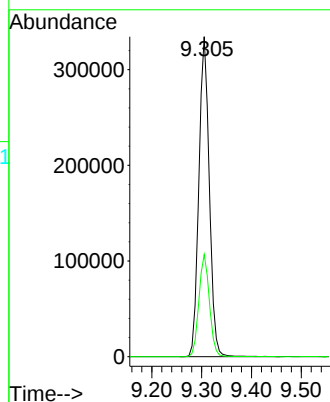
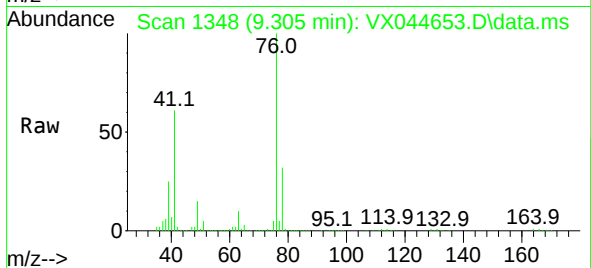
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 708.825 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044653.D

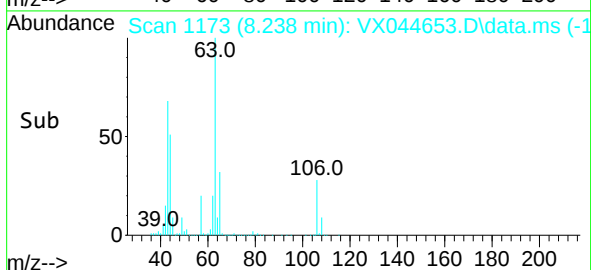
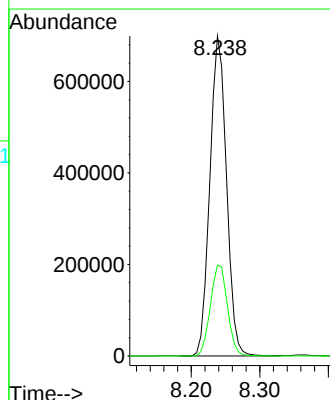
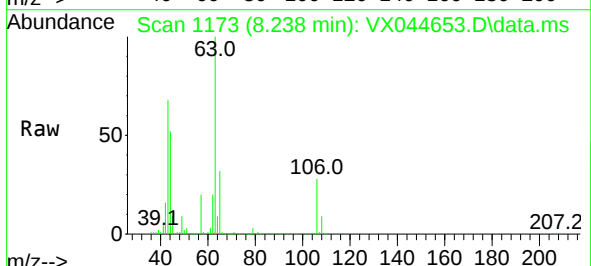
Acq: 15 Jan 2025 13:37

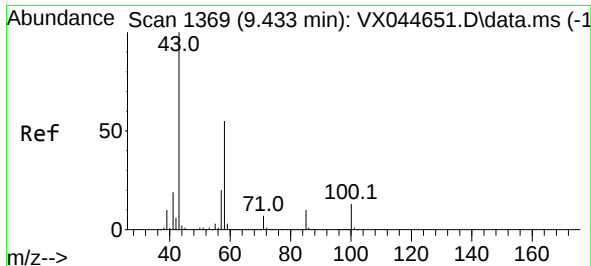
Tgt Ion: 63 Resp: 1178391

Ion Ratio Lower Upper

63 100

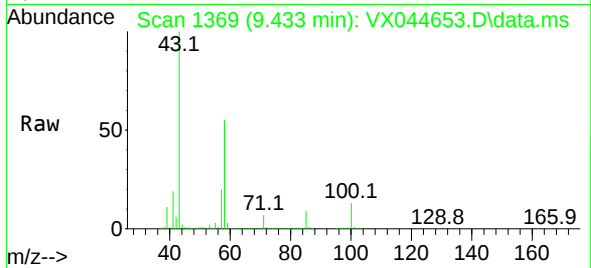
106 29.1 23.0 34.6





#59
2-Hexanone
Concen: 725.401 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

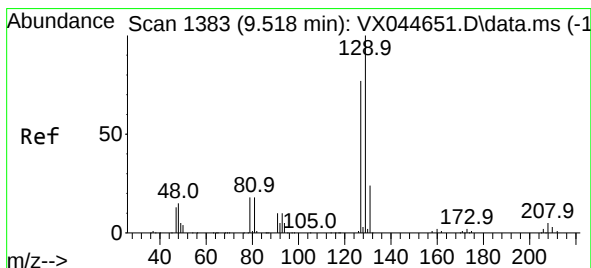
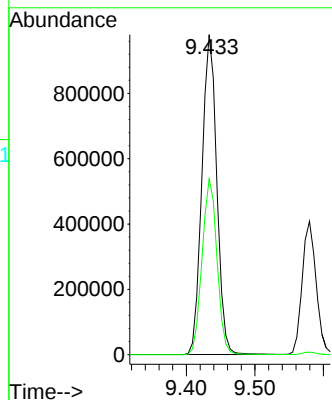
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 148286
Ion Ratio Lower Upper
43 100
58 55.1 27.8 83.3

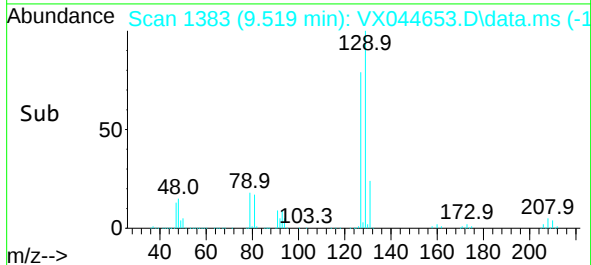
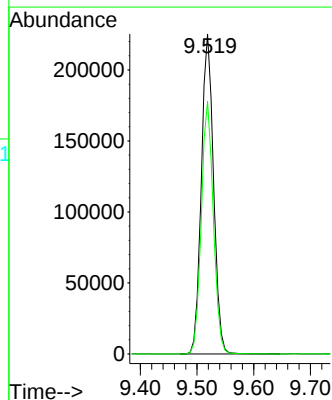
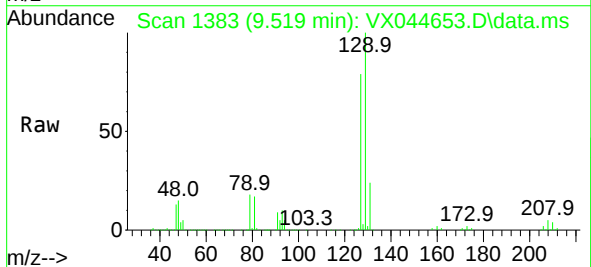
Manual Integrations
APPROVED

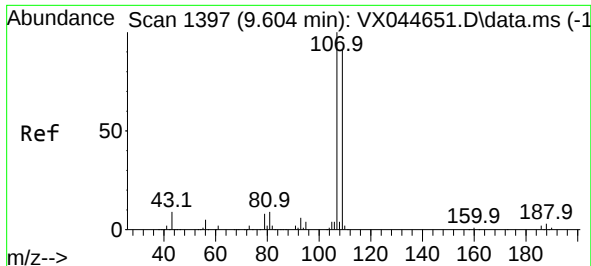
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 145.333 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

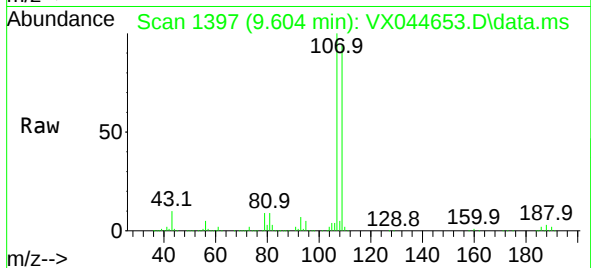
Tgt Ion:129 Resp: 335937
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 143.893 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

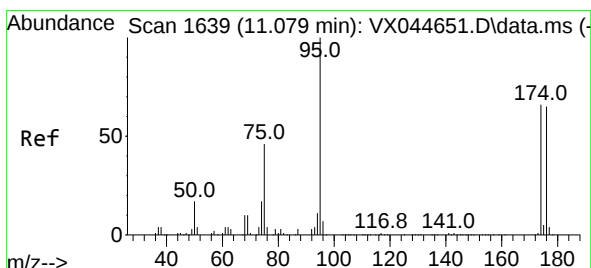
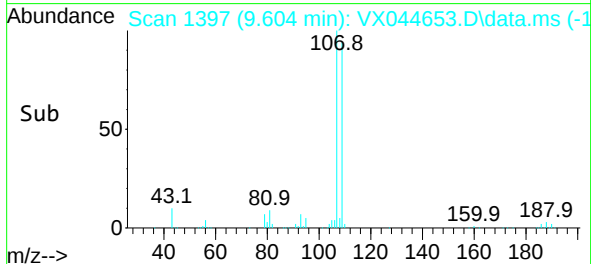
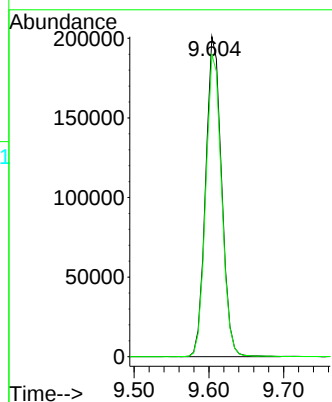
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 296982
Ion Ratio Lower Upper
107 100
109 94.6 75.3 112.9

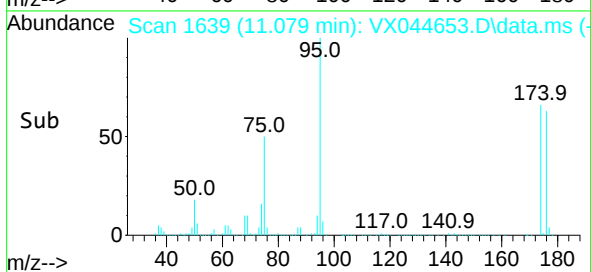
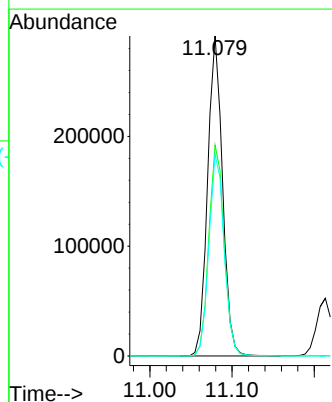
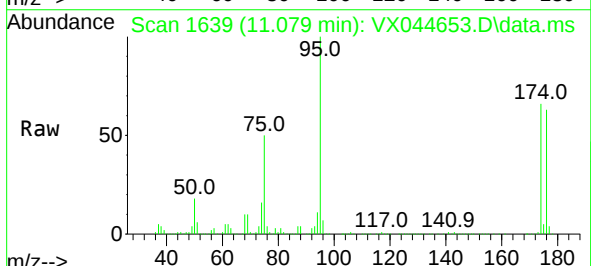
Manual Integrations
APPROVED

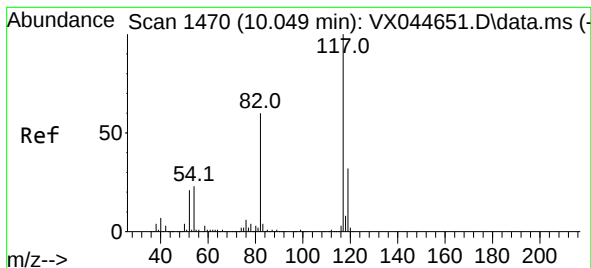
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 153.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

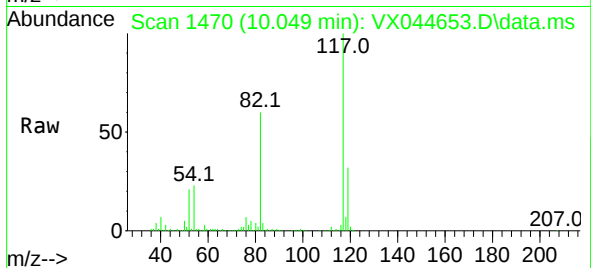
Tgt Ion: 95 Resp: 366922
Ion Ratio Lower Upper
95 100
174 67.5 0.0 133.0
176 64.4 0.0 129.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

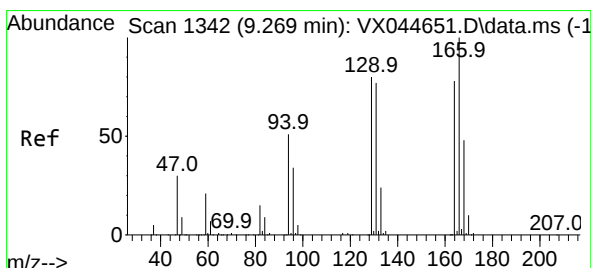
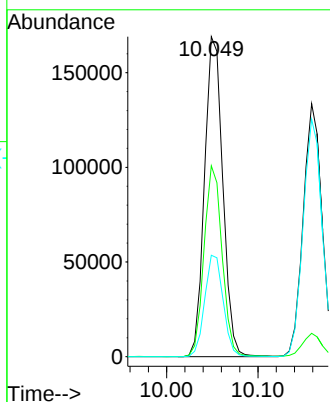
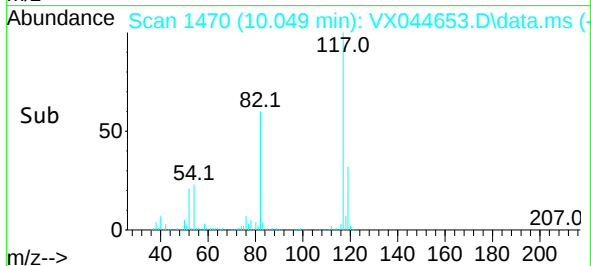
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 234362
Ion Ratio Lower Upper
117 100
82 59.6 47.6 71.4
119 31.7 25.4 38.2

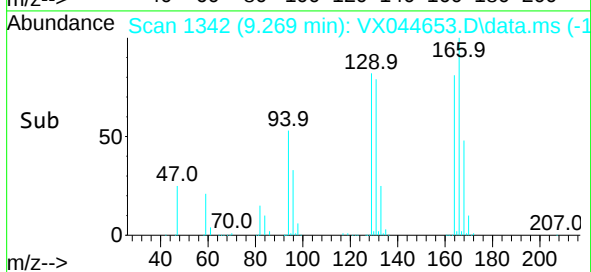
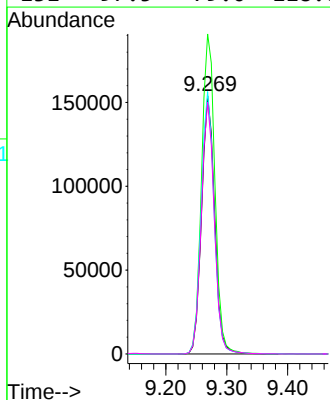
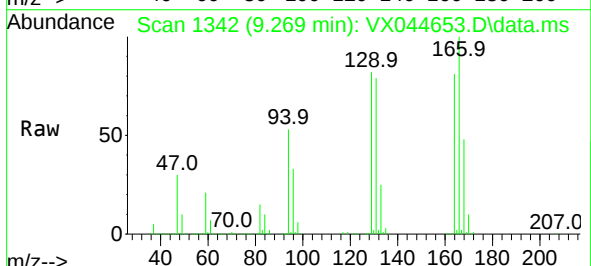
Manual Integrations
APPROVED

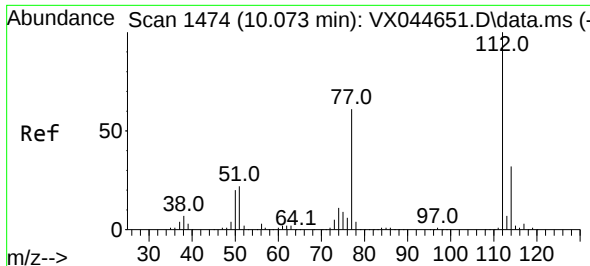
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#64
Tetrachloroethene
Concen: 155.612 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

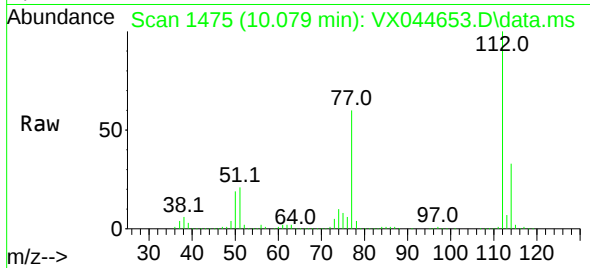
Tgt Ion:164 Resp: 229004
Ion Ratio Lower Upper
164 100
166 124.0 102.0 153.0
129 101.7 81.1 121.7
131 97.5 79.0 118.6





#65
Chlorobenzene
Concen: 150.697 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

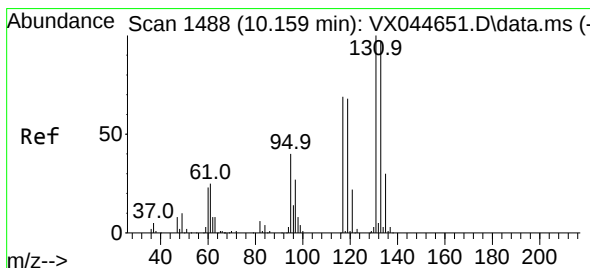
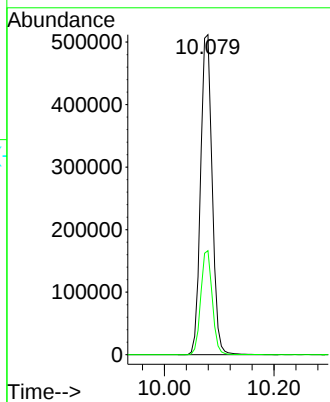
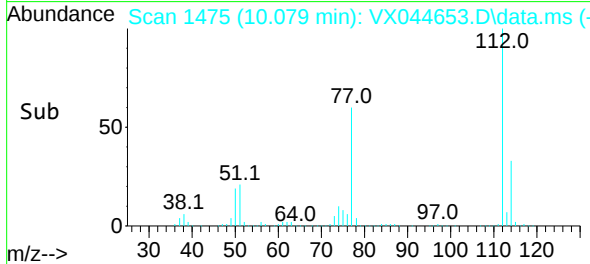
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 75016
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

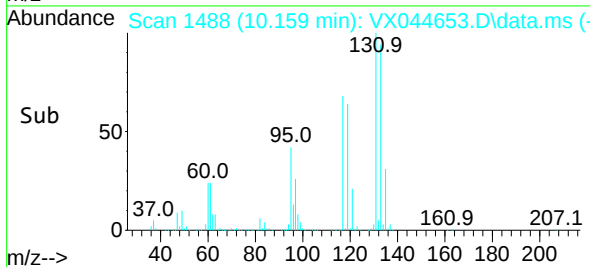
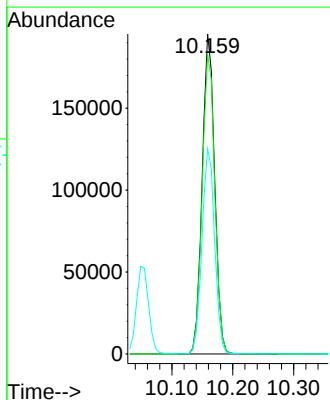
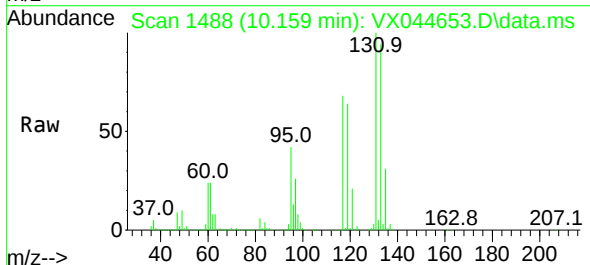
Manual Integrations
APPROVED

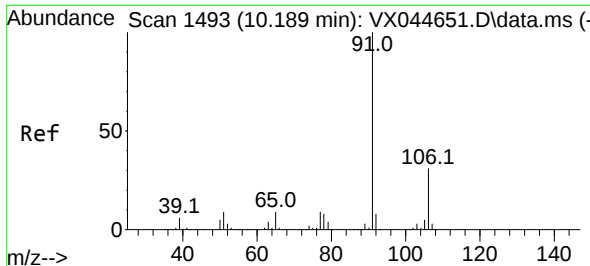
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 153.108 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

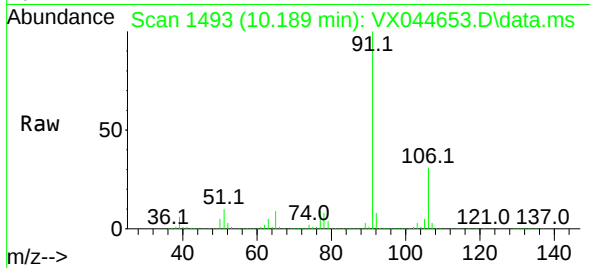
Tgt Ion:131 Resp: 276991
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 65.5 33.4 100.2





#67
Ethyl Benzene
Concen: 151.424 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

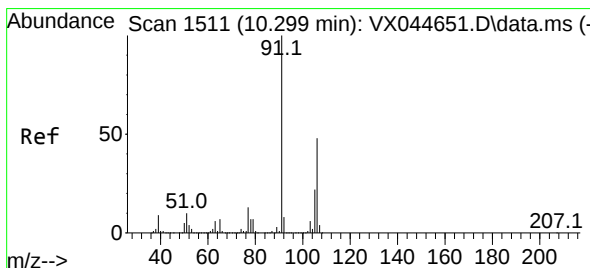
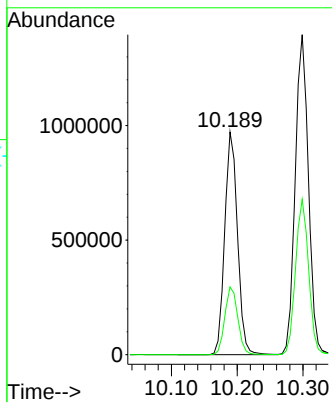
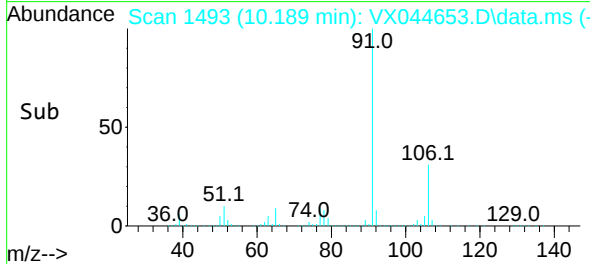
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



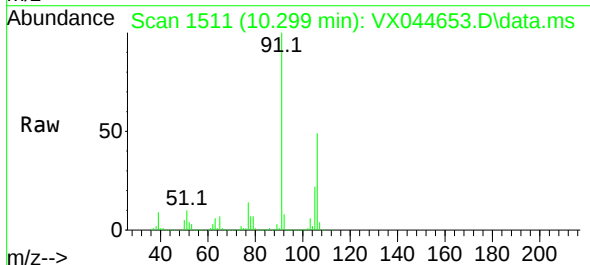
Tgt Ion: 91 Resp: 131524
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

Manual Integrations
APPROVED

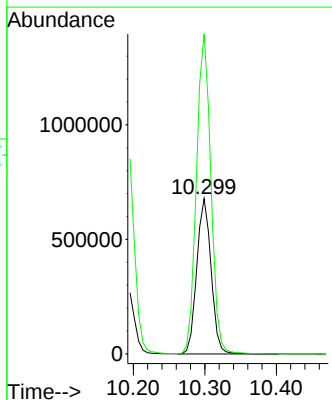
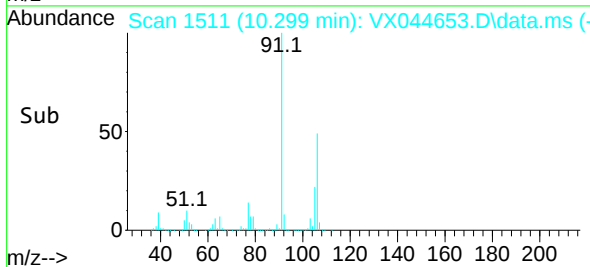
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

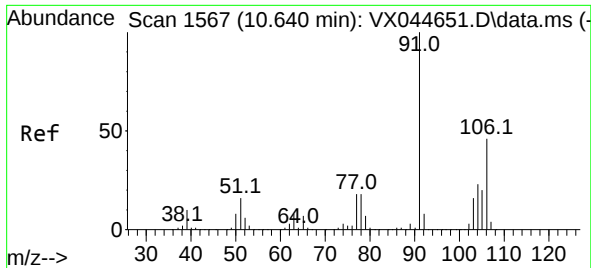


#68
m/p-Xylenes
Concen: 292.054 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



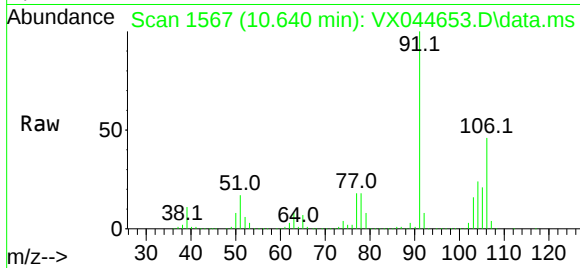
Tgt Ion:106 Resp: 941355
Ion Ratio Lower Upper
106 100
91 207.8 166.4 249.6





#69
o-Xylene
Concen: 145.386 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

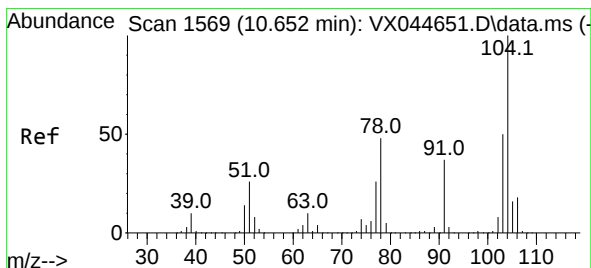
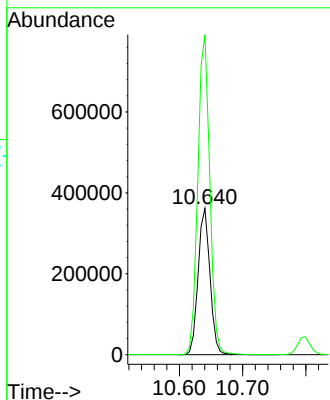
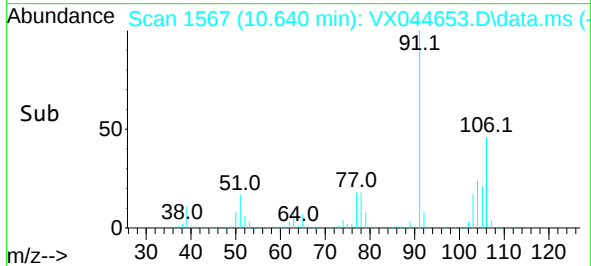
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 47390
Ion Ratio Lower Upper
106 100
91 219.9 108.7 326.3

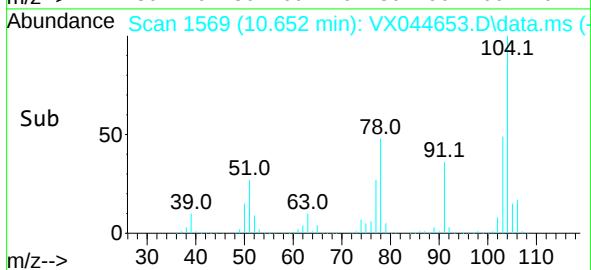
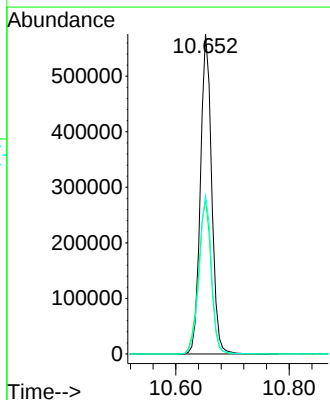
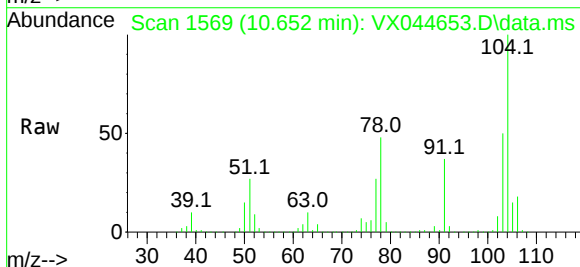
Manual Integrations
APPROVED

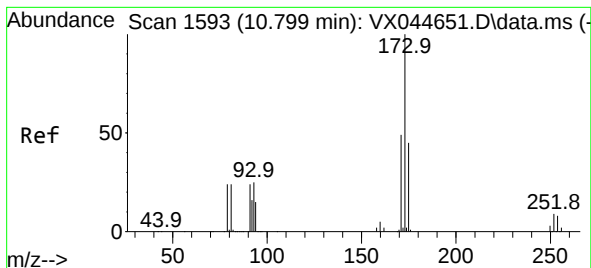
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 150.660 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion:104 Resp: 792889
Ion Ratio Lower Upper
104 100
78 54.0 43.0 64.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 157.877 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 232464

Ion Ratio Lower Upper

173 100

175 47.9 23.6 70.8

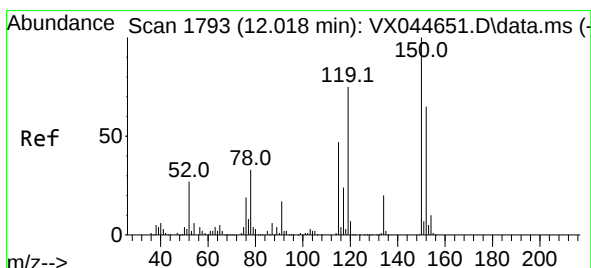
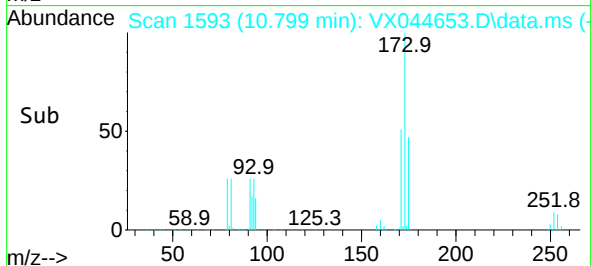
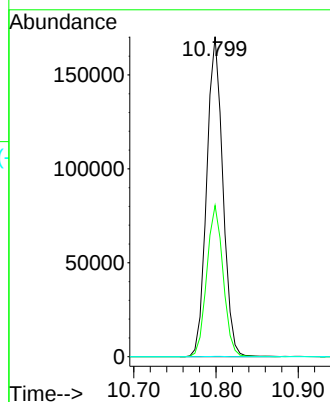
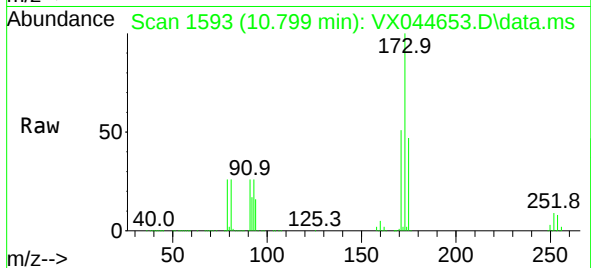
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

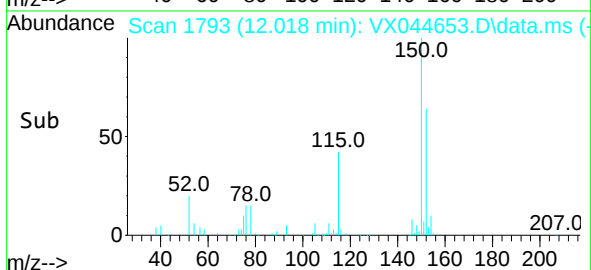
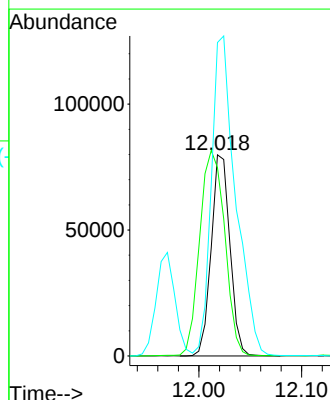
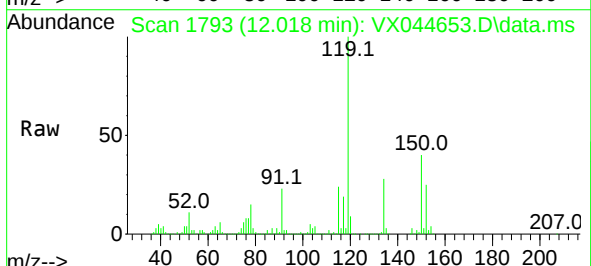
Tgt Ion:152 Resp: 100996

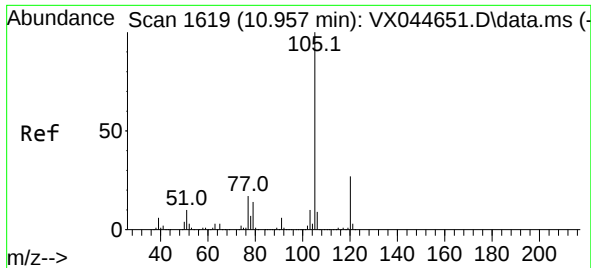
Ion Ratio Lower Upper

152 100

115 137.3 43.8 131.4#

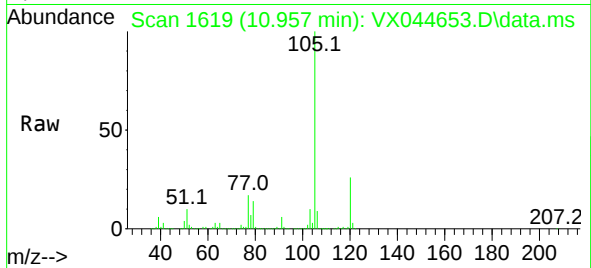
150 206.7 0.0 347.8





#73
Isopropylbenzene
Concen: 146.343 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

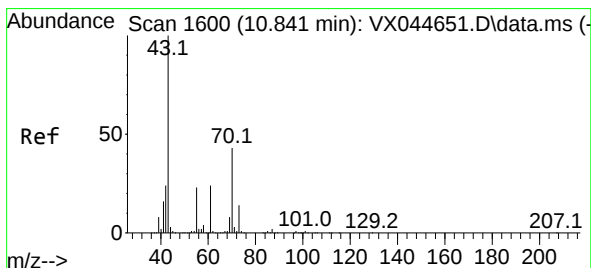
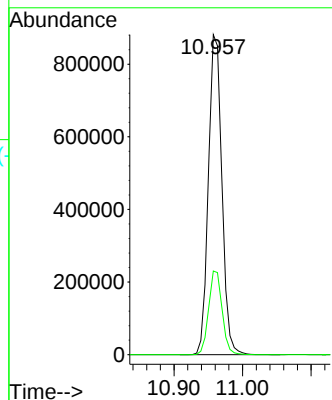
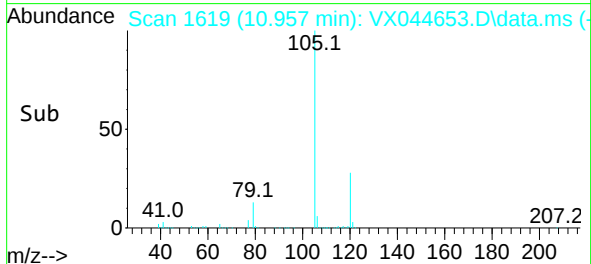
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



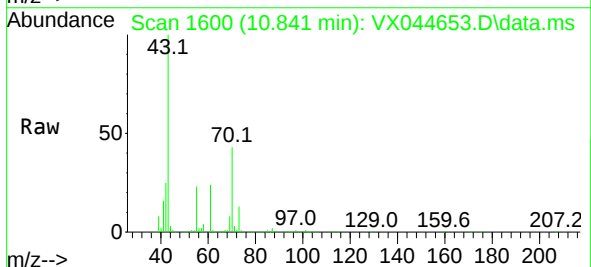
Tgt Ion: 105 Resp: 120742
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Manual Integrations
APPROVED

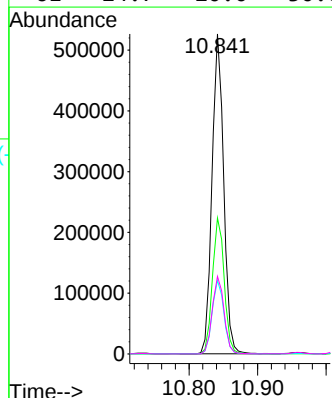
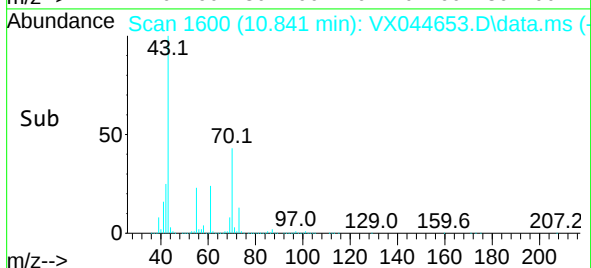
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

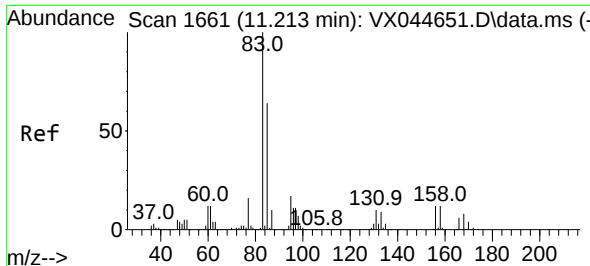


#74
N-ethyl acetate
Concen: 153.069 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



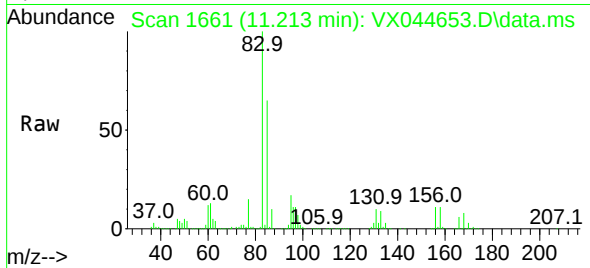
Tgt Ion: 43 Resp: 622491
Ion Ratio Lower Upper
43 100
70 43.3 35.2 52.8
55 23.3 19.0 28.4
61 24.7 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 145.660 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

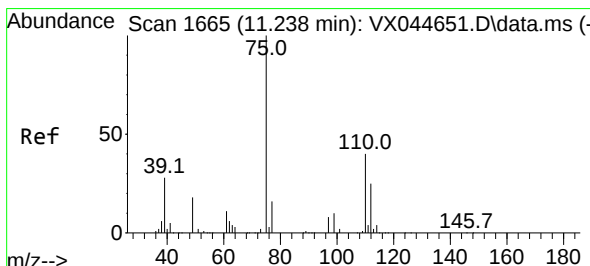
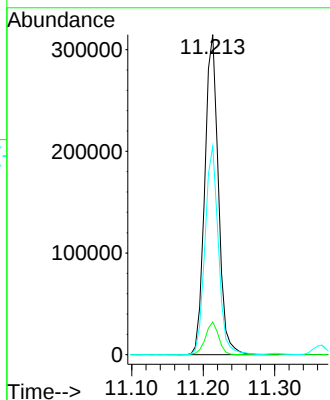
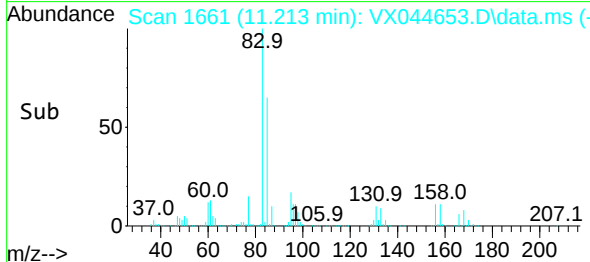
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 415068
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.5 32.0 96.2

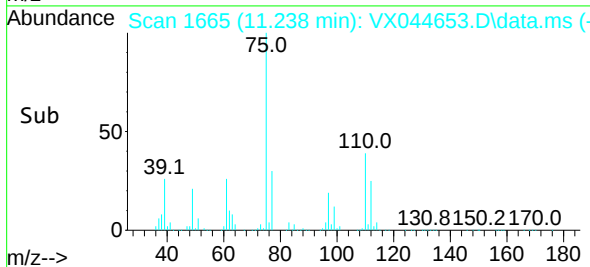
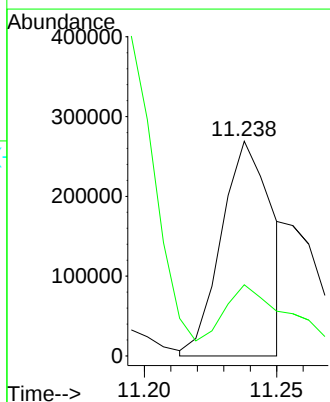
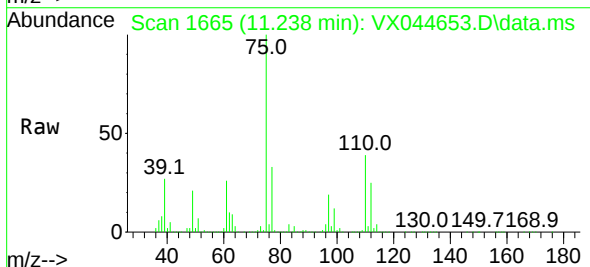
Manual Integrations
APPROVED

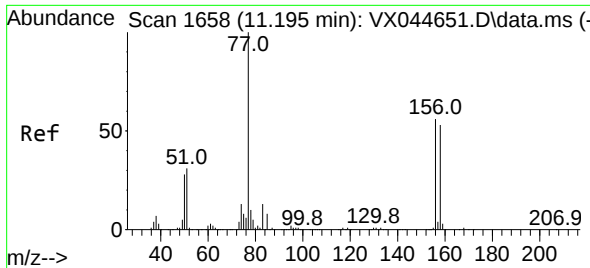
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#76
1,2,3-Trichloropropane
Concen: 149.343 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

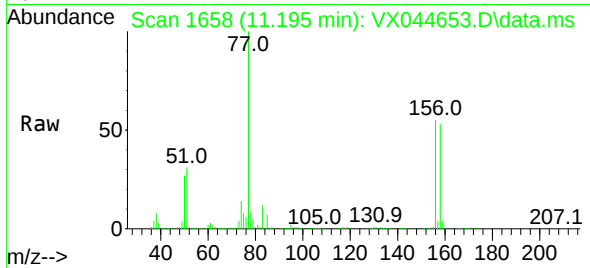
Tgt Ion: 75 Resp: 356222
Ion Ratio Lower Upper
75 100
77 45.8 23.4 70.2





#77
Bromobenzene
Concen: 149.641 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

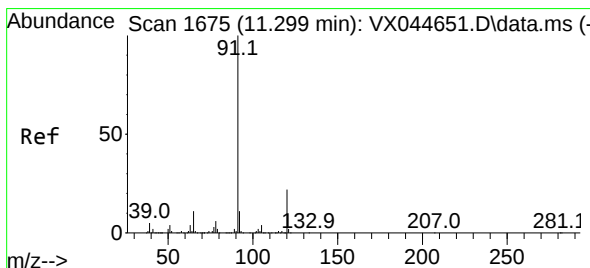
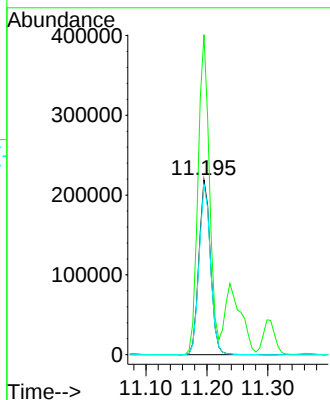
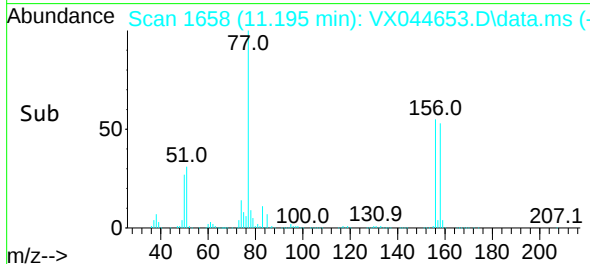
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



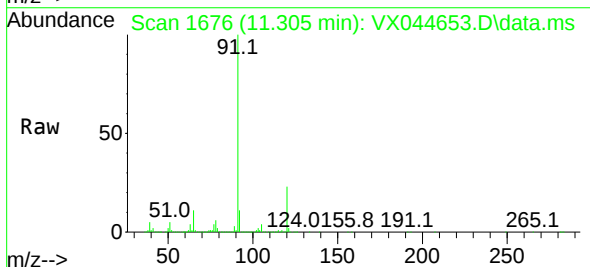
Tgt Ion:156 Resp: 288579
Ion Ratio Lower Upper
156 100
77 180.4 90.3 271.0
158 97.5 48.4 145.3

Manual Integrations
APPROVED

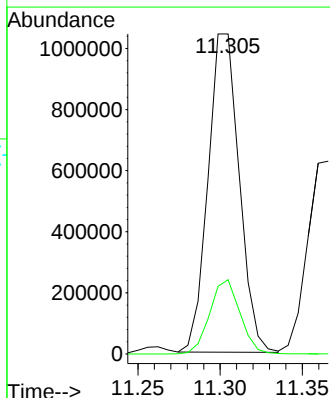
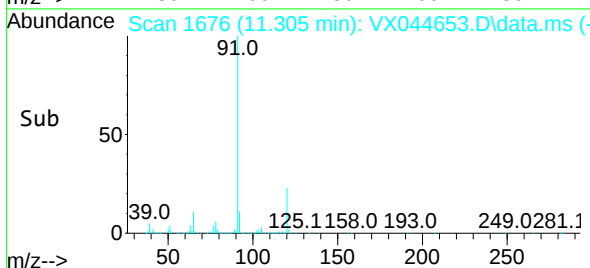
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

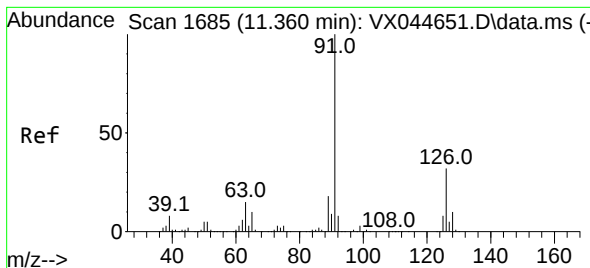


#78
n-propylbenzene
Concen: 151.223 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



Tgt Ion: 91 Resp: 1375979
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1





#79

2-Chlorotoluene

Concen: 145.911 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 85761

Ion Ratio Lower Upper

91 100

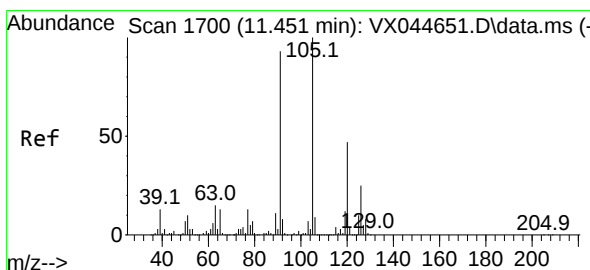
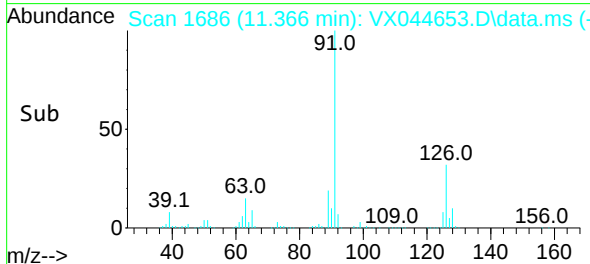
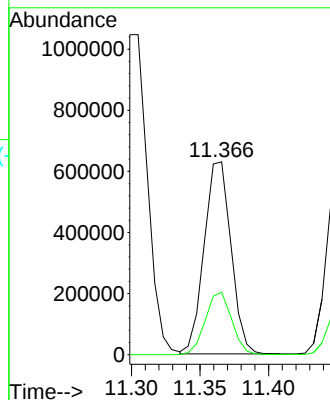
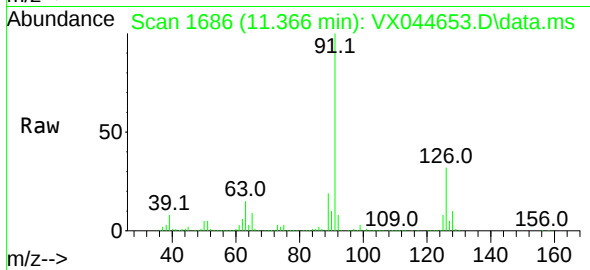
126 32.0 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 142.870 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044653.D

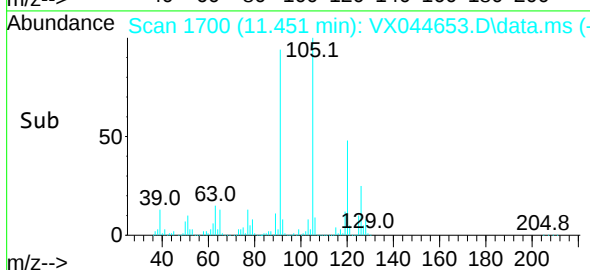
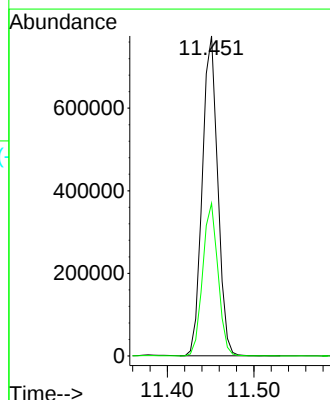
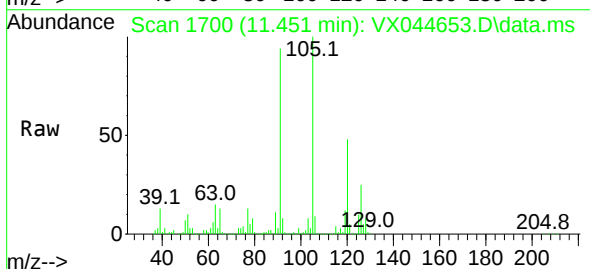
Acq: 15 Jan 2025 13:37

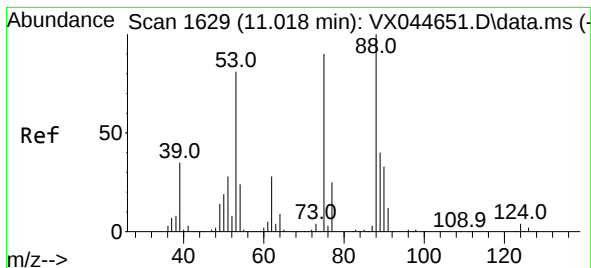
Tgt Ion:105 Resp: 959600

Ion Ratio Lower Upper

105 100

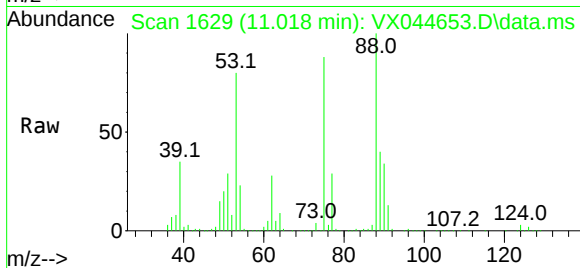
120 47.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 160.280 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

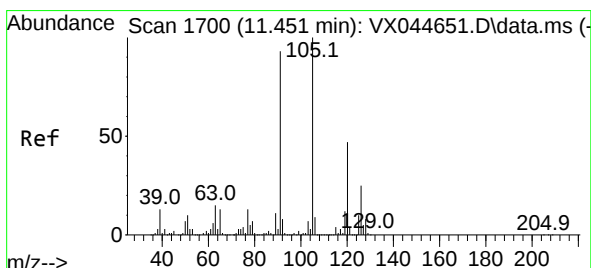
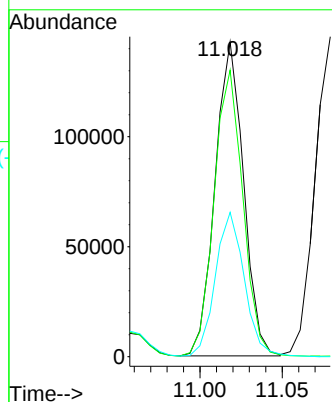
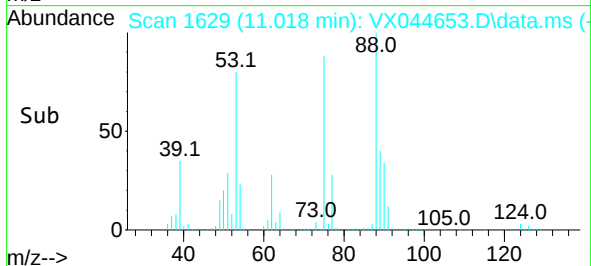
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 171780
Ion Ratio Lower Upper
75 100
53 92.3 74.3 111.5
89 47.0 37.4 56.0

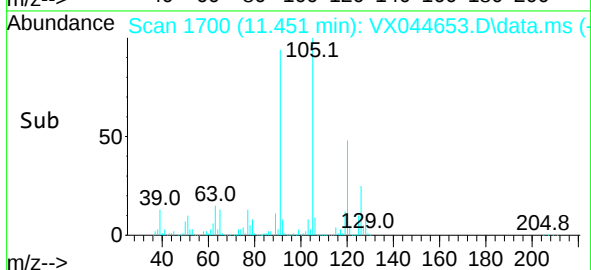
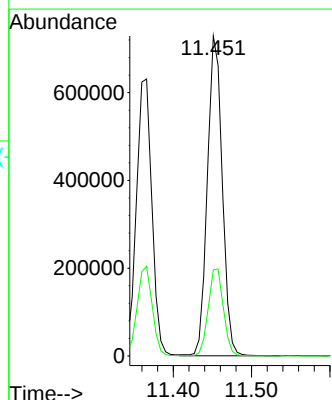
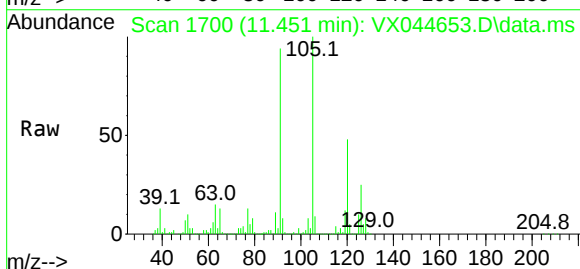
Manual Integrations
APPROVED

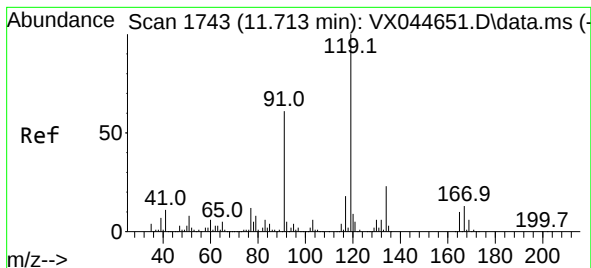
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 148.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion: 91 Resp: 957835
Ion Ratio Lower Upper
91 100
126 27.8 13.9 41.7





#83

tert-Butylbenzene

Concen: 142.356 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044653.D

Acq: 15 Jan 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 999760

Ion Ratio Lower Upper

119 100

91 61.4 30.0 90.0

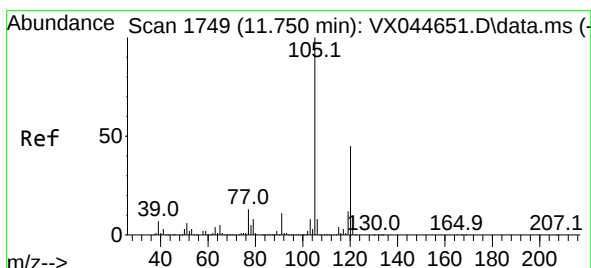
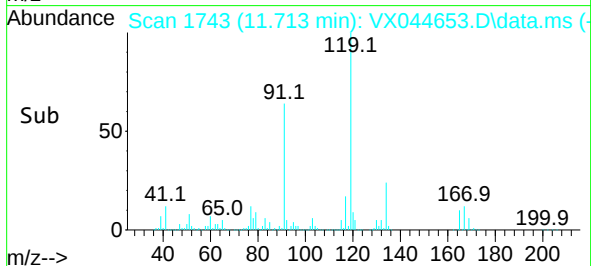
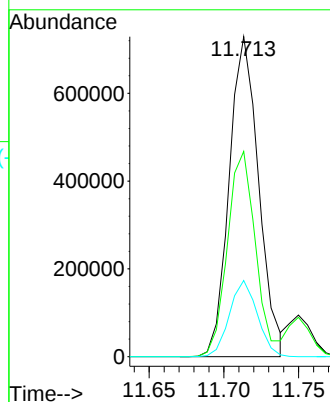
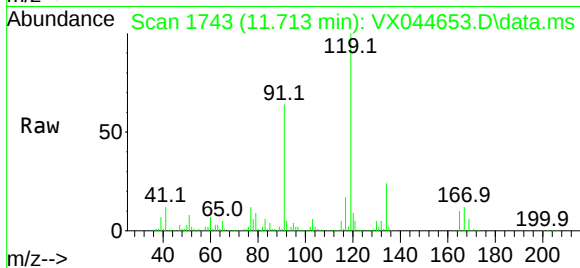
134 22.5 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 145.281 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044653.D

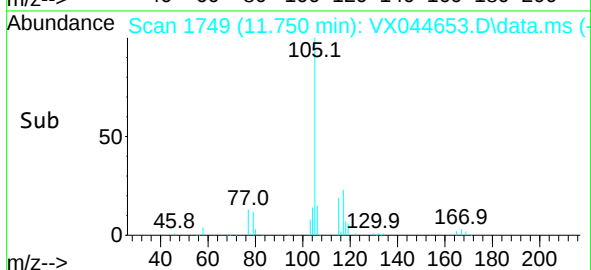
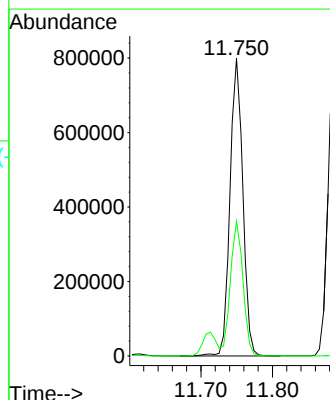
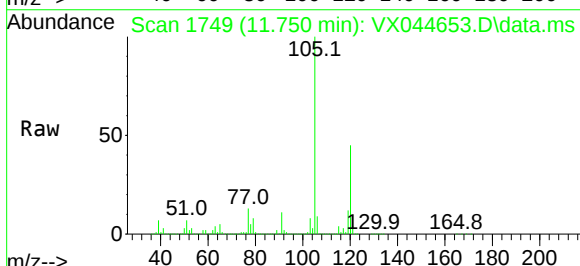
Acq: 15 Jan 2025 13:37

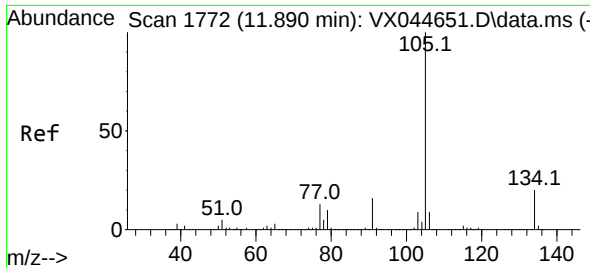
Tgt Ion:105 Resp: 991595

Ion Ratio Lower Upper

105 100

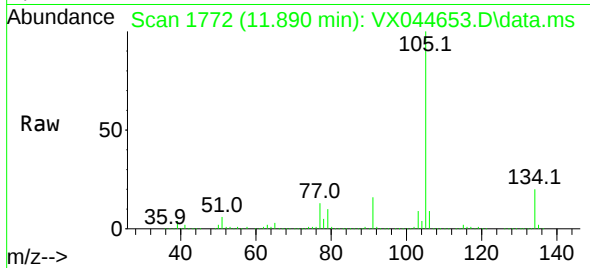
120 44.6 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 148.543 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

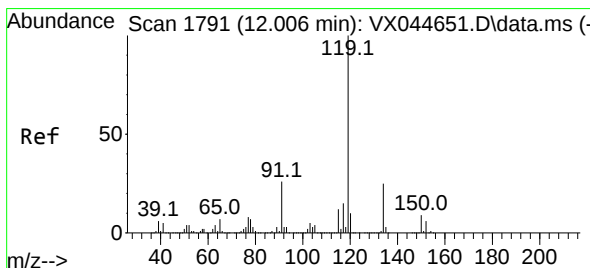
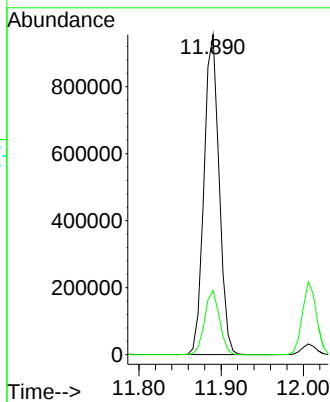
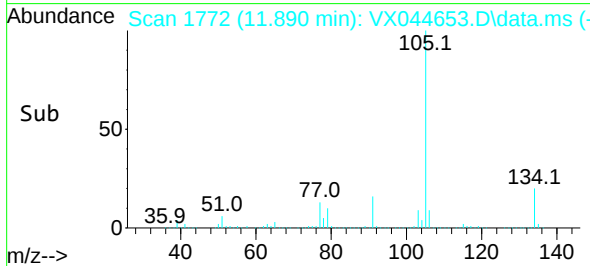
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 1214662
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

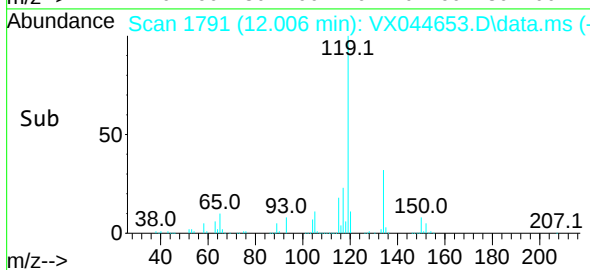
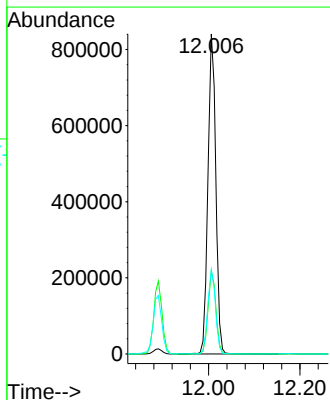
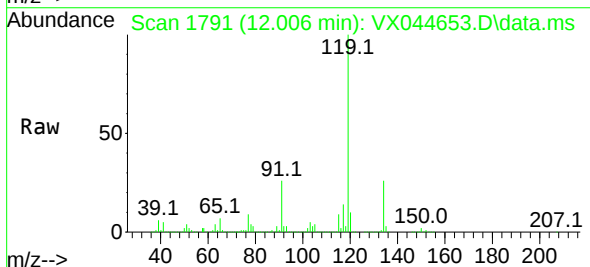
Manual Integrations
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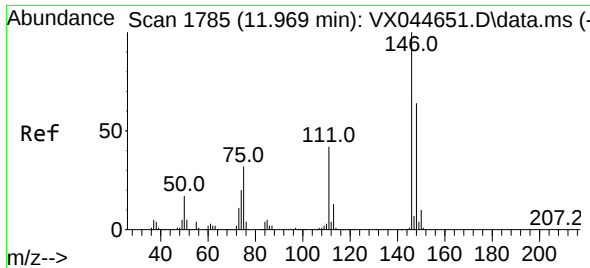
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#86
 p-Isopropyltoluene
 Concen: 148.902 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

Tgt Ion:119 Resp: 1000632
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.9 12.7 38.1





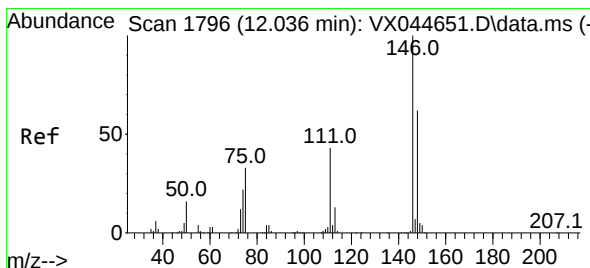
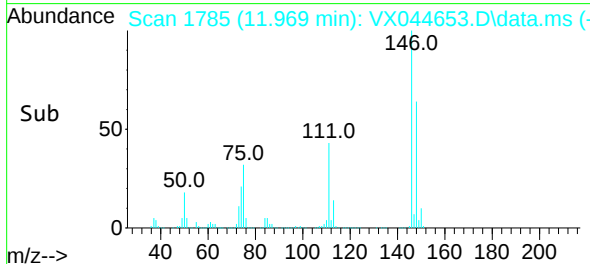
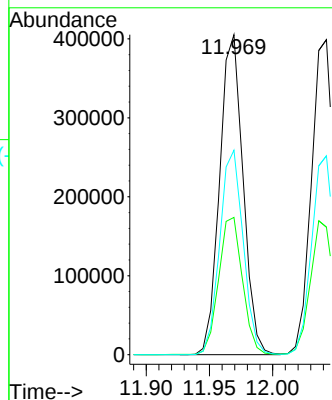
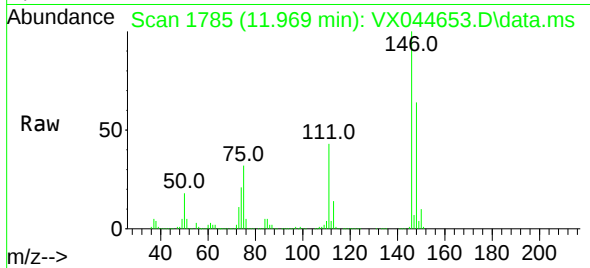
#87
 1,3-Dichlorobenzene
 Concen: 155.816 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 521111
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.7
 148 64.0 31.8 95.4

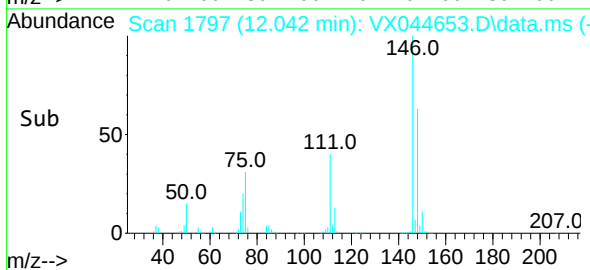
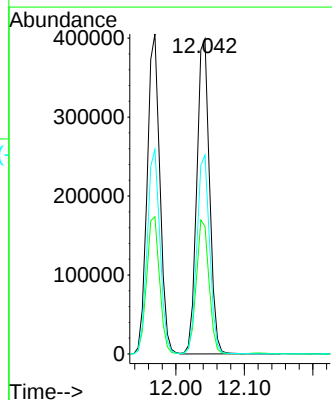
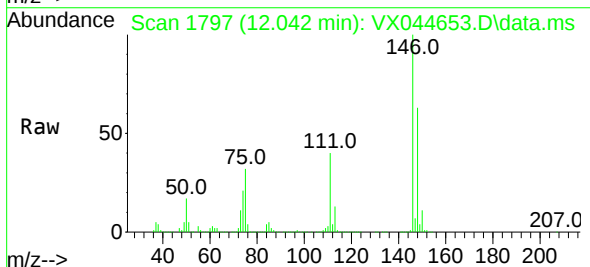
Manual Integrations
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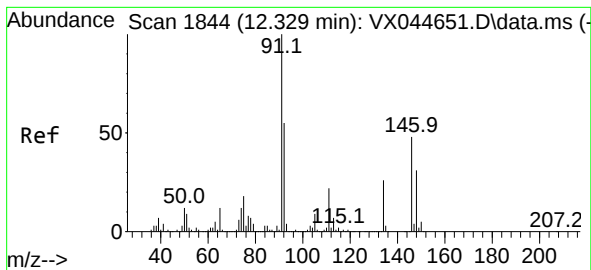
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#88
 1,4-Dichlorobenzene
 Concen: 155.532 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX044653.D
 Acq: 15 Jan 2025 13:37

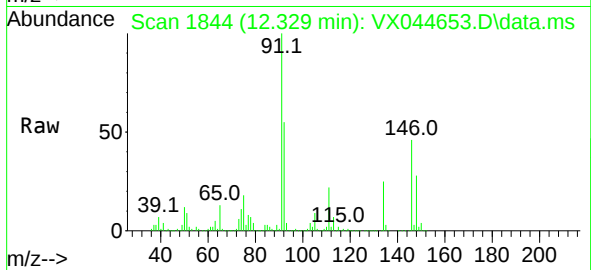
Tgt Ion:146 Resp: 516467
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.5 64.5
 148 63.1 32.1 96.5





#89
n-Butylbenzene
Concen: 156.724 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

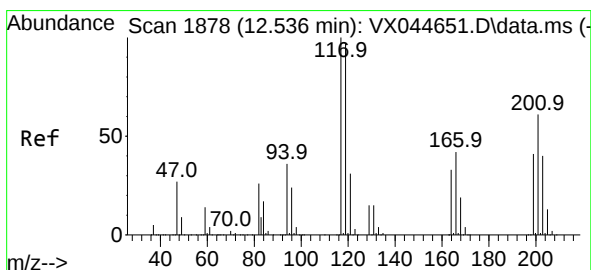
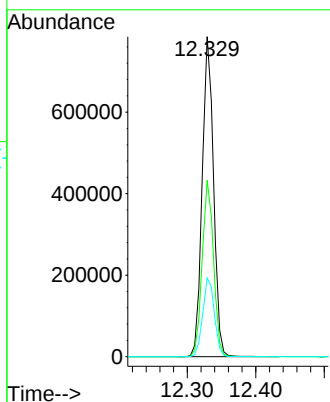
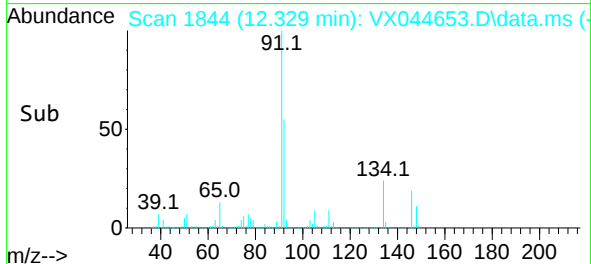
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 904589
Ion Ratio Lower Upper
91 100
92 55.2 27.4 82.0
134 25.3 12.8 38.3

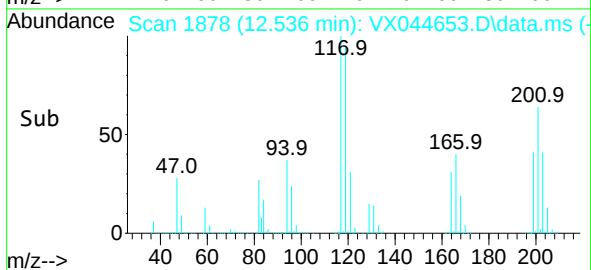
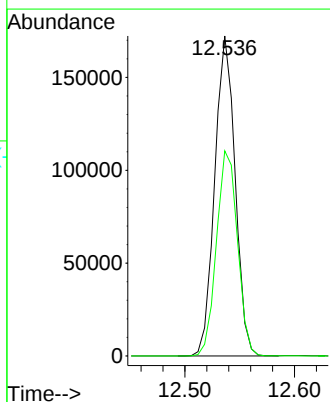
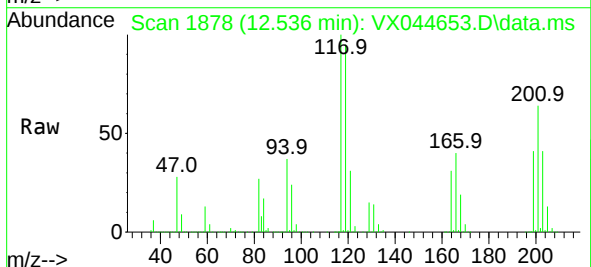
Manual Integrations
APPROVED

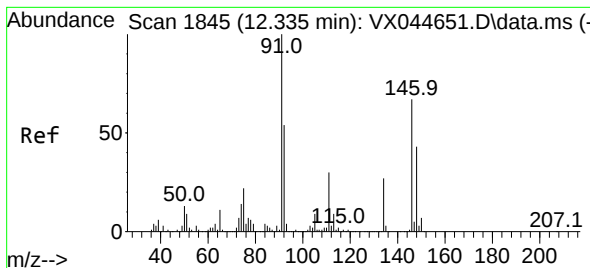
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 146.455 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

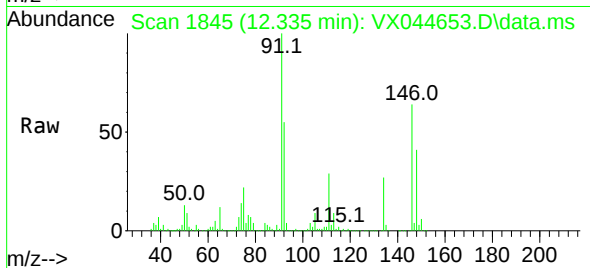
Tgt Ion:117 Resp: 222866
Ion Ratio Lower Upper
117 100
201 66.1 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 148.860 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

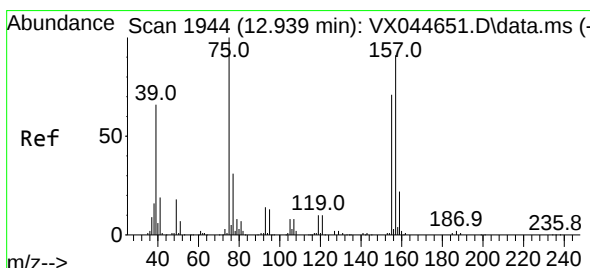
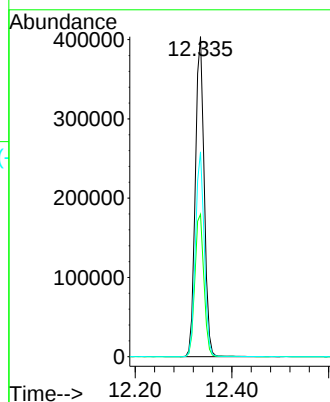
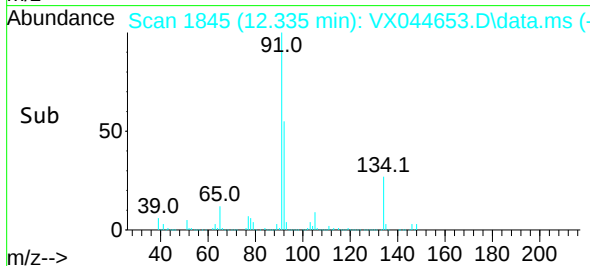
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



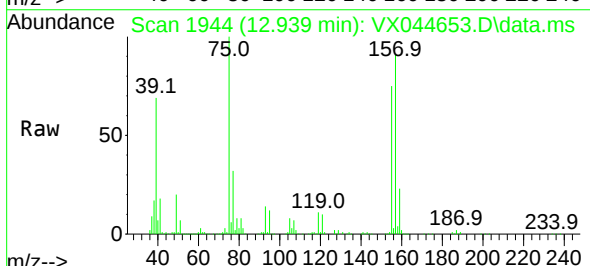
Tgt Ion:146 Resp: 511280
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.2
148 63.5 31.6 94.8

Manual Integrations
APPROVED

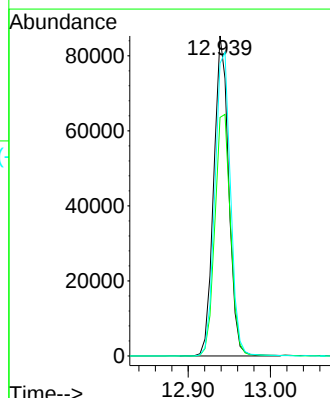
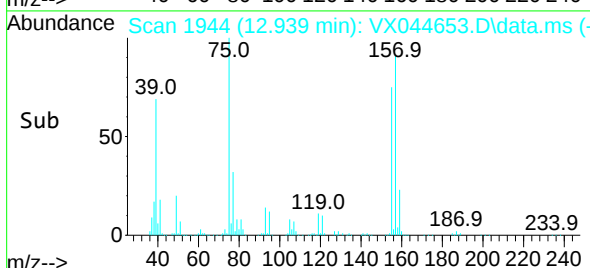
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

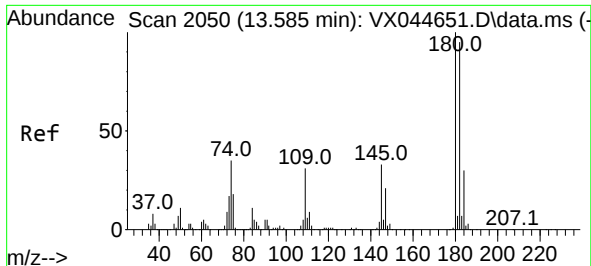


#92
1,2-Dibromo-3-Chloropropane
Concen: 154.709 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37



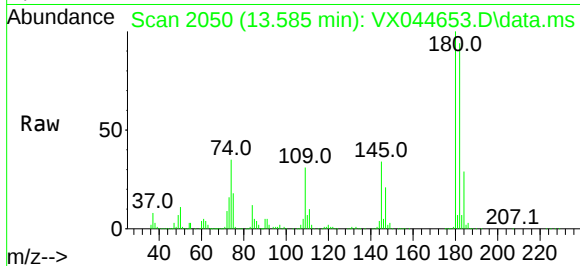
Tgt Ion: 75 Resp: 107815
Ion Ratio Lower Upper
75 100
155 79.1 39.0 116.9
157 98.6 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 171.582 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

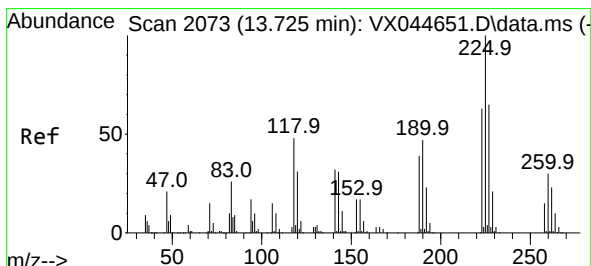
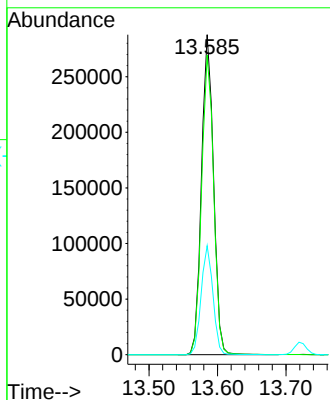
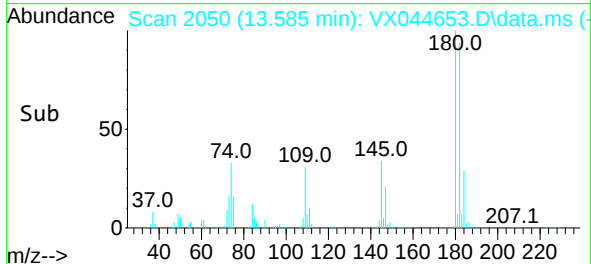
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:180 Resp: 352298
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 33.4 16.7 50.1

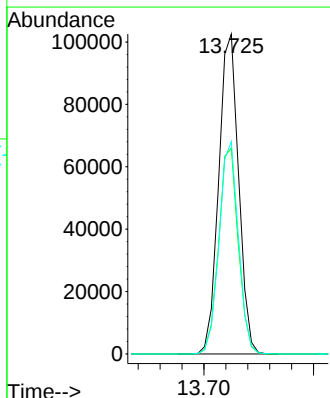
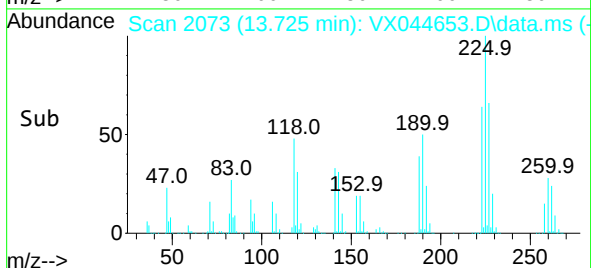
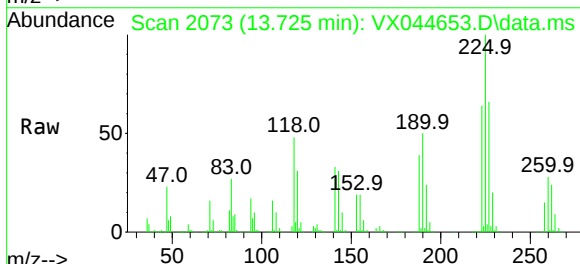
Manual Integrations
APPROVED

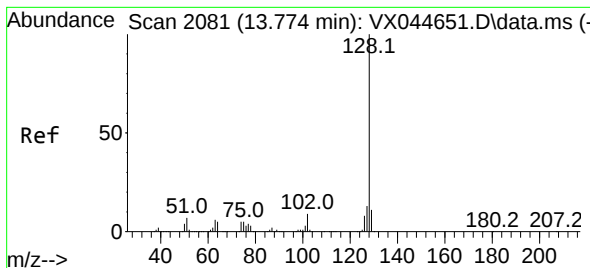
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#94
Hexachlorobutadiene
Concen: 160.216 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

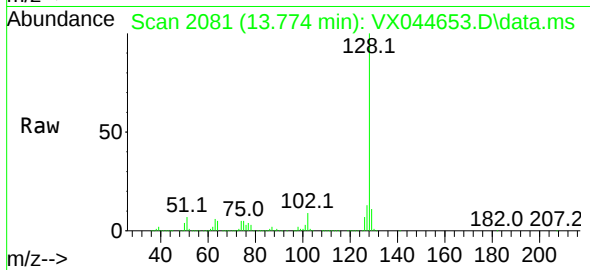
Tgt Ion:225 Resp: 129218
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 64.4 31.8 95.4





#95
Naphthalene
Concen: 162.361 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

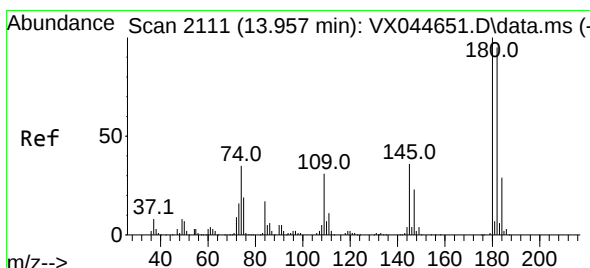
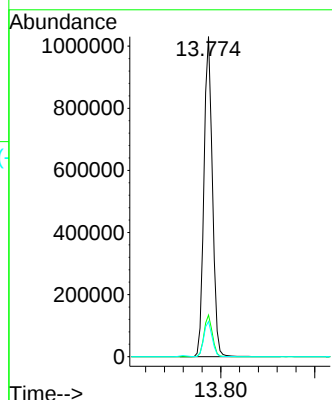
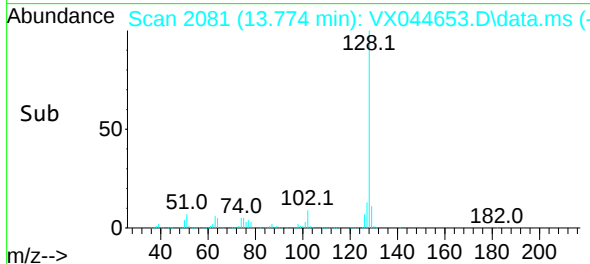
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1285749
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 164.515 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044653.D
Acq: 15 Jan 2025 13:37

Tgt Ion:180 Resp: 350134
Ion Ratio Lower Upper
180 100
182 95.6 47.2 141.6
145 35.9 17.5 52.6

